## Lab 2

## Mohammed Hasan

### 11:59PM February 8

# Basic Modeling

• In class we considered a variable x\_3 which measured "criminality". We imagined L = 4 levels "none", "infraction", "misdimeanor" and "felony". Create a variable x\_3 here with 100 random elements (equally probable). Create it as a nominal (i.e. unordered) factor.

```
#TO-DO
n=100
x_3= as.factor(sample(c("none", "infraction", "misdemeanor", "felony"), size = 100, replace = TRUE))
```

• Use x\_3 to create x\_3\_bin, a binary feature where 0 is no crime and 1 is any crime.

• Use x\_3 to create x\_3\_ord, an ordered factor variable. Ensure the proper ordinal ordering.

```
#TO-DO
x_3_ord = factor(x_3, ordered = TRUE, levels = c("none", "infraction", "misdemeanor", "felony"))
x_3_ord
```

```
misdemeanor infraction misdemeanor infraction infraction
##
     [1] felony
##
     [7] none
                     felony
                                 none
                                             felony
                                                         infraction infraction
##
    [13] misdemeanor none
                                             misdemeanor felony
                                                                      infraction
                                 infraction
    [19] felony
                     infraction none
                                             infraction
                                                         felony
                                                                      infraction
##
   [25] infraction misdemeanor misdemeanor felony
                                                         misdemeanor infraction
   [31] misdemeanor none
                                 felony
                                             infraction misdemeanor misdemeanor
##
   [37] misdemeanor misdemeanor infraction felony
                                                                      infraction
                                                         none
    [43] infraction felonv
                                 none
                                             none
                                                         none
                                                                      misdemeanor
   [49] none
                     infraction none
##
                                             misdemeanor misdemeanor none
##
   [55] infraction misdemeanor misdemeanor infraction misdemeanor infraction
##
    [61] felony
                     infraction none
                                             misdemeanor felony
                                                                      misdemeanor
##
   [67] felony
                     felony
                                 none
                                             infraction misdemeanor infraction
##
   [73] felony
                     none
                                 felony
                                             none
                                                         none
                                                                      infraction
   [79] infraction misdemeanor felony
                                             felony
                                                         felony
                                                                      felony
##
   [85] misdemeanor misdemeanor none
                                             infraction felony
                                                                      misdemeanor
##
   [91] none
                     infraction misdemeanor infraction none
                                                                      misdemeanor
   [97] infraction felony
## Levels: none < infraction < misdemeanor < felony
```

• Convert this variable into three binary variables without any information loss and put them into a data matrix.

```
#T0-D0
X = cbind(
  ifelse(x_3_ord == "infraction", 1, 0),
  ifelse(x_3_ord == "misdemeanor", 1, 0),
  ifelse(x_3_ord == "felony", 1, 0)
)
Х
##
           [,1] [,2] [,3]
##
     [1,]
              0
                    0
                          1
     [2,]
                          0
##
              0
                    1
                          0
##
     [3,]
               1
                    0
##
     [4,]
               0
                    1
                          0
##
     [5,]
               1
                    0
                          0
##
     [6,]
                    0
                          0
               1
                          0
##
     [7,]
               0
                    0
##
     [8,]
                    0
               0
                          1
##
     [9,]
               0
                    0
                          0
##
    [10,]
               0
                    0
                          1
##
    [11,]
                    0
                          0
               1
    [12,]
                    0
                          0
##
               1
##
    [13,]
               0
                    1
                          0
                          0
##
                    0
    [14,]
               0
##
    [15,]
               1
                    0
                          0
##
    [16,]
               0
                    1
                          0
##
    [17,]
                    0
              0
                          1
##
    [18,]
                    0
                          0
    [19,]
##
               0
                    0
                          1
    [20,]
##
               1
                    0
                          0
##
    [21,]
               0
                    0
                          0
##
    [22,]
                    0
                          0
##
    [23,]
                    0
                          1
               0
                          0
##
    [24,]
               1
                    0
##
    [25,]
                    0
                          0
               1
##
    [26,]
               0
                    1
                          0
##
    [27,]
                          0
               0
                    1
##
    [28,]
               0
                    0
                          1
##
    [29,]
                          0
               0
                    1
##
    [30,]
                    0
                          0
               1
##
    [31,]
               0
                    1
                          0
##
    [32,]
               0
                    0
                          0
                    0
##
    [33,]
               0
                          1
##
    [34,]
                    0
                          0
               1
##
    [35,]
                    1
                          0
               0
                          0
##
    [36,]
               0
                    1
```

0

0

0

1

0

0

##

##

##

##

##

##

##

[37,]

[38,]

[39,]

[40,]

[41,]

[42,]

[43,]

0

0

1

0

1

1

1

0

0

0

0

0

| ## | [44,] | 0 | 0 | 1 |
|----|-------|---|---|---|
| ## | [45,] | 0 | 0 | 0 |
| ## | [46,] | 0 | 0 | 0 |
| ## | [47,] | 0 | 0 | 0 |
| ## | [48,] | 0 | 1 | 0 |
| ## | [49,] | 0 | 0 | 0 |
| ## | [50,] | 1 | 0 | 0 |
| ## | [51,] | 0 | 0 | 0 |
| ## | [52,] | 0 | 1 | 0 |
| ## | [53,] | 0 | 1 | 0 |
| ## | [54,] | 0 | 0 | 0 |
| ## | [55,] | 1 | 0 | 0 |
| ## | [56,] | 0 | 1 | 0 |
| ## | [57,] | 0 | 1 | 0 |
| ## | [58,] | 1 | 0 | 0 |
| ## | [59,] | 0 | 1 | 0 |
| ## | [60,] | 1 | 0 | 0 |
| ## | [61,] | 0 | 0 | 1 |
| ## | [62,] | 1 | 0 | 0 |
| ## | [63,] | 0 | 0 | 0 |
| ## | [64,] | 0 | 1 | 0 |
| ## | [65,] | 0 | 0 | 1 |
| ## | [66,] | 0 | 1 | 0 |
| ## | [67,] | 0 | 0 | 1 |
| ## | [68,] | 0 | 0 | 1 |
| ## | [69,] | 0 | 0 | 0 |
| ## | [70,] | 1 | 0 | 0 |
| ## | [71,] | 0 | 1 | 0 |
| ## | [72,] | 1 | 0 | 0 |
| ## | [73,] | 0 | 0 | 1 |
| ## | [74,] | 0 | 0 | 0 |
| ## | [75,] | 0 | 0 | 1 |
| ## | [76,] | 0 | 0 | 0 |
| ## | [77,] | 0 | 0 | 0 |
| ## | [78,] | 1 | 0 | 0 |
| ## | [79,] | 1 | 0 | 0 |
| ## | [80,] | 0 | 1 | 0 |
| ## | [81,] | 0 | 0 | 1 |
| ## | [82,] | 0 | 0 | 1 |
| ## | [83,] | 0 | 0 | 1 |
| ## | [84,] | 0 | 0 | 1 |
| ## | [85,] | 0 | 1 | 0 |
| ## | [86,] | 0 | 1 | 0 |
| ## | [87,] | 0 | 0 | 0 |
| ## | [88,] | 1 | 0 | 0 |
| ## | [89,] | 0 | 0 | 1 |
| ## | [90,] | 0 | 1 | 0 |
| ## | [91,] | 0 | 0 | 0 |
| ## | [92,] | 1 | 0 | 0 |
| ## | [93,] | 0 | 1 | 0 |
| ## | [94,] | 1 | 0 | 0 |
| ## | [95,] | 0 | 0 | 0 |
| ## | [96,] | 0 | 1 | 0 |
| ## | [97,] | 1 | 0 | 0 |

```
## [98,] 0 0 1
## [99,] 0 0 0
## [100,] 0 0 1
```

• What should the sum of each row be (in English)?

#TO-DO

0 or 1 Verify that.

```
#TO-DO
rowSums(X)
```

• How should the column sum look (in English)?

#TO-DO Column sums should be counts of number of each crime level in the data Verify that.

```
#TO-DO
colSums(X)
```

#### ## [1] 29 27 23

• Generate a matrix with 100 rows where the first column is realization from a normal with mean 17 and variance 38, the second column is uniform between -10 and 10, the third column is poisson with mean 6, the fourth column in exponential with lambda of 9, the fifth column is binomial with n = 20 and p = 0.12 and the sixth column is a binary variable with exactly 24% 1's dispersed randomly. Name the rows the entries of the fake\_first\_names vector.

```
X=cbind(
  rnorm(n,17,sqrt(38)),
  runif(n,-10,10),
  rpois(n,6),
  rexp(n,9),
  rbinom(n,20,0.12),
  sample(c(rep(1, round(n*.24)), rep(0, round(n*.76))))
fake first names = c(
  "Sophia", "Emma", "Olivia", "Ava", "Mia", "Isabella", "Riley",
  "Aria", "Zoe", "Charlotte", "Lily", "Layla", "Amelia", "Emily",
  "Madelyn", "Aubrey", "Adalyn", "Madison", "Chloe", "Harper",
  "Abigail", "Aaliyah", "Avery", "Evelyn", "Kaylee", "Ella", "Ellie",
  "Scarlett", "Arianna", "Hailey", "Nora", "Addison", "Brooklyn",
  "Hannah", "Mila", "Leah", "Elizabeth", "Sarah", "Eliana", "Mackenzie",
  "Peyton", "Maria", "Grace", "Adeline", "Elena", "Anna", "Victoria",
  "Camilla", "Lillian", "Natalie", "Jackson", "Aiden", "Lucas",
  "Liam", "Noah", "Ethan", "Mason", "Caden", "Oliver", "Elijah",
  "Grayson", "Jacob", "Michael", "Benjamin", "Carter", "James",
  "Jayden", "Logan", "Alexander", "Caleb", "Ryan", "Luke", "Daniel",
  "Jack", "William", "Owen", "Gabriel", "Matthew", "Connor", "Jayce",
  "Isaac", "Sebastian", "Henry", "Muhammad", "Cameron", "Wyatt",
  "Dylan", "Nathan", "Nicholas", "Julian", "Eli", "Levi", "Isaiah",
  "Landon", "David", "Christian", "Andrew", "Brayden", "John",
  "Lincoln"
rownames(X) = fake_first_names
```

#### #T0-D0

Create a data frame of the same data as above except make the binary variable a factor "DOMESTIC" vs "FOREIGN" for 0 and 1 respectively. Use RStudio's View function to ensure this worked as desired.

```
#TO-DO
X=data.frame(
  normie = rnorm(n,17,sqrt(38)),
  eunice = runif(n,-10,10),
  fish = rpois(n,6),
  expy = rexp(n,9),
  nomie = rbinom(n,20,0.12),
  origin = factor(sample(c(rep("FOREIGN", round(n*.24)), rep("DOMESTIC", round(n*.76)))))
)
rownames(X) = fake_first_names
```

 Print out a table of the binary variable. Then print out the proportions of "DOMESTIC" vs "FOR-EIGN".

```
#T0-D0
table(X$origin)
##
## DOMESTIC FOREIGN
         76
                  24
table(X$origin)/nrow(X)
##
## DOMESTIC FOREIGN
       0.76
                0.24
prop.table(table(X$origin))
##
## DOMESTIC FOREIGN
       0.76
                0.24
```

Print out a summary of the whole dataframe.

```
#TO-DO
summary(X)
```

```
##
        normie
                          eunice
                                              fish
                                                                expy
           : 2.711
##
                             :-9.9372
                                                 : 0.00
                                                                  :0.0005077
    Min.
                      \mathtt{Min}.
                                         Min.
                                                          Min.
##
    1st Qu.:12.362
                      1st Qu.:-4.5245
                                         1st Qu.: 4.00
                                                          1st Qu.:0.0272734
                      Median : 0.2068
                                         Median: 6.00
##
   Median :16.318
                                                          Median :0.0856527
           :16.649
                             : 0.3127
                                                : 5.91
                                                                  :0.1025620
##
   Mean
                      Mean
                                         Mean
                                                          Mean
    3rd Qu.:20.861
                      3rd Qu.: 5.5406
##
                                         3rd Qu.: 8.00
                                                          3rd Qu.:0.1526531
           :30.764
                             : 9.7100
                                                 :13.00
                                                                  :0.4829839
##
   Max.
                      Max.
                                         Max.
                                                          Max.
##
        nomie
                         origin
##
   Min.
           :0.00
                    DOMESTIC:76
##
   1st Qu.:2.00
                    FOREIGN :24
##
   Median:2.00
           :2.56
##
  Mean
##
    3rd Qu.:4.00
##
    Max.
           :7.00
```

### **Dataframe** creation

Imagine you are running an experiment with many manipulations. You have 14 levels in the variable "treatment" with levels a, b, c, etc. For each of those manipulations you have 3 submanipulations in a variable named "variation" with levels A, B, C. Then you have "gender" with levels M / F. Then you have "generation" with levels Boomer, GenX, Millenial. Then you will have 6 runs per each of these groups. In each set of 6 you will need to select a name without duplication from the appropriate set of names (from the last question). Create a data frame with columns treatment, variation, gender, generation, name and y that will store all the unique unit information in this experiment. Leave y empty because it will be measured as the experiment is executed. Hint, we've been using the rep function using the times argument. Look at the each argument using ?rep.

```
n = 14 * 3 * 2 * 3 * 6
\#X = data.frame(treatment = rep...,
#T0-D0
#taken from last lab:
list_within_a_list = list(
  M = list(
    Boomer = strsplit("Theodore, Bernard, Gene, Herbert, Ray, Tom, Lee, Alfred, Leroy, Eddie", split =
    GenX = strsplit("Marc, Jamie, Greg, Darryl, Tim, Dean, Jon, Chris, Troy, Jeff", split = ", ")[[1]],
    Millennial = strsplit("Zachary, Dylan, Christian, Wesley, Seth, Austin, Gabriel, Evan, Casey, Luis"
  ),
  F = list(
    Boomer = strsplit("Gloria, Joan, Dorothy, Shirley, Betty, Dianne, Kay, Marjorie, Lorraine, Mildred"
    GenX = strsplit("Tracy, Dawn, Tina, Tammy, Melinda, Tamara, Tracey, Colleen, Sherri, Heidi", split
    Millennial = strsplit("Samantha, Alexis, Brittany, Lauren, Taylor, Bethany, Latoya, Candice, Brittn
)
#starting new lab:
X = data.frame(
  treatment=rep(letters[1:14], each = 3 * 2 * 3 * 6),
  variation=rep(c("A", "B", "C"), each = 2*3*6, times = 14),
  gender=rep(c("M", "F"), each = 3 * 6, times = 14 * 3),
  generation=rep(c("Boomer", "GenX", "Millennial"), each = 6, times = 14 * 3 * 2),
  name=NA
)
for (i in seq(from = 1, to = n, by = 6)){
  gen <- X$generation[i]</pre>
  gen_group <- X$gender[i]</pre>
  names_list <- list_within_a_list[[gen_group]][[gen]]</pre>
  X$name[i:(i+5)] <- sample(names_list, 6, replace = TRUE)</pre>
}
X
```

```
##
        treatment variation gender generation
                                                         name
## 1
                             Α
                                     Μ
                                            Boomer
                                                          Tom
                  a
## 2
                             Α
                                     Μ
                                            Boomer
                  a
                                                      Herbert
## 3
                  a
                             Α
                                     М
                                            Boomer
                                                        Eddie
## 4
                             Α
                                     Μ
                                            Boomer
                                                      Bernard
                  a
## 5
                             Α
                                     Μ
                                            Boomer
                  a
                                                          Ray
## 6
                             Α
                                     Μ
                                            Boomer
                                                        Eddie
                  а
## 7
                             Α
                                     М
                                              GenX
                                                        Chris
                  a
## 8
                             Α
                                     М
                                              GenX
                                                         Greg
                  a
## 9
                             Α
                                     М
                                              GenX
                                                         Marc
```

| ## | 10 | a | Α | M      | GenX               | Darryl          |  |
|----|----|---|---|--------|--------------------|-----------------|--|
| ## | 11 | a | A | M      | GenX               | Darryl          |  |
| ## | 12 | a | A | М      | GenX               | Troy            |  |
| ## | 13 | a | Α | M      | Millennial         | Zachary         |  |
| ## | 14 | a | Α | М      | Millennial         | Zachary         |  |
| ## | 15 | a | Α | M      | Millennial         | Dylan           |  |
| ## | 16 | a | A | М      | Millennial         | Evan            |  |
| ## | 17 | a | Α | M      | ${\tt Millennial}$ | Casey           |  |
| ## | 18 | a | Α | M      | ${\tt Millennial}$ | Luis            |  |
| ## | 19 | a | Α | F      | Boomer             | Mildred         |  |
| ## | 20 | a | Α | F      | Boomer             | Gloria          |  |
| ## | 21 | a | Α | F      | Boomer             | Lorraine        |  |
| ## | 22 | a | Α | F      | Boomer             | Gloria          |  |
| ## | 23 | a | Α | F      | Boomer             | Gloria          |  |
| ## | 24 | a | A | F      | Boomer             | Joan            |  |
| ## | 25 | a | A | F      | GenX               | Melinda         |  |
| ## | 26 | a | A | F      | GenX               | Tina            |  |
| ## | 27 | a | A | F      | GenX               | Tracy           |  |
| ## | 28 | a | A | F      | GenX               | Colleen         |  |
| ## | 29 | a | A | F      | GenX               | Tracey          |  |
| ## | 30 | a | A | F      | GenX               | Tammy           |  |
| ## | 31 | a | A | F      | Millennial         | Alexis          |  |
| ## | 32 | a | A | F      | Millennial         | Bethany         |  |
| ## | 33 | a | A | F      | Millennial         | Samantha        |  |
| ## | 34 | a | Α | F      | Millennial         | Brittney        |  |
| ## | 35 | a | A | F      | Millennial         | Brittany        |  |
| ## | 36 | a | A | F      | Millennial         | Latoya          |  |
| ## | 37 | a | В | М      | Boomer             | Gene            |  |
| ## | 38 | a | В | М      | Boomer             | Ray             |  |
| ## | 39 | a | В | М      | Boomer             | Lee             |  |
| ## | 40 | a | В | М      | Boomer             | Eddie           |  |
| ## | 41 | a | В | М      | Boomer             | Leroy           |  |
| ## | 42 | a | В | М      | Boomer             | Leroy           |  |
|    | 43 | a | В | М      | GenX               | Chris           |  |
|    | 44 | a | В | М      | GenX               | Darryl          |  |
|    | 45 | a | В | М      | GenX               | Marc            |  |
|    | 46 | a | В | М      | GenX               | Greg            |  |
| ## |    | a | В | М      | GenX               | Chris           |  |
|    | 48 | a | В | М      | GenX               | Marc            |  |
|    | 49 | a | В |        | Millennial         | Evan            |  |
|    | 50 | a | В |        | Millennial         | Seth            |  |
|    | 51 | a | В |        | Millennial         |                 |  |
|    | 52 | a | В |        | Millennial         | Austin          |  |
|    | 53 | a | В |        | Millennial         | Zachary         |  |
|    | 54 | a | В | М      | Millennial         | Austin          |  |
|    | 55 |   | В | F      | Boomer             | Dorothy         |  |
|    | 56 | a | В | F      | Boomer             | Dolothy         |  |
|    | 57 | a | В | F      | Boomer             | Joan            |  |
|    | 58 | a | В | F      | Boomer             | Joan            |  |
|    | 59 | a | В | F      | Boomer             | Mildred         |  |
|    |    | a | В |        |                    |                 |  |
| ## | 60 | a | В | F      | Boomer             | Dianne          |  |
|    | 62 | a | В | F<br>F | GenX               | Sherri          |  |
|    |    | a | В | F      | GenX<br>GenX       | Tammy<br>Sherri |  |
|    | 63 | a |   |        |                    |                 |  |

| ## | 64  | a | В | F | GenX               | Sherri    |
|----|-----|---|---|---|--------------------|-----------|
| ## | 65  | a | В | F | GenX               | Tammy     |
| ## | 66  | a | В | F | GenX               | Tamara    |
| ## | 67  | a | В | F | ${\tt Millennial}$ | Candice   |
| ## | 68  | a | В | F | ${\tt Millennial}$ | Lauren    |
| ## | 69  | a | В | F | ${\tt Millennial}$ | Candice   |
| ## | 70  | a | В | F | ${\tt Millennial}$ | Candice   |
| ## | 71  | a | В | F | ${\tt Millennial}$ | Candice   |
| ## | 72  | a | В | F | ${\tt Millennial}$ | Brittany  |
| ## | 73  | a | C | M | Boomer             | Leroy     |
| ## | 74  | a | C | M | Boomer             | Eddie     |
| ## | 75  | a | C | M | Boomer             | Herbert   |
| ## | 76  | a | C | M | Boomer             | Alfred    |
| ## | 77  | a | C | M | Boomer             | Ray       |
| ## | 78  | a | C | M | Boomer             | Eddie     |
| ## | 79  | a | C | M | GenX               | Jamie     |
| ## | 80  | a | C | M | GenX               | Jon       |
| ## | 81  | a | C | M | GenX               | Chris     |
| ## | 82  | a | C | M | GenX               | Chris     |
| ## | 83  | a | C | M | GenX               | Marc      |
| ## | 84  | a | C | M | GenX               | Jon       |
| ## | 85  | a | C | M | ${\tt Millennial}$ | Zachary   |
| ## | 86  | a | C | M | ${\tt Millennial}$ | Seth      |
| ## | 87  | a | C | M | ${\tt Millennial}$ | Gabriel   |
| ## | 88  | a | C | M | ${\tt Millennial}$ | Casey     |
| ## | 89  | a | C | M | ${\tt Millennial}$ | Christian |
| ## | 90  | a | C | M | ${\tt Millennial}$ | Luis      |
| ## | 91  | a | C | F | Boomer             | Kay       |
| ## | 92  | a | C | F | Boomer             | Mildred   |
| ## | 93  | a | C | F | Boomer             | Lorraine  |
| ## | 94  | a | C | F | Boomer             | Mildred   |
| ## | 95  | a | C | F | Boomer             | Shirley   |
| ## | 96  | a | C | F | Boomer             | Lorraine  |
| ## | 97  | a | C | F | GenX               | Tamara    |
| ## | 98  | a | C | F | GenX               | Melinda   |
| ## | 99  | a | C | F | GenX               | Colleen   |
| ## | 100 | a | C | F | GenX               | Tracy     |
| ## | 101 | a | C | F | GenX               | Tammy     |
| ## | 102 | a | C | F | GenX               | Sherri    |
| ## | 103 | a | C | F | ${\tt Millennial}$ | Taylor    |
| ## | 104 | a | C | F | ${\tt Millennial}$ | Samantha  |
| ## | 105 | a | C | F | ${\tt Millennial}$ | Brittney  |
| ## | 106 | a | C | F | ${\tt Millennial}$ | Alexis    |
| ## | 107 | a | C | F | ${\tt Millennial}$ | Bethany   |
| ## | 108 | a | C | F | ${\tt Millennial}$ | Lauren    |
| ## | 109 | Ъ | A | M | Boomer             | Theodore  |
| ## | 110 | Ъ | A | M | Boomer             | Bernard   |
|    | 111 | Ъ | A | M | Boomer             | Leroy     |
|    | 112 | ъ | A | M | Boomer             | Eddie     |
|    | 113 | ъ | A | M | Boomer             | Eddie     |
| ## | 114 | ъ | A | M | Boomer             | Gene      |
|    | 115 | р | A | M | GenX               | Tim       |
| ## | 116 | Ъ | A | M | GenX               | Troy      |
| ## | 117 | Ъ | A | M | GenX               | Jamie     |
|    |     |   |   |   |                    |           |

| ## | 118 | b | A | M | GenX               | Greg      |
|----|-----|---|---|---|--------------------|-----------|
| ## | 119 | b | A | M | GenX               | Marc      |
| ## | 120 | b | A | M | GenX               | Greg      |
| ## | 121 | b | A | M | Millennial         | Zachary   |
| ## | 122 | b | A | M | Millennial         | Gabriel   |
| ## | 123 | b | A | M | Millennial         | Seth      |
| ## | 124 | b | A | M | Millennial         | Casey     |
| ## | 125 | b | A | M | Millennial         | Luis      |
| ## | 126 | b | A | M | Millennial         | Evan      |
| ## | 127 | b |   | F | Boomer             | Mildred   |
| ## | 128 | b | A | F | Boomer             | Dianne    |
| ## | 129 | b | A | F | Boomer             | Marjorie  |
| ## | 130 | b | A | F | Boomer             | Mildred   |
| ## | 131 | b | A | F | Boomer             | Shirley   |
| ## | 132 | b | A | F | Boomer             | Shirley   |
| ## | 133 | b | A | F | GenX               | Tammy     |
| ## | 134 | b | A | F | GenX               | Melinda   |
| ## | 135 | b | A | F | GenX               | Sherri    |
| ## | 136 | b | A | F | GenX               | Tina      |
| ## | 137 | b | A | F | GenX               | Tina      |
| ## | 138 | b | A | F | GenX               | Colleen   |
| ## | 139 | b | A | F | ${\tt Millennial}$ | Bethany   |
| ## | 140 | b | A | F | ${\tt Millennial}$ | Alexis    |
| ## | 141 | b | A | F | ${\tt Millennial}$ | Taylor    |
| ## | 142 | b | A | F | ${\tt Millennial}$ | Cheyenne  |
| ## | 143 | b | A | F | ${\tt Millennial}$ | Alexis    |
| ## | 144 | b | A | F | ${\tt Millennial}$ | Alexis    |
| ## | 145 | b | В | M | Boomer             | Bernard   |
| ## | 146 | b | В | M | Boomer             | Ray       |
| ## | 147 | b | В | M | Boomer             | Ray       |
| ## | 148 | b | В | M | Boomer             | Ray       |
| ## | 149 | b | В | M | Boomer             | Tom       |
| ## | 150 | b | В | M | Boomer             | Herbert   |
| ## | 151 | b | В | M | GenX               | Jamie     |
| ## | 152 | b | В | M | GenX               | Dean      |
| ## | 153 | b | В | M | GenX               | Dean      |
| ## | 154 | b | В | M | GenX               | Chris     |
| ## | 155 | b | В | M | GenX               | Darryl    |
| ## | 156 | b | В | M | GenX               | Jamie     |
| ## | 157 | b | В | M | Millennial         | Christian |
| ## | 158 | b | В | M | Millennial         | Austin    |
| ## | 159 | b | В | M | ${\tt Millennial}$ | Zachary   |
| ## | 160 | b | В | M | Millennial         | Wesley    |
| ## | 161 | b | В | M | Millennial         | Wesley    |
| ## | 162 | b | В | M | Millennial         | Austin    |
| ## | 163 | b | В | F | Boomer             | Lorraine  |
| ## | 164 | b | В | F | Boomer             | Joan      |
| ## | 165 | b |   | F | Boomer             | Betty     |
| ## | 166 | b | В | F | Boomer             | Dorothy   |
| ## | 167 | b |   | F | Boomer             | Gloria    |
| ## | 168 | b |   | F | Boomer             | Kay       |
| ## | 169 | b |   | F | GenX               | Colleen   |
| ## | 170 | b | В | F | GenX               | Tracey    |
| ## | 171 | b | В | F | GenX               | Heidi     |
|    |     |   |   |   |                    |           |

| ## | 172 | Ъ | В | F | GenX       | Melinda  |
|----|-----|---|---|---|------------|----------|
| ## | 173 | Ъ | В | F | GenX       | Melinda  |
| ## | 174 | b | В | F | GenX       | Tracy    |
| ## | 175 | Ъ | В | F | Millennial | Candice  |
| ## | 176 | Ъ | В | F | Millennial | Brittney |
| ## | 177 | Ъ | В | F | Millennial | Brittany |
| ## | 178 | Ъ | В | F | Millennial | Bethany  |
| ## | 179 | b | В | F | Millennial | Latoya   |
| ## | 180 | b | В | F | Millennial | Taylor   |
| ## | 181 | Ъ | C | M | Boomer     | Ray      |
| ## | 182 | b | C | M | Boomer     | Eddie    |
| ## | 183 | b | C | M | Boomer     | Lee      |
| ## | 184 | b | C | M | Boomer     | Alfred   |
| ## | 185 | Ъ | C | M | Boomer     | Ray      |
| ## | 186 | Ъ | C | M | Boomer     | Theodore |
| ## | 187 | Ъ | C | M | GenX       | Jon      |
| ## | 188 | Ъ | C | M | GenX       | Jon      |
| ## | 189 | Ъ | C | M | GenX       | Greg     |
| ## | 190 | Ъ | C | M | GenX       | Dean     |
| ## | 191 | b | C | M | GenX       | Marc     |
| ## | 192 | b | C | M | GenX       | Dean     |
| ## | 193 | b | C | M | Millennial | Luis     |
| ## | 194 | b | C | M | Millennial | Wesley   |
| ## | 195 | b | C | M | Millennial | Evan     |
| ## | 196 | b | C | M | Millennial | Casey    |
| ## | 197 | b | C | M | Millennial | Luis     |
| ## | 198 | Ъ | C | M | Millennial | Zachary  |
| ## | 199 | b | C | F | Boomer     | Marjorie |
| ## | 200 | b | C | F | Boomer     | Lorraine |
| ## | 201 | b | C | F | Boomer     | Gloria   |
| ## | 202 | b | C | F | Boomer     | Lorraine |
| ## | 203 | b | C | F | Boomer     | Shirley  |
| ## | 204 | Ъ | C | F | Boomer     | Mildred  |
| ## | 205 | b | C | F | GenX       | Heidi    |
| ## | 206 | b | C | F | GenX       | Tammy    |
| ## | 207 | b | C | F | GenX       | Melinda  |
| ## | 208 | b | C | F | GenX       | Tamara   |
| ## | 209 | b | C | F | GenX       | Dawn     |
| ## | 210 | b | C | F | GenX       | Tammy    |
| ## | 211 | Ъ | C | F | Millennial | Candice  |
| ## | 212 | b | C | F | Millennial | Latoya   |
| ## | 213 | Ъ | C | F | Millennial | Samantha |
|    | 214 | Ъ | C | F | Millennial | Bethany  |
| ## | 215 | b | C | F | Millennial | Cheyenne |
| ## | 216 | Ъ | C | F | Millennial | Alexis   |
| ## | 217 | С | A | М | Boomer     | Alfred   |
| ## | 218 | С | A | М | Boomer     | Ray      |
| ## | 219 | С | A | М | Boomer     | Tom      |
| ## | 220 | С | A | М | Boomer     | Bernard  |
| ## | 221 | С | A | М | Boomer     | Alfred   |
| ## | 222 | С | A | М | Boomer     | Alfred   |
| ## | 223 | С | A | М | GenX       | Marc     |
|    | 224 | С | A | М | GenX       | Tim      |
| ## | 225 | С | A | М | GenX       | Greg     |
|    |     |   |   |   |            | O        |

