Young_DSC 640_Assignment 1.2_R

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```
## # A tibble: 6 x 5
##    Year Winner                        `Dogs eaten` Country       `New record`
##   <dbl> <chr>                                <dbl> <chr>                <dbl>
## 1  1980 Paul Siederman & Joe Baldini          9.1 United States            0
## 2  1981 Thomas DeBerry                       11   United States            0
## 3  1982 Steven Abrams                        11   United States            0
## 4  1983 Luis Llamas                          19.5 Mexico                   0
## 5  1984 Birgit Felden                         9.5 Germany                  0
## 6  1985 Oscar Rodriguez                      11.8 United States            0
```
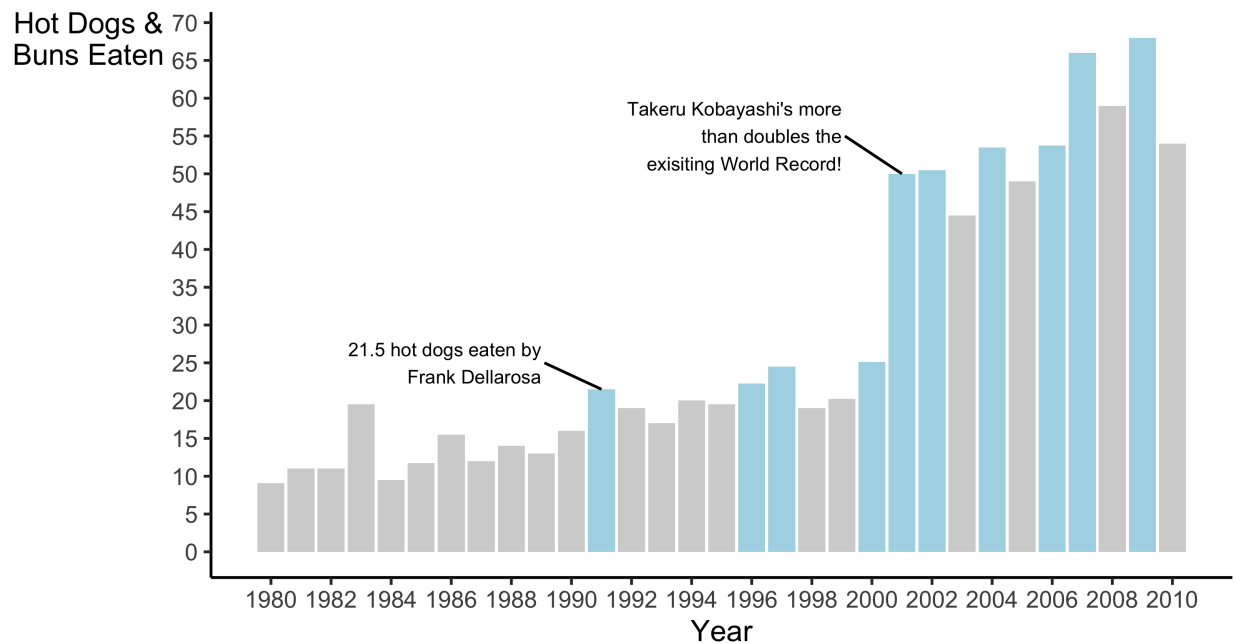
Nathan's Hot Dog Eating Contest 1980 - 2010

Nathan's hot dog eatting contest happens ever year on July 4th.
Contestants compete against eachother to see who can eat the most hot
dogs and buns. Highlighted bars indicate new World Record set.

