```
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,...
```

```r
update_geom_font_defaults(font_rc)
theme_set(theme_ipsum_rc(grid = "XY", strip_text_face = "bold"))


select(ili, week_start, starts_with("age")) %>%
  select(-age_25_64) %>%
  gather(group, ct, -week_start) %>%
  mutate(group = factor(group, levels = c("age_0_4", "age_5_24", "age_25_49", "age_50_64", "age_65"),
                        labels = c("Ages 0-4", "Ages 5-24", "Ages 25-49", "Ages 50-64", "Age 65+"))) %>%
  ggplot(aes(week_start, ct, group = group)) +
  stat_xspline(geom = "area", aes(color = group, fill = group), size = 2/5, alpha = 2/3) +
  scale_x_date(expand = c(0,0), date_labels = "%b\n`%y") +
  scale_y_comma() +
  scale_color_ipsum() +
  scale_fill_ipsum() +
  labs(
    x = NULL, y = "(weekly)\n# Patients Reported",
    title="Weekly reported Influenza-Like Illness (ILI) — U.S./National by Age Group",
    subtitle="All age groups except 5-24 are reporting larger number of cases this season than the previous four seasons",
    caption="Flu Seasons 2013-14 / 2014-15 / 2015-16 / 2016-17 / 2017-18\nSource: CDC/#rstats cdcfluview"
  ) +
  facet_wrap(~group, scales = "free_x", nrow = 2) +
  theme(axis.text.x = element_text(size = 9)) +
  theme(legend.position = "none")
```