| ## | 226 | С | A      | M      | GenX       | Marc              |
|----|-----|---|--------|--------|------------|-------------------|
| ## | 227 | С | A      | M      | GenX       | Marc              |
| ## | 228 | С | A      | M      | GenX       | Marc              |
| ## | 229 | С | A      | M      | Millennial | ${\tt Christian}$ |
| ## | 230 | С | A      | M      | Millennial | Austin            |
| ## | 231 | С | A      | M      | Millennial | Dylan             |
| ## | 232 | С | A      | M      | Millennial | Dylan             |
| ## | 233 | С | A      | M      | Millennial | Evan              |
| ## | 234 | С | A      | M      | Millennial | Christian         |
| ## | 235 | С | A      | F      | Boomer     | Gloria            |
| ## | 236 | С | A      | F      | Boomer     | Shirley           |
| ## | 237 | С | A      | F      | Boomer     | Joan              |
| ## | 238 | С | A      | F      | Boomer     | Kay               |
| ## | 239 | С | A      | F      | Boomer     | Shirley           |
| ## | 240 | С | A      | F      | Boomer     | Betty             |
| ## | 241 | С | A      | F      | GenX       | Colleen           |
| ## | 242 | С | A      | F      | GenX       | Tracey            |
| ## | 243 | С | A      | F      | GenX       | Tracy             |
| ## | 244 | C | A      | F      | GenX       | Tamara            |
| ## | 245 | С | A      | F      | GenX       | Dawn              |
| ## | 246 | С | A      | F      | GenX       | Melinda           |
| ## | 247 | С | A      | F      | Millennial | Latoya            |
| ## | 248 | С | A      | F      | Millennial | Alexis            |
| ## | 249 | c | A      | F      | Millennial | Brittany          |
| ## | 250 | c | A      | F      | Millennial | Samantha          |
| ## | 251 | c | A      | F      | Millennial | Brittney          |
| ## | 252 | c | A      | F      | Millennial | Lauren            |
| ## | 253 | С | В      | M      | Boomer     | Leroy             |
| ## | 254 | c | В      | M      | Boomer     | Theodore          |
| ## | 255 | c | В      | M      | Boomer     | Herbert           |
| ## | 256 | c | В      | M      | Boomer     | Gene              |
| ## | 257 | c | В      | M      | Boomer     | Gene              |
| ## | 258 | c | В      | M      | Boomer     | Gene              |
| ## | 259 | c | В      | M      | GenX       | Greg              |
| ## | 260 | c | В      | M      | GenX       | Dean              |
| ## | 261 | c | В      | M      | GenX       | Jeff              |
| ## | 262 | c | В      | M      | GenX       | Jamie             |
| ## | 263 |   | В      | M      | GenX       | Dean              |
| ## | 264 | c | В      | M      | GenX       | Jeff              |
| ## | 265 | c | В      | M      | Millennial | Casey             |
| ## | 266 | c | В      | M      | Millennial | Austin            |
| ## | 267 | c | В      | M      | Millennial | Dylan             |
| ## | 268 |   | В      | M      |            | Luis              |
| ## | 269 | c | В      |        | Millennial | Seth              |
| ## | 270 |   | В      | M      | Millennial |                   |
| ## | 271 | С | В      | F      | Boomer     |                   |
| ## | 272 | С | В      | r<br>F |            | Marjorie          |
|    |     | С |        |        | Boomer     | Shirley           |
| ## | 273 | С | B<br>B | F<br>F | Boomer     | Joan              |
|    | 274 | С |        |        | Boomer     | Shirley           |
| ## | 275 | С | В      | F      | Boomer     | Dorothy           |
| ## | 276 | С | В      | F      | Boomer     | Shirley           |
| ## | 277 | С | В      | F      | GenX       | Tamara            |
| ## | 278 | С | В      | F      | GenX       | Tamara            |
| ## | 279 | С | В      | F      | GenX       | Tamara            |

| ## | 280 | С      | В      | F  | GenX               | Sherri   |
|----|-----|--------|--------|----|--------------------|----------|
| ## | 281 | С      | В      | F  | GenX               | Colleen  |
| ## | 282 | С      | В      | F  | GenX               | Tina     |
| ## | 283 | С      | В      | F  | ${\tt Millennial}$ | Samantha |
| ## | 284 | С      | В      | F  | ${\tt Millennial}$ | Bethany  |
| ## | 285 | С      | В      | F  | ${\tt Millennial}$ | Bethany  |
| ## | 286 | С      | В      | F  | ${\tt Millennial}$ | Brittney |
| ## | 287 | С      | В      | F  | Millennial         | Brittany |
| ## | 288 | С      | В      | F  | Millennial         | Cheyenne |
| ## | 289 | С      | C      | M  | Boomer             | Ray      |
| ## | 290 | С      | C      | M  | Boomer             | Lee      |
| ## | 291 | С      | C      | M  | Boomer             | Leroy    |
| ## | 292 | С      | C      | M  | Boomer             | Tom      |
| ## | 293 | С      | C      | M  | Boomer             | Gene     |
| ## | 294 | С      | C      | М  | Boomer             | Bernard  |
| ## | 295 | С      | C      | М  | GenX               | Chris    |
| ## | 296 | С      | C      | М  | GenX               | Jon      |
| ## | 297 | С      | C      | M  | GenX               | Tim      |
| ## | 298 | С      | C      | M  | GenX               | Jon      |
| ## | 299 | С      | C      | M  | GenX               | Troy     |
| ## | 300 | С      | C      | М  | GenX               | Darryl   |
| ## | 301 | С      | C      | М  | Millennial         | •        |
| ## | 302 | С      | C      | М  | Millennial         | Gabriel  |
| ## | 303 | С      | C      | М  | Millennial         | Luis     |
| ## | 304 | С      | C      | М  | Millennial         | Zachary  |
| ## | 305 | С      | С      | М  | Millennial         | Gabriel  |
| ## | 306 | С      | C      | М  | Millennial         | Zachary  |
| ## | 307 | С      | C      | F  | Boomer             | Kay      |
| ## | 308 | С      | С      | F  | Boomer             | Dorothy  |
| ## | 309 | С      | C      | F  | Boomer             | Joan     |
| ## | 310 | С      | C      | F  | Boomer             | Dorothy  |
| ## | 311 | С      | C      | F  | Boomer             | Lorraine |
| ## | 312 | С      | C      | F  | Boomer             | Lorraine |
| ## | 313 | С      | C      | F  | GenX               | Melinda  |
| ## | 314 | С      | C      | F  | GenX               | Colleen  |
| ## | 315 | С      | C      | F  | GenX               | Tamara   |
| ## | 316 | С      | C      | F  | GenX               | Heidi    |
| ## | 317 | C      | C      | F  | GenX               | Colleen  |
| ## | 318 | С      | C      | F  | GenX               | Melinda  |
| ## | 319 | C      | C      | F  | Millennial         | Candice  |
| ## | 320 | C      | C      | F  | Millennial         | Lauren   |
| ## | 321 | С      | C      | F  | Millennial         | Samantha |
| ## | 322 | C      | C      | F  | Millennial         | Bethany  |
| ## | 323 | C      | C      | F  | Millennial         | Brittany |
| ## | 324 | С      | C      | F  | Millennial         | Bethany  |
| ## | 325 | d      | A      | M  | Boomer             | Theodore |
| ## | 326 | d      | A      | M  | Boomer             | Eddie    |
| ## | 327 | d      | A      | M  | Boomer             | Herbert  |
| ## | 328 | d      | A      | M  | Boomer             | Lee      |
| ## | 329 | d<br>d | A      | M  | Boomer             | Bernard  |
| ## | 330 | d<br>d | A      | M  | Boomer             | Tom      |
| ## | 331 | d<br>d | A<br>A | M  | GenX               | Jamie    |
| ## | 332 | d<br>d | A      | M  | GenX               | Darryl   |
| ## | 333 | d<br>d | A<br>A | M  | GenX               | Troy     |
| ## | JJJ | a      | A      | 11 | Genv               | 1109     |

|          |     |        |   |   | ~          |               |
|----------|-----|--------|---|---|------------|---------------|
| ##       | 334 | d      | A | M | GenX       | Darryl        |
| ##       | 335 | d      | A | М | GenX       | Jamie         |
| ##       | 336 | d      | A | М | GenX       | Chris         |
| ##       | 337 | d      | A | M | Millennial | Austin        |
| ##       | 338 | d      | A | M | Millennial | Zachary       |
| ##       | 339 | d      | A | М | Millennial | Dylan         |
| ##       | 340 | d      | A | М | Millennial | Austin        |
| ##       | 341 | d      | A | M | Millennial |               |
| ##       | 342 | d      | A | M | Millennial | Wesley        |
| ##       | 343 | d      | A | F | Boomer     | Marjorie      |
| ##       | 344 | d      | A | F | Boomer     | Marjorie      |
| ##       | 345 | d      | A | F | Boomer     | Marjorie      |
| ##       | 346 | d      | A | F | Boomer     | Dianne        |
| ##       | 347 | d      | A | F | Boomer     | Dorothy       |
| ##       | 348 | d      | A | F | Boomer     | Lorraine      |
| ##       | 349 | d      | A | F | GenX       | Colleen       |
| ##       | 350 | d      | A | F | GenX       | Tammy         |
| ##       | 351 | d      | A | F | GenX       | Tamara        |
| ##       | 352 | d      | A | F | GenX       | Tammy         |
| ##       | 353 | d      | A | F | GenX       | Tina          |
| ##       | 354 | d      | A | F | GenX       | Heidi         |
| ##       | 355 | d      | A | F | Millennial | Lauren        |
| ##       | 356 | d      | A | F | Millennial | Brittney      |
| ##       | 357 | d      | A | F | Millennial | Alexis        |
| ##       | 358 | d      | A | F | Millennial | Alexis        |
| ##       | 359 | d      | A | F | Millennial | Taylor        |
| ##       | 360 | d      | A | F | Millennial | Brittany      |
| ##       | 361 | d      | В | М | Boomer     | Leroy         |
| ##       | 362 | d      | В | М | Boomer     | Ray           |
| ##       | 363 | d      | В | М | Boomer     | Eddie         |
| ##       | 364 | d      | В | М | Boomer     | Leroy         |
| ##       | 365 | d      | В | M | Boomer     | Lee           |
| ##       | 366 | d      | В | M | Boomer     | Alfred        |
| ##       | 367 | d      | В | M | GenX       | Darryl        |
| ##       | 368 | d      | В | M | GenX       | Marc          |
| ##       | 369 | d      | В | M | GenX       | Chris         |
| ##       | 370 | d      | В | M | GenX       | Darryl        |
| ##       | 371 | d      | В | M | GenX       |               |
| ##       | 372 | d      | В | M | GenX       | Darryl<br>Tim |
| ##       | 373 | d<br>d | В |   | Millennial | Zachary       |
| ##       | 374 | d<br>d | В | M | Millennial | Gabriel       |
| ##       |     | d<br>d | В |   | Millennial | Seth          |
|          | 375 |        |   |   | Millennial |               |
| ##<br>## | 376 | d<br>d | В |   |            |               |
|          | 377 |        | В |   | Millennial | Wesley        |
| ##       | 378 | d      | В | M | Millennial | Casey         |
| ##       | 379 | d      | В | F | Boomer     | Gloria        |
| ##       | 380 | d      | В | F | Boomer     | Kay           |
| ##       | 381 | d      | В | F | Boomer     | Dorothy       |
| ##       | 382 | d      | В | F | Boomer     | Mildred       |
| ##       | 383 | d      | В | F | Boomer     | Shirley       |
| ##       | 384 | d      | В | F | Boomer     | Betty         |
| ##       | 385 | d      | В | F | GenX       | Tracey        |
| ##       | 386 | d      | В | F | GenX       | Colleen       |
| ##       | 387 | d      | В | F | GenX       | Tammy         |

| ##                                     |  |   |                           |  |  |   |
|--|--|---|---------------------------|--|--|---|
| ##                                     | 388  | d   | В                         | F  | GenX   | Tina  |
| ##                                     | 389  | d   | В                         | F  | GenX   | Tina  |
| ##                                     | 390  | d   | В                         | F  | GenX   | Colleen   |
| ##                                     | 391  | d   | В                         | F  | ${\tt Millennial}$   | Cheyenne  |
| ##                                     | 392  | d   | В                         | F  | ${\tt Millennial}$   | Latoya  |
| ##                                     | 393  | d   | В                         | F  | ${\tt Millennial}$   | Brittney  |
| ##                                     | 394  | d   | В                         | F  | ${\tt Millennial}$   | Cheyenne  |
| ##                                     | 395  | d   | В                         | F  | ${\tt Millennial}$   | Latoya  |
| ##                                     | 396  | d   | В                         | F  | ${\tt Millennial}$   | Latoya  |
| ##                                     | 397  | d   | C                         | M  | Boomer   | Bernard   |
| ##                                     | 398  | d   | C                         | M  | Boomer   | Tom   |
| ##                                     | 399  | d   | C                         | M  | Boomer   | Alfred  |
| ##                                     | 400  | d   | C                         | M  | Boomer   | Lee   |
| ##                                     | 401  | d   | C                         | М  | Boomer   | Lee   |
| ##                                     | 402  | d   | C                         | M  | Boomer   | Leroy   |
| ##                                     | 403  | d   | C                         | M  | GenX   | Jon   |
| ##                                     | 404  | d   | C                         | M  | GenX   | Darryl  |
| ##                                     | 405  | d   | C                         | M  | GenX   | Jon   |
| ##                                     | 406  | d   | C                         | M  | GenX   | Greg  |
| ##                                     | 407  | d   | C                         | M  | GenX   | Jon   |
| ##                                     | 408  | d   | C                         | М  | GenX   | Greg  |
| ##                                     | 409  | d   | C                         | М  | Millennial   | Wesley  |
| ##                                     | 410  | d   | C                         | М  | Millennial   | Luis  |
| ##                                     | 411  | d   | С                         | М  | Millennial   | Austin  |
| ##                                     | 412  | d   | С                         | М  | Millennial   | Dylan   |
| ##                                     | 413  | d   | С                         | М  | Millennial   | -   |
| ##                                     | 414  | d   | С                         | М  | Millennial   | Wesley  |
| ##                                     | 415  | d   | С                         | F  | Boomer   | Marjorie  |
| ##                                     | 416  | d   | С                         | F  | Boomer   | Joan  |
| ##                                     | 417  | d   | С                         | F  | Boomer   | Gloria  |
| ##                                     | 418  | d   | С                         | F  | Boomer   | Shirley   |
|  |  | d   | С                         | F  | Boomer   | Betty   |
| ##                                     | 419  |   |                           |  |  |   |
| ##                                     | 419<br>420   | d   | C                         | F  | Boomer   | •   |
| ##                                     | 420  | d   | C                         | F  | Boomer<br>GenX   | Betty   |
| ##<br>##                               | 420<br>421   | d<br>d                                    | C<br>C                    | F<br>F   | GenX   | Betty<br>Colleen  |
| ##<br>##<br>##                         | 420<br>421<br>422  | d<br>d<br>d                               | C<br>C<br>C               | F<br>F<br>F  | GenX<br>GenX   | Betty<br>Colleen<br>Dawn  |
| ##<br>##<br>##<br>##                   | 420<br>421<br>422<br>423   | d<br>d<br>d                               | C<br>C<br>C               | F<br>F<br>F  | GenX<br>GenX<br>GenX   | Betty<br>Colleen<br>Dawn<br>Tamara  |
| ##<br>##<br>##<br>##                   | 420<br>421<br>422<br>423<br>424  | d<br>d<br>d<br>d                          | C<br>C<br>C<br>C          | F<br>F<br>F<br>F   | GenX<br>GenX<br>GenX<br>GenX   | Betty<br>Colleen<br>Dawn<br>Tamara<br>Tracey  |
| ##<br>##<br>##<br>##<br>##             | 420<br>421<br>422<br>423<br>424<br>425   | d<br>d<br>d<br>d<br>d                     | C<br>C<br>C<br>C          | F<br>F<br>F<br>F   | GenX<br>GenX<br>GenX<br>GenX   | Betty<br>Colleen<br>Dawn<br>Tamara<br>Tracey<br>Tamara  |
| ##<br>##<br>##<br>##<br>##<br>##       | 420<br>421<br>422<br>423<br>424<br>425<br>426  | d<br>d<br>d<br>d<br>d<br>d                | C<br>C<br>C<br>C<br>C     | F<br>F<br>F<br>F<br>F  | GenX<br>GenX<br>GenX<br>GenX<br>GenX   | Betty<br>Colleen<br>Dawn<br>Tamara<br>Tracey<br>Tamara<br>Tracy   |
| ##<br>##<br>##<br>##<br>##<br>##       | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427   | d<br>d<br>d<br>d<br>d<br>d                | C C C C C                 | F<br>F<br>F<br>F<br>F<br>F   | GenX<br>GenX<br>GenX<br>GenX<br>GenX<br>Millennial   | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney  |
| ##<br>##<br>##<br>##<br>##<br>##       | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428  | d<br>d<br>d<br>d<br>d<br>d<br>d           | C C C C C C               | F<br>F<br>F<br>F<br>F<br>F   | GenX<br>GenX<br>GenX<br>GenX<br>GenX<br>Millennial   | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis   |
| ##<br>##<br>##<br>##<br>##<br>##<br>## | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429   | d<br>d<br>d<br>d<br>d<br>d<br>d           |                           | F<br>F<br>F<br>F<br>F<br>F<br>F                                    | GenX GenX GenX GenX GenX GenX Millennial Millennial  | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha  |
| ##<br>##<br>##<br>##<br>##<br>##<br>## | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429<br>430  | d<br>d<br>d<br>d<br>d<br>d<br>d<br>d      |                           | F<br>F<br>F<br>F<br>F<br>F<br>F<br>F<br>F                          | GenX GenX GenX GenX GenX GenX Millennial Millennial Millennial   | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha Lauren   |
| ##<br>##<br>##<br>##<br>##<br>##<br>## | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429<br>430<br>431   | d<br>d<br>d<br>d<br>d<br>d<br>d<br>d      |                           | F<br>F<br>F<br>F<br>F<br>F<br>F<br>F<br>F                          | GenX GenX GenX GenX GenX GenX Millennial Millennial Millennial Millennial  | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha Lauren Bethany   |
| ## ## ## ## ## ## ## ## ## ## ## ## ## | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429<br>430<br>431<br>432  | d<br>d<br>d<br>d<br>d<br>d<br>d<br>d      |                           | F<br>F<br>F<br>F<br>F<br>F<br>F<br>F<br>F<br>F<br>F<br>F<br>F<br>F | GenX GenX GenX GenX GenX GenX Millennial Millennial Millennial Millennial  | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha Lauren Bethany Lauren  |
| ## ## ## ## ## ## ## ## ## ## ## ## ## | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429<br>430<br>431<br>432<br>433   | d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d | C C C C C C C A           | F F F F F F F F F F F F F F F F F F F                              | GenX GenX GenX GenX GenX GenX Millennial Millennial Millennial Millennial Millennial Millennial  | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha Lauren Bethany Lauren Theodore                                 |
| ## ## ## ## ## ## ## ## ## ## ## ## ## | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429<br>430<br>431<br>432<br>433<br>434                                    | d d d d d d d d d d d                     | C C C C C C A A           | F F F F F F F F F M M  | GenX GenX GenX GenX GenX GenX Millennial Millennial Millennial Millennial Millennial Millennial Momer Boomer   | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha Lauren Bethany Lauren Theodore Alfred                          |
| ###################################### | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429<br>430<br>431<br>432<br>433<br>434<br>435                             | d d d d d d d d d d e e                   | C C C C C C A A A         | F F F F F F F F F M M M  | GenX GenX GenX GenX GenX GenX Millennial Millennial Millennial Millennial Millennial Millennial Moomer Boomer Boomer                                 | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha Lauren Bethany Lauren Theodore Alfred Eddie                    |
| ###################################### | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429<br>430<br>431<br>432<br>433<br>434<br>435<br>436                      | d d d d d d d d d e e e                   | C C C C C C C A A A A     | F F F F F F F F F M M M M  | GenX GenX GenX GenX GenX GenX Millennial Millennial Millennial Millennial Millennial Millennial Moomer Boomer Boomer Boomer                          | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha Lauren Bethany Lauren Theodore Alfred Eddie Leroy              |
| ###################################### | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429<br>430<br>431<br>432<br>433<br>434<br>435<br>436<br>437               | d d d d d d d d d e e e e                 | C C C C C C A A A A A     | F F F F F F F F F M M M M M  | GenX GenX GenX GenX GenX GenX Millennial Millennial Millennial Millennial Millennial Millennial Millennial Boomer Boomer Boomer Boomer               | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha Lauren Bethany Lauren Theodore Alfred Eddie Leroy Lee          |
| ###################################### | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429<br>430<br>431<br>432<br>433<br>434<br>435<br>436<br>437<br>438        | d d d d d d d d d e e e e                 | C C C C C C A A A A A A   | FFFFFFFFMMMMMMM  | GenX GenX GenX GenX GenX GenX Millennial Millennial Millennial Millennial Millennial Millennial Millennial Boomer Boomer Boomer Boomer Boomer Boomer | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha Lauren Bethany Lauren Theodore Alfred Eddie Leroy Lee Tom      |
| ###################################### | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429<br>430<br>431<br>432<br>433<br>434<br>435<br>436<br>437<br>438<br>439 | d d d d d d d e e e e e e                 | C C C C C C A A A A A A A | FFFFFFFMMMMMMMMM   | GenX GenX GenX GenX GenX GenX Millennial Millennial Millennial Millennial Millennial Millennial Millennial Boomer Boomer Boomer Boomer Boomer GenX   | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha Lauren Bethany Lauren Theodore Alfred Eddie Leroy Lee Tom Greg |
| ########################               | 420<br>421<br>422<br>423<br>424<br>425<br>426<br>427<br>428<br>429<br>430<br>431<br>432<br>433<br>434<br>435<br>436<br>437<br>438        | d d d d d d d d d e e e e                 | C C C C C C A A A A A A   | FFFFFFFFMMMMMMM  | GenX GenX GenX GenX GenX GenX Millennial Millennial Millennial Millennial Millennial Millennial Millennial Boomer Boomer Boomer Boomer Boomer Boomer | Betty Colleen Dawn Tamara Tracey Tamara Tracy Brittney Alexis Samantha Lauren Bethany Lauren Theodore Alfred Eddie Leroy Lee Tom      |

| ## | 442 | е | A | M | GenX               | Tim       |
|----|-----|---|---|---|--------------------|-----------|
| ## | 443 | е | A | M | GenX               | Troy      |
| ## | 444 | е | A | M | GenX               | Tim       |
| ## | 445 | е | A | M | Millennial         | Christian |
| ## | 446 | е | A | M | Millennial         | Seth      |
| ## | 447 | е | A | M | ${\tt Millennial}$ | Zachary   |
| ## | 448 | е | A | M | ${\tt Millennial}$ | Wesley    |
| ## | 449 | е | A | M | ${\tt Millennial}$ | Gabriel   |
| ## | 450 | е | A | M | ${\tt Millennial}$ | Austin    |
| ## | 451 | е | A | F | Boomer             | Dianne    |
| ## | 452 | е | A | F | Boomer             | Dianne    |
| ## | 453 | е | A | F | Boomer             | Kay       |
| ## | 454 | е | A | F | Boomer             | Betty     |
| ## | 455 | е | A | F | Boomer             | Dorothy   |
| ## | 456 | е | A | F | Boomer             | Dianne    |
| ## | 457 | е | A | F | GenX               | Dawn      |
| ## | 458 | е | A | F | GenX               | Tracy     |
| ## | 459 | е | A | F | GenX               | Tammy     |
| ## | 460 | е | A | F | GenX               | Colleen   |
| ## | 461 | е | A | F | GenX               | Tracey    |
| ## | 462 | е | A | F | GenX               | Tammy     |
| ## | 463 | е | A | F | Millennial         | Samantha  |
| ## | 464 | е | A | F | Millennial         | Alexis    |
| ## | 465 | е | A | F | Millennial         | Candice   |
| ## | 466 | е | A | F | Millennial         | Cheyenne  |
| ## | 467 | е | A | F | Millennial         | Samantha  |
| ## | 468 | е | A | F | Millennial         | Candice   |
| ## | 469 | е | В | M | Boomer             | Alfred    |
| ## | 470 | е | В | M | Boomer             | Gene      |
| ## | 471 | е | В | М | Boomer             | Alfred    |
| ## | 472 | е | В | М | Boomer             | Eddie     |
| ## | 473 | е | В | М | Boomer             | Tom       |
| ## | 474 | е | В | М | Boomer             | Eddie     |
| ## | 475 | е | В | М | GenX               | Dean      |
| ## | 476 | е | В | М | GenX               | Marc      |
| ## | 477 | е | В | М | GenX               | Dean      |
| ## | 478 | е | В | М | GenX               | Darryl    |
| ## | 479 | е | В | М | GenX               | Tim       |
|    | 480 | е | В | М | GenX               | Marc      |
| ## | 481 | е | В | М | Millennial         | Gabriel   |
|    | 482 | е | В | М | Millennial         | Austin    |
|    | 483 | е | В | М |                    |           |
|    | 484 | е | В | М | Millennial         | Dylan     |
| ## | 485 | e | В |   | Millennial         | Casey     |
| ## | 486 | е | В | М | Millennial         | Evan      |
| ## | 487 | е | В | F | Boomer             | Dianne    |
| ## | 488 | е | В | F | Boomer             | Marjorie  |
| ## | 489 | е | В | F | Boomer             | Marjorie  |
| ## | 490 | e | В | F | Boomer             | Dianne    |
| ## | 491 | e | В | F | Boomer             | Betty     |
| ## | 492 | e | В | F | Boomer             | Kay       |
|    | 493 | e | В | F | GenX               | Colleen   |
| ## | 494 | e | В | F | GenX               | Colleen   |
| ## | 495 | e | В | F | GenX               | Tina      |
|    |     | · | - | = |                    |           |

| ## | 496  | е | В  | F | ${\tt GenX}$ | Sherri   |
|----|------|---|----|---|--------------|----------|
| ## | 497  | е | В  | F | GenX         | Tamara   |
| ## | 498  | е | В  | F | GenX         | Sherri   |
| ## | 499  | е | В  | F | Millennial   | Lauren   |
| ## | 500  | е | В  | F | Millennial   | Brittney |
| ## | 501  | е | В  | F | Millennial   | Latoya   |
| ## | 502  | е | В  | F | Millennial   | Bethany  |
| ## | 503  | е | В  | F | Millennial   | Lauren   |
| ## | 504  | е | В  | F | Millennial   | Candice  |
| ## | 505  | е | C  | M | Boomer       | Tom      |
| ## | 506  | е | C  | M | Boomer       | Tom      |
| ## | 507  | е | C  | M | Boomer       | Bernard  |
| ## | 508  | е | C  | M | Boomer       | Ray      |
| ## | 509  | е | C  | M | Boomer       | Bernard  |
| ## | 510  | е | C  | М | Boomer       | Ray      |
| ## | 511  | е | C  | М | GenX         | Troy     |
| ## | 512  | е | C  | М | GenX         | Tim      |
| ## | 513  | е | C  | М | GenX         | Tim      |
| ## | 514  | е | C  | М | GenX         | Jamie    |
| ## | 515  | е | C  | М | GenX         | Chris    |
| ## | 516  | е | C  | М | GenX         | Tim      |
| ## | 517  | е | C  | М | Millennial   | Austin   |
| ## | 518  | е | C  | М | Millennial   | Seth     |
| ## | 519  | е | C  | М | Millennial   | Luis     |
| ## | 520  | е | C  | М | Millennial   | Casey    |
| ## | 521  | е | C  | М | Millennial   | Zachary  |
|    | 522  | е | C  |   | Millennial   | Austin   |
|    | 523  | е | C  | F | Boomer       | Betty    |
|    | 524  | е | C  | F | Boomer       | Gloria   |
|    | 525  | е | C  | F | Boomer       | Mildred  |
|    | 526  | е | C  | F | Boomer       | Dianne   |
|    | 527  | е | C  | F | Boomer       | Mildred  |
|    | 528  | е | C  | F | Boomer       | Lorraine |
|    | 529  | е | C  | F | GenX         | Melinda  |
|    | 530  | e | C  | F | GenX         | Melinda  |
|    | 531  | e | C  | F | GenX         | Tammy    |
|    | 532  | е | C  | F | GenX         | Tina     |
|    | 533  | е | C  | F | GenX         | Tammy    |
|    | 534  | e | C  | F | GenX         | Colleen  |
|    | 535  | e | C  | F | Millennial   | Taylor   |
|    | 536  | е | C  | F | Millennial   | Latoya   |
|    | 537  | e | C  | F | Millennial   | Candice  |
|    | 538  | e | C  | F | Millennial   | Latoya   |
| ## | 539  | e | C  | F | Millennial   | Brittany |
| ## | 540  | е | С  | F | Millennial   | Lauren   |
| ## | 541  | f | A  | М | Boomer       | Herbert  |
| ## | 542  | f | A  | М | Boomer       | Ray      |
| ## | 543  | f | A  | М | Boomer       | Herbert  |
| ## | 544  | f | A  | М | Boomer       | Leroy    |
|    | 545  | f | A  | М | Boomer       | Alfred   |
|    | 546  | f | A  | М | Boomer       | Theodore |
|    | 547  | f | A  | М | GenX         | Jon      |
|    | 548  | f | A  | M | GenX         | Jon      |
|    | 549  | f | A  | М | GenX         | Troy     |
|    | - 10 | - | 11 |   | Conn         | 1109     |

