

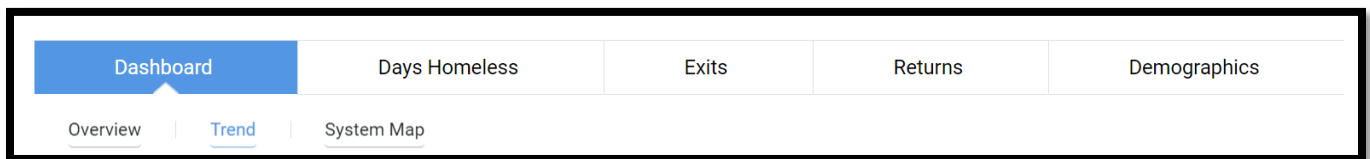
STELLA P TRENDS DATA GUIDE



This guide describes the performance trend data available in Stella P.

TREND DATA AVAILABLE IN STELLA P

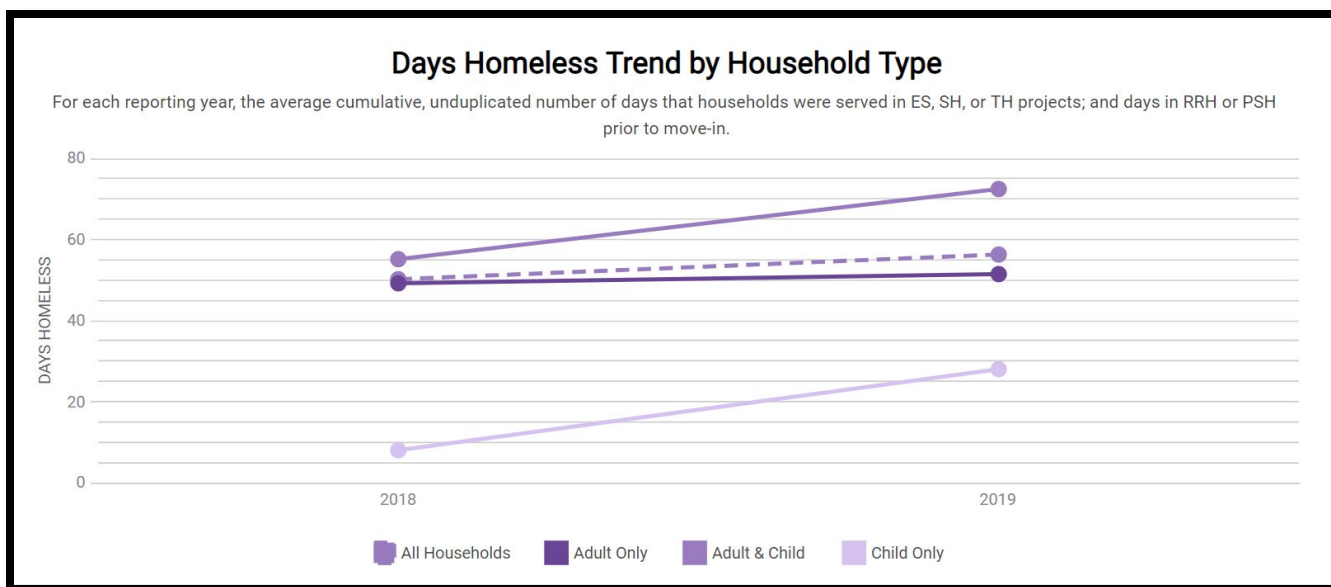
Stella P includes three-year trends for three key performance measures: Days Homeless, Exits, and Returns. Stella can be used to view LSA data for official and local LSA datasets. Users can access trend data from the **Dashboard Trend** page in Stella P as well as the Overview page for each performance measure.



The reporting year for official LSA datasets is October 1 through September 30th, but users can specify different reporting periods for local datasets. Trend data can be viewed for official and local LSA datasets, but trends are most meaningful when examining a 12-month period. The trend charts have some limitations when viewing local LSA datasets.

Three-year trend data for Exits and Returns is available for all LSA datasets, since each LSA dataset includes the “look-back” data needed to calculate these measures. However, three-year trend data for Days Homeless is only available for “official” LSA datasets and therefore is only available for the years in which the CoC has Stellavised official datasets. For example, assume a CoC has 2019 and 2020 Stellavised LSA data, but has not Stellavised 2018 data. When viewing their 2020 dataset, the CoC would see the **Exits to Permanent Housing Trend** charts for the 2018, 2019, and 2020 reporting years, but the **Days Homeless Trend** chart would only include the 2019 and 2020 Days Homeless information.

This image shows the Days Homeless Trend by Household Type line graph. For each reporting year, the average cumulative, unduplicated number of days that households were served in ES, SH, or TH projects; and days in RRH or PSH prior to move-in. The chart shows Days Homeless data for 2018 and 2019 for each household type: All Households, Adult Only, Adult & Child, and Child Only.



