

```
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-...
```

```
hhs ← ilinet("hhs", years = 2013:2018)
```

```
Observations: 2,240
```

```
Variables: 16
```

```
$ region_type      <chr> "HHS Regions", "HHS Regions", "HHS Regions", "HH...
$ region           <fctr> Region 1, Region 2, Region 3, Region 4, Region ...
$ year             <int> 2013, 2013, 2013, 2013, 2013, 2013, 2013, 2013, ...
$ week            <int> 40, 40, 40, 40, 40, 40, 40, 40, 40, 40, 41, 41, ...
$ weighted_ili     <dbl> 0.621395, 1.607510, 0.926323, 0.943459, 0.885838...
$ unweighted_ili   <dbl> 0.615189, 1.431470, 1.094000, 1.020040, 1.139130...
$ age_0_4          <dbl> 117, 632, 401, 432, 402, 585, 48, 111, 234, 12, ...
$ age_25_49        <dbl> 44, 321, 293, 249, 207, 418, 39, 74, 178, 17, 39...
$ age_25_64        <dbl> NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, NA, ...
$ age_5_24         <dbl> 168, 644, 465, 666, 435, 709, 71, 178, 399, 34, ...
$ age_50_64        <dbl> 19, 120, 75, 62, 110, 120, 17, 28, 79, 8, 15, 12...
$ age_65           <dbl> 20, 75, 55, 44, 76, 78, 7, 17, 82, 2, 16, 68, 46...
$ ilitotal         <dbl> 368, 1792, 1289, 1453, 1230, 1910, 182, 408, 972...
$ num_of_providers <dbl> 176, 222, 233, 322, 270, 235, 90, 119, 246, 47, ...
$ total_patients   <dbl> 59819, 125186, 117824, 142445, 107977, 91046, 53...
$ week_start       <date> 2013-10-07, 2013-10-07, 2013-10-07, 2013-10-07,...
```