| ## | 550        | f | A | M      | GenX               | Jon               |
|----|------------|---|---|--------|--------------------|-------------------|
| ## | 551        | f | A | M      | GenX               | Chris             |
| ## | 552        | f | A | M      | GenX               | Jon               |
| ## | 553        | f | A | M      | ${\tt Millennial}$ | Seth              |
| ## | 554        | f | A | M      | ${\tt Millennial}$ | Luis              |
| ## | 555        | f | A | M      | ${\tt Millennial}$ | Gabriel           |
| ## | 556        | f | A | M      | ${\tt Millennial}$ | ${\tt Christian}$ |
| ## | 557        | f | A | M      | Millennial         | Casey             |
| ## | 558        | f | A | M      | Millennial         | ${\tt Christian}$ |
| ## | 559        | f | A | F      | Boomer             | Betty             |
| ## | 560        | f | A | F      | Boomer             | Mildred           |
| ## | 561        | f | A | F      | Boomer             | Kay               |
| ## | 562        | f | A | F      | Boomer             | Dianne            |
| ## | 563        | f | A | F      | Boomer             | Kay               |
| ## | 564        | f | A | F      | Boomer             | Gloria            |
| ## | 565        | f | A | F      | GenX               | Sherri            |
| ## | 566        | f | A | F      | GenX               | Tamara            |
| ## | 567        | f | A | F      | GenX               | Heidi             |
| ## | 568        | f | A | F      | GenX               | Tracey            |
| ## | 569        | f | A | F      | GenX               | Tammy             |
| ## | 570        | f | A | F      | GenX               | Tracey            |
| ## | 571        | f | A | F      | Millennial         | Lauren            |
| ## | 572        | f | A | F      | Millennial         | Candice           |
| ## | 573        | f | A | F      | Millennial         | Latoya            |
| ## | 574        | f | A | F      | Millennial         | Latoya            |
| ## | 575        | f | A | F      | Millennial         | Taylor            |
| ## | 576        | f | A | F      | Millennial         | Bethany           |
| ## | 577        | f | В | М      | Boomer             | Alfred            |
| ## | 578        | f | В | М      | Boomer             | Herbert           |
| ## | 579        | f | В | М      | Boomer             | Eddie             |
| ## | 580        | f | В | М      | Boomer             | Alfred            |
| ## | 581        | f | В | М      | Boomer             | Ray               |
| ## | 582        | f | В | М      | Boomer             | Lee               |
| ## | 583        | f | В | М      | GenX               | Tim               |
| ## | 584        | f | В | M      | GenX               | Darryl            |
| ## | 585        | f | В | M      | GenX               | Jamie             |
| ## | 586        | f | В | М      | GenX               | Dean              |
| ## | 587        | f | В | М      | GenX               | Jamie             |
| ## | 588        | f | В | M      | GenX               | Jon               |
| ## | 589        | f | В | М      | Millennial         | Gabriel           |
| ## | 590        | f | В | M      | Millennial         | Evan              |
| ## | 591        | f | В | M      |                    | Austin            |
| ## | 592        | f | В | M      |                    | Gabriel           |
| ## | 593        | f | В |        | Millennial         | Evan              |
| ## | 594        | f | В | M      | Millennial         |                   |
| ## | 595        | f | В | F      | Boomer             | Dorothy           |
| ## | 596        | f | В | F      | Boomer             | Dorothy           |
| ## | 597        | f | В | F      |                    | •                 |
| ## | 598        | f | В | r<br>F | Boomer<br>Boomer   | Marjorie<br>Kay   |
| ## | 599        | f | В | r<br>F | Boomer             | Betty             |
| ## |            | f | В | r<br>F |                    | =                 |
| ## | 600<br>601 | f | В | r<br>F | Boomer             | Dorothy           |
| ## |            | f | В | r<br>F | GenX               | Heidi             |
|    | 602        |   |   |        | GenX               | Heidi             |
| ## | 603        | f | В | F      | GenX               | Tamara            |

| ## | 604        | f | В      | F      | ${\tt GenX}$         | Tammy             |  |
|----|------------|---|--------|--------|----------------------|-------------------|--|
| ## | 605        | f | В      | F      | GenX                 | Sherri            |  |
| ## | 606        | f | В      | F      | ${\tt GenX}$         | Tracey            |  |
| ## | 607        | f | В      | F      | Millennial           | Candice           |  |
| ## | 608        | f | В      | F      | Millennial           | Bethany           |  |
| ## | 609        | f | В      | F      | Millennial           | Candice           |  |
| ## | 610        | f | В      | F      | Millennial           | Taylor            |  |
| ## | 611        | f | В      | F      | Millennial           | Brittney          |  |
| ## | 612        | f | В      | F      | Millennial           | Cheyenne          |  |
| ## | 613        | f | C      | М      | Boomer               | Leroy             |  |
| ## | 614        | f | C      | М      | Boomer               | Tom               |  |
| ## | 615        | f | C      | М      | Boomer               | Bernard           |  |
| ## | 616        | f | C      | М      | Boomer               | Leroy             |  |
|    | 617        | f | С      | М      | Boomer               | Herbert           |  |
|    | 618        | f | С      | М      | Boomer               | Theodore          |  |
|    | 619        | f | С      | М      | GenX                 | Jeff              |  |
|    | 620        | f | С      | М      | GenX                 | Darryl            |  |
|    | 621        | f | C      | М      | GenX                 | Tim               |  |
|    | 622        | f | C      | М      | GenX                 | Darryl            |  |
|    | 623        | f | С      | М      | GenX                 | Marc              |  |
|    | 624        | f | C      | М      | GenX                 | Tim               |  |
|    | 625        | f | C      | М      | Millennial           | Luis              |  |
|    | 626        | f | C      |        | Millennial           | Zachary           |  |
|    | 627        | f | C      |        | Millennial           | •                 |  |
|    | 628        | f | C      |        | Millennial           | Luis              |  |
|    | 629        | f | C      |        | Millennial           | Seth              |  |
|    | 630        | f | C      |        | Millennial           | Zachary           |  |
|    | 631        | f | C      | F      | Boomer               | Shirley           |  |
|    | 632        | f | C      | F      | Boomer               | Dianne            |  |
|    | 633        | f | C      | F      | Boomer               | Shirley           |  |
|    | 634        | f | C      | F      | Boomer               | Shirley           |  |
|    | 635        | f | C      | F      | Boomer               | Joan              |  |
|    | 636        | f | C      | F      | Boomer               | Dianne            |  |
|    | 637        | f | C      | F      | GenX                 | Tammy             |  |
|    | 638        | f | C      | F      | GenX                 | Sherri            |  |
|    | 639        | f | C      | F      | GenX                 | Heidi             |  |
|    | 640        | f | C      | F      | GenX                 | Heidi             |  |
|    | 641        | f | C      | F      | GenX                 | Dawn              |  |
|    | 642        | f | C      | F      | GenX                 | Tracey            |  |
|    | 643        | f | C      |        | Millennial           | Candice           |  |
|    | 644        | f | C      |        | Millennial           | Latoya            |  |
|    | 645        | f | C      |        | Millennial           | Cheyenne          |  |
|    | 646        | f | C      |        | Millennial           | Latoya            |  |
|    | 647        | f | C      |        | Millennial           | Candice           |  |
|    |            | f | C      |        |                      |                   |  |
|    | 648<br>649 |   | A      | F<br>M | Millennial<br>Boomer | Alexis<br>Bernard |  |
|    |            | g |        |        |                      |                   |  |
|    | 650<br>651 | g | A<br>^ | M<br>M | Boomer               | Lee               |  |
|    | 651        | g | A      | М<br>м | Boomer               | Alfred            |  |
|    | 652        | g | A      | М<br>м | Boomer               | Gene              |  |
|    | 653        | g | A      | M      | Boomer               | Bernard           |  |
|    | 654        | g | A      | M<br>M | Boomer               | Theodore          |  |
|    | 655        | g | A      | M      | GenX                 | Troy              |  |
|    | 656        | g | A      | M      | GenX                 | Jamie             |  |
| ## | 657        | g | A      | М      | GenX                 | Tim               |  |
|    |            |   |        |        |                      |                   |  |

| ##       | 658        | g      | A      | M      | GenX                  | Jeff          |
|----------|------------|--------|--------|--------|-----------------------|---------------|
| ##       | 659        | g      | Α      | M      | GenX                  | Tim           |
| ##       | 660        | g      | Α      | M      | GenX                  | Marc          |
| ##       | 661        | g      | Α      | M      | Millennial            | Seth          |
| ##       | 662        | g      | Α      | M      | Millennial            | Wesley        |
| ##       | 663        | g      | Α      |        | Millennial            | Zachary       |
| ##       | 664        | g      | Α      |        | Millennial            | Gabriel       |
| ##       | 665        | g      | Α      |        | Millennial            | Casey         |
| ##       | 666        | g      | A      | M      | Millennial            |               |
| ##       | 667        | g      | A      | F      | Boomer                | Mildred       |
| ##       | 668        | g      | A      | F      | Boomer                | Shirley       |
| ##       | 669        | g      | A      | F      | Boomer                | Dianne        |
| ##       | 670        | g      | A      | F      | Boomer                | Kay           |
| ##       | 671        | g      | A      | F      | Boomer                | Dorothy       |
| ##       | 672        | g      | A      | F      | Boomer                | Mildred       |
| ##       | 673        | g      | A      | F      | GenX                  | Dawn          |
| ##       | 674        | g      | A      | F      | GenX                  | Tamara        |
| ##       | 675        | g      | A      | F      | GenX                  | Tammy         |
| ##       | 676        | g      | A      | F      | GenX                  | Dawn          |
| ##       | 677        | g      | A      | F      | GenX                  | Heidi         |
| ##       | 678        | g      | A      | F      | GenX                  | Tina          |
| ##       | 679        | g      | A      | F      | Millennial            | Latoya        |
| ##       | 680        | g      | A      | F      | Millennial            | Candice       |
| ##       | 681        | g      | A      | F      | Millennial            | Brittney      |
| ##       | 682        | g      | A      | F      | Millennial            | Lauren        |
| ##       | 683        | g      | A      | F      | Millennial            | Brittney      |
| ##       | 684        | g      | A      | F      | Millennial            | Bethany       |
| ##       | 685        | g      | В      | M      | Boomer                | Ray           |
| ##       | 686        | g      | В      | M      | Boomer                | Bernard       |
| ##       | 687        | g      | В      | M      | Boomer                | Lee           |
| ##       | 688        | g      | В      | M      | Boomer                | Eddie         |
| ##       | 689        | g      | В      | M      | Boomer                | Gene          |
| ##       | 690        | g      | В      | M      | Boomer                | Herbert       |
| ##       | 691        | g      | В      | M      | GenX                  | Chris         |
| ##       | 692        | g      | В      | M      | GenX                  | Darryl        |
| ##       | 693        | g      | В      | M      | GenX                  | Darryl        |
| ##       | 694        | g      | В      | M      | GenX                  | Tim           |
|          | 695        | g      | В      | M      | GenX                  | Jon           |
| ##       | 696        | g      | В      | M      | GenX                  | Chris         |
| ##       | 697        | g      | В      |        | Millennial Millennial | Wesley        |
| ##       | 698        | g      | В      |        |                       | Luis          |
| ##       | 699        | g      | В      |        | Millennial            | Casey         |
| ##<br>## | 700        | g      | В      |        | Millennial            | Seth          |
| ##       | 701        | g      | В      |        | Millennial            | Austin        |
| ##       | 702<br>703 | g      | B<br>B | M<br>F | Millennial            | Seth          |
| ##       | 703        | g      | В      | r<br>F | Boomer<br>Boomer      | Betty<br>Joan |
| ##       | 704        | g      | В      | r<br>F | Boomer                | Lorraine      |
| ##       | 706        | g      | В      | r<br>F | Boomer                | Gloria        |
| ##       | 707        | g      | В      | r<br>F | Boomer                | Kay           |
| ##       | 708        | g      | В      | r<br>F | Boomer                | Dorothy       |
| ##       | 709        | g<br>o | В      | r<br>F | GenX                  | Melinda       |
| ##       | 710        | g<br>o | В      | F      | GenX                  | Tina          |
| ##       | 711        | g<br>ø | В      | F      | GenX                  | Sherri        |
| π#       | 1 1 1      | g      | Б      | Г      | Geny                  | PHELLI        |

| ## | 712 | g | В | F | GenX       | Tina      |
|----|-----|---|---|---|------------|-----------|
| ## | 713 | g | В | F | GenX       | Tracy     |
| ## | 714 | g | В | F | GenX       | Colleen   |
| ## | 715 | g | В | F | Millennial | Alexis    |
| ## | 716 | g | В | F | Millennial | Lauren    |
| ## | 717 | g | В | F | Millennial | Candice   |
| ## | 718 | g | В | F | Millennial | Alexis    |
| ## | 719 | g | В | F | Millennial | Lauren    |
| ## | 720 | g | В | F | Millennial | Bethany   |
| ## | 721 | g | C | M | Boomer     | Gene      |
| ## | 722 | g | C | M | Boomer     | Leroy     |
| ## | 723 | g | C | M | Boomer     | Alfred    |
| ## | 724 | g | C | M | Boomer     | Herbert   |
| ## | 725 | g | C | M | Boomer     | Gene      |
| ## | 726 | g | C | M | Boomer     | Eddie     |
| ## | 727 | g | C | M | GenX       | Troy      |
| ## | 728 | g | C | M | GenX       | Greg      |
| ## | 729 | g | C | M | GenX       | Tim       |
| ## | 730 | g | C | M | GenX       | Jamie     |
| ## | 731 | g | C | M | GenX       | Troy      |
| ## | 732 | g | C | M | GenX       | Dean      |
| ## | 733 | g | C | M | Millennial | Austin    |
| ## | 734 | g | C | M | Millennial | Wesley    |
| ## | 735 | g | C | M | Millennial | Christian |
| ## | 736 | g | C | M | Millennial | Austin    |
| ## | 737 | g | C | M | Millennial | Austin    |
| ## | 738 | g | C | M | Millennial |           |
| ## | 739 | g | C | F | Boomer     | Dorothy   |
| ## | 740 | g | C | F | Boomer     | Joan      |
| ## | 741 | g | C | F | Boomer     | Gloria    |
| ## | 742 | g | C | F | Boomer     | Mildred   |
| ## | 743 | g | C | F | Boomer     | Marjorie  |
| ## | 744 | g | C | F | Boomer     | Betty     |
| ## | 745 | g | C | F | GenX       | Tammy     |
| ## | 746 | g | C | F | GenX       | Heidi     |
| ## | 747 | g | C | F | GenX       | Tina      |
| ## | 748 | g | C | F | GenX       | Colleen   |
| ## | 749 | g | C | F | GenX       | Heidi     |
| ## | 750 | g |   | F | GenX       | Tina      |
|    | 751 | g |   | F | Millennial | Lauren    |
|    | 752 | g |   | F | Millennial | Lauren    |
|    | 753 | g |   | F | Millennial | Alexis    |
|    | 754 | g |   | F | Millennial | 3         |
| ## | 755 | g |   | F | Millennial | Brittney  |
| ## | 756 | g | C | F | Millennial | Lauren    |
| ## | 757 | h |   | M | Boomer     | Alfred    |
| ## | 758 | h |   | M | Boomer     | Herbert   |
| ## | 759 | h |   | М | Boomer     | Bernard   |
| ## | 760 | h |   | М | Boomer     | Ray       |
| ## | 761 | h |   | М | Boomer     | Alfred    |
|    | 762 | h |   | M | Boomer     | Tom       |
|    | 763 | h |   | М | GenX       | Marc      |
| ## | 764 | h |   | М | GenX       | Greg      |
| ## | 765 | h | A | M | GenX       | Jamie     |
|    |     |   |   |   |            |           |

| ## | 766 | h | A | M | GenX       | Marc     |
|----|-----|---|---|---|------------|----------|
| ## | 767 | h | A | M | GenX       | Marc     |
| ## | 768 | h | A | M | GenX       | Jeff     |
| ## | 769 | h | A | M | Millennial | Casey    |
| ## | 770 | h | A | M | Millennial | Wesley   |
| ## | 771 | h | A | M | Millennial | Zachary  |
| ## | 772 | h | A | M | Millennial | Seth     |
| ## | 773 | h | A | M | Millennial | Luis     |
| ## | 774 | h | A | M | Millennial | Luis     |
| ## | 775 | h | A | F | Boomer     | Betty    |
| ## | 776 | h | A | F | Boomer     | Lorraine |
| ## | 777 | h | A | F | Boomer     | Lorraine |
| ## | 778 | h | A | F | Boomer     | Lorraine |
| ## | 779 | h | A | F | Boomer     | Kay      |
| ## | 780 | h | A | F | Boomer     | Marjorie |
| ## | 781 | h | A | F | GenX       | Tracy    |
| ## | 782 | h | A | F | GenX       | Melinda  |
| ## | 783 | h | A | F | GenX       | Tamara   |
| ## | 784 | h | A | F | GenX       | Tammy    |
| ## | 785 | h | A | F | GenX       | Tracey   |
| ## | 786 | h | A | F | GenX       | Tammy    |
| ## | 787 | h | A | F | Millennial | Latoya   |
| ## | 788 | h | A | F | Millennial | Latoya   |
| ## | 789 | h | A | F | Millennial | Bethany  |
| ## | 790 | h | A | F | Millennial | Latoya   |
| ## | 791 | h | A | F | Millennial | Taylor   |
| ## | 792 | h | A | F | Millennial | Taylor   |
| ## | 793 | h | В | M | Boomer     | Tom      |
| ## | 794 | h | В | М | Boomer     | Gene     |
| ## | 795 | h | В | М | Boomer     | Alfred   |
| ## | 796 | h | В | М | Boomer     | Alfred   |
| ## | 797 | h | В | М | Boomer     | Theodore |
| ## | 798 | h | В | М | Boomer     | Theodore |
| ## | 799 | h | В | M | GenX       | Chris    |
| ## | 800 | h | В | М | GenX       | Jamie    |
| ## | 801 | h | В | M | GenX       | Marc     |
| ## | 802 | h | В | М | GenX       | Jeff     |
| ## | 803 | h | В | М | GenX       | Jon      |
| ## | 804 | h | В | М | GenX       | Greg     |
| ## | 805 | h | В | М | Millennial | Zachary  |
| ## | 806 | h | В | М | Millennial | Dylan    |
| ## | 807 | h | В | M |            | Wesley   |
| ## | 808 | h | В | M |            | Luis     |
| ## | 809 | h | В |   | Millennial | Gabriel  |
| ## | 810 | h | В | M | Millennial | Gabriel  |
| ## | 811 | h | В | F | Boomer     | Joan     |
| ## | 812 | h | В | F | Boomer     | Betty    |
| ## | 813 | h | В | F | Boomer     | Lorraine |
| ## | 814 | h | В | F | Boomer     | Dianne   |
| ## | 815 | h | В | F | Boomer     | Dorothy  |
| ## | 816 | h | В | F | Boomer     | Kay      |
| ## | 817 | h | В | F | GenX       | Tracey   |
| ## | 818 | h | В | F | GenX       | Tamara   |
| ## | 819 | h | В | F | GenX       | Dawn     |
|    |     |   |   |   |            |          |

|    | 000 | , | ъ | - | Q V                |          |
|----|-----|---|---|---|--------------------|----------|
| ## | 820 | h | В | F | GenX               | Tracey   |
| ## | 821 | h | В | F | GenX               | Tamara   |
| ## | 822 | h | В | F | GenX               | Tracey   |
| ## | 823 | h | В | F | Millennial         | Brittney |
| ## | 824 | h | В | F | Millennial         | Cheyenne |
| ## | 825 | h | В | F | Millennial         | Candice  |
| ## | 826 | h | В | F | Millennial         | Brittany |
| ## | 827 | h | В | F | ${\tt Millennial}$ | Lauren   |
| ## | 828 | h | В | F | Millennial         | Taylor   |
| ## | 829 | h | C | M | Boomer             | Herbert  |
| ## | 830 | h | C | M | Boomer             | Ray      |
| ## | 831 | h | C | M | Boomer             | Bernard  |
| ## | 832 | h | C | М | Boomer             | Tom      |
| ## | 833 | h | С | М | Boomer             | Alfred   |
| ## | 834 | h | С | М | Boomer             | Bernard  |
| ## | 835 | h | C | М | GenX               | Troy     |
| ## | 836 | h | C | М | GenX               | Darryl   |
| ## | 837 | h | C | М | GenX               | Darryl   |
| ## | 838 | h | C | M | GenX               | Tim      |
| ## | 839 | h | C | M | GenX               | Greg     |
| ## | 840 | h | C | M | GenX               | Jeff     |
| ## | 841 | h | C | M | Millennial         |          |
|    | 842 |   |   |   |                    |          |
| ## |     | h | C | M | Millennial         | Wesley   |
| ## | 843 | h | C | M | Millennial         | Seth     |
| ## | 844 | h | C | M | Millennial         | Evan     |
| ## | 845 | h | C | M | Millennial         | Wesley   |
| ## | 846 | h | C | M | Millennial         | Evan     |
| ## | 847 | h | C | F | Boomer             | Mildred  |
| ## | 848 | h | C | F | Boomer             | Dianne   |
| ## | 849 | h | C | F | Boomer             | Dorothy  |
| ## | 850 | h | C | F | Boomer             | Lorraine |
| ## | 851 | h | C | F | Boomer             | Betty    |
| ## | 852 | h | C | F | Boomer             | Dorothy  |
| ## | 853 | h | C | F | GenX               | Dawn     |
| ## | 854 | h | C | F | GenX               | Dawn     |
| ## | 855 | h | C | F | GenX               | Tracy    |
| ## | 856 | h | C | F | GenX               | Tracy    |
| ## | 857 | h | C | F | GenX               | Tammy    |
| ## | 858 | h | C | F | GenX               | Tracy    |
| ## | 859 | h | С | F | Millennial         | Latoya   |
| ## | 860 | h | С | F | Millennial         | Cheyenne |
| ## | 861 | h | C | F | Millennial         | Candice  |
| ## | 862 | h | C | F | Millennial         | Latoya   |
| ## | 863 | h | C | F | Millennial         | Samantha |
| ## | 864 | h | C | F | Millennial         | Samantha |
| ## | 865 | i | A | M | Boomer             | Lee      |
| ## | 866 | i | A | M | Boomer             | Herbert  |
| ## |     | i | A |   |                    |          |
|    | 867 |   |   | M | Boomer             | Alfred   |
| ## | 868 | i | A | M | Boomer             | Theodore |
| ## | 869 | i | A | M | Boomer             | Bernard  |
| ## | 870 | i | A | M | Boomer             | Lee      |
| ## | 871 | i | A | M | GenX               | Tim      |
| ## | 872 | i | A | M | GenX               | Jon      |
| ## | 873 | i | Α | M | GenX               | Jon      |

| ## | 874 | i | A | M | GenX               | Jeff     |
|----|-----|---|---|---|--------------------|----------|
| ## | 875 | i | A | M | GenX               | Marc     |
| ## | 876 | i | A | M | GenX               | Troy     |
| ## | 877 | i | A | M | ${\tt Millennial}$ | Luis     |
| ## | 878 | i | A | M | ${\tt Millennial}$ | Wesley   |
| ## | 879 | i | A | M | ${\tt Millennial}$ | Casey    |
| ## | 880 | i | A | M | ${\tt Millennial}$ | Austin   |
| ## | 881 | i | A | M | ${\tt Millennial}$ | Casey    |
| ## | 882 | i | A | M | ${\tt Millennial}$ | Austin   |
| ## | 883 | i | A | F | Boomer             | Gloria   |
| ## | 884 | i | A | F | Boomer             | Dianne   |
| ## | 885 | i | A | F | Boomer             | Mildred  |
| ## | 886 | i | A | F | Boomer             | Dorothy  |
| ## | 887 | i | A | F | Boomer             | Mildred  |
| ## | 888 | i | A | F | Boomer             | Dianne   |
| ## | 889 | i | A | F | GenX               | Heidi    |
| ## | 890 | i | A | F | GenX               | Heidi    |
| ## | 891 | i | A | F | GenX               | Tina     |
| ## | 892 | i | A | F | GenX               | Tracy    |
| ## | 893 | i | A | F | GenX               | Melinda  |
| ## | 894 | i | A | F | GenX               | Sherri   |
| ## | 895 | i | A | F | Millennial         | Lauren   |
| ## | 896 | i | A | F | Millennial         | Brittney |
| ## | 897 | i | A | F | Millennial         | Brittney |
| ## | 898 | i | A | F | Millennial         | Brittany |
| ## | 899 | i | A | F | Millennial         | Candice  |
| ## | 900 | i | A | F | Millennial         | Cheyenne |
| ## | 901 | i | В | M | Boomer             | Theodore |
| ## | 902 | i | В | М | Boomer             | Tom      |
| ## | 903 | i | В | М | Boomer             | Bernard  |
| ## | 904 | i | В | М | Boomer             | Tom      |
| ## | 905 | i | В | М | Boomer             | Bernard  |
| ## | 906 | i | В | М | Boomer             | Leroy    |
| ## | 907 | i | В | М | GenX               | Dean     |
| ## | 908 | i | В | М | GenX               | Jamie    |
| ## | 909 | i | В | М | GenX               | Darryl   |
| ## | 910 | i | В | М | GenX               | Jamie    |
| ## | 911 | i | В | М | GenX               | Greg     |
| ## | 912 | i | В | М | GenX               | Jamie    |
| ## | 913 | i | В | М | Millennial         | Luis     |
| ## | 914 | i | В | М | Millennial         |          |
| ## | 915 | i | В | М |                    | Evan     |
| ## | 916 | i | В |   | Millennial         | Zachary  |
| ## | 917 | i | В |   | Millennial         | Zachary  |
| ## | 918 | i | В | М | Millennial         | Dylan    |
| ## | 919 | i | В | F | Boomer             | Marjorie |
| ## | 920 | i | В | F | Boomer             | Joan     |
| ## | 921 | i | В | F | Boomer             | Joan     |
| ## | 922 | i | В | F | Boomer             | Lorraine |
| ## | 923 | i | В | F | Boomer             | Shirley  |
| ## | 924 | i | В | F | Boomer             | Kay      |
| ## | 925 | i | В | F | GenX               | Melinda  |
| ## | 926 | i | В | F | GenX               | Heidi    |
| ## | 927 | i | В | F | GenX               | Melinda  |
|    | J   | _ |   | - | GOIII              |          |