Source: Data Collected By Nathan Yau From Wikipedia

```
## # A tibble: 3 x 11
##   `2000` `2001` `2002` `2003` `2004` `2005` `2006` `2007` `2008` `2009` `2010`
##    <dbl>  <dbl>  <dbl>  <dbl>  <dbl>  <dbl>  <dbl>  <dbl>  <dbl>  <dbl>  <dbl>
## 1     25     50   50.5   44.5   53.5     49     54     66     59     68     54
## 2     24     31     26   30.5     38     37     52     63     59   64.5     43
```
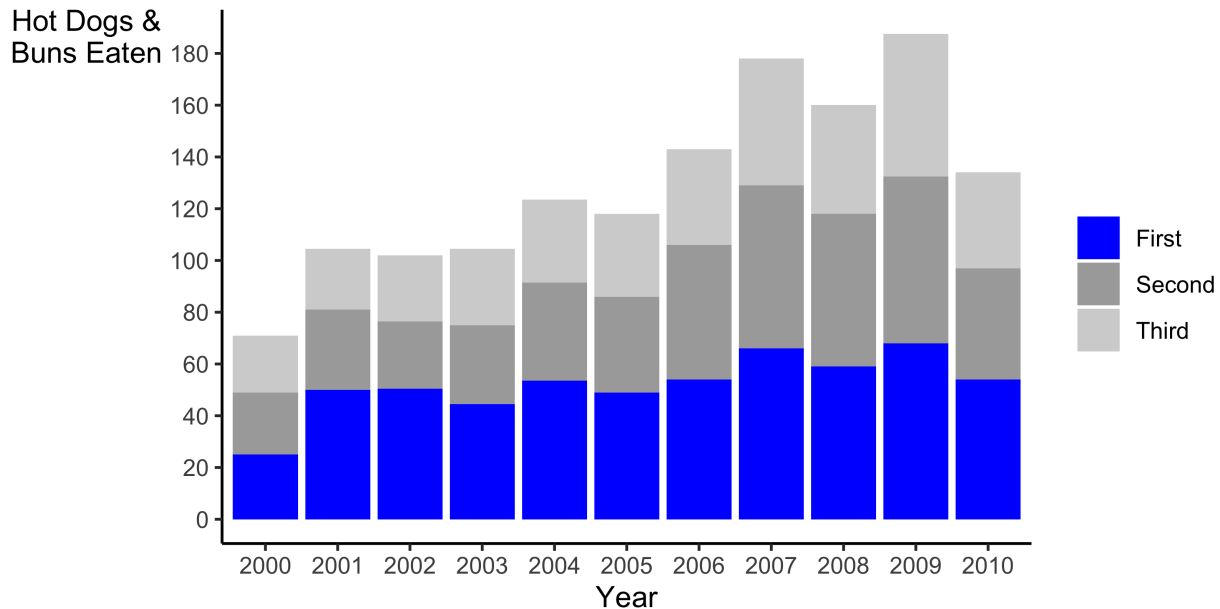
```
## 3      22   23.5   25.5    29.5   32      32     37     49    42    55         37
##     Row_Names variable value
## 1       First     2000  25.0
## 2      Second     2000  24.0
## 3       Third     2000  22.0
## 4       First     2001  50.0
## 5      Second     2001  31.0
## 6       Third     2001  23.5
## 7       First     2002  50.5
## 8      Second     2002  26.0
## 9       Third     2002  25.5
## 10      First     2003  44.5
## 11     Second     2003  30.5
## 12      Third     2003  29.5
## 13      First     2004  53.5
## 14     Second     2004  38.0
## 15      Third     2004  32.0
## 16      First     2005  49.0
## 17     Second     2005  37.0
## 18      Third     2005  32.0
## 19      First     2006  54.0
## 20     Second     2006  52.0
## 21      Third     2006  37.0
## 22      First     2007  66.0
## 23     Second     2007  63.0
## 24      Third     2007  49.0
## 25      First     2008  59.0
## 26     Second     2008  59.0
## 27      Third     2008  42.0
## 28      First     2009  68.0
## 29     Second     2009  64.5
## 30      Third     2009  55.0
## 31      First     2010  54.0
## 32     Second     2010  43.0
## 33      Third     2010  37.0
```

Top Three Competitors (2000 - 2010)

The top competitors for the Nathan's Hot Dog Eating Contests show
similar numbers for 2000, but for the next 5 years, the leader produced a
large gap. In 2006 and on, the numbers eaten are more
equally distributed again.

Source: Data Collected By Nathan Yau From Wikipedia

```
## # A tibble: 6 x 4
##   Issue           Approve Disapprove  None
##   <chr>             <dbl>      <dbl> <dbl>
## 1 Race Relations       52         38    10
## 2 Education            49         40    11
## 3 Terrorism            48         45     7
## 4 Energy Policy        47         42    11
## 5 Foreign Affairs      44         48     8
## 6 Environment          43         51     6

##                        Issue  variable value
## 1            Race Relations    Approve    52
## 2                 Education    Approve    49
## 3                 Terrorism    Approve    48
## 4             Energy Policy    Approve    47
## 5           Foreign Affairs    Approve    44
## 6               Environment    Approve    43
## 7          Situation in Iraq    Approve    41
## 8                     Taxes    Approve    41
## 9          Healthcare Policy    Approve    40
## 10                  Economy    Approve    38
## 11 Situation in Afghanistan    Approve    36
## 12    Federal Budget Deficit    Approve    31
## 13               Immigration    Approve    29
## 14           Race Relations Disapprove    38
## 15               Education Disapprove    40
## 16               Terrorism Disapprove    45
```
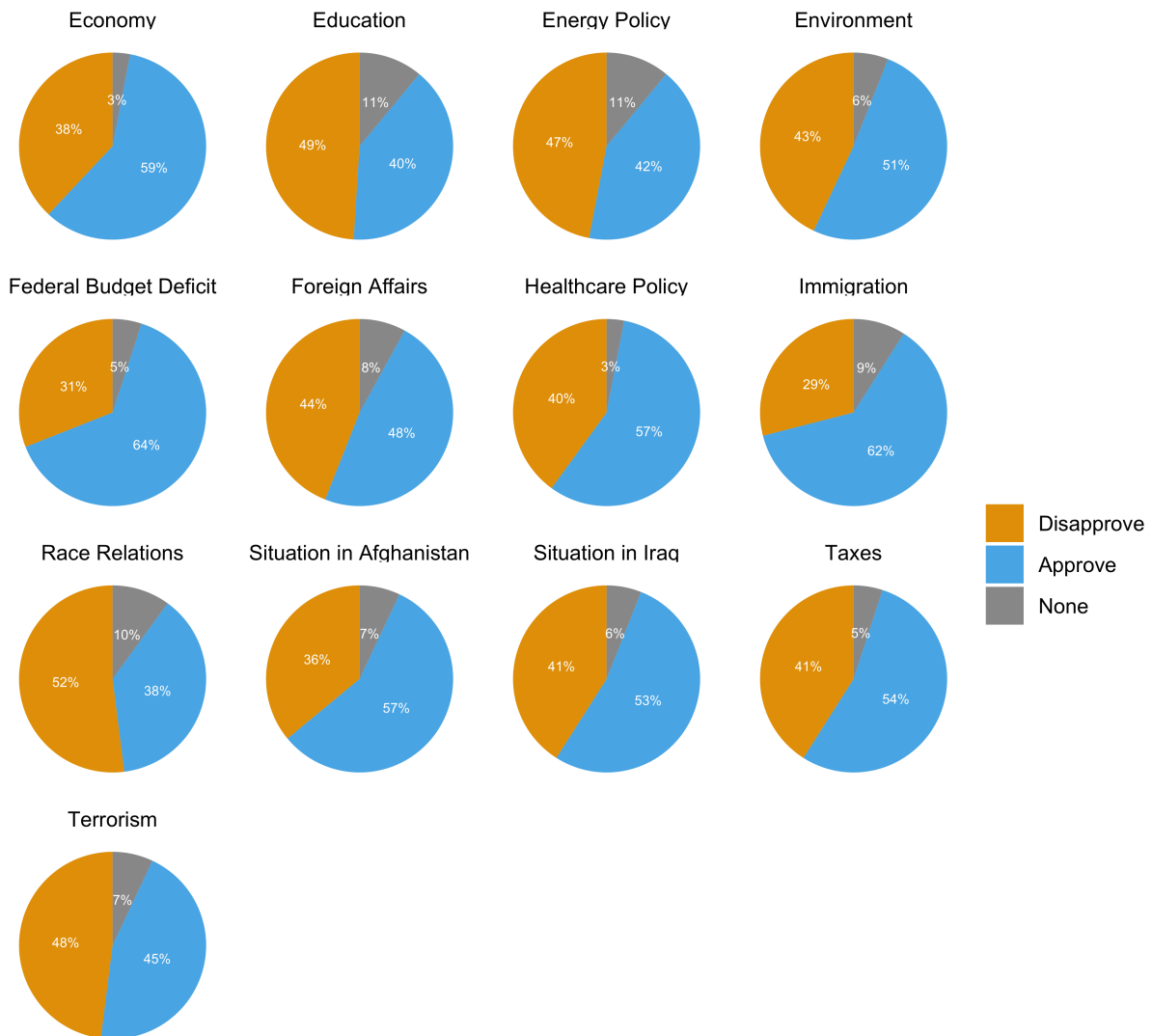
```
## 17             Energy Policy Disapprove    42
## 18           Foreign Affairs Disapprove    48
## 19               Environment Disapprove    51
## 20          Situation in Iraq Disapprove   53
## 21                     Taxes Disapprove    54
## 22          Healthcare Policy Disapprove   57
## 23                   Economy Disapprove    59
## 24 Situation in Afghanistan Disapprove    57
## 25    Federal Budget Deficit Disapprove    64
## 26               Immigration Disapprove    62
## 27            Race Relations       None    10
## 28                 Education       None    11
## 29                 Terrorism       None     7
## 30             Energy Policy       None    11
## 31           Foreign Affairs       None     8
## 32               Environment       None     6
## 33          Situation in Iraq      None     6
## 34                     Taxes       None     5
## 35          Healthcare Policy      None     3
## 36                   Economy       None     3
## 37 Situation in Afghanistan       None     7
## 38    Federal Budget Deficit       None     5
## 39               Immigration       None     9
```

Obama Approval Ratings By Issue

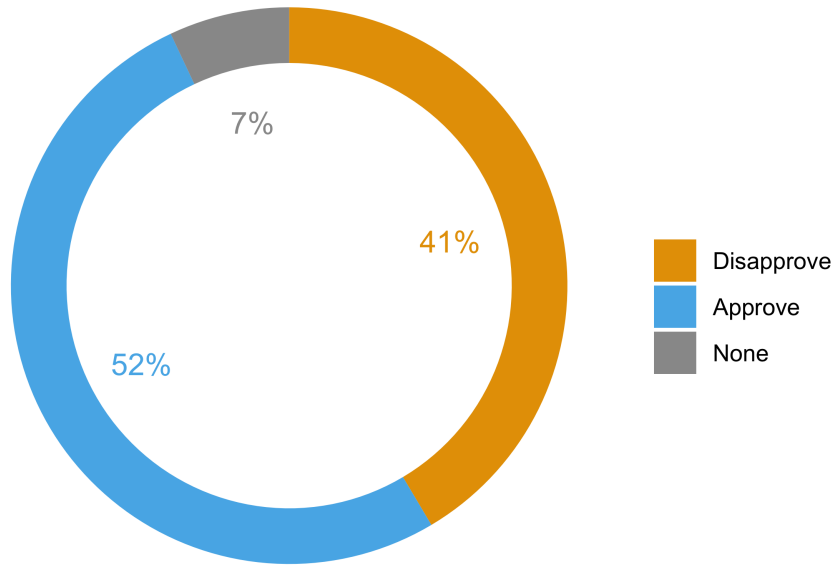Approval ratings are calculated on percent of total answers for political issues.

Economy
3%
38%
59%

Education
11%
49%
40%

Energy Policy
11%
47%
42%

Environment
6%
43%
51%

Federal Budget Deficit
5%
31%
64%

Foreign Affairs
8%
44%
48%

Healthcare Policy
3%
40%
57%

Immigration
9%
29%
62%

Race Relations
10%
52%
38%

Situation in Afghanistan
7%
36%
57%

Situation in Iraq
6%
41%
53%

Taxes
5%
41%
54%

Terrorism
7%
48%
45%

Legend:
- Disapprove
- Approve
- None

```
## # A tibble: 3 x 6
##   variable      Sum percent  ymax  ymin   pos
##   <fct>       <dbl>   <dbl> <dbl> <dbl> <dbl>
## 1 Approve       539   0.415 0.415 0     0.207
## 2 Disapprove    670   0.515 0.93  0.415 0.672
## 3 None           91   0.07  1     0.93  0.965
```

Overall Obama Approval Rating

Approval ratings are combined into an overall rating.

7%

41%

52%

Disapprove

Approve

None

Source: Data Collected By Nathan Yau From Wikipedia