

```
install.packages(ggalt)  
install.packages(statebins)  
install.packages(hrbrthemes)
```

```
library(ggalt)
library(cdcfluview)
library(hrbrthemes)
library(tidyverse)
```

```
ili <- ilinet("national", years = 2013:2018)
```

```
## Observations: 224
```

```
## Variables: 16
```

```
## $ region_type      <chr> "National", "National", "National", "National..."
## $ region           <chr> "National", "National", "National", "National..."
## $ year             <int> 2013, 2013, 2013, 2013, 2013, 2013, 2013, 201...
## $ week             <int> 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 5...
## $ weighted_ili     <dbl> 1.15746, 1.27184, 1.31623, 1.37444, 1.46781, ...
## $ unweighted_ili   <dbl> 1.13249, 1.21121, 1.25682, 1.37097, 1.42956, ...
## $ age_0_4          <dbl> 2974, 3276, 3483, 3930, 4045, 4434, 4643, 483...
## $ age_25_49        <dbl> 1840, 1924, 2010, 2292, 2354, 2511, 2716, 308...
## $ age_25_64        <dbl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, N...
## $ age_5_24         <dbl> 3769, 3925, 3880, 4484, 4642, 5062, 5000, 557...
## $ age_50_64        <dbl> 638, 762, 785, 816, 930, 953, 990, 1083, 1059...
## $ age_65           <dbl> 456, 533, 500, 514, 531, 538, 578, 583, 639, ...
## $ ilitotal         <dbl> 9677, 10420, 10658, 12036, 12502, 13498, 1392...
## $ num_of_providers <dbl> 1960, 1990, 2018, 2027, 2028, 2017, 2054, 201...
## $ total_patients   <dbl> 854487, 860298, 848016, 877917, 874537, 87884...
## $ week_start       <date> 2013-10-07, 2013-10-14, 2013-10-21, 2013-10-...
```