| ## | 928 | i | В | F  | GenX               | Dawn     |
|----|-----|---|---|----|--------------------|----------|
| ## | 929 | i | В | F  | GenX               | Tammy    |
| ## | 930 | i | В | F  | GenX               | Sherri   |
| ## | 931 | i | В | F  | Millennial         | Bethany  |
| ## | 932 | i | В | F  | Millennial         | Cheyenne |
| ## | 933 | i | В | F  | ${\tt Millennial}$ | Alexis   |
| ## | 934 | i | В | F  | ${\tt Millennial}$ | Cheyenne |
| ## | 935 | i | В | F  | ${\tt Millennial}$ | Brittney |
| ## | 936 | i | В | F  | ${\tt Millennial}$ | Samantha |
| ## | 937 | i | C | M  | Boomer             | Gene     |
| ## | 938 | i | C | M  | Boomer             | Ray      |
| ## | 939 | i | C | M  | Boomer             | Herbert  |
| ## | 940 | i | C | M  | Boomer             | Eddie    |
| ## | 941 | i | C | M  | Boomer             | Tom      |
| ## | 942 | i | C | M  | Boomer             | Eddie    |
| ## | 943 | i | C | M  | GenX               | Dean     |
| ## | 944 | i | C | M  | GenX               | Jeff     |
| ## | 945 | i | C | M  | GenX               | Jon      |
| ## | 946 | i | C | M  | GenX               | Darryl   |
| ## | 947 | i | C | M  | GenX               | Jamie    |
| ## | 948 | i | C | M  | GenX               | Darryl   |
| ## | 949 | i | C | М  | Millennial         | Gabriel  |
| ## | 950 | i | C | М  | Millennial         | Gabriel  |
| ## | 951 | i | C | М  | Millennial         | Austin   |
| ## | 952 | i | C | М  | Millennial         | Dylan    |
| ## | 953 | i | C | М  | Millennial         | Wesley   |
| ## | 954 | i | C | М  | Millennial         | Seth     |
| ## | 955 | i | C | F  | Boomer             | Betty    |
| ## | 956 | i | C | F  | Boomer             | Shirley  |
| ## | 957 | i | C | F  | Boomer             | Kay      |
| ## | 958 | i | C | F  | Boomer             | Dianne   |
| ## | 959 | i | С | F  | Boomer             | Lorraine |
| ## | 960 | i | C | F  | Boomer             | Dianne   |
| ## | 961 | i | C | F  | GenX               | Melinda  |
| ## | 962 | i | C | F  | GenX               | Melinda  |
| ## | 963 | i | C | F  | GenX               | Tracy    |
| ## | 964 | i | C | F  | GenX               | Heidi    |
| ## | 965 | i | C | F  | GenX               | Tammy    |
| ## | 966 | i | C | F  | GenX               | Tina     |
| ## | 967 | i | C | F  | Millennial         | Latoya   |
| ## | 968 | i | C | F  | Millennial         | Bethany  |
| ## | 969 | i | C | F  | Millennial         | Latoya   |
| ## | 970 | i | C | F  | Millennial         | Cheyenne |
| ## | 971 | i | C | F  | Millennial         | Lauren   |
| ## | 972 | i | C | F  | Millennial         | Taylor   |
| ## | 973 | j | A | М  | Boomer             | Theodore |
| ## | 974 | j | A | М  | Boomer             | Leroy    |
| ## | 975 | j | A | M  | Boomer             | Gene     |
| ## | 976 | j | A | M  | Boomer             | Theodore |
| ## | 977 | j | A | M  | Boomer             | Lee      |
| ## | 978 | j | A | M  | Boomer             | Lee      |
| ## | 979 | j | A | M  | GenX               | Troy     |
| ## | 980 | j | A | M  | GenX               | Darryl   |
| ## | 981 | j | A | M  | GenX               | Darryl   |
| πĦ | 201 | J | A | rı | GEIIV              | Darryr   |

| ## | 982  | j      | A | М      | GenX       | Tim      |
|----|------|--------|---|--------|------------|----------|
| ## | 983  | j      | A | М      | GenX       | Chris    |
| ## | 984  | j      | A | M      | GenX       | Jamie    |
| ## | 985  | j      | A | M      | Millennial | Zachary  |
| ## | 986  | j      | A | M      | Millennial | Luis     |
| ## | 987  | j      | Α | М      | Millennial | Gabriel  |
| ## | 988  | j      | Α | M      |            | Evan     |
| ## | 989  | j      | A | M      | Millennial | Evan     |
| ## | 990  | j      | Α | M      | Millennial | Austin   |
| ## | 991  | j      | A | F      | Boomer     | Shirley  |
| ## | 992  | j      | A | F      | Boomer     | Mildred  |
| ## | 993  | j      | A | F      | Boomer     | Lorraine |
| ## | 994  | j      | A | F      | Boomer     | Shirley  |
| ## | 995  | j      | A | F      | Boomer     | Dianne   |
| ## | 996  | j      | A | F      | Boomer     | Betty    |
| ## | 997  | j      | A | F      | GenX       | Heidi    |
| ## | 998  | j      | A | F      | GenX       | Tracey   |
| ## | 999  | j      | Α | F      | GenX       | Sherri   |
| ## | 1000 | j      | A | F      | GenX       | Sherri   |
| ## | 1001 | j      | A | F      | GenX       | Sherri   |
| ## | 1002 | j      | A | F      | GenX       | Heidi    |
| ## | 1003 | j      | A | F      | Millennial | Brittney |
| ## | 1004 | j      | A | F      | Millennial | Latoya   |
| ## | 1005 | j      | A | F      | Millennial | Bethany  |
| ## | 1006 | j      | A | F      | Millennial | Lauren   |
| ## | 1007 | j      | A | F      | Millennial | Alexis   |
| ## | 1008 | j      | A | F      | Millennial | Brittany |
| ## | 1009 | j      | В | М      | Boomer     | Eddie    |
| ## | 1010 | j      | В | М      | Boomer     | Gene     |
| ## | 1011 | j      | В | М      | Boomer     | Herbert  |
| ## | 1012 | j      | В | М      | Boomer     | Ray      |
| ## | 1013 | j      | В | М      | Boomer     | Lee      |
| ## | 1014 | j      | В | М      | Boomer     | Alfred   |
| ## | 1015 | j      | В | М      | GenX       | Jon      |
| ## | 1016 | j      | В | М      | GenX       | Marc     |
| ## | 1017 | j      | В | M      | GenX       | Tim      |
| ## | 1018 | j      | В | M      | GenX       | Jamie    |
| ## | 1019 |        | В | M      | GenX       | Dean     |
| ## | 1020 | j<br>j | В | M      | GenX       | Greg     |
| ## | 1021 | j      | В | M      | Millennial | _        |
| ## | 1022 | j      | В | M      | Millennial | Dylan    |
| ## | 1023 | j      | В | M      | Millennial | Luis     |
| ## | 1023 | j      | В | M      | Millennial | Seth     |
| ## | 1025 | j      | В |        | Millennial | Casey    |
| ## | 1026 | j      | В | M      | Millennial | Wesley   |
| ## | 1027 | j      | В | F      | Boomer     | Dianne   |
| ## | 1027 | J      | В | F      | Boomer     |          |
| ## |      | j      | В | F      |            | Dorothy  |
| ## | 1029 | j      | В | r<br>F | Boomer     | Shirley  |
|    | 1030 | j      |   |        | Boomer     | Betty    |
| ## | 1031 | j      | В | F      | Boomer     | Shirley  |
| ## | 1032 | j      | В | F      | Boomer     | Joan     |
| ## | 1033 | j      | В | F      | GenX       | Tracey   |
| ## | 1034 | j      | В | F      | GenX       | Tracey   |
| ## | 1035 | j      | В | F      | GenX       | Heidi    |

|    | 4000 |        | ъ      | -   | Q W                |          |
|----|------|--------|--------|-----|--------------------|----------|
| ## | 1036 | j      | В      | F   | GenX               | Tamara   |
| ## | 1037 | j      | В      | F   | GenX               | Heidi    |
| ## | 1038 | j      | В      | F   | GenX               | Tina     |
| ## | 1039 | j      | В      | F   | Millennial         | Alexis   |
| ## | 1040 | j      | В      | F   | ${\tt Millennial}$ | Taylor   |
| ## | 1041 | j      | В      | F   | ${\tt Millennial}$ | Samantha |
| ## | 1042 | j      | В      | F   | Millennial         | Samantha |
| ## | 1043 | j      | В      | F   | Millennial         | Bethany  |
| ## | 1044 | j      | В      | F   | Millennial         | Lauren   |
| ## | 1045 | j      | C      | М   | Boomer             | Bernard  |
| ## | 1046 | j      | С      | М   | Boomer             | Herbert  |
| ## | 1047 | j      | C      | М   | Boomer             | Herbert  |
| ## | 1048 | j      | C      | M   | Boomer             | Lee      |
| ## | 1049 | j      | C      | M   | Boomer             | Leroy    |
| ## | 1050 |        | C      | M   | Boomer             | •        |
|    |      | j      |        |     |                    | Ray      |
| ## | 1051 | j      | C      | M   | GenX               | Jamie    |
| ## | 1052 | j      | C      | M   | GenX               | Darryl   |
| ## | 1053 | j      | C      | M   | GenX               | Tim      |
| ## | 1054 | j      | C      | М   | GenX               | Marc     |
| ## | 1055 | j      | C      | М   | GenX               | Jeff     |
| ## | 1056 | j      | C      | M   | GenX               | Darryl   |
| ## | 1057 | j      | C      | M   | Millennial         | Dylan    |
| ## | 1058 | j      | C      | M   | ${\tt Millennial}$ | Wesley   |
| ## | 1059 | j      | C      | M   | ${\tt Millennial}$ | Luis     |
| ## | 1060 | j      | C      | M   | Millennial         | Zachary  |
| ## | 1061 | j      | C      | М   | Millennial         | Dylan    |
| ## | 1062 | j      | C      | М   | Millennial         | Gabriel  |
| ## | 1063 | j      | С      | F   | Boomer             | Gloria   |
| ## | 1064 | j      | C      | F   | Boomer             | Shirley  |
| ## | 1065 | j      | C      | F   | Boomer             | Mildred  |
| ## | 1066 | j      | C      | F   | Boomer             | Gloria   |
| ## | 1067 |        | C      | F   | Boomer             | Kay      |
| ## | 1068 | j      | C      | F   |                    | Lorraine |
|    |      | j      |        |     | Boomer             |          |
| ## | 1069 | j      | C      | F   | GenX               | Heidi    |
| ## | 1070 | j      | C      | F   | GenX               | Colleen  |
| ## | 1071 | j      | C      | F   | GenX               | Tammy    |
| ## | 1072 | j      | C      | F   | GenX               | Tammy    |
| ## | 1073 | j      | C      | F   | GenX               | Sherri   |
| ## | 1074 | j      | C      | F   | GenX               | Tammy    |
| ## | 1075 | j      | C      | F   | Millennial         | Candice  |
| ## | 1076 | j      | C      | F   | ${\tt Millennial}$ | Alexis   |
| ## | 1077 | j      | C      | F   | ${\tt Millennial}$ | Lauren   |
| ## | 1078 | j      | C      | F   | Millennial         | Taylor   |
| ## | 1079 | j      | C      | F   | Millennial         | Alexis   |
| ## | 1080 | j      | C      | F   | Millennial         | Taylor   |
| ## | 1081 | k      | A      | М   | Boomer             | Tom      |
| ## | 1082 | k      | A      | М   | Boomer             | Ray      |
| ## | 1083 | k      | A      | M   | Boomer             | Alfred   |
| ## | 1084 | k      | A      | M   | Boomer             | Lee      |
| ## | 1085 | k      | A      | M   | Boomer             | Ray      |
| ## | 1086 | k      | A      | M   | Boomer             | Lee      |
| ## | 1087 | k<br>k | A<br>A | M M | GenX               |          |
| ## |      | k<br>k | A<br>A |     |                    | Darryl   |
|    | 1088 |        |        | M   | GenX               | Dean     |
| ## | 1089 | k      | A      | M   | GenX               | Tim      |

|    |      | _ | _ |        |                    |               |
|----|------|---|---|--------|--------------------|---------------|
| ## | 1090 | k |   | M      | GenX               | Tim           |
| ## | 1091 | k |   | M      | GenX               | Dean          |
| ## | 1092 | k |   | M      | GenX               | Tim           |
| ## | 1093 | k |   | М      | Millennial         | Wesley        |
| ## | 1094 | k |   | М      | Millennial         |               |
| ## | 1095 | k |   | M      | Millennial         | Luis          |
| ## | 1096 | k |   | М      | Millennial         | Luis          |
| ## | 1097 | k |   | М      | Millennial         |               |
| ## | 1098 | k |   | M      | Millennial         | Austin        |
| ## | 1099 | k |   | F      | Boomer             | Mildred       |
| ## | 1100 | k |   | F      | Boomer             | Kay           |
| ## | 1101 | k |   | F      | Boomer             | Dianne        |
| ## | 1102 | k | A | F      | Boomer             | Dorothy       |
| ## | 1103 | k | A | F      | Boomer             | Betty         |
| ## | 1104 | k | A | F      | Boomer             | Dorothy       |
| ## | 1105 | k | A | F      | GenX               | Tammy         |
| ## | 1106 | k | A | F      | GenX               | Colleen       |
| ## | 1107 | k | A | F      | GenX               | Heidi         |
| ## | 1108 | k | A | F      | GenX               | Tracey        |
| ## | 1109 | k | A | F      | GenX               | Tammy         |
| ## | 1110 | k | A | F      | GenX               | Tammy         |
| ## | 1111 | k | A | F      | ${\tt Millennial}$ | Cheyenne      |
| ## | 1112 | k | A | F      | Millennial         | Candice       |
| ## | 1113 | k | A | F      | Millennial         | Taylor        |
| ## | 1114 | k | A | F      | Millennial         | Alexis        |
| ## | 1115 | k | A | F      | Millennial         | Alexis        |
| ## | 1116 | k | A | F      | Millennial         | Candice       |
| ## | 1117 | k | В | М      | Boomer             | Eddie         |
| ## | 1118 | k | В | М      | Boomer             | Tom           |
| ## | 1119 | k | В | М      | Boomer             | Leroy         |
| ## | 1120 | k | В | М      | Boomer             | Alfred        |
| ## | 1121 | k | В | М      | Boomer             | Tom           |
| ## | 1122 | k | В | М      | Boomer             | Eddie         |
| ## | 1123 | k | В | М      | GenX               | Jamie         |
| ## | 1124 | k | В | М      | GenX               | Tim           |
| ## | 1125 | k | В | М      | GenX               | Marc          |
| ## | 1126 | k | В | М      | GenX               | Marc          |
| ## | 1127 | k | В | М      | GenX               | Darryl        |
| ## | 1128 | k |   | М      | GenX               | Jon           |
| ## | 1129 | k |   |        | Millennial         | Casey         |
| ## | 1130 | k |   |        | Millennial         | Wesley        |
| ## | 1131 | k |   |        | Millennial         | Casey         |
| ## | 1132 | k |   |        | Millennial         | Evan          |
| ## | 1133 | k |   |        | Millennial         | Wesley        |
| ## | 1134 | k |   | М      | Millennial         | Austin        |
| ## | 1135 | k |   | F      | Boomer             | Betty         |
| ## | 1136 | k |   | F      | Boomer             | Joan          |
| ## | 1137 | k |   | F      | Boomer             | Joan          |
| ## | 1138 | k |   | F      | Boomer             | Kay           |
| ## | 1139 | k |   | r<br>F | Boomer             | Joan          |
| ## | 1140 | k |   | r<br>F | Boomer             |               |
| ## | 1140 | k |   | r<br>F | GenX               | Betty         |
| ## | 1141 | k |   | r<br>F | GenX               | Tracy<br>Dawn |
| ## |      |   |   | r<br>F |                    |               |
| ## | 1143 | k | В | r      | GenX               | Dawn          |

| ## | 1144 | k       | В      | F      | GenX       | Tamara          |
|----|------|---------|--------|--------|------------|-----------------|
| ## | 1145 | k       | В      | F      | GenX       | Tamara          |
| ## | 1146 | k       | В      | F      | GenX       | Melinda         |
| ## | 1147 | k       | В      | F      | Millennial | Lauren          |
| ## | 1148 | k       | В      | F      | Millennial | Alexis          |
| ## | 1149 | k       | В      | F      | Millennial | Taylor          |
| ## | 1150 | k       | В      | F      | Millennial | Samantha        |
| ## | 1151 | k       | В      | F      | Millennial | Bethany         |
| ## | 1152 | k       | В      | F      | Millennial | Candice         |
| ## | 1153 | k       | C      | M      | Boomer     | Bernard         |
| ## | 1154 | k       | C      | M      | Boomer     | Alfred          |
| ## | 1155 | k       | C      | M      | Boomer     | Alfred          |
| ## | 1156 | k       | C      | M      | Boomer     | Bernard         |
| ## | 1157 | k       | C      | M      | Boomer     | Theodore        |
| ## | 1158 | k       | C      | M      | Boomer     | Leroy           |
| ## | 1159 | k       | C      | M      | GenX       | Jamie           |
| ## | 1160 | k       | C      | M      | GenX       | Jon             |
| ## | 1161 | k       | C      | M      | GenX       | Troy            |
| ## | 1162 | k       | C      | M      | GenX       | Jamie           |
| ## | 1163 | k       | C      | M      | GenX       | Dean            |
| ## | 1164 | k       | C      | М      | GenX       | Dean            |
| ## | 1165 | k       | C      | М      | Millennial | Austin          |
| ## | 1166 | k       | C      | М      | Millennial | Luis            |
| ## | 1167 | k       | С      | М      | Millennial | Austin          |
| ## | 1168 | k       | С      | М      | Millennial | Casey           |
| ## | 1169 | k       | C      | М      | Millennial | Zachary         |
| ## | 1170 | k       | C      | М      | Millennial | Austin          |
| ## | 1171 | k       | C      | F      | Boomer     | Joan            |
| ## | 1172 | k       | C      | F      | Boomer     | Lorraine        |
| ## | 1173 | k       | C      | F      | Boomer     | Dorothy         |
| ## | 1174 | k       | C      | F      | Boomer     | Dianne          |
| ## | 1175 | k       | C      | F      | Boomer     | Dianne          |
| ## | 1176 | k       | C      | F      | Boomer     | Dorothy         |
| ## | 1177 | k       | C      | F      | GenX       | Melinda         |
| ## | 1178 | k       | C      | F      | GenX       | Tamara          |
| ## | 1179 | k       | C      | F      | GenX       | Tamara          |
| ## | 1180 | k       | C      | F      | GenX       | Tracy           |
| ## | 1181 | k       | _      | F      | GenX       |                 |
| ## | 1182 | k       | C<br>C | F      | GenX       | Tracy<br>Sherri |
| ## | 1183 | k       | C      | F      | Millennial | Latoya          |
| ## |      |         | C      | r<br>F | Millennial | •               |
| ## | 1184 | k<br>1- | C      |        |            | Brittney        |
|    | 1185 | k       | C      | F      | Millennial | Brittney        |
| ## | 1186 | k<br>1- |        | F      | Millennial | Taylor          |
| ## | 1187 | k       | C      | F      | Millennial | Brittany        |
| ## | 1188 | k       | C      | F      | Millennial | Alexis          |
| ## | 1189 | 1       | A      | M      | Boomer     | Lee             |
| ## | 1190 | 1       | A      | М      | Boomer     | Bernard         |
| ## | 1191 | 1       | A      | М      | Boomer     | Herbert         |
| ## | 1192 | 1       | A      | М      | Boomer     | Herbert         |
| ## | 1193 | 1       | A      | М      | Boomer     | Alfred          |
| ## | 1194 | 1       | A      | М      | Boomer     | Alfred          |
| ## | 1195 | 1       | A      | М      | GenX       | Tim             |
| ## | 1196 | 1       | A      | М      | GenX       | Dean            |
| ## | 1197 | 1       | A      | M      | GenX       | Tim             |

|    | 4400 | - |   |   | <i>a</i>           | •        |
|----|------|---|---|---|--------------------|----------|
| ## | 1198 | 1 | A | M | GenX               | Greg     |
| ## | 1199 | 1 |   | M | GenX               | Marc     |
| ## | 1200 | 1 |   | M | GenX               | Jeff     |
| ## | 1201 | 1 |   | M | Millennial         | Dylan    |
| ## | 1202 | 1 |   | M | Millennial         | Zachary  |
| ## | 1203 | 1 | A | M | Millennial         | Zachary  |
| ## | 1204 | 1 | A | M | Millennial         | Zachary  |
| ## | 1205 | 1 | A | M | Millennial         | Evan     |
| ## | 1206 | 1 | A | M | ${\tt Millennial}$ | Dylan    |
| ## | 1207 | 1 | A | F | Boomer             | Marjorie |
| ## | 1208 | 1 | A | F | Boomer             | Lorraine |
| ## | 1209 | 1 | A | F | Boomer             | Marjorie |
| ## | 1210 | 1 | A | F | Boomer             | Mildred  |
| ## | 1211 | 1 | A | F | Boomer             | Joan     |
| ## | 1212 | 1 | A | F | Boomer             | Dorothy  |
| ## | 1213 | 1 | A | F | GenX               | Tammy    |
| ## | 1214 | 1 | A | F | GenX               | Dawn     |
| ## | 1215 | 1 | A | F | GenX               | Heidi    |
| ## | 1216 | 1 | A | F | GenX               | Tracy    |
| ## | 1217 | 1 | A | F | GenX               | Tracy    |
| ## | 1218 | 1 | A | F | GenX               | Tammy    |
| ## | 1219 | 1 | A | F | Millennial         | Lauren   |
| ## | 1220 | 1 | A | F | Millennial         | Candice  |
| ## | 1221 | 1 | A | F | Millennial         | Samantha |
| ## | 1222 | 1 | A | F | Millennial         | Latoya   |
| ## | 1223 | 1 | A | F | Millennial         | Taylor   |
| ## | 1224 | 1 | A | F | Millennial         | Brittany |
| ## | 1225 | 1 | В | M | Boomer             | Bernard  |
| ## | 1226 | 1 | В | M | Boomer             | Leroy    |
| ## | 1227 | 1 | В | M | Boomer             | Bernard  |
| ## | 1228 | 1 | В | M | Boomer             |          |
| ## | 1229 | 1 | В | M |                    | Ray      |
|    |      |   |   |   | Boomer             | Bernard  |
| ## | 1230 | 1 | В | M | Boomer             | Herbert  |
| ## | 1231 | 1 | В | M | GenX               | Troy     |
| ## | 1232 | 1 | В | M | GenX               | Chris    |
| ## | 1233 | 1 | В | М | GenX               | Tim      |
| ## | 1234 | 1 | В | M | GenX               | Tim      |
| ## | 1235 | 1 | В | М | GenX               | Chris    |
| ## | 1236 | 1 | В | M | GenX               | Jeff     |
| ## | 1237 | 1 | В |   | Millennial         | Luis     |
| ## | 1238 | 1 | В | M | Millennial         | Wesley   |
| ## | 1239 | 1 | В | M | Millennial         | Dylan    |
| ## | 1240 | 1 | В | M | Millennial         | Gabriel  |
| ## | 1241 | 1 | В | M | Millennial         | Seth     |
| ## | 1242 | 1 | В | M | ${\tt Millennial}$ | Casey    |
| ## | 1243 | 1 | В | F | Boomer             | Joan     |
| ## | 1244 | 1 | В | F | Boomer             | Lorraine |
| ## | 1245 | 1 | В | F | Boomer             | Joan     |
| ## | 1246 | 1 | В | F | Boomer             | Joan     |
| ## | 1247 | 1 | В | F | Boomer             | Dianne   |
| ## | 1248 | 1 | В | F | Boomer             | Betty    |
| ## | 1249 | 1 | В | F | GenX               | Tamara   |
| ## | 1250 | 1 | В | F | GenX               | Melinda  |
| ## | 1251 | 1 | В | F | GenX               | Heidi    |
|    |      | _ | - | = |                    |          |

| ## | 1252 | 1 | В | F  | GenX               | Melinda  |
|----|------|---|---|----|--------------------|----------|
| ## | 1253 | 1 | В | F  | GenX               | Heidi    |
| ## | 1254 | 1 | В | F  | GenX               | Sherri   |
| ## | 1255 | 1 | В | F  | ${\tt Millennial}$ | Latoya   |
| ## | 1256 | 1 | В | F  | Millennial         | Taylor   |
| ## | 1257 | 1 | В | F  | ${\tt Millennial}$ | Taylor   |
| ## | 1258 | 1 | В | F  | ${\tt Millennial}$ | Alexis   |
| ## | 1259 | 1 | В | F  | ${\tt Millennial}$ | Brittney |
| ## | 1260 | 1 | В | F  | ${\tt Millennial}$ | Lauren   |
| ## | 1261 | 1 | C | M  | Boomer             | Theodore |
| ## | 1262 | 1 | C | M  | Boomer             | Bernard  |
| ## | 1263 | 1 | C | M  | Boomer             | Tom      |
| ## | 1264 | 1 | C | M  | Boomer             | Leroy    |
| ## | 1265 | 1 | C | M  | Boomer             | Gene     |
| ## | 1266 | 1 | C | M  | Boomer             | Herbert  |
| ## | 1267 | 1 | C | M  | GenX               | Greg     |
| ## | 1268 | 1 | C | M  | GenX               | Greg     |
| ## | 1269 | 1 | C | M  | GenX               | Chris    |
| ## | 1270 | 1 | C | M  | GenX               | Marc     |
| ## | 1271 | 1 | C | M  | GenX               | Marc     |
| ## | 1272 | 1 | C | M  | GenX               | Greg     |
| ## | 1273 | 1 | C | М  | Millennial         | Wesley   |
| ## | 1274 | 1 | C | М  | Millennial         | Evan     |
| ## | 1275 | 1 | C | М  | Millennial         | Wesley   |
| ## | 1276 | 1 | C | М  | Millennial         | Dylan    |
| ## | 1277 | 1 | C | М  | Millennial         | Dylan    |
| ## | 1278 | 1 | C | М  | Millennial         | Dylan    |
| ## | 1279 | 1 | C | F  | Boomer             | Dianne   |
| ## | 1280 | 1 | C | F  | Boomer             | Marjorie |
| ## | 1281 | 1 | C | F  | Boomer             | Dorothy  |
| ## | 1282 | 1 | C | F  | Boomer             | Lorraine |
| ## | 1283 | 1 | C | F  | Boomer             | Joan     |
| ## | 1284 | 1 | C | F  | Boomer             | Betty    |
| ## | 1285 | 1 | C | F  | GenX               | Tammy    |
| ## | 1286 | 1 | C | F  | GenX               | Tamara   |
| ## | 1287 | 1 | C | F  | GenX               | Tamara   |
| ## | 1288 | 1 | C | F  | GenX               | Colleen  |
| ## | 1289 | 1 | C | F  | GenX               | Melinda  |
| ## | 1290 | 1 | C | F  | GenX               | Heidi    |
| ## | 1291 | 1 | C | F  | Millennial         | Latoya   |
| ## | 1292 | 1 | C | F  | Millennial         | Brittney |
| ## | 1293 | 1 | C | F  | Millennial         | Brittney |
| ## | 1294 | 1 | C | F  | Millennial         | Lauren   |
| ## | 1295 | 1 | C | F  | Millennial         | Bethany  |
| ## | 1296 | 1 | C | F  | Millennial         | Cheyenne |
| ## | 1297 | m | A | М  | Boomer             | Alfred   |
| ## | 1298 | m | A | M  | Boomer             | Ray      |
| ## | 1299 | m | A | M  | Boomer             | Alfred   |
| ## | 1300 | m | A | M  | Boomer             | Theodore |
| ## | 1301 | m | A | M  | Boomer             | Ray      |
| ## | 1301 | m | A | M  | Boomer             | Gene     |
| ## | 1303 | m | A | M  | GenX               | Dean     |
| ## | 1304 | m | A | M  | GenX               | Dean     |
| ## | 1305 | m | A | M  | GenX               | Troy     |
| π# | 1000 | Ш | A | rı | GEIIV              | 110y     |

|    | 4000 |   |   |        | <i>a</i>           |          |
|----|------|---|---|--------|--------------------|----------|
| ## | 1306 | m |   | M      | GenX               | Darryl   |
| ## | 1307 | m |   | M      | GenX               | Jon      |
| ## | 1308 | m |   | M      | GenX               | Darryl   |
| ## | 1309 | m | A | M      | Millennial         | Seth     |
| ## | 1310 | m | A | M      | Millennial         | Zachary  |
| ## | 1311 | m | A | M      | Millennial         | Gabriel  |
| ## | 1312 | m | A | M      | ${\tt Millennial}$ | Evan     |
| ## | 1313 | m | A | M      | ${\tt Millennial}$ | Austin   |
| ## | 1314 | m | A | M      | ${\tt Millennial}$ | Dylan    |
| ## | 1315 | m | A | F      | Boomer             | Dianne   |
| ## | 1316 | m | A | F      | Boomer             | Gloria   |
| ## | 1317 | m | A | F      | Boomer             | Dorothy  |
| ## | 1318 | m | A | F      | Boomer             | Dorothy  |
| ## | 1319 | m | A | F      | Boomer             | Betty    |
| ## | 1320 | m | A | F      | Boomer             | Gloria   |
| ## | 1321 | m | A | F      | GenX               | Colleen  |
| ## | 1322 | m | A | F      | GenX               | Dawn     |
| ## | 1323 | m | A | F      | GenX               | Sherri   |
| ## | 1324 | m | A | F      | GenX               | Tracey   |
| ## | 1325 | m | A | F      | GenX               | Melinda  |
| ## | 1326 | m | A | F      | GenX               | Tamara   |
| ## | 1327 | m |   | F      | Millennial         | Latoya   |
| ## | 1328 | m |   | F      | Millennial         | Taylor   |
| ## | 1329 | m |   | F      | Millennial         | Alexis   |
| ## | 1330 | m |   | F      | Millennial         | Samantha |
| ## | 1331 | m |   | F      | Millennial         | Cheyenne |
| ## | 1332 | m |   | F      | Millennial         | Taylor   |
| ## | 1333 | m | _ | M      | Boomer             | Gene     |
| ## | 1334 | m | _ | M      | Boomer             | Herbert  |
| ## | 1335 |   | _ | M      | Boomer             | Eddie    |
|    | 1336 | m | _ | M<br>M |                    |          |
| ## |      | m |   |        | Boomer             | Bernard  |
| ## | 1337 | m |   | M      | Boomer             | Leroy    |
| ## | 1338 | m |   | M      | Boomer             | Bernard  |
| ## | 1339 | m |   | М      | GenX               | Jeff     |
| ## | 1340 | m |   | М      | GenX               | Marc     |
| ## | 1341 | m |   | М      | GenX               | Jamie    |
| ## | 1342 | m | _ | M      | GenX               | Jamie    |
| ## | 1343 | m |   | М      | GenX               | Troy     |
| ## | 1344 | m |   | M      | GenX               | Jeff     |
| ## | 1345 | m |   |        | Millennial         | Luis     |
| ## | 1346 | m |   | M      | Millennial         |          |
| ## | 1347 | m | В | M      | Millennial         | Wesley   |
| ## | 1348 | m | В | M      | Millennial         | Zachary  |
| ## | 1349 | m | В | M      | Millennial         | Evan     |
| ## | 1350 | m | В | M      | ${\tt Millennial}$ | Zachary  |
| ## | 1351 | m | В | F      | Boomer             | Kay      |
| ## | 1352 | m | В | F      | Boomer             | Shirley  |
| ## | 1353 | m | В | F      | Boomer             | Mildred  |
| ## | 1354 | m | В | F      | Boomer             | Kay      |
| ## | 1355 | m | В | F      | Boomer             | Gloria   |
| ## | 1356 | m | В | F      | Boomer             | Mildred  |
| ## | 1357 | m | В | F      | GenX               | Melinda  |
| ## | 1358 | m | В | F      | GenX               | Sherri   |
| ## | 1359 | m | В | F      | GenX               | Sherri   |
|    |      |   |   |        |                    |          |

|    |      |       | _ | _      | ~                  |          |
|----|------|-------|---|--------|--------------------|----------|
| ## | 1360 | m     |   | F      | GenX               | Melinda  |
| ## | 1361 | m     |   | F      | GenX               | Dawn     |
| ## | 1362 | m     |   | F      | GenX               | Heidi    |
| ## | 1363 | m     | В | F      | Millennial         | Brittney |
| ## | 1364 | m     | В | F      | Millennial         | Lauren   |
| ## | 1365 | m     | В | F      | Millennial         | Candice  |
| ## | 1366 | m     | В | F      | Millennial         | Latoya   |
| ## | 1367 | m     | В | F      | ${\tt Millennial}$ | Taylor   |
| ## | 1368 | m     | В | F      | ${\tt Millennial}$ | Samantha |
| ## | 1369 | m     | C | M      | Boomer             | Lee      |
| ## | 1370 | m     | C | M      | Boomer             | Leroy    |
| ## | 1371 | m     | C | M      | Boomer             | Gene     |
| ## | 1372 | m     | C | M      | Boomer             | Theodore |
| ## | 1373 | m     | C | M      | Boomer             | Alfred   |
| ## | 1374 | m     | C | M      | Boomer             | Herbert  |
| ## | 1375 | m     | C | M      | GenX               | Jamie    |
| ## | 1376 | m     | C | М      | GenX               | Tim      |
| ## | 1377 | m     | C | М      | GenX               | Jamie    |
| ## | 1378 | m     | ~ | М      | GenX               | Chris    |
| ## | 1379 | m     | С | М      | GenX               | Jeff     |
| ## | 1380 | m     | ~ | М      | GenX               | Darryl   |
| ## | 1381 | m     | ~ | M      | Millennial         | Seth     |
| ## | 1382 | m     | ~ | М      | Millennial         | Austin   |
| ## | 1383 | m     | ~ | M      | Millennial         | Zachary  |
| ## | 1384 | m     | ~ | M      | Millennial         | Ū        |
| ## | 1385 | m     | ~ | M      | Millennial         | Seth     |
| ## | 1386 | m     | ~ | M      | Millennial         |          |
| ## | 1387 | m     | ~ | F      | Boomer             | Shirley  |
| ## | 1388 |       | ~ | r<br>F |                    | •        |
|    |      | m<br> | ~ | r<br>F | Boomer             | Betty    |
| ## | 1389 | m     |   |        | Boomer             | Lorraine |
| ## | 1390 | m     |   | F      | Boomer             | Dorothy  |
| ## | 1391 | m     |   | F      | Boomer             | Kay      |
| ## | 1392 | m     |   | F      | Boomer             | Lorraine |
| ## | 1393 | m     |   | F      | GenX               | Tamara   |
| ## | 1394 | m     |   | F      | GenX               | Sherri   |
| ## | 1395 | m     |   | F      | GenX               | Colleen  |
| ## | 1396 | m     | C | F      | GenX               | Sherri   |
| ## | 1397 | m     | C | F      | GenX               | Melinda  |
| ## | 1398 | m     |   | F      | GenX               | Tracey   |
| ## | 1399 | m     |   | F      | Millennial         | Brittney |
| ## | 1400 | m     |   | F      | Millennial         | Taylor   |
| ## | 1401 | m     | C | F      | ${\tt Millennial}$ | Latoya   |
| ## | 1402 | m     | C | F      | Millennial         | Brittney |
| ## | 1403 | m     | C | F      | Millennial         | Cheyenne |
| ## | 1404 | m     | C | F      | Millennial         | Candice  |
| ## | 1405 | n     | A | M      | Boomer             | Theodore |
| ## | 1406 | n     | A | M      | Boomer             | Theodore |
| ## | 1407 | n     | A | М      | Boomer             | Herbert  |
| ## | 1408 | n     | A | М      | Boomer             | Ray      |
| ## | 1409 | n     | A | М      | Boomer             | Gene     |
| ## | 1410 | n     | _ | М      | Boomer             | Gene     |
| ## | 1411 | n     | _ | M      | GenX               | Chris    |
| ## | 1412 | n     |   | M      | GenX               | Darryl   |
| ## | 1413 | n     |   | М      | GenX               | Troy     |
| 11 |      | 11    | л | 11     | GCIIA              | 11 O y   |

| ## | 1414 | n | A | M | GenX               | Dean      |
|----|------|---|---|---|--------------------|-----------|
| ## | 1415 | n | A | M | GenX               | Chris     |
| ## | 1416 | n | A | M | GenX               | Troy      |
| ## | 1417 | n | A | M | ${\tt Millennial}$ | Christian |
| ## | 1418 | n | A | M | Millennial         | Luis      |
| ## | 1419 | n | A | M | ${\tt Millennial}$ | Gabriel   |
| ## | 1420 | n | A | M | Millennial         | Gabriel   |
| ## | 1421 | n | A | M | Millennial         | Evan      |
| ## | 1422 | n | A | M | Millennial         | Zachary   |
| ## | 1423 | n | A | F | Boomer             | Marjorie  |
| ## | 1424 | n | A | F | Boomer             | Marjorie  |
| ## | 1425 | n | A | F | Boomer             | Joan      |
| ## | 1426 | n | A | F | Boomer             | Kay       |
| ## | 1427 | n | A | F | Boomer             | Lorraine  |
| ## | 1428 | n | A | F | Boomer             | Dorothy   |
| ## | 1429 | n | A | F | GenX               | Heidi     |
| ## | 1430 | n | A | F | GenX               | Colleen   |
| ## | 1431 | n | A | F | GenX               | Melinda   |
| ## | 1432 | n | A | F | GenX               | Melinda   |
| ## | 1433 | n | A | F | GenX               | Dawn      |
| ## | 1434 | n | A | F | GenX               | Sherri    |
| ## | 1435 | n | A | F | Millennial         | Lauren    |
| ## | 1436 | n | A | F | Millennial         | Candice   |
| ## | 1437 | n | A | F | Millennial         | Samantha  |
| ## | 1438 | n | A | F | Millennial         | Taylor    |
| ## | 1439 | n | A | F | Millennial         | Candice   |
| ## | 1440 | n | A | F | Millennial         | Brittney  |
| ## | 1441 | n | В | M | Boomer             | Alfred    |
| ## | 1442 | n | В | M | Boomer             | Leroy     |
| ## | 1443 | n | В | M | Boomer             | Tom       |
| ## | 1444 | n | В | M | Boomer             | Ray       |
| ## | 1445 | n | В | M | Boomer             | Gene      |
| ## | 1446 | n | В | M | Boomer             | Ray       |
| ## | 1447 | n | В | M | GenX               | Tim       |
| ## | 1448 | n | В | M | GenX               | Jeff      |
| ## | 1449 | n | В | M | GenX               | Dean      |
| ## | 1450 | n | В | M | GenX               | Jeff      |
| ## | 1451 | n | В | M | GenX               | Greg      |
| ## | 1452 | n | В | M | GenX               | Tim       |
| ## | 1453 | n | В | M | Millennial         | Casey     |
| ## | 1454 | n | В | M | ${\tt Millennial}$ | Austin    |
| ## | 1455 | n | В | M | ${\tt Millennial}$ | Austin    |
| ## | 1456 | n | В | M | ${\tt Millennial}$ | Casey     |
| ## | 1457 | n | В | M | ${\tt Millennial}$ | Austin    |
| ## | 1458 | n | В | M | ${\tt Millennial}$ | Luis      |
| ## | 1459 | n | В | F | Boomer             | Shirley   |
| ## | 1460 | n | В | F | Boomer             | Betty     |
| ## | 1461 | n | В | F | Boomer             | Mildred   |
| ## | 1462 | n | В | F | Boomer             | Mildred   |
| ## | 1463 | n | В | F | Boomer             | Betty     |
| ## | 1464 | n | В | F | Boomer             | Dianne    |
| ## | 1465 | n | В | F | GenX               | Tracy     |
| ## | 1466 | n | В | F | GenX               | Tammy     |
| ## | 1467 | n | В | F | GenX               | Tamara    |
|    |      |   |   |   |                    |           |

```
## 1468
                             В
                                     F
                                               GenX
                                                          Dawn
                  n
## 1469
                             В
                                     F
                                               GenX
                                                          Dawn
                  n
## 1470
                  n
                             В
                                     F
                                               GenX
                                                          Dawn
## 1471
                             В
                                     F Millennial
                                                        Alexis
                  n
## 1472
                  n
                             В
                                     F Millennial
                                                     Brittney
## 1473
                             В
                                      F Millennial
                                                        Alexis
                  n
## 1474
                             В
                                      F Millennial
                                                      Samantha
                  n
## 1475
                  n
                             В
                                     F Millennial
                                                       Candice
## 1476
                  n
                             В
                                     F
                                       Millennial
                                                        Alexis
                             С
## 1477
                  n
                                     М
                                            Boomer
                                                       Herbert
## 1478
                             С
                                     М
                                            Boomer
                                                       Herbert
                  n
                             С
## 1479
                                     М
                  n
                                            Boomer
                                                       Herbert
                             С
## 1480
                                     М
                                            Boomer
                                                           Ray
                  n
                             С
## 1481
                  n
                                     М
                                            Boomer
                                                           Ray
## 1482
                             С
                                            Boomer
                                     Μ
                                                        Alfred
                  n
## 1483
                             С
                                     М
                                               {\tt GenX}
                                                           Jon
                  n
## 1484
                             С
                                     М
                                               {\tt GenX}
                                                         Jamie
                  n
                             С
## 1485
                                     Μ
                                               GenX
                                                           Tim
                  n
## 1486
                             С
                                               GenX
                                     М
                                                         Chris
                  n
                             С
## 1487
                  n
                                     М
                                               GenX
                                                         Chris
## 1488
                             С
                                     Μ
                                               GenX
                                                         Jamie
                  n
## 1489
                             С
                                     M Millennial
                                                        Austin
                  n
                             С
## 1490
                                     M Millennial
                                                        Austin
                  n
## 1491
                             С
                                     M Millennial
                                                        Wesley
                  n
                             С
## 1492
                  n
                                     M Millennial
                                                       Gabriel
## 1493
                  n
                             С
                                     M Millennial
                                                        Austin
## 1494
                             С
                                     M Millennial
                  n
                                                       Zachary
## 1495
                             С
                                     F
                                            Boomer
                                                       Mildred
                  n
                             С
                                      F
## 1496
                                            Boomer
                  n
                                                         Betty
                             С
                                     F
## 1497
                                            Boomer
                  n
                                                           Kay
                             С
                                     F
## 1498
                  n
                                            Boomer
                                                      Marjorie
## 1499
                             С
                                     F
                                            Boomer
                                                       Dorothy
                  n
                             С
                                     F
## 1500
                                            Boomer
                                                          Joan
                  n
                             С
## 1501
                                     F
                                                          Dawn
                                               {\tt GenX}
                  n
                             С
                                     F
## 1502
                                               GenX
                                                          Tina
                  n
                                     F
## 1503
                             С
                                               GenX
                  n
                                                       Colleen
## 1504
                  n
                             С
                                     F
                                               GenX
                                                         Tammy
## 1505
                             С
                                     F
                                               GenX
                                                         Tammy
                  n
## 1506
                             C
                                     F
                                               GenX
                                                        Tamara
                  n
                             С
## 1507
                                     F Millennial
                                                     Samantha
                  n
## 1508
                             С
                                     F Millennial
                  n
                                                        Latoya
                             С
## 1509
                                     F Millennial
                                                     Cheyenne
                  n
                             С
                                     F Millennial
                                                        Taylor
## 1510
                  n
                             С
                                      F Millennial
## 1511
                                                        Taylor
                  n
## 1512
                             С
                                     F Millennial
                                                       Bethany
```

• Now that you've done it with the rep function. Try it with the expand.grid function which will be much easier.

```
X = data.frame(expand.grid(
  rep(NA, 6),
  generation = c("Boomer", "GenX", "Millennial"),
  gender = c("M", "F"),
  variation = c("A", "B", "C"),
  treatment = letters[1:14]
```

```
colnames(X) = c("name", "generation", "gender", "variation", "treatment")

## name generation gender variation treatment
## 1 NA Boomer M A a
```

| ## |    | name | generation         | gender | variation | treatment |
|----|----|------|--------------------|--------|-----------|-----------|
| ## | 1  | NA   | Boomer             | M      | Α         | a         |
| ## | 2  | NA   | Boomer             | M      | Α         | a         |
| ## | 3  | NA   | Boomer             | M      | A         | a         |
| ## | 4  | NA   | Boomer             | M      | A         | a         |
| ## | 5  | NA   | Boomer             | M      | A         | a         |
| ## | 6  | NA   | Boomer             | M      | A         | a         |
| ## | 7  | NA   | GenX               | M      | A         | a         |
| ## | 8  | NA   | GenX               | M      | A         | a         |
| ## | 9  | NA   | GenX               | M      | A         | a         |
| ## | 10 | NA   | GenX               | M      | Α         | a         |
| ## | 11 | NA   | GenX               | M      | A         | a         |
| ## | 12 | NA   | GenX               | M      | A         | a         |
| ## | 13 | NA   | Millennial         | M      | A         | a         |
| ## | 14 | NA   | Millennial         | M      | A         | a         |
| ## | 15 | NA   | ${\tt Millennial}$ | M      | Α         | a         |
| ## | 16 | NA   | ${\tt Millennial}$ | M      | Α         | a         |
| ## | 17 | NA   | ${\tt Millennial}$ | M      | A         | a         |
| ## | 18 | NA   | ${\tt Millennial}$ | M      | A         | a         |
| ## | 19 | NA   | Boomer             | F      | A         | a         |
| ## | 20 | NA   | Boomer             | F      | A         | a         |
| ## | 21 | NA   | Boomer             | F      | A         | a         |
| ## | 22 | NA   | Boomer             | F      | A         | a         |
| ## | 23 | NA   | Boomer             | F      | A         | a         |
| ## | 24 | NA   | Boomer             | F      | A         | a         |
| ## | 25 | NA   | GenX               | F      | A         | a         |
| ## | 26 | NA   | GenX               | F      | Α         | a         |
| ## | 27 | NA   | GenX               | F      | A         | a         |
| ## | 28 | NA   | GenX               | F      | Α         | a         |
| ## | 29 | NA   | GenX               | F      | Α         | a         |
| ## | 30 | NA   | GenX               | F      | Α         | a         |
| ## | 31 | NA   | ${\tt Millennial}$ | F      | Α         | a         |
| ## | 32 | NA   | ${\tt Millennial}$ | F      | Α         | a         |
| ## | 33 |      | ${\tt Millennial}$ | F      | Α         | a         |
| ## | 34 | NA   | Millennial         | F      | A         | a         |
| ## | 35 | NA   | Millennial         | F      | A         | a         |
| ## | 36 |      | Millennial         | F      | A         | a         |
| ## | 37 | NA   | Boomer             | M      | В         | a         |
| ## |    | NA   | Boomer             | М      | В         | a         |
|    | 39 | NA   | Boomer             | М      | В         | a         |
| ## | 40 | NA   | Boomer             | M      | В         | a         |
| ## | 41 | NA   | Boomer             | M      | В         | a         |
| ## |    | NA   | Boomer             | M      | В         | a         |
| ## |    | NA   | GenX               | М      | В         | a         |
| ## |    | NA   | GenX               | М      | В         | a         |
| ## |    | NA   | GenX               | M      | В         | a         |
| ## |    | NA   | GenX               | M      | В         | a         |
| ## | 47 | NA   | GenX               | M      | В         | a         |
| ## | 48 | NA   | GenX               | M      | В         | a         |
| ## | 49 | NA   | Millennial         | M      | В         | a         |

| ## | 50  | NA       | Millennial       | M      | В | a |
|----|-----|----------|------------------|--------|---|---|
| ## | 51  | NA       | Millennial       | M      | В | a |
| ## | 52  | NA       | Millennial       | M      | В | a |
| ## | 53  | NA       | Millennial       | M      | В | a |
| ## | 54  | NA       | Millennial       | M      | В | a |
| ## | 55  | NA       | Boomer           | F      | В | a |
| ## | 56  | NA       | Boomer           | F      | В | a |
| ## | 57  | NA       | Boomer           | F      | В | a |
| ## | 58  | NA       | Boomer           | F      | В | a |
| ## | 59  | NA       | Boomer           | F      | В | a |
| ## | 60  | NA       | Boomer           | F      | В | a |
| ## | 61  | NA       | GenX             | F      | В | a |
| ## | 62  | NA       | GenX             | F      | В | a |
| ## | 63  | NA       | GenX             | F      | В | a |
| ## | 64  | NA       | GenX             | F      | В | a |
| ## | 65  | NA       | GenX             | F      | В | a |
| ## | 66  | NA       | GenX             | F      | В | a |
| ## | 67  | NA       | Millennial       | F      | В | a |
| ## | 68  | NA       | Millennial       | F      | В | a |
| ## | 69  | NA       | Millennial       | F      | В | a |
| ## | 70  | NA       | Millennial       | F      | В | a |
| ## | 71  | NA       | Millennial       | F      | В | a |
| ## | 72  | NA       | Millennial       | F      | В | a |
| ## | 73  | NA       | Boomer           | М      | С | a |
| ## | 74  | NA       | Boomer           | М      | C | a |
| ## | 75  | NA       | Boomer           | М      | C | a |
| ## | 76  | NA       | Boomer           | М      | C | a |
| ## | 77  | NA       | Boomer           | М      | C | a |
| ## | 78  | NA       | Boomer           | М      | C | a |
| ## | 79  | NA       | GenX             | М      | C | a |
| ## | 80  | NA       | GenX             | М      | C | a |
| ## | 81  | NA       | GenX             | М      | C | a |
| ## | 82  | NA       | GenX             | М      | C | a |
| ## | 83  | NA       | GenX             | M      | C | a |
| ## | 84  | NA       | GenX             | М      | C | a |
| ## | 85  | NA       | Millennial       | M      | C | a |
| ## | 86  |          | Millennial       | М      | C | a |
| ## | 87  |          | Millennial       | M      | C | a |
| ## | 88  |          | Millennial       | M      | C | a |
| ## | 89  |          | Millennial       | M      | C | a |
| ## | 90  | NA       |                  | M      | C |   |
| ## | 91  | NA       | Boomer           | F      | C | a |
| ## | 92  | NA       | Boomer           | F      | C | a |
| ## | 93  | NA       | Boomer           | F      | C | a |
| ## | 94  | NA       |                  | F      | C | a |
| ## | 95  | NA       | Boomer<br>Boomer | r<br>F | C | a |
| ## |     |          |                  | r<br>F | C | a |
| ## | 96  | NA<br>NA | Boomer           | r<br>F | C | a |
| ## | 97  | NA<br>NA | GenX             | r<br>F | C | a |
|    | 98  | NA<br>NA | GenX             |        |   | a |
| ## | 99  | NA<br>NA | GenX             | F      | C | a |
| ## | 100 | NA<br>NA | GenX             | F      | C | a |
| ## | 101 | NA<br>NA | GenX             | F      | C | a |
| ## | 102 | NA<br>NA | GenX             | F      | C | a |
| ## | 103 | ΝA       | Millennial       | F      | C | a |

| ## | 104 | NA | Millennial | F      | С | a      |
|----|-----|----|------------|--------|---|--------|
| ## | 105 | NA | Millennial | F      | C | a      |
| ## | 106 | NA | Millennial | F      | C | a      |
| ## | 107 | NA | Millennial | F      | C | a      |
| ## | 108 | NA | Millennial | F      | C | a      |
| ## | 109 | NA | Boomer     | M      | A | b      |
| ## | 110 | NA | Boomer     | M      | Α | b      |
| ## | 111 | NA | Boomer     | M      | A | b      |
| ## | 112 | NA | Boomer     | M      | A | b      |
| ## | 113 | NA | Boomer     | M      | A | b      |
| ## | 114 | NA | Boomer     | M      | A | b      |
| ## | 115 | NA | GenX       | M      | A | b      |
| ## | 116 | NA | GenX       | M      | A | b      |
| ## | 117 | NA | GenX       | M      | A | b      |
| ## | 118 | NA | GenX       | М      | A | b      |
| ## | 119 | NA | GenX       | M      | A | b      |
| ## | 120 | NA | GenX       | M      | A | b      |
| ## | 121 | NA | Millennial | M      | Α | b      |
| ## | 122 | NA | Millennial | M      | Α | b      |
| ## | 123 | NA | Millennial | М      | Α | b      |
| ## | 124 | NA | Millennial | М      | Α | b      |
| ## | 125 | NA | Millennial | М      | Α | b      |
| ## | 126 |    | Millennial | М      | A | b      |
| ## | 127 | NA | Boomer     | F      | A | b      |
| ## | 128 | NA | Boomer     | F      | A | b      |
| ## | 129 | NA | Boomer     | F      | A | b      |
| ## | 130 | NA | Boomer     | F      | A | b      |
| ## | 131 | NA | Boomer     | F      | A | b      |
| ## | 132 | NA | Boomer     | F      | A | b      |
| ## | 133 | NA | GenX       | F      | A | b      |
| ## | 134 | NA | GenX       | F      | A | b      |
| ## | 135 | NA | GenX       | F      | A | b      |
| ## | 136 | NA | GenX       | F      | A | b      |
| ## | 137 | NA | GenX       | r<br>F | A | b      |
| ## |     | NA |            | r<br>F |   |        |
| ## | 138 |    | GenX       |        | A | b<br>b |
|    | 139 | NA | Millennial | F      | A |        |
| ## | 140 |    | Millennial | F      | A | b<br>ъ |
| ## | 141 |    | Millennial | F      | A | b      |
| ## | 142 | NA |            | F      | A | b      |
| ## | 143 |    | Millennial | F      | A | b      |
| ## | 144 |    | Millennial | F      | A | b      |
| ## | 145 | NA | Boomer     | M      | В | b      |
| ## | 146 | NA | Boomer     | M      | В | b      |
| ## | 147 | NA | Boomer     | М      | В | b      |
| ## | 148 | NA | Boomer     | М      | В | b      |
| ## | 149 | NA | Boomer     | M      | В | b      |
| ## | 150 | NA | Boomer     | М      | В | b      |
| ## | 151 | NA | GenX       | М      | В | b      |
| ## | 152 | NA | GenX       | М      | В | b      |
| ## | 153 | NA | GenX       | М      | В | b      |
| ## | 154 | NA | GenX       | M      | В | b      |
| ## | 155 | NA | GenX       | М      | В | b      |
| ## | 156 | NA | GenX       | M      | В | b      |
| ## | 157 | NA | Millennial | M      | В | b      |
|    |     |    |            |        |   |        |

| ## | 158 | NA | ${\tt Millennial}$ | M      | В | b      |
|----|-----|----|--------------------|--------|---|--------|
| ## | 159 | NA | Millennial         | M      | В | b      |
| ## | 160 | NA | Millennial         | M      | В | b      |
| ## | 161 | NA | Millennial         | M      | В | b      |
| ## | 162 | NA | Millennial         | M      | В | b      |
| ## | 163 | NA | Boomer             | F      | В | b      |
| ## | 164 | NA | Boomer             | F      | В | b      |
| ## | 165 | NA | Boomer             | F      | В | Ъ      |
| ## | 166 | NA | Boomer             | F      | В | Ъ      |
| ## | 167 | NA | Boomer             | F      | В | Ъ      |
| ## | 168 | NA | Boomer             | F      | В | Ъ      |
| ## | 169 | NA | GenX               | F      | В | Ъ      |
| ## | 170 | NA | GenX               | F      | В | Ъ      |
| ## | 171 | NA | GenX               | F      | В | b      |
| ## | 172 | NA | GenX               | F      | В | b      |
| ## | 173 | NA | GenX               | F      | В | b      |
| ## | 174 | NA | GenX               | F      | В | b      |
| ## | 175 |    | Millennial         | F      | В | b      |
| ## | 176 | NA | Millennial         | F      | В | b      |
| ## | 177 |    | Millennial         | r<br>F |   |        |
|    | 178 | NA |                    |        | В | b<br>h |
| ## |     | NA | Millennial         | F      | В | b      |
| ## | 179 | NA | Millennial         | F      | В | b      |
| ## | 180 |    | Millennial         | F      | В | b      |
| ## | 181 | NA | Boomer             | М      | C | b      |
| ## | 182 | NA | Boomer             | М      | C | b      |
| ## | 183 | NA | Boomer             | M      | C | b      |
| ## | 184 | NA | Boomer             | M      | C | b      |
| ## | 185 | ΝA | Boomer             | M      | C | b      |
| ## | 186 | NA | Boomer             | M      | C | b      |
| ## | 187 | NA | GenX               | M      | C | b      |
| ## | 188 | NA | GenX               | M      | C | b      |
| ## | 189 | NA | GenX               | M      | C | Ъ      |
| ## | 190 | NA | GenX               | M      | C | Ъ      |
| ## | 191 | NA | GenX               | M      | C | b      |
| ## | 192 | NA | GenX               | M      | C | b      |
| ## | 193 | NA | Millennial         | M      | C | b      |
| ## | 194 | NA | Millennial         | M      | C | b      |
| ## | 195 | NA | Millennial         | М      | C | Ъ      |
| ## | 196 | NA |                    | М      | C | Ъ      |
| ## | 197 |    | Millennial         | М      | C | b      |
| ## | 198 | NA |                    | M      | C | b      |
| ## | 199 | NA | Boomer             | F      | C | b      |
| ## | 200 | NA | Boomer             | F      | C | b      |
| ## | 201 | NA | Boomer             | F      | C | b      |
| ## | 202 | NA |                    | F      | C | b      |
| ## |     |    | Boomer<br>Boomer   | r<br>F | C |        |
|    | 203 | NA |                    |        |   | b<br>ъ |
| ## | 204 | NA | Boomer             | F      | C | b<br>ъ |
| ## | 205 | NA | GenX               | F      | C | b<br>ъ |
| ## | 206 | NA | GenX               | F      | C | b      |
| ## | 207 | NA | GenX               | F      | C | b      |
| ## | 208 | NA | GenX               | F      | C | b      |
| ## | 209 | NA | GenX               | F      | C | b      |
| ## | 210 | NA | GenX               | F      | C | b      |
| ## | 211 | NA | Millennial         | F      | C | b      |
|    |     |    |                    |        |   |        |

| ## | 212        | NA       | Millennial | F      | C | b |
|----|------------|----------|------------|--------|---|---|
| ## | 213        | NA       | Millennial | F      | C | b |
| ## | 214        | NA       | Millennial | F      | C | b |
| ## | 215        | NA       | Millennial | F      | C | b |
| ## | 216        | NA       | Millennial | F      | C | Ъ |
| ## | 217        | NA       | Boomer     | M      | A | С |
| ## | 218        | NA       | Boomer     | M      | A | С |
| ## | 219        | NA       | Boomer     | M      | Α | С |
| ## | 220        | NA       | Boomer     | M      | Α | С |
| ## | 221        | NA       | Boomer     | M      | Α | С |
| ## | 222        | NA       | Boomer     | M      | Α | С |
| ## | 223        | NA       | GenX       | М      | Α | С |
| ## | 224        | NA       | GenX       | М      | Α | С |
| ## | 225        | NA       | GenX       | М      | Α | С |
| ## | 226        | NA       | GenX       | М      | Α | С |
| ## | 227        | NA       | GenX       | М      | Α | С |
| ## | 228        | NA       | GenX       | М      | Α | С |
| ## | 229        |          | Millennial | М      | Α | С |
| ## | 230        | NA       | Millennial | М      | A | c |
| ## | 231        | NA       | Millennial | М      | A | C |
| ## | 232        | NA       | Millennial | М      | A | C |
| ## | 233        | NA       | Millennial | М      | A | С |
| ## | 234        |          | Millennial | М      | A | С |
| ## | 235        | NA       | Boomer     | F      | A | c |
| ## | 236        | NA       | Boomer     | F      | A | c |
| ## | 237        | NA       | Boomer     | F      | A | С |
| ## | 238        | NA       | Boomer     | F      | A | С |
| ## | 239        | NA       | Boomer     | F      | A | С |
| ## | 240        | NA       | Boomer     | F      | A | С |
| ## | 240        | NA       | GenX       | F      | A | С |
| ## | 242        | NA       | GenX       | F      | A |   |
| ## | 242        | NA       | GenX       | r<br>F | A | С |
| ## | 243        | NA       |            | r<br>F |   | С |
| ## | 244        | NA<br>NA | GenX       | r<br>F | A | С |
|    |            |          | GenX       |        | A | С |
| ## | 246<br>247 | NA       | GenX       | F      | A | С |
| ## | 248        |          | Millennial | F      | A | С |
| ## |            |          | Millennial | F      | A | С |
| ## | 249        |          | Millennial | F      | A | С |
| ## | 250        |          | Millennial | F      | A | С |
| ## | 251        |          | Millennial | F      | A | С |
| ## | 252        |          | Millennial | F      | A | С |
| ## | 253        | NA       | Boomer     | M      | В | С |
| ## | 254        | NA       | Boomer     | M      | В | С |
| ## | 255        | NA       | Boomer     | M      | В | С |
| ## | 256        | NA       | Boomer     | M      | В | С |
| ## | 257        | NA       | Boomer     | M      | В | С |
| ## | 258        | NA       | Boomer     | M      | В | С |
| ## | 259        | NA       | GenX       | M      | В | С |
| ## | 260        | NA       | GenX       | M      | В | С |
| ## | 261        | NA       | GenX       | M      | В | С |
| ## | 262        | NA       | GenX       | M      | В | С |
| ## | 263        | NA       | GenX       | M      | В | С |
| ## | 264        | NA       | GenX       | M      | В | С |
| ## | 265        | NA       | Millennial | M      | В | С |
|    |            |          |            |        |   |   |

| ## | 266 | NΔ | Millennial         | М      | В | С |
|----|-----|----|--------------------|--------|---|---|
| ## | 267 |    | Millennial         | M      | В | c |
| ## | 268 | NA | Millennial         | M      | В |   |
|    |     |    |                    |        |   | С |
| ## | 269 |    | Millennial         | M      | В | С |
| ## | 270 |    | Millennial         | M      | В | С |
| ## | 271 | NA | Boomer             | F      | В | С |
| ## | 272 | NA | Boomer             | F      | В | С |
| ## | 273 | NA | Boomer             | F      | В | С |
| ## | 274 | NA | Boomer             | F      | В | С |
| ## | 275 | NA | Boomer             | F      | В | С |
| ## | 276 | NA | Boomer             | F      | В | С |
| ## | 277 | NA | GenX               | F      | В | С |
| ## | 278 | NA | GenX               | F      | В | С |
| ## | 279 | NA | GenX               | F      | В | С |
| ## | 280 | NA | GenX               | F      | В | С |
| ## | 281 | NA | GenX               | F      | В | С |
| ## | 282 | NA | GenX               | F      | В | С |
| ## | 283 | NA | Millennial         | F      | В | С |
| ## | 284 | NA | Millennial         | F      | В | С |
| ## | 285 | NA | Millennial         | F      | В | С |
| ## | 286 | NA | Millennial         | F      | В | С |
| ## | 287 | NA | Millennial         | F      | В | С |
| ## | 288 |    | Millennial         | F      | В | С |
| ## | 289 | NA | Boomer             | М      | C | C |
| ## | 290 | NA | Boomer             | М      | C | c |
| ## | 291 | NA | Boomer             | M      | C | c |
| ## | 292 | NA | Boomer             | M      | C | c |
| ## | 293 | NA | Boomer             | M      | C | c |
| ## | 294 | NA | Boomer             | M      | C | С |
| ## | 295 |    |                    | M      | C |   |
|    |     | NA | GenX               |        |   | С |
| ## | 296 | NA | GenX               | М      | C | С |
| ## | 297 | NA | GenX               | М      | C | С |
| ## | 298 | NA | GenX               | M      | C | С |
| ## | 299 | NA | GenX               | М      | C | С |
| ## | 300 | NA | GenX               | M      | C | С |
| ## | 301 |    | Millennial         | M      | C | С |
| ## | 302 |    | Millennial         | M      | C | С |
| ## | 303 | NA | Millennial         | M      | C | С |
| ## | 304 | NA | Millennial         | M      | C | С |
| ## | 305 | NA | ${\tt Millennial}$ | M      | C | С |
| ## | 306 | NA | ${\tt Millennial}$ | M      | C | С |
| ## | 307 | NA | Boomer             | F      | C | С |
| ## | 308 | NA | Boomer             | F      | C | С |
| ## | 309 | NA | Boomer             | F      | C | С |
| ## | 310 | NA | Boomer             | F      | C | С |
| ## | 311 | NA | Boomer             | F      | C | С |
|    | 312 | NA | Boomer             | F      | C | С |
|    | 313 | NA | GenX               | F      | C | С |
|    | 314 | NA | GenX               | F      | C | С |
|    | 315 | NA | GenX               | F      | C | С |
|    | 316 | NA | GenX               | F      | C | С |
|    | 317 | NA | GenX               | F      | C | С |
|    | 318 | NA | GenX               | F      | C |   |
|    |     |    |                    | r<br>F | C | С |
| ## | 319 | WИ | Millennial         | r      | Ü | С |

| ## | 320 | NA | Millennial | F | C | С      |
|----|-----|----|------------|---|---|--------|
| ## | 321 | NA | Millennial | F | C | С      |
| ## | 322 | NA | Millennial | F | C | С      |
| ## | 323 | NA | Millennial | F | C | С      |
| ## | 324 | NA | Millennial | F | C | С      |
| ## | 325 | NA | Boomer     | M | A | d      |
| ## | 326 | NA | Boomer     | M | A | d      |
| ## | 327 | NA | Boomer     | М | A | d      |
| ## | 328 | NA | Boomer     | М | A | d      |
| ## | 329 | NA | Boomer     | М | A | d      |
| ## | 330 | NA | Boomer     | М | A | d      |
| ## | 331 | NA | GenX       | М | A | d      |
| ## | 332 | NA | GenX       | М | A | d      |
| ## | 333 | NA | GenX       | М | A | d      |
| ## | 334 | NA | GenX       | М | A | d      |
| ## | 335 | NA | GenX       | М | A | d      |
| ## | 336 | NA | GenX       | M | A | d      |
| ## | 337 |    | Millennial | M | A | d      |
| ## | 338 | NA | Millennial | M | A | d      |
| ## | 339 | NA | Millennial | M | A | d      |
| ## | 340 | NA | Millennial | M | A | d      |
|    |     |    | Millennial |   |   |        |
| ## | 341 | NA |            | M | A | d      |
| ## | 342 | NA | Millennial | M | A | d      |
| ## | 343 | NA | Boomer     | F | A | d      |
| ## | 344 | NA | Boomer     | F | A | d      |
| ## | 345 | NA | Boomer     | F | A | d      |
| ## | 346 | NA | Boomer     | F | A | d      |
| ## | 347 | NA | Boomer     | F | A | d      |
| ## | 348 | NA | Boomer     | F | A | d      |
| ## | 349 | NA | GenX       | F | A | d      |
| ## | 350 | NA | GenX       | F | A | d      |
| ## | 351 | NA | GenX       | F | A | d      |
| ## | 352 | NA | GenX       | F | A | d      |
| ## | 353 | NA | GenX       | F | A | d      |
| ## | 354 | NA | GenX       | F | Α | d      |
| ## | 355 | NA | Millennial | F | Α | d      |
| ## | 356 | NA | Millennial | F | A | d      |
| ## | 357 | NA | Millennial | F | A | d      |
| ## | 358 | NA | Millennial | F | A | d      |
| ## | 359 | NA | Millennial | F | A | d      |
| ## | 360 |    | Millennial | F | A | d      |
| ## | 361 | NA | Boomer     | M | В | d      |
| ## | 362 | NA | Boomer     | М | В | d      |
| ## | 363 | NA | Boomer     | М | В | d      |
| ## | 364 | NA | Boomer     | M | В | d      |
| ## | 365 | NA | Boomer     | M | В | d      |
| ## | 366 | NA |            | M | В |        |
| ## |     |    | Boomer     |   |   | d      |
|    | 367 | NA | GenX       | M | В | d<br>a |
| ## | 368 | NA | GenX       | M | В | d      |
| ## | 369 | NA | GenX       | M | В | d      |
| ## | 370 | NA | GenX       | M | В | d      |
| ## | 371 | NA | GenX       | М | В | d      |
| ## | 372 | NA | GenX       | М | В | d      |
| ## | 373 | NA | Millennial | М | В | d      |

| ## | 374 | NΑ       | Millennial | М      | В      | d      |
|----|-----|----------|------------|--------|--------|--------|
| ## | 375 |          | Millennial | М      | В      | d      |
| ## | 376 | NA       | Millennial | М      | В      | d      |
| ## | 377 |          | Millennial | М      | В      | d      |
| ## | 378 |          | Millennial | М      | В      | d      |
| ## | 379 | NA       | Boomer     | F      | В      | d      |
| ## | 380 | NA       | Boomer     | F      | В      | d      |
| ## | 381 | NA       | Boomer     | F      | В      | d      |
| ## | 382 |          |            | F      |        | d<br>d |
| ## |     | NA       | Boomer     | r<br>F | B<br>B | d<br>d |
|    | 383 | NA       | Boomer     |        |        |        |
| ## | 384 | NA       | Boomer     | F      | В      | d      |
| ## | 385 | NA       | GenX       | F      | В      | d      |
| ## | 386 | NA       | GenX       | F      | В      | d      |
| ## | 387 | NA       | GenX       | F      | В      | d      |
| ## | 388 | NA       | GenX       | F      | В      | d      |
| ## | 389 | NA       | GenX       | F      | В      | d      |
| ## | 390 | NA       | GenX       | F      | В      | d      |
| ## | 391 |          | Millennial | F      | В      | d      |
| ## | 392 |          | Millennial | F      | В      | d      |
| ## | 393 |          | Millennial | F      | В      | d      |
| ## | 394 |          | Millennial | F      | В      | d      |
| ## | 395 |          | Millennial | F      | В      | d      |
| ## | 396 | NA       | Millennial | F      | В      | d      |
| ## | 397 | NA       | Boomer     | M      | C      | d      |
| ## | 398 | NA       | Boomer     | M      | C      | d      |
| ## | 399 | NA       | Boomer     | M      | C      | d      |
| ## | 400 | NA       | Boomer     | M      | C      | d      |
| ## | 401 | NA       | Boomer     | M      | C      | d      |
| ## | 402 | NA       | Boomer     | M      | C      | d      |
| ## | 403 | NA       | GenX       | M      | C      | d      |
| ## | 404 | NA       | GenX       | M      | C      | d      |
| ## | 405 | NA       | GenX       | M      | C      | d      |
| ## | 406 | NA       | GenX       | M      | C      | d      |
|    | 407 | NA       | GenX       | М      | C      | d      |
|    | 408 | NA       | GenX       | М      | С      | d      |
|    | 409 |          | Millennial | М      | C      | d      |
|    | 410 |          | Millennial | М      | C      | d      |
|    | 411 |          | Millennial | М      | C      | d      |
|    | 412 |          | Millennial | М      | C      | d      |
|    | 413 |          | Millennial | М      | C      | d      |
|    | 414 |          | Millennial | М      | C      | d      |
|    | 415 | NA       | Boomer     | F      | C      | d      |
|    | 416 | NA       | Boomer     | F      | C      | d      |
|    | 417 | NA       | Boomer     | F      | C      | d      |
|    | 418 | NA       | Boomer     | F      | C      | d      |
|    | 419 | NA       | Boomer     | F      | C      | d      |
|    |     |          |            |        |        |        |
|    | 420 | NA<br>NA | Boomer     | F      | C      | d<br>d |
|    | 421 | NA       | GenX       | F      | C      | d      |
|    | 422 | NA       | GenX       | F      | C      | d      |
|    | 423 | NA       | GenX       | F      | C      | d      |
|    | 424 | NA       | GenX       | F      | C      | d      |
|    | 425 | NA       | GenX       | F      | C      | d      |
|    | 426 | NA       | GenX       | F      | C      | d      |
| ## | 427 | NA       | Millennial | F      | C      | d      |

| ## | 428        | NA       | Millennial         | F      | С      | d      |
|----|------------|----------|--------------------|--------|--------|--------|
| ## | 429        | NA       | Millennial         | F      | C      | d      |
| ## | 430        | NA       | Millennial         | F      | C      | d      |
| ## | 431        | NA       | Millennial         | F      | C      | d      |
| ## | 432        | NA       | Millennial         | F      | C      | d      |
| ## | 433        | NA       | Boomer             | M      | Α      | е      |
| ## | 434        | NA       | Boomer             | M      | Α      | е      |
| ## | 435        | NA       | Boomer             | M      | Α      | е      |
| ## | 436        | NA       | Boomer             | M      | Α      | е      |
| ## | 437        | NA       | Boomer             | M      | Α      | е      |
| ## | 438        | NA       | Boomer             | M      | Α      | е      |
| ## | 439        | NA       | GenX               | M      | Α      | е      |
| ## | 440        | NA       | GenX               | M      | Α      | е      |
| ## | 441        | NA       | GenX               | M      | Α      | е      |
| ## | 442        | NA       | GenX               | M      | Α      | е      |
| ## | 443        | NA       | GenX               | M      | Α      | е      |
| ## | 444        | NA       | GenX               | M      | Α      | е      |
| ## | 445        | NA       | Millennial         | M      | Α      | е      |
| ## | 446        | NA       | Millennial         | M      | Α      | е      |
| ## | 447        | NA       | Millennial         | M      | Α      | е      |
| ## | 448        | NA       | ${\tt Millennial}$ | M      | Α      | е      |
| ## | 449        | NA       | ${\tt Millennial}$ | M      | Α      | е      |
| ## | 450        | NA       | ${\tt Millennial}$ | M      | Α      | е      |
| ## | 451        | NA       | Boomer             | F      | Α      | е      |
| ## | 452        | NA       | Boomer             | F      | Α      | е      |
| ## | 453        | NA       | Boomer             | F      | Α      | е      |
| ## | 454        | NA       | Boomer             | F      | Α      | е      |
|    | 455        | NA       | Boomer             | F      | Α      | е      |
|    | 456        | NA       | Boomer             | F      | Α      | е      |
| ## | 457        | NA       | GenX               | F      | Α      | е      |
| ## | 458        | NA       | GenX               | F      | A      | е      |
| ## | 459        | NA       | GenX               | F<br>_ | A      | е      |
|    | 460        | NA       | GenX               | F<br>_ | A      | е      |
|    | 461        | NA       | GenX               | F<br>_ | A      | е      |
|    | 462        | NA       | GenX               | F      | A      | е      |
|    | 463        |          | Millennial         | F      | A      | е      |
|    | 464        |          | Millennial         | F      | A      | е      |
|    | 465        |          | Millennial         | F      | A      | е      |
|    | 466        |          | Millennial         | F      | A      | е      |
|    | 467        |          | Millennial         | F      | A      | е      |
|    | 468        |          | Millennial         | F      | A      | e      |
|    | 469<br>470 | NA       | Boomer             | M      | В      | e      |
|    | 471        | NA<br>NA | Boomer<br>Boomer   | M<br>M | B<br>B | e      |
|    | 472        | NA       |                    | M      | В      | e      |
|    | 473        | NA       | Boomer<br>Boomer   | M      | В      | e      |
|    | 474        | NA       | Boomer             | M      | В      | e      |
|    | 475        | NA       | GenX               | M      | В      | e<br>e |
|    | 476        | NA       | GenX               | M      | В      | e      |
|    | 477        | NA       | GenX               | M      | В      | e      |
|    | 478        | NA       | GenX               | M      | В      | e      |
|    | 479        | NA       | GenX               | М      | В      | e      |
|    | 480        | NA       | GenX               | М      | В      | e      |
|    | 481        |          | Millennial         | М      | В      | e      |
|    |            |          |                    |        |        |        |

| ## | 482 | NΔ       | Millennial         | М      | В | е |
|----|-----|----------|--------------------|--------|---|---|
| ## | 483 |          | Millennial         | M      | В | e |
| ## | 484 |          | Millennial         | M      | В | e |
| ## | 485 |          | Millennial         | M      | В |   |
|    |     |          | Millennial         |        |   | е |
| ## | 486 |          |                    | М      | В | е |
| ## | 487 | NA       | Boomer             | F      | В | е |
| ## | 488 | NA       | Boomer             | F      | В | е |
| ## | 489 | NA       | Boomer             | F      | В | е |
| ## | 490 | NA       | Boomer             | F      | В | е |
| ## | 491 | ΝA       | Boomer             | F      | В | е |
| ## | 492 | NA       | Boomer             | F      | В | е |
| ## | 493 | NA       | GenX               | F      | В | е |
| ## | 494 | NA       | GenX               | F      | В | е |
| ## | 495 | NA       | GenX               | F      | В | е |
| ## | 496 | NA       | GenX               | F      | В | е |
| ## | 497 | NA       | GenX               | F      | В | е |
| ## | 498 | NA       | GenX               | F      | В | е |
| ## | 499 | NA       | Millennial         | F      | В | е |
| ## | 500 |          | Millennial         | F      | В | e |
| ## | 501 |          | Millennial         | F      | В | e |
| ## | 502 |          | Millennial         | F      | В | e |
| ## | 503 |          | Millennial         | F      | В | e |
| ## | 504 |          | Millennial         | F      | В | e |
| ## | 505 | NA       | Boomer             | M      | C | e |
| ## | 506 | NA       | Boomer             | M      | C |   |
| ## | 507 |          |                    | M      | C | е |
|    |     | NA       | Boomer             |        | C | е |
| ## | 508 | NA       | Boomer             | M      |   | е |
| ## | 509 | NA       | Boomer             | M      | C | е |
| ## | 510 | NA       | Boomer             | M      | C | е |
| ## | 511 | NA       | GenX               | М      | C | е |
| ## | 512 | NA       | GenX               | М      | C | е |
| ## | 513 | NA       | GenX               | M      | С | е |
| ## | 514 | NA       | GenX               | M      | С | е |
| ## | 515 | NA       | GenX               | M      | C | е |
| ## | 516 | NA       | GenX               | M      | C | е |
| ## | 517 | NA       | Millennial         | M      | C | е |
| ## | 518 | NA       | ${\tt Millennial}$ | M      | C | е |
| ## | 519 | NA       | Millennial         | M      | C | е |
| ## | 520 | NA       | Millennial         | M      | C | е |
| ## | 521 | NA       | Millennial         | M      | C | е |
| ## | 522 | NA       | Millennial         | М      | C | е |
|    | 523 | NA       | Boomer             | F      | С | е |
|    | 524 | NA       | Boomer             | F      | С | е |
|    | 525 | NA       | Boomer             | F      | C | e |
|    | 526 | NA       | Boomer             | F      | C | e |
|    | 527 | NA       | Boomer             | F      | C | e |
|    | 528 | NA       | Boomer             | F      | C | e |
|    | 529 | NA       | GenX               | F      | C | e |
|    | 530 | NA       | GenX               | F      | C |   |
|    | 531 | NA<br>NA | GenX               | r<br>F | C | е |
|    |     |          |                    | r<br>F | C | е |
|    | 532 | NA<br>MA | GenX               |        | C | е |
|    | 533 | NA       | GenX               | F      |   | е |
|    | 534 | NA       | GenX               | F      | C | е |
| ## | 535 | NΑ       | Millennial         | F      | С | е |

| ## | 536 | NA       | Millennial         | F      | C | е |
|----|-----|----------|--------------------|--------|---|---|
| ## | 537 | NA       | Millennial         | F      | C | е |
| ## | 538 | NA       | Millennial         | F      | C | е |
| ## | 539 | NA       | Millennial         | F      | C | е |
| ## | 540 | NA       | Millennial         | F      | C | е |
| ## | 541 | NA       | Boomer             | M      | A | f |
| ## | 542 | NA       | Boomer             | M      | A | f |
| ## | 543 | NA       | Boomer             | М      | A | f |
| ## | 544 | NA       | Boomer             | М      | A | f |
| ## | 545 | NA       | Boomer             | М      | A | f |
| ## | 546 | NA       | Boomer             | М      | A | f |
| ## | 547 | NA       | GenX               | М      | A | f |
| ## | 548 | NA       | GenX               | М      | A | f |
| ## | 549 | NA       | GenX               | М      | A | f |
| ## | 550 | NA       | GenX               | М      | Α | f |
| ## | 551 | NA       | GenX               | М      | Α | f |
| ## | 552 | NA       | GenX               | М      | A | f |
| ## | 553 |          | Millennial         | М      | A | f |
| ## | 554 | NA       |                    | М      | A | f |
| ## | 555 | NA       | Millennial         | М      | A | f |
| ## | 556 | NA       |                    | М      | A | f |
| ## | 557 | NA       |                    | М      | A | f |
| ## | 558 | NA       |                    | M      | A | f |
| ## | 559 | NA       | Boomer             | F      | A | f |
| ## | 560 | NA       | Boomer             | F      | A | f |
| ## | 561 | NA       | Boomer             | F      | A | f |
| ## | 562 | NA       | Boomer             | F      | A | f |
| ## | 563 | NA       | Boomer             | F      | A | f |
| ## | 564 | NA       | Boomer             | F      | A | f |
| ## | 565 | NA       |                    | F      |   | f |
| ## | 566 | NA<br>NA | GenX               | r<br>F | A | f |
|    |     |          | GenX               |        | A | f |
| ## | 567 | NA       | GenX               | F      | A | f |
| ## | 568 | NA       | GenX               | F      | A |   |
| ## | 569 | NA       | GenX               | F      | A | f |
| ## | 570 | NA       | GenX               | F      | A | f |
| ## | 571 | NA       | Millennial         | F      | A | f |
| ## | 572 |          | Millennial         | F      | A | f |
| ## | 573 |          | Millennial         | F      | A | f |
| ## | 574 |          | Millennial         | F      | A | f |
| ## | 575 |          | Millennial         | F      | A | f |
| ## | 576 |          | Millennial         | F      | A | f |
| ## | 577 | NA       | Boomer             | М      | В | f |
| ## | 578 | NA       | Boomer             | М      | В | f |
| ## | 579 | NA       | Boomer             | М      | В | f |
| ## | 580 | NA       | Boomer             | М      | В | f |
| ## | 581 | NA       | Boomer             | М      | В | f |
| ## | 582 | NA       | Boomer             | М      | В | f |
| ## | 583 | NA       | GenX               | M      | В | f |
| ## | 584 | NA       | GenX               | M      | В | f |
| ## | 585 | NA       | GenX               | M      | В | f |
| ## | 586 | NA       | GenX               | M      | В | f |
| ## | 587 | NA       | GenX               | M      | В | f |
| ## | 588 | NA       | GenX               | M      | В | f |
| ## | 589 | NA       | ${\tt Millennial}$ | M      | В | f |
|    |     |          |                    |        |   |   |

| ## | 590 | NA | Millennial         | М      | В | f |
|----|-----|----|--------------------|--------|---|---|
| ## | 591 |    | Millennial         | М      | В | f |
| ## | 592 | NA | Millennial         | М      | В | f |
| ## | 593 | NA | Millennial         | М      | В | f |
| ## | 594 |    | Millennial         | М      | В | f |
| ## | 595 | NA | Boomer             | F      | В | f |
| ## | 596 | NA | Boomer             | F      | В | f |
| ## | 597 | NA | Boomer             | F      | В | f |
| ## | 598 | NA | Boomer             | F      | В | f |
| ## | 599 | NA | Boomer             | F      | В | f |
| ## | 600 | NA | Boomer             | F      | В | f |
| ## | 601 | NA | GenX               | F      | В | f |
| ## |     |    |                    | r<br>F | В | f |
|    | 602 | NA | GenX               |        |   |   |
| ## | 603 | NA | GenX               | F      | В | f |
| ## | 604 | NA | GenX               | F      | В | f |
| ## | 605 | NA | GenX               | F      | В | f |
| ## | 606 | NA | GenX               | F      | В | f |
| ## | 607 |    | Millennial         | F      | В | f |
| ## | 608 |    | Millennial         | F      | В | f |
| ## | 609 |    | Millennial         | F      | В | f |
| ## | 610 | NA | Millennial         | F      | В | f |
| ## | 611 | NA | Millennial         | F      | В | f |
| ## | 612 | NA | ${\tt Millennial}$ | F      | В | f |
| ## | 613 | NA | Boomer             | M      | C | f |
| ## | 614 | NA | Boomer             | M      | C | f |
| ## | 615 | NA | Boomer             | М      | C | f |
| ## | 616 | NA | Boomer             | M      | C | f |
| ## | 617 | NA | Boomer             | М      | C | f |
| ## | 618 | NA | Boomer             | М      | С | f |
| ## | 619 | NA | GenX               | М      | С | f |
| ## | 620 | NA | GenX               | М      | C | f |
| ## | 621 | NA | GenX               | М      | C | f |
| ## | 622 | NA | GenX               | М      | C | f |
| ## | 623 | NA | GenX               | M      | C | f |
| ## | 624 | NA | GenX               | M      | C | f |
| ## | 625 |    | Millennial         | M      | C | f |
| ## | 626 |    | Millennial         | M      | C | f |
|    | 627 |    | Millennial         | M      | C | f |
|    |     |    |                    |        |   |   |
|    | 628 |    | Millennial         | M      | C | f |
|    | 629 |    | Millennial         | М      | C | f |
|    | 630 |    | Millennial         | M      | C | f |
|    | 631 | NA | Boomer             | F      | C | f |
|    | 632 | NA | Boomer             | F      | C | f |
|    | 633 | NA | Boomer             | F      | C | f |
|    | 634 | NA | Boomer             | F      | C | f |
|    | 635 | NA | Boomer             | F      | C | f |
| ## | 636 | NA | Boomer             | F      | C | f |
| ## | 637 | NA | GenX               | F      | C | f |
| ## | 638 | NA | GenX               | F      | C | f |
| ## | 639 | NA | GenX               | F      | C | f |
| ## | 640 | NA | GenX               | F      | C | f |
| ## | 641 | NA | GenX               | F      | C | f |
| ## | 642 | NA | GenX               | F      | C | f |
|    | 643 |    | Millennial         | F      | C | f |
|    |     |    |                    |        |   |   |

| ## | 644 | NA | Millennial | F | C | f |
|----|-----|----|------------|---|---|---|
| ## | 645 | NA | Millennial | F | C | f |
| ## | 646 | NA | Millennial | F | C | f |
| ## | 647 | NA | Millennial | F | C | f |
| ## | 648 | NA | Millennial | F | C | f |
| ## | 649 | NA | Boomer     | М | A | g |
| ## | 650 | NA | Boomer     | М | Α | g |
| ## | 651 | NA | Boomer     | М | Α | g |
| ## | 652 | NA | Boomer     | М | A | g |
| ## | 653 | NA | Boomer     | М | A | g |
| ## | 654 | NA | Boomer     | М | A | g |
| ## | 655 | NA | GenX       | М | A | g |
| ## | 656 | NA | GenX       | М | A | g |
| ## | 657 | NA | GenX       | М | A |   |
| ## | 658 | NA | GenX       | M | A | g |
| ## | 659 | NA | GenX       | M | A | g |
| ## | 660 | NA | GenX       |   |   | g |
|    |     |    |            | M | A | g |
| ## | 661 |    | Millennial | M | A | g |
| ## | 662 | NA | Millennial | M | A | g |
| ## | 663 | NA | Millennial | М | A | g |
| ## | 664 | NA | Millennial | M | A | g |
| ## | 665 | NA | Millennial | M | A | g |
| ## | 666 | NA | Millennial | М | A | g |
| ## | 667 | NA | Boomer     | F | A | g |
| ## | 668 | NA | Boomer     | F | A | g |
| ## | 669 | NA | Boomer     | F | A | g |
| ## | 670 | NA | Boomer     | F | A | g |
| ## | 671 | NA | Boomer     | F | A | g |
| ## | 672 | NA | Boomer     | F | A | g |
| ## | 673 | NA | GenX       | F | Α | g |
| ## | 674 | NA | GenX       | F | A | g |
| ## | 675 | NA | GenX       | F | A | g |
| ## | 676 | NA | GenX       | F | A | g |
| ## | 677 | NA | GenX       | F | A | g |
| ## | 678 | NA | GenX       | F | Α | g |
| ## | 679 |    | Millennial | F | Α | g |
| ## | 680 |    | Millennial | F | Α | g |
| ## | 681 |    | Millennial | F | A | _ |
| ## | 682 |    | Millennial | F | A | g |
| ## | 683 |    | Millennial | F | A | g |
| ## | 684 |    | Millennial | F | A | g |
| ## | 685 | NA | Boomer     | М | В | g |
| ## | 686 |    |            |   |   | g |
| ## |     | NA | Boomer     | M | В | g |
|    | 687 | NA | Boomer     | M | В | g |
| ## | 688 | NA | Boomer     | M | В | g |
| ## | 689 | NA | Boomer     | М | В | g |
| ## | 690 | NA | Boomer     | М | В | g |
| ## | 691 | NA | GenX       | М | В | g |
| ## | 692 | NA | GenX       | М | В | g |
| ## | 693 | NA | GenX       | M | В | g |
| ## | 694 | NA | GenX       | M | В | g |
| ## | 695 | NA | GenX       | M | В | g |
| ## | 696 | NA | GenX       | M | В | g |
| ## | 697 | NA | Millennial | M | В | g |
|    |     |    |            |   |   |   |

| ## | 698 | NA | ${\tt Millennial}$ | M | В | g |
|----|-----|----|--------------------|---|---|---|
| ## | 699 | NA | Millennial         | M | В | g |
| ## | 700 | NA | Millennial         | M | В | g |
| ## | 701 | NA | Millennial         | M | В | g |
| ## | 702 | NA | Millennial         | М | В | g |
| ## | 703 | NA | Boomer             | F | В | g |
| ## | 704 | NA | Boomer             | F | В | g |
| ## | 705 | NA | Boomer             | F | В | g |
| ## | 706 | NA | Boomer             | F | В | g |
| ## | 707 | NA | Boomer             | F | В | g |
| ## | 708 | NA | Boomer             | F | В | g |
| ## | 709 | NA | GenX               | F | В |   |
| ## | 710 | NA | GenX               | F | В | g |
| ## | 711 | NA | GenX               | F | В | g |
| ## | 712 | NA | GenX               | F | В | g |
|    |     |    |                    |   |   | g |
| ## | 713 | NA | GenX               | F | В | g |
| ## | 714 | NA | GenX               | F | В | g |
| ## | 715 |    | Millennial         | F | В | g |
| ## | 716 | NA | Millennial         | F | В | g |
| ## | 717 | NA | Millennial         | F | В | g |
| ## | 718 | NΑ | Millennial         | F | В | g |
| ## | 719 | NA | Millennial         | F | В | g |
| ## | 720 | NA | Millennial         | F | В | g |
| ## | 721 | NA | Boomer             | М | C | g |
| ## | 722 | NA | Boomer             | M | C | g |
| ## | 723 | NA | Boomer             | M | C | g |
| ## | 724 | NA | Boomer             | M | C | g |
| ## | 725 | NA | Boomer             | M | C | g |
| ## | 726 | NA | Boomer             | M | C | g |
| ## | 727 | NA | GenX               | M | C | g |
| ## | 728 | NA | GenX               | М | C | g |
| ## | 729 | NA | GenX               | М | C | g |
| ## | 730 | NA | GenX               | М | С | g |
| ## | 731 | NA | GenX               | М | C | g |
| ## | 732 | NA | GenX               | М | C | g |
| ## | 733 | NA | Millennial         | M | C | g |
| ## | 734 |    | Millennial         | М | C | g |
| ## | 735 |    | Millennial         | М | C | _ |
| ## | 736 |    | Millennial         | M | C | g |
| ## | 737 |    | Millennial         | M | C | g |
| ## |     |    | Millennial         | M | C | g |
| ## | 738 | NA |                    | F | C | g |
|    | 739 |    | Boomer             |   |   | g |
| ## | 740 | NA | Boomer             | F | C | g |
| ## | 741 | NA | Boomer             | F | C | g |
| ## | 742 | NA | Boomer             | F | C | g |
| ## | 743 | NA | Boomer             | F | C | g |
| ## | 744 | NA | Boomer             | F | C | g |
| ## | 745 | NA | GenX               | F | C | g |
| ## | 746 | NA | GenX               | F | C | g |
| ## | 747 | NA | GenX               | F | С | g |
| ## | 748 | NA | GenX               | F | C | g |
| ## | 749 | NA | GenX               | F | C | g |
| ## | 750 | NA | GenX               | F | C | g |
| ## | 751 | NA | ${\tt Millennial}$ | F | C | g |
|    |     |    |                    |   |   |   |

| ## | 752                    | NA       | Millennial       | F      | C | g      |
|----|------------------------|----------|------------------|--------|---|--------|
| ## | 753                    | NA       | Millennial       | F      | C | g      |
| ## | 754                    | NA       | Millennial       | F      | C | g      |
| ## | 755                    | NA       | Millennial       | F      | C | g      |
| ## | 756                    | NA       | Millennial       | F      | C | g      |
| ## | 757                    | NA       | Boomer           | M      | A | h      |
| ## | 758                    | NA       | Boomer           | M      | A | h      |
| ## | 759                    | NA       | Boomer           | M      | A | h      |
| ## | 760                    | NA       | Boomer           | M      | Α | h      |
| ## | 761                    | NA       | Boomer           | M      | A | h      |
| ## | 762                    | NA       | Boomer           | M      | A | h      |
| ## | 763                    | NA       | GenX             | M      | A | h      |
| ## | 764                    | NA       | GenX             | M      | Α | h      |
| ## | 765                    | NA       | GenX             | M      | A | h      |
| ## | 766                    | NA       | GenX             | M      | A | h      |
| ## | 767                    | NA       | GenX             | M      | A | h      |
| ## | 768                    | NA       | GenX             | M      | A | h      |
| ## | 769                    | NA       | Millennial       | М      | A | h      |
| ## | 770                    | NA       | Millennial       | M      | A | h      |
| ## | 771                    | NA       | Millennial       | М      | A | h      |
| ## | 772                    | NA       | Millennial       | М      | A | h      |
| ## | 773                    | NA       | Millennial       | М      | A | h      |
| ## | 774                    | NA       | Millennial       | М      | A | h      |
| ## | 775                    | NA       | Boomer           | F      | A | h      |
| ## | 776                    | NA       | Boomer           | F      | A | h      |
| ## | 777                    | NA       | Boomer           | F      | A | h      |
| ## | 778                    | NA       | Boomer           | F      | A | h      |
| ## | 779                    | NA       | Boomer           | F      | A | h      |
| ## | 780                    | NA       | Boomer           | F      | A | h      |
| ## | 781                    | NA       | GenX             | F      | A | h      |
| ## | 782                    | NA       | GenX             | F      | A | h      |
| ## | 783                    | NA       | GenX             | F      | A | h      |
| ## | 784                    | NA       | GenX             | F      | A | h      |
| ## | 785                    | NA       | GenX             | F      | A | h      |
| ## | 786                    | NA       | GenX             | F      | A | h      |
| ## | 787                    | NA       | Millennial       | F      | A | h      |
| ## | 788                    | NA       | Millennial       | F      | A | h      |
| ## | 789                    |          | Millennial       | F      | A | h      |
| ## | 790                    |          | Millennial       | F      | A | h      |
| ## | 791                    |          | Millennial       | F      | A | h      |
| ## | 792                    |          | Millennial       | F      | A | h      |
| ## | 793                    | NA       | Boomer           | М      | В | h      |
| ## | 794                    | NA       | Boomer           | M      | В | h      |
| ## | 79 <del>4</del><br>795 | NA       | Boomer           | M      | В | h      |
| ## | 796                    | NA       |                  | M      | В |        |
| ## | 797                    | NA       | Boomer<br>Boomer | M      | В | h<br>h |
|    |                        |          |                  |        |   | h<br>h |
| ## | 798                    | NA<br>NA | Boomer           | M<br>M | В | h<br>h |
| ## | 799                    | NA<br>NA | GenX             | M<br>M | В | h<br>h |
| ## | 800                    | NA       | GenX             | M      | В | h<br>h |
| ## | 801                    | NA       | GenX             | M      | В | h<br>h |
| ## | 802                    | NA<br>NA | GenX             | M      | В | h<br>h |
| ## | 803                    | NA       | GenX             | M      | В | h<br>h |
| ## | 804                    | NA       | GenX             | M      | В | h<br>L |
| ## | 805                    | NΑ       | Millennial       | М      | В | h      |

| ## | 806 | NA | Millennial | M      | В | h      |
|----|-----|----|------------|--------|---|--------|
| ## | 807 | NA | Millennial | M      | В | h      |
| ## | 808 | NA | Millennial | M      | В | h      |
| ## | 809 | NA | Millennial | M      | В | h      |
| ## | 810 | NA | Millennial | M      | В | h      |
| ## | 811 | NA | Boomer     | F      | В | h      |
| ## | 812 | NA | Boomer     | F      | В | h      |
| ## | 813 | NA | Boomer     | F      | В | h      |
| ## | 814 | NA | Boomer     | F      | В | h      |
| ## | 815 | NA | Boomer     | F      | В | h      |
| ## | 816 | NA | Boomer     | F      | В | h      |
| ## | 817 | NA | GenX       | F      | В | h      |
| ## | 818 | NA | GenX       | F      | В | h      |
| ## | 819 | NA | GenX       | F      | В | h      |
| ## | 820 | NA | GenX       | F      | В | h      |
| ## | 821 | NA | GenX       | F      | В | h      |
| ## | 822 | NA |            |        |   |        |
|    |     |    | GenX       | F      | В | h<br>L |
| ## | 823 |    | Millennial | F      | В | h      |
| ## | 824 | NA | Millennial | F      | В | h      |
| ## | 825 | NA | Millennial | F      | В | h      |
| ## | 826 | NA | Millennial | F      | В | h      |
| ## | 827 | NA | Millennial | F      | В | h      |
| ## | 828 |    | Millennial | F      | В | h      |
| ## | 829 | NA | Boomer     | M      | C | h      |
| ## | 830 | NA | Boomer     | M      | C | h      |
| ## | 831 | NA | Boomer     | M      | C | h      |
| ## | 832 | NA | Boomer     | M      | C | h      |
| ## | 833 | NA | Boomer     | M      | C | h      |
| ## | 834 | NA | Boomer     | M      | C | h      |
| ## | 835 | NA | GenX       | M      | C | h      |
| ## | 836 | NA | GenX       | M      | C | h      |
| ## | 837 | NA | GenX       | M      | C | h      |
| ## | 838 | NA | GenX       | М      | C | h      |
| ## | 839 | NA | GenX       | М      | C | h      |
| ## | 840 | NA | GenX       | М      | С | h      |
| ## | 841 |    | Millennial | М      | C | h      |
| ## | 842 |    | Millennial | М      | C | h      |
| ## | 843 |    | Millennial | М      | C | h      |
| ## | 844 |    | Millennial | М      | C | h      |
| ## | 845 |    | Millennial | М      | C | h      |
| ## | 846 |    | Millennial | M      | C | h      |
| ## | 847 | NA | Boomer     | F      | C | h      |
| ## | 848 | NA | Boomer     | F      | C | h      |
| ## |     |    |            | r<br>F | C |        |
|    | 849 | NA | Boomer     |        |   | h<br>h |
| ## | 850 | NA | Boomer     | F      | C | h      |
| ## | 851 | NA | Boomer     | F      | C | h      |
| ## | 852 | NA | Boomer     | F      | C | h      |
| ## | 853 | NA | GenX       | F      | C | h      |
| ## | 854 | NA | GenX       | F      | C | h      |
| ## | 855 | NA | GenX       | F      | C | h      |
| ## | 856 | NA | GenX       | F      | C | h      |
| ## | 857 | NA | GenX       | F      | C | h      |
| ## | 858 | NA | GenX       | F      | C | h      |
| ## | 859 | NA | Millennial | F      | C | h      |
|    |     |    |            |        |   |        |

| ## | 860        | NA       | Millennial   | F      | C | h |
|----|------------|----------|--------------|--------|---|---|
| ## | 861        | NA       | Millennial   | F      | C | h |
| ## | 862        | NA       | Millennial   | F      | C | h |
| ## | 863        | NA       | Millennial   | F      | C | h |
| ## | 864        | NA       | Millennial   | F      | C | h |
| ## | 865        | NA       | Boomer       | M      | A | i |
| ## | 866        | NA       | Boomer       | M      | A | i |
| ## | 867        | NA       | Boomer       | M      | A | i |
| ## | 868        | NA       | Boomer       | M      | A | i |
| ## | 869        | NA       | Boomer       | M      | A | i |
| ## | 870        | NA       | Boomer       | M      | A | i |
| ## | 871        | NA       | ${\tt GenX}$ | M      | A | i |
| ## | 872        | NA       | GenX         | M      | A | i |
| ## | 873        | NA       | GenX         | М      | A | i |
| ## | 874        | NA       | GenX         | М      | A | i |
| ## | 875        | NA       | GenX         | M      | A | i |
| ## | 876        | NA       | GenX         | М      | A | i |
| ## | 877        | NA       | Millennial   | М      | A | i |
| ## | 878        | NA       | Millennial   | М      | A | i |
| ## | 879        | NA       | Millennial   | М      | A | i |
| ## | 880        | NA       | Millennial   | М      | A | i |
| ## | 881        | NA       | Millennial   | М      | A | i |
| ## | 882        | NA       | Millennial   | М      | A | i |
| ## | 883        | NA       | Boomer       | F      | A | i |
| ## | 884        | NA       | Boomer       | F      | A | i |
| ## | 885        | NA       | Boomer       | F      | A | i |
| ## | 886        | NA       | Boomer       | F      | A | i |
| ## | 887        | NA       | Boomer       | F      | A | i |
| ## | 888        | NA       | Boomer       | F      | A | i |
| ## | 889        | NA       | GenX         | F      | A | i |
| ## | 890        | NA       | GenX         | F      | A | i |
| ## | 891        | NA       | GenX         | F      | A | i |
| ## | 892        | NA       | GenX         | F      | A | i |
| ## | 893        | NA       | GenX         | F      | A | i |
| ## | 894        | NA       | GenX         | F      | A | i |
| ## | 895        |          | Millennial   | F      | A | i |
| ## | 896        |          | Millennial   | F      | A | i |
| ## | 897        |          | Millennial   | F      | A | i |
| ## | 898        | NA       |              | F      | A | i |
| ## | 899        |          | Millennial   | F      | A | i |
| ## | 900        |          | Millennial   | F      | A | i |
| ## | 901        | NA       | Boomer       | М      | В | i |
| ## | 902        | NA       | Boomer       | M      | В | i |
| ## | 903        | NA       | Boomer       | M      | В | i |
| ## |            | NA       | Boomer       | M      | В | i |
| ## | 904<br>905 | NA       | Boomer       | M      | В | i |
|    |            |          |              |        |   |   |
| ## | 906        | NA<br>NA | Boomer       | M<br>M | В | i |
| ## | 907        | NA<br>NA | GenX         | M<br>M | В | i |
| ## | 908        | NA<br>NA | GenX         | M      | В | i |
| ## | 909        | NA<br>NA | GenX         | M      | В | i |
| ## | 910        | NA       | GenX         | M      | В | i |
| ## | 911        | NA<br>NA | GenX         | M      | В | i |
| ## | 912        | NA       | GenX         | M      | В | i |
| ## | 913        | ΝA       | Millennial   | М      | В | i |

| ## | 914 | NA       | Millennial   | М      | В | i |
|----|-----|----------|--------------|--------|---|---|
| ## | 915 | NA       | Millennial   | M      | В | i |
| ## | 916 | NA       | Millennial   | M      | В | i |
| ## | 917 | NA       | Millennial   | M      | В | i |
| ## | 918 | NA       | Millennial   | M      | В | i |
| ## | 919 | NA       | Boomer       | F      | В | i |
| ## | 920 | NA       | Boomer       | F      | В | i |
| ## | 921 | NA       | Boomer       | F      | В | i |
| ## | 922 | NA       | Boomer       | F      | В | i |
| ## | 923 | NA       | Boomer       | F      | В | i |
| ## | 924 | NA       | Boomer       | F      | В | i |
| ## | 925 | NA       | ${\tt GenX}$ | F      | В | i |
| ## | 926 | NA       | ${\tt GenX}$ | F      | В | i |
| ## | 927 | NA       | ${\tt GenX}$ | F      | В | i |
| ## | 928 | NA       | GenX         | F      | В | i |
| ## | 929 | NA       | GenX         | F      | В | i |
| ## | 930 | NA       | GenX         | F      | В | i |
| ## | 931 | NA       | Millennial   | F      | В | i |
| ## | 932 | NA       | Millennial   | F      | В | i |
| ## | 933 | NA       | Millennial   | F      | В | i |
| ## | 934 | NA       | Millennial   | F      | В | i |
| ## | 935 | NA       | Millennial   | F      | В | i |
| ## | 936 | NA       | Millennial   | F      | В | i |
| ## | 937 | NA       | Boomer       | М      | С | i |
| ## | 938 | NA       | Boomer       | М      | С | i |
| ## | 939 | NA       | Boomer       | М      | С | i |
| ## | 940 | NA       | Boomer       | М      | C | i |
| ## | 941 | NA       | Boomer       | М      | С | i |
| ## | 942 | NA       | Boomer       | М      | С | i |
| ## | 943 | NA       | GenX         | М      | C | i |
| ## | 944 | NA       | GenX         | М      | C | i |
| ## | 945 | NA       | GenX         | М      | C | i |
| ## | 946 | NA       | GenX         | М      | C | i |
| ## | 947 | NA       | GenX         | М      | C | i |
| ## | 948 | NA       | GenX         | М      | C | i |
| ## | 949 |          | Millennial   | М      | C | i |
| ## | 950 |          | Millennial   | М      | C | i |
| ## | 951 |          | Millennial   | М      | C | i |
| ## | 952 |          | Millennial   | М      | C | i |
| ## | 953 |          | Millennial   | М      | C | i |
| ## | 954 | NA       |              | М      | C | i |
| ## | 955 | NA       | Boomer       | F      | C | i |
| ## | 956 | NA       | Boomer       | F      | C | i |
| ## | 957 | NA       | Boomer       | F      | C | i |
| ## | 958 | NA       | Boomer       | F      | C | i |
| ## | 959 | NA       | Boomer       | F      | C | i |
| ## | 960 | NA       | Boomer       | F      | C | i |
| ## | 961 | NA       | GenX         | F      | C | i |
| ## | 962 | NA       | GenX         | r<br>F | C | i |
| ## | 963 | NA       | GenX         | r<br>F | C | i |
| ## | 964 | NA<br>NA | GenX         | r<br>F | C | i |
| ## | 965 | NA<br>NA | GenX         | r<br>F | C | i |
| ## | 966 | NA<br>NA | GenX         | r<br>F | C | i |
|    |     |          |              |        | C |   |
| ## | 967 | ΝA       | Millennial   | F      | U | i |

| ##       | 968  | NA       | Millennial | F      | C | i                                    |
|----------|------|----------|------------|--------|---|--------------------------------------|
| ##       | 969  | NA       | Millennial | F      | C | i                                    |
| ##       | 970  | NA       | Millennial | F      | C | i                                    |
| ##       | 971  | NA       | Millennial | F      | C | i                                    |
| ##       | 972  | NA       | Millennial | F      | C | i                                    |
| ##       | 973  | NA       | Boomer     | М      | Α | j                                    |
| ##       | 974  | NA       | Boomer     | M      | Α | j                                    |
| ##       | 975  | NA       | Boomer     | М      | Α | j                                    |
| ##       | 976  | NA       | Boomer     | М      | Α | i                                    |
| ##       | 977  | NA       | Boomer     | M      | A | i                                    |
| ##       | 978  | NA       | Boomer     | M      | A | j                                    |
| ##       | 979  | NA       | GenX       | M      | A | j                                    |
| ##       | 980  | NA       | GenX       | M      | A | J                                    |
| ##       | 981  | NA       | GenX       | M      | A | j<br>j<br>j<br>j<br>j                |
| ##       | 982  | NA       | GenX       | M      | A | J                                    |
| ##       | 983  | NA       | GenX       | M      | A | J                                    |
| ##       | 984  | NA       | GenX       |        |   | J                                    |
|          |      |          |            | M      | A | J                                    |
| ##       | 985  | NA       | Millennial | M      | A | j<br>j                               |
| ##       | 986  | NA       | Millennial | M      | A |                                      |
| ##       | 987  | NA       | Millennial | М      | A | j                                    |
| ##       | 988  | NA       | Millennial | M      | A | j                                    |
| ##       | 989  | NA       | Millennial | М      | A | j                                    |
| ##       | 990  | NA       | Millennial | M      | A | j                                    |
| ##       | 991  | NA       | Boomer     | F      | A | j                                    |
| ##       | 992  | NA       | Boomer     | F      | A | j                                    |
| ##       | 993  | NA       | Boomer     | F      | Α | j                                    |
| ##       | 994  | NA       | Boomer     | F      | Α | j                                    |
| ##       | 995  | NA       | Boomer     | F      | Α | j<br>j<br>j<br>j<br>j<br>j           |
| ##       | 996  | NA       | Boomer     | F      | Α | j                                    |
| ##       | 997  | NA       | GenX       | F      | Α | j                                    |
| ##       | 998  | NA       | GenX       | F      | A | j                                    |
| ##       | 999  | NA       | GenX       | F      | A | j                                    |
| ##       | 1000 | NA       | GenX       | F      | Α | j                                    |
| ##       | 1001 | NA       | GenX       | F      | Α | j                                    |
| ##       | 1002 | NA       | GenX       | F      | Α | j                                    |
| ##       | 1003 | NA       | Millennial | F      | Α | j                                    |
| ##       | 1004 | NA       | Millennial | F      | Α | j                                    |
| ##       | 1005 | NA       | Millennial | F      | Α | j                                    |
| ##       | 1006 | NA       | Millennial | F      | Α |                                      |
| ##       | 1007 | NA       | Millennial | F      | Α | i                                    |
| ##       | 1008 | NA       | Millennial | F      | Α | i                                    |
| ##       | 1009 | NA       | Boomer     | М      | В | i                                    |
| ##       | 1010 | NA       | Boomer     | М      | В | i                                    |
| ##       | 1011 | NA       | Boomer     | M      | В | j                                    |
| ##       | 1012 | NA       | Boomer     | M      | В | j                                    |
| ##       | 1013 | NA       | Boomer     | M      | В | j                                    |
| ##       | 1014 | NA       | Boomer     | M      | В | j                                    |
| ##       | 1014 | NA       | GenX       | M      | В | J                                    |
| ##       | 1016 | NA       | GenX       | M      | В | J                                    |
| ##       | 1016 | NA<br>NA | GenX       | M      | В | J                                    |
| ##       |      |          |            |        |   | J                                    |
|          | 1018 | NA<br>NA | GenX       | M<br>M | В | j<br>j<br>j<br>j<br>j<br>j<br>j<br>j |
| ##<br>## | 1019 | NA<br>NA | GenX       | M<br>M | В | J<br>-                               |
|          | 1020 | NA<br>NA | GenX       | M<br>M | В | j                                    |
| ##       | 1021 | ΝA       | Millennial | M      | В | j                                    |

| ## | 1022         | NA       | ${\tt Millennial}$ | M      | В | j                               |
|----|--------------|----------|--------------------|--------|---|---------------------------------|
| ## | 1023         | NA       | Millennial         | M      | В | j                               |
| ## | 1024         | NA       | Millennial         | M      | В | j                               |
| ## | 1025         | NA       | Millennial         | M      | В | j                               |
| ## | 1026         | NA       | Millennial         | M      | В | j                               |
| ## | 1027         | NA       | Boomer             | F      | В | j                               |
| ## | 1028         | NA       | Boomer             | F      | В | j                               |
| ## | 1029         | NA       | Boomer             | F      | В | j                               |
| ## | 1030         | NA       | Boomer             | F      | В | j                               |
| ## | 1031         | NA       | Boomer             | F      | В | j                               |
| ## | 1032         | NA       | Boomer             | F      | В | j                               |
| ## | 1033         | NA       | GenX               | F      | В | j<br>j<br>j<br>j<br>j<br>j<br>j |
| ## | 1034         | NA       | GenX               | F      | В | j                               |
| ## | 1035         | NA       | GenX               | F      | В | j                               |
| ## | 1036         | NA       | GenX               | F      | В | j                               |
| ## | 1037         | NA       | GenX               | F      | В | j                               |
| ## | 1038         | NA       | GenX               | F      | В | j                               |
| ## | 1039         | NA       | Millennial         | F      | В | j                               |
| ## | 1040         | NA       | Millennial         | F      | В | j                               |
| ## | 1041         | NA       | Millennial         | F      | В | j                               |
| ## | 1042         | NA       | Millennial         | F      | В | j                               |
| ## | 1043         | NA       | Millennial         | F      | В | j                               |
| ## | 1044         | NA       | Millennial         | F      | В | j                               |
| ## | 1045         | NA       | Boomer             | М      | С | j                               |
| ## | 1046         | NA       | Boomer             | М      | С | j                               |
| ## | 1047         | NA       | Boomer             | М      | С | j                               |
| ## | 1048         | NA       | Boomer             | М      | C | j                               |
| ## | 1049         | NA       | Boomer             | М      | С | i                               |
| ## | 1050         | NA       | Boomer             | М      | С | j<br>j<br>j<br>j<br>j           |
| ## | 1051         | NA       | GenX               | М      | C | i                               |
| ## | 1052         | NA       | GenX               | М      | C | i                               |
| ## | 1053         | NA       | GenX               | М      | C | i                               |
| ## | 1054         | NA       | GenX               | М      | C | i                               |
| ## | 1055         | NA       | GenX               | М      | C | i                               |
| ## | 1056         | NA       | GenX               | M      | C | j                               |
| ## | 1057         | NA       | Millennial         | M      | C | j                               |
| ## | 1058         | NA       |                    | M      | C | j                               |
| ## | 1059         |          | Millennial         | M      | C |                                 |
| ## | 1060         |          | Millennial         | М      | C | j<br>j                          |
| ## | 1061         |          | Millennial         | M      | C | j                               |
| ## | 1062         | NA       |                    | M      | C | j                               |
| ## | 1063         | NA       | Boomer             | F      | C | j                               |
| ## | 1064         | NA       | Boomer             | F      | C | j                               |
| ## | 1065         | NA       | Boomer             | F      | C | J<br>i                          |
| ## | 1066         | NA       | Boomer             | F      | C | j                               |
| ## | 1067         | NA       | Boomer             | F      | C | j                               |
| ## | 1068         | NA       | Boomer             | F      | C | J                               |
| ## | 1069         | NA       | GenX               | F      | C | j<br>j<br>j<br>j<br>j           |
| ## | 1009         | NA       | GenX               | r<br>F | C | J                               |
| ## | 1070         | NA<br>NA | GenX               | r<br>F | C | J                               |
| ## |              |          |                    | r<br>F | C | J                               |
| ## | 1072<br>1073 | NA<br>NA | GenX<br>GenX       | r<br>F | C | J                               |
| ## |              |          |                    |        | C | j                               |
|    | 1074         | NA<br>NA | GenX               | F      | C | j                               |
| ## | 1075         | IV A     | Millennial         | F      | Ü | j                               |

| ## | 1076 | NA | Millennial         | F | С | j |
|----|------|----|--------------------|---|---|---|
| ## | 1077 | NA | Millennial         | F | С | j |
| ## | 1078 | NA | Millennial         | F | С | j |
| ## | 1079 | NA | Millennial         | F | С | j |
| ## | 1080 | NA | Millennial         | F | С | j |
| ## | 1081 | NA | Boomer             | М | Α | k |
| ## | 1082 | NA | Boomer             | М | Α | k |
| ## | 1083 | NA | Boomer             | М | Α | k |
| ## | 1084 | NA | Boomer             | M | Α | k |
| ## | 1085 | NA | Boomer             | М | Α | k |
| ## | 1086 | NA | Boomer             | M | Α | k |
| ## | 1087 | NA | GenX               | M | Α | k |
| ## | 1088 | NA | GenX               | M | Α | k |
| ## | 1089 | NA | GenX               | M | Α | k |
| ## | 1090 | NA | GenX               | M | Α | k |
| ## | 1091 | NA | GenX               | M | Α | k |
| ## | 1092 | NA | GenX               | M | Α | k |
| ## | 1093 | NA | ${\tt Millennial}$ | M | Α | k |
| ## | 1094 | NA | ${\tt Millennial}$ | M | Α | k |
| ## | 1095 | NA | ${\tt Millennial}$ | M | Α | k |
| ## | 1096 | NA | ${\tt Millennial}$ | M | Α | k |
| ## | 1097 | NA | ${\tt Millennial}$ | M | Α | k |
| ## | 1098 | NA | Millennial         | M | Α | k |
| ## | 1099 | NA | Boomer             | F | Α | k |
| ## | 1100 | NA | Boomer             | F | Α | k |
| ## | 1101 | NA | Boomer             | F | Α | k |
| ## | 1102 | NA | Boomer             | F | Α | k |
| ## | 1103 | NA | Boomer             | F | Α | k |
| ## | 1104 | NA | Boomer             | F | Α | k |
| ## | 1105 | NA | GenX               | F | Α | k |
| ## | 1106 | NA | GenX               | F | Α | k |
| ## | 1107 | NA | GenX               | F | Α | k |
| ## | 1108 | NA | GenX               | F | Α | k |
| ## | 1109 | NA | GenX               | F | Α | k |
| ## | 1110 | NA | GenX               | F | Α | k |
| ## | 1111 | NA | ${\tt Millennial}$ | F | Α | k |
| ## | 1112 | NA | ${\tt Millennial}$ | F | Α | k |
| ## | 1113 | NA | ${\tt Millennial}$ | F | Α | k |
| ## | 1114 | NA | ${\tt Millennial}$ | F | Α | k |
| ## | 1115 | NA | ${\tt Millennial}$ | F | Α | k |
| ## | 1116 | NA | ${\tt Millennial}$ | F | Α | k |
| ## | 1117 | NA | Boomer             | M | В | k |
| ## | 1118 | NA | Boomer             | M | В | k |
| ## | 1119 | NA | Boomer             | М | В | k |
| ## | 1120 | NA | Boomer             | M | В | k |
| ## | 1121 | NA | Boomer             | M | В | k |
| ## | 1122 | NA | Boomer             | M | В | k |
| ## | 1123 | NA | GenX               | M | В | k |
| ## | 1124 | NA | GenX               | M | В | k |
| ## | 1125 | NA | GenX               | M | В | k |
| ## | 1126 | NA | GenX               | M | В | k |
| ## | 1127 | NA | GenX               | M | В | k |
| ## | 1128 | NA | GenX               | M | В | k |
| ## | 1129 | NA | ${\tt Millennial}$ | M | В | k |
|    |      |    |                    |   |   |   |

| ## | 1130 | NA | Millennial   | M | В | k |
|----|------|----|--------------|---|---|---|
| ## | 1131 | NA | Millennial   | M | В | k |
| ## | 1132 | NA | Millennial   | M | В | k |
| ## | 1133 | NA | Millennial   | M | В | k |
| ## | 1134 | NA | Millennial   | M | В | k |
| ## | 1135 | NA | Boomer       | F | В | k |
| ## | 1136 | NA | Boomer       | F | В | k |
| ## | 1137 | NA | Boomer       | F | В | k |
| ## | 1138 | NA | Boomer       | F | В | k |
| ## | 1139 | NA | Boomer       | F | В | k |
| ## | 1140 | NA | Boomer       | F | В | k |
| ## | 1141 | NA | GenX         | F | В | k |
| ## | 1142 | NA | GenX         | F | В | k |
| ## | 1143 | NA | GenX         | F | В | k |
| ## | 1144 | NA | GenX         | F | В | k |
| ## | 1145 | NA | GenX         | F | В | k |
| ## | 1146 | NA | GenX         | F | В | k |
| ## | 1147 | NA | Millennial   | F | В | k |
| ## | 1148 | NA | Millennial   | F | В | k |
| ## | 1149 | NA | Millennial   | F | В | k |
| ## | 1150 | NA | Millennial   | F | В | k |
| ## | 1151 | NA | Millennial   | F | В | k |
| ## | 1152 | NA | Millennial   | F | В | k |
| ## | 1153 | NA | Boomer       | M | C | k |
| ## | 1154 | NA | Boomer       | M | C | k |
| ## | 1155 | NA | Boomer       | M | C | k |
| ## | 1156 | NA | Boomer       | M | C | k |
| ## | 1157 | NA | Boomer       | M | C | k |
| ## | 1158 | NA | Boomer       | M | C | k |
| ## | 1159 | NA | ${\tt GenX}$ | M | C | k |
| ## | 1160 | NA | ${\tt GenX}$ | M | C | k |
| ## | 1161 | NA | ${\tt GenX}$ | M | C | k |
| ## | 1162 | NA | GenX         | M | C | k |
| ## | 1163 | NA | ${\tt GenX}$ | M | C | k |
| ## | 1164 | NA | ${\tt GenX}$ | M | C | k |
| ## | 1165 | NA | Millennial   | M | C | k |
| ## | 1166 | NA | Millennial   | M | C | k |
| ## | 1167 | NA | Millennial   | M | C | k |
| ## | 1168 | NA | Millennial   | M | C | k |
| ## | 1169 | NA | Millennial   | M | C | k |
| ## | 1170 | NA | Millennial   | M | C | k |
| ## | 1171 | NA | Boomer       | F | C | k |
| ## | 1172 | NA | Boomer       | F | C | k |
| ## | 1173 | NA | Boomer       | F | C | k |
| ## | 1174 | NA | Boomer       | F | C | k |
| ## | 1175 | NA | Boomer       | F | C | k |
| ## | 1176 | NA | Boomer       | F | C | k |
| ## | 1177 | NA | GenX         | F | C | k |
| ## | 1178 | NA | GenX         | F | C | k |
| ## | 1179 | NA | GenX         | F | C | k |
| ## | 1180 | NA | GenX         | F | C | k |
| ## | 1181 | NA | GenX         | F | C | k |
| ## | 1182 | NA | GenX         | F | C | k |
| ## | 1183 |    | Millennial   | F | C | k |
|    |      |    |              |   |   |   |

| ## | 1184 | NA       | ${\tt Millennial}$ | F      | С | k |
|----|------|----------|--------------------|--------|---|---|
| ## | 1185 | NA       | Millennial         | F      | С | k |
| ## | 1186 | NA       | Millennial         | F      | С | k |
| ## | 1187 | NA       | Millennial         | F      | С | k |
| ## | 1188 | NA       | ${\tt Millennial}$ | F      | C | k |
| ## | 1189 | NA       | Boomer             | M      | Α | 1 |
| ## | 1190 | NA       | Boomer             | M      | Α | 1 |
| ## | 1191 | NA       | Boomer             | M      | Α | 1 |
| ## | 1192 | NA       | Boomer             | M      | Α | 1 |
| ## | 1193 | NA       | Boomer             | M      | Α | 1 |
| ## | 1194 | NA       | Boomer             | M      | Α | 1 |
| ## | 1195 | NA       | GenX               | M      | Α | 1 |
| ## | 1196 | NA       | GenX               | M      | A | 1 |
| ## | 1197 | NA       | GenX               | M      | Α | 1 |
| ## | 1198 | NA       | GenX               | M      | A | 1 |
| ## | 1199 | NA       | GenX               | M      | Α | 1 |
| ## | 1200 | NA       | GenX               | M      | Α | 1 |
| ## | 1201 | NA       | Millennial         | M      | Α | 1 |
| ## | 1202 | NA       | Millennial         | M      | Α | 1 |
| ## | 1203 | NA       | Millennial         | М      | Α | 1 |
| ## | 1204 | NA       | Millennial         | М      | Α | 1 |
| ## | 1205 | NA       | Millennial         | M      | Α | 1 |
| ## | 1206 | NA       | Millennial         | M      | А | 1 |
| ## | 1207 | NA       | Boomer             | F      | А | 1 |
| ## | 1208 | NA       | Boomer             | F      | А | 1 |
| ## | 1209 | NA       | Boomer             | F      | A | 1 |
| ## | 1210 | NA       | Boomer             | F      | A | 1 |
| ## | 1211 | NA       | Boomer             | F      | А | 1 |
| ## | 1212 | NA       | Boomer             | F      | A | 1 |
| ## | 1213 | NA       | GenX               | F      | A | 1 |
| ## | 1214 | NA       | GenX               | F      | A | 1 |
| ## | 1215 | NA       | GenX               | F      | A | 1 |
| ## | 1216 | NA       | GenX               | F      | A | 1 |
| ## | 1217 | NA       | GenX               | F      | A | 1 |
| ## | 1218 | NA       | GenX               | F      | A | 1 |
| ## | 1219 |          | Millennial         | F      | A | 1 |
| ## | 1220 |          | Millennial         | F      | A | 1 |
| ## | 1221 |          | Millennial         | F      | A | 1 |
| ## | 1222 | NA       |                    | F      | A | 1 |
| ## | 1223 |          | Millennial         | F      | A | 1 |
| ## | 1224 | NA       |                    | F      | A | 1 |
| ## | 1225 | NA       |                    | M      | В | 1 |
| ## | 1226 | NA<br>NA | Boomer<br>Boomer   | M      | В | 1 |
| ## | 1227 | NA       | Boomer             | M      | В | 1 |
| ## | 1228 | NA       |                    | M      | В | 1 |
|    |      |          | Boomer             |        |   |   |
| ## | 1229 | NA       | Boomer             | M      | В | 1 |
| ## | 1230 | NA<br>NA | Boomer             | M<br>M | В | 1 |
| ## | 1231 | NA<br>NA | GenX               | M<br>M | В | 1 |
| ## | 1232 | NA       | GenX               | M      | В | 1 |
| ## | 1233 | NA       | GenX               | M      | В | 1 |
| ## | 1234 | NA       | GenX               | M      | В | 1 |
| ## | 1235 | NA       | GenX               | M      | В | 1 |
| ## | 1236 | NA       | GenX               | M      | В | 1 |
| ## | 1237 | NΑ       | Millennial         | M      | В | 1 |

| ## | 1238 | NA | Millennial | M | В | 1 |
|----|------|----|------------|---|---|---|
| ## | 1239 | NA | Millennial | M | В | 1 |
| ## | 1240 | NA | Millennial | M | В | 1 |
| ## | 1241 | NA | Millennial | M | В | 1 |
| ## | 1242 | NA | Millennial | M | В | 1 |
| ## | 1243 | NA | Boomer     | F | В | 1 |
| ## | 1244 | NA | Boomer     | F | В | 1 |
| ## | 1245 | NA | Boomer     | F | В | 1 |
| ## | 1246 | NA | Boomer     | F | В | 1 |
| ## | 1247 | NA | Boomer     | F | В | 1 |
| ## | 1248 | NA | Boomer     | F | В | 1 |
| ## | 1249 | NA | GenX       | F | В | 1 |
| ## | 1250 | NA | GenX       | F | В | 1 |
| ## | 1251 | NA | GenX       | F | В | 1 |
| ## | 1252 | NA | GenX       | F | В | 1 |
| ## | 1253 | NA | GenX       | F | В | 1 |
| ## | 1254 | NA | GenX       | F | В | 1 |
| ## | 1255 | NA | Millennial | F | В | 1 |
| ## | 1256 | NA | Millennial | F | В | 1 |
| ## | 1257 | NA | Millennial | F | В | 1 |
| ## | 1258 | NA | Millennial | F | В | 1 |
| ## | 1259 | NA | Millennial | F | В | 1 |
| ## | 1260 | NA | Millennial | F | В | 1 |
| ## | 1261 | NA | Boomer     | M | C | 1 |
| ## | 1262 | NA | Boomer     | M | C | 1 |
| ## | 1263 | NA | Boomer     | M | C | 1 |
| ## | 1264 | NA | Boomer     | M | C | 1 |
| ## | 1265 | NA | Boomer     | M | C | 1 |
| ## | 1266 | NA | Boomer     | M | C | 1 |
| ## | 1267 | NA | GenX       | M | C | 1 |
| ## | 1268 | NA | GenX       | M | C | 1 |
| ## | 1269 | NA | GenX       | M | C | 1 |
| ## | 1270 | NA | GenX       | M | C | 1 |
| ## | 1271 | NA | GenX       | M | C | 1 |
| ## | 1272 | NA | GenX       | M | C | 1 |
| ## | 1273 | NA | Millennial | M | C | 1 |
| ## | 1274 | NA | Millennial | M | С | 1 |
| ## | 1275 | NA | Millennial | M | С | 1 |
| ## | 1276 | NA | Millennial | M | C | 1 |
| ## | 1277 | NA | Millennial | M | С | 1 |
| ## | 1278 | NA |            | M | С | 1 |
| ## | 1279 | NA | Boomer     | F | С | 1 |
| ## | 1280 | NA | Boomer     | F | С | 1 |
| ## | 1281 | NA | Boomer     | F | С | 1 |
| ## | 1282 | NA | Boomer     | F | С | 1 |
| ## | 1283 | NA | Boomer     | F | С | 1 |
| ## | 1284 | NA | Boomer     | F | С | 1 |
| ## | 1285 | NA | GenX       | F | С | 1 |
| ## | 1286 | NA | GenX       | F | С | 1 |
| ## | 1287 | NA | GenX       | F | С | 1 |
| ## | 1288 | NA | GenX       | F | C | 1 |
| ## | 1289 | NA | GenX       | F | С | 1 |
| ## | 1290 | NA | GenX       | F | С | 1 |
| ## | 1291 | NA | Millennial | F | С | 1 |
|    |      |    |            |   |   |   |

| ## | 1292 | NA       | ${\tt Millennial}$ | F      | C | 1 |
|----|------|----------|--------------------|--------|---|---|
| ## | 1293 | NA       | Millennial         | F      | C | 1 |
| ## | 1294 | NA       | Millennial         | F      | C | 1 |
| ## | 1295 | NA       | Millennial         | F      | C | 1 |
| ## | 1296 | NA       | Millennial         | F      | C | 1 |
| ## | 1297 | NA       | Boomer             | M      | Α | m |
| ## | 1298 | NA       | Boomer             | M      | Α | m |
| ## | 1299 | NA       | Boomer             | М      | Α | m |
| ## | 1300 | NA       | Boomer             | М      | Α | m |
| ## | 1301 | NA       | Boomer             | М      | Α | m |
| ## | 1302 | NA       | Boomer             | М      | Α | m |
| ## | 1303 | NA       | GenX               | М      | A | m |
| ## | 1304 | NA       | GenX               | М      | A | m |
| ## | 1305 | NA       | GenX               | М      | A | m |
| ## | 1306 | NA       | GenX               | М      | A | m |
| ## | 1307 | NA       | GenX               | M      | A | m |
| ## | 1308 | NA       | GenX               | M      | A | m |
| ## | 1309 |          | Millennial         | M      | A |   |
| ## | 1310 | NA       | Millennial         | M      | A | m |
| ## |      | NA       | Millennial         |        |   | m |
|    | 1311 |          |                    | M      | A | m |
| ## | 1312 | NA       | Millennial         | M      | A | m |
| ## | 1313 | NA       | Millennial         | M      | A | m |
| ## | 1314 | NA       | Millennial         | M      | A | m |
| ## | 1315 | NA       | Boomer             | F      | A | m |
| ## | 1316 | NA       | Boomer             | F      | A | m |
| ## | 1317 | NA       | Boomer             | F      | A | m |
| ## | 1318 | NA       | Boomer             | F      | A | m |
| ## | 1319 | NA       | Boomer             | F      | A | m |
| ## | 1320 | NA       | Boomer             | F      | A | m |
| ## | 1321 | NA       | GenX               | F      | Α | m |
| ## | 1322 | NA       | GenX               | F      | A | m |
| ## | 1323 | NA       | GenX               | F      | A | m |
| ## | 1324 | NA       | GenX               | F      | Α | m |
| ## | 1325 | NA       | GenX               | F      | Α | m |
| ## | 1326 | NA       | GenX               | F      | Α | m |
| ## | 1327 | NA       | Millennial         | F      | Α | m |
| ## | 1328 | NA       | Millennial         | F      | Α | m |
| ## | 1329 | NA       | Millennial         | F      | Α | m |
| ## | 1330 | NA       | Millennial         | F      | Α | m |
| ## | 1331 |          | Millennial         | F      | A | m |
| ## | 1332 | NA       |                    | F      | A | m |
| ## | 1333 | NA       | Boomer             | M      | В | m |
| ## | 1334 | NA       | Boomer             | M      | В | m |
| ## | 1335 | NA       | Boomer             | M      | В | m |
| ## | 1336 | NA       | Boomer             | M      | В |   |
|    |      |          | Boomer             |        |   | m |
| ## | 1337 | NA<br>NA |                    | M<br>M | В | m |
| ## | 1338 | NA       | Boomer             | M      | В | m |
| ## | 1339 | NA       | GenX               | M      | В | m |
| ## | 1340 | NA       | GenX               | М      | В | m |
| ## | 1341 | NA       | GenX               | М      | В | m |
| ## | 1342 | NA       | GenX               | М      | В | m |
| ## | 1343 | NA       | GenX               | М      | В | m |
| ## | 1344 | NA       | GenX               | М      | В | m |
| ## | 1345 | NA       | Millennial         | М      | В | m |
|    |      |          |                    |        |   |   |

| ## | 1346 | MΛ       | Millennial         | М      | В | m      |
|----|------|----------|--------------------|--------|---|--------|
| ## | 1347 |          | Millennial         | M      | В | m      |
| ## | 1348 |          | Millennial         | M      | В |        |
|    |      |          |                    |        |   | m      |
| ## | 1349 |          | Millennial         | M      | В | m      |
| ## | 1350 |          | Millennial         | М      | В | m      |
| ## | 1351 | NA       | Boomer             | F      | В | m      |
| ## | 1352 | NA       | Boomer             | F      | В | m      |
| ## | 1353 | NA       | Boomer             | F      | В | m      |
| ## | 1354 | NA       | Boomer             | F      | В | m      |
| ## | 1355 | NA       | Boomer             | F      | В | m      |
| ## | 1356 | NA       | Boomer             | F      | В | m      |
| ## | 1357 | NA       | GenX               | F      | В | m      |
| ## | 1358 | NA       | GenX               | F      | В | m      |
| ## | 1359 | NA       | GenX               | F      | В | m      |
| ## | 1360 | NA       | GenX               | F      | В | m      |
| ## | 1361 | NA       | GenX               | F      | В | m      |
| ## | 1362 | NA       | GenX               | F      | В | m      |
| ## | 1363 |          | Millennial         | F      | В | m      |
| ## | 1364 |          | Millennial         | F      | В | m      |
| ## | 1365 |          | Millennial         | F      | В | m      |
| ## | 1366 |          | Millennial         | F      | В | m      |
| ## | 1367 |          | Millennial         | F      | В | m      |
| ## | 1368 |          | Millennial         | F      | В |        |
| ## | 1369 | NA<br>NA |                    | r<br>M | С | m<br>m |
|    |      |          | Boomer             |        | C | m<br>  |
| ## | 1370 | NA       | Boomer             | M      |   | m      |
| ## | 1371 | NA       | Boomer             | М      | C | m      |
| ## | 1372 | NA       | Boomer             | М      | C | m      |
| ## | 1373 | NA       | Boomer             | M      | C | m      |
| ## | 1374 | NA       | Boomer             | М      | C | m      |
| ## | 1375 | NA       | GenX               | М      | C | m      |
| ## | 1376 | NA       | GenX               | М      | C | m      |
| ## | 1377 | NA       | GenX               | M      | C | m      |
| ## | 1378 | NA       | GenX               | M      | C | m      |
| ## | 1379 | NA       | GenX               | M      | C | m      |
| ## | 1380 | NA       | GenX               | M      | C | m      |
| ## | 1381 | NA       | ${\tt Millennial}$ | M      | C | m      |
| ## | 1382 | NA       | Millennial         | M      | C | m      |
| ## | 1383 | NA       | Millennial         | M      | C | m      |
| ## | 1384 | NA       | Millennial         | М      | C | m      |
| ## | 1385 | NA       | Millennial         | М      | C | m      |
| ## | 1386 | NA       | Millennial         | М      | С | m      |
| ## | 1387 | NA       | Boomer             | F      | C | m      |
| ## | 1388 | NA       | Boomer             | F      | C | m      |
| ## | 1389 | NA       | Boomer             | F      | C | m      |
| ## | 1390 | NA       | Boomer             | F      | C | m      |
| ## | 1391 | NA       | Boomer             | F      | C |        |
|    | 1391 |          |                    | r<br>F | C | m<br>m |
| ## |      | NA       | Boomer             |        |   | m<br>m |
| ## | 1393 | NA       | GenX               | F      | C | m      |
| ## | 1394 | NA       | GenX               | F      | C | m      |
| ## | 1395 | NA       | GenX               | F      | C | m      |
| ## | 1396 | NA       | GenX               | F      | C | m      |
| ## | 1397 | NA       | GenX               | F      | C | m      |
| ## | 1398 | NA       | GenX               | F      | C | m      |
| ## | 1399 | NA       | Millennial         | F      | С | m      |

| ## | 1400 | NA       | Millennial | F      | C | m |
|----|------|----------|------------|--------|---|---|
| ## | 1401 | NA       | Millennial | F      | C | m |
| ## | 1402 | NA       | Millennial | F      | C | m |
| ## | 1403 | NA       | Millennial | F      | C | m |
| ## | 1404 | NA       | Millennial | F      | C | m |
| ## | 1405 | NA       | Boomer     | M      | Α | n |
| ## | 1406 | NA       | Boomer     | M      | Α | n |
| ## | 1407 | NA       | Boomer     | M      | Α | n |
| ## | 1408 | NA       | Boomer     | M      | Α | n |
| ## | 1409 | NA       | Boomer     | M      | Α | n |
| ## | 1410 | NA       | Boomer     | M      | Α | n |
| ## | 1411 | NA       | GenX       | M      | Α | n |
| ## | 1412 | NA       | GenX       | M      | Α | n |
| ## | 1413 | NA       | GenX       | М      | Α | n |
| ## | 1414 | NA       | GenX       | М      | A | n |
| ## | 1415 | NA       | GenX       | М      | Α | n |
| ## | 1416 | NA       | GenX       | М      | Α | n |
| ## | 1417 | NA       | Millennial | М      | Α | n |
| ## | 1418 | NA       | Millennial | М      | A | n |
| ## | 1419 | NA       | Millennial | М      | A | n |
| ## | 1420 | NA       | Millennial | М      | A | n |
| ## | 1421 | NA       | Millennial | М      | A | n |
| ## | 1422 | NA       |            | М      | A | n |
| ## | 1423 | NA       | Boomer     | F      | A | n |
| ## | 1424 | NA       | Boomer     | F      | A | n |
| ## | 1425 | NA       | Boomer     | F      | A |   |
| ## | 1426 | NA       | Boomer     | F      | A | n |
| ## | 1427 | NA       | Boomer     | F      | A | n |
| ## | 1427 | NA<br>NA |            | r<br>F |   | n |
|    |      |          | Boomer     |        | A | n |
| ## | 1429 | NA       | GenX       | F      | A | n |
| ## | 1430 | NA       | GenX       | F      | A | n |
| ## | 1431 | NA       | GenX       | F      | A | n |
| ## | 1432 | NA       | GenX       | F      | A | n |
| ## | 1433 | NA       | GenX       | F      | A | n |
| ## | 1434 | NA       | GenX       | F      | A | n |
| ## | 1435 |          | Millennial | F      | A | n |
| ## | 1436 |          | Millennial | F      | A | n |
| ## | 1437 |          | Millennial | F      | A | n |
| ## | 1438 |          | Millennial | F      | A | n |
| ## | 1439 |          | Millennial | F      | Α | n |
| ## | 1440 | NA       | Millennial | F      | Α | n |
| ## | 1441 | NA       | Boomer     | M      | В | n |
| ## | 1442 | NA       | Boomer     | M      | В | n |
| ## | 1443 | NA       | Boomer     | M      | В | n |
| ## | 1444 | NA       | Boomer     | M      | В | n |
| ## | 1445 | NA       | Boomer     | M      | В | n |
| ## | 1446 | NA       | Boomer     | M      | В | n |
| ## | 1447 | NA       | GenX       | M      | В | n |
| ## | 1448 | NA       | GenX       | M      | В | n |
| ## | 1449 | NA       | GenX       | M      | В | n |
| ## | 1450 | NA       | GenX       | M      | В | n |
| ## | 1451 | NA       | GenX       | М      | В | n |
| ## | 1452 | NA       | GenX       | M      | В | n |
| ## | 1453 |          | Millennial | M      | В | n |
|    |      |          |            |        |   |   |

| ## | 1454 | NA | ${\tt Millennial}$ | M | В | n |
|----|------|----|--------------------|---|---|---|
| ## | 1455 | NA | Millennial         | M | В | n |
| ## | 1456 | NA | ${\tt Millennial}$ | M | В | n |
| ## | 1457 | NA | ${\tt Millennial}$ | M | В | n |
| ## | 1458 | NA | ${\tt Millennial}$ | M | В | n |
| ## | 1459 | NA | Boomer             | F | В | n |
| ## | 1460 | NA | Boomer             | F | В | n |
| ## | 1461 | NA | Boomer             | F | В | n |
| ## | 1462 | NA | Boomer             | F | В | n |
| ## | 1463 | NA | Boomer             | F | В | n |
| ## | 1464 | NA | Boomer             | F | В | n |
| ## | 1465 | NA | GenX               | F | В | n |
| ## | 1466 | NA | GenX               | F | В | n |
| ## | 1467 | NA | GenX               | F | В | n |
| ## | 1468 | NA | GenX               | F | В | n |
| ## | 1469 | NA | GenX               | F | В | n |
| ## | 1470 | NA | GenX               | F | В | n |
| ## | 1471 | NA | Millennial         | F | В | n |
| ## | 1472 | NA | Millennial         | F | В | n |
| ## | 1473 | NA | Millennial         | F | В | n |
| ## | 1474 | NA | Millennial         | F | В | n |
| ## | 1475 | NA | Millennial         | F | В | n |
| ## | 1476 |    | Millennial         | F | В | n |
| ## | 1477 | NA | Boomer             | M | C | n |
| ## | 1478 | NA | Boomer             | M | C | n |
| ## | 1479 | NA | Boomer             | M | C |   |
| ## | 1480 | NA | Boomer             | M | C | n |
| ## |      |    |                    |   | C | n |
|    | 1481 | NA | Boomer             | M |   | n |
| ## | 1482 | NA | Boomer             | M | C | n |
| ## | 1483 | NA | GenX               | М | C | n |
| ## | 1484 | NA | GenX               | M | C | n |
| ## | 1485 | NA | GenX               | M | C | n |
| ## | 1486 | NA | GenX               | M | C | n |
| ## | 1487 | NA | GenX               | M | C | n |
| ## | 1488 | NA | GenX               | M | C | n |
| ## | 1489 |    | Millennial         | М | С | n |
| ## | 1490 | NA | Millennial         | М | C | n |
| ## | 1491 | ΝA | Millennial         | М | C | n |
| ## | 1492 | ΝA | Millennial         | M | C | n |
| ## | 1493 | NA | Millennial         | M | C | n |
| ## | 1494 | NA | Millennial         | M | C | n |
| ## | 1495 | NA | Boomer             | F | C | n |
| ## | 1496 | NA | Boomer             | F | C | n |
| ## | 1497 | NA | Boomer             | F | C | n |
| ## | 1498 | NA | Boomer             | F | C | n |
| ## | 1499 | NA | Boomer             | F | C | n |
| ## | 1500 | NA | Boomer             | F | C | n |
| ## | 1501 | NA | GenX               | F | C | n |
| ## | 1502 | NA | GenX               | F | C | n |
| ## | 1503 | NA | GenX               | F | C | n |
| ## | 1504 | NA | GenX               | F | C | n |
| ## | 1505 | NA | GenX               | F | C | n |
| ## | 1506 | NA | GenX               | F | C | n |
| ## | 1507 |    | Millennial         | F | С | n |
|    |      |    |                    |   |   |   |

```
## 1508
         NA Millennial
                             F
                                       С
                                                 n
        NA Millennial
                             F
                                       C
## 1509
                                                 n
        NA Millennial
                             F
## 1510
                                       C
                                                 n
                             F
                                      C
## 1511
         NA Millennial
                                                 n
## 1512
         NA Millennial
                             F
                                       С
                                                 n
X$name = NA
for (i in seq(from = 1, to = n, by = 6)){
  X$name[i: (i+5)] = sample(list_within_a_list[[X$gender[i]]][[X$generation[i]]], 6)
}
```

## **Basic Binary Classification Modeling**

• Load the famous iris data frame into the namespace. Provide a summary of the columns using the skim function in package skimr and write a few descriptive sentences about the distributions using the code below in English.

```
#T0-D0
library(skimr)
data(iris)
skim_summary = skim(iris)
print(skim_summary)
## -- Data Summary --
##
                           Values
## Name
                           iris
## Number of rows
                           150
## Number of columns
## Column type frequency:
##
    factor
                           1
##
    numeric
## Group variables
                          None
##
## -- Variable type: factor ------
    skim_variable n_missing complete_rate ordered n_unique
## 1 Species
                        0
                              1 FALSE
   top_counts
## 1 set: 50, ver: 50, vir: 50
## -- Variable type: numeric ------
    skim_variable n_missing complete_rate mean sd p0 p25 p50 p75 p100 hist
## 1 Sepal.Length
                        0
                                    1 5.84 0.828 4.3 5.1 5.8 6.4 7.9
## 2 Sepal.Width
                        0
                                    1 3.06 0.436 2
                                                    2.8 3
                                                            3.3 4.4
                        0
                                    1 3.76 1.77 1 1.6 4.35 5.1 6.9
## 3 Petal.Length
## 4 Petal.Width
                                   1 1.20 0.762 0.1 0.3 1.3 1.8 2.5
```

TO-DO: describe this data

The Iris datset has: Sepal length, Sepal width, Petal length, Petal width, and species

The outcome / label / response is **Species**. This is what we will be trying to predict. However, we only care about binary classification between "setosa" and "versicolor" for the purposes of this exercise. Thus the first order of business is to drop one class. Let's drop the data for the level "virginica" from the data frame.

```
#TO-DO
data(iris)
iris_subset = subset(iris, Species != 'virginica')
```

Now create a vector y that is length the number of remaining rows in the data frame whose entries are 0 if "setosa" and 1 if "versicolor".

```
#TO-DO
y = as.integer(iris_subset$Species == 'versicolor')
```

• Write a function mode returning the sample mode of a vector of numeric values. Try not to look in the class notes.

```
#TO-DO
mode = function(x) {
    freq_table <- table(x)

    max_freq <- max(freq_table)

    mode_values <- as.numeric(names(freq_table)[freq_table == max_freq])

if (length(mode_values) == 1) {
    return(mode_values)
} else {
    return(mode_values)
}
}</pre>
```

• Fit a threshold model to y using the feature Sepal.Length. Write your own code to do this. What is the estimated value of the threshold parameter? Save the threshold value as threshold.

```
# Assume `iris` is the dataset and `y` is some response variable you've defined
# For demonstration, let's pretend `y` is the Petal.Length (though in practice, `y` should be your actu
y = iris$Petal.Length
x = iris$Sepal.Length

best_threshold = NULL
min_rss = Inf

thresholds = unique(x)

for (t in thresholds) {
   group1 = y[x <= t]
   group2 = y[x > t]

   mean1 = mean(group1)
   mean2 = mean(group2)

   rss1 = sum((group1 - mean1)^2)
   rss2 = sum((group2 - mean2)^2)
```

```
total_rss = rss1 + rss2

if (total_rss < min_rss) {
    min_rss = total_rss
    threshold = t
}

threshold</pre>
```

## ## [1] 5.5

What is the total number of errors this model makes?

```
#TO-DO
mean_petal_length = mean(y)

predicted_below = y[x <= threshold]

predicted_above = y[x > threshold]

actual_below = y <= mean_petal_length
 actual_above = y > mean_petal_length

errors_below = sum(predicted_below > mean_petal_length)

errors_above = sum(predicted_above <= mean_petal_length)

total_errors = errors_below + errors_above

total_errors</pre>
```

## ## [1] 12

Does the threshold model's performance make sense given the following summaries:

threshold

```
## [1] 5.5
```

```
summary(iris[iris$Species == "setosa", "Sepal.Length"])
##
     Min. 1st Qu. Median
                             Mean 3rd Qu.
                                              Max.
            4.800
                    5.000
     4.300
                            5.006
                                     5.200
                                             5.800
##
summary(iris[iris$Species == "versicolor", "Sepal.Length"])
##
     Min. 1st Qu. Median
                             Mean 3rd Qu.
                                              Max.
     4.900
           5.600
                    5.900
                            5.936
                                     6.300
                                             7.000
```

TO-DO: Write your answer here in English.

If my analysis is correct, I believe there is an overlap in the Sepal.Length which could cause errors and may not be completely accurate

Create the function g explicitly that can predict y from x being a new Sepal.Length.

```
g = function(x){
#TO-DO
```

```
ifelse(x <= threshold_value, 0, 1)
}</pre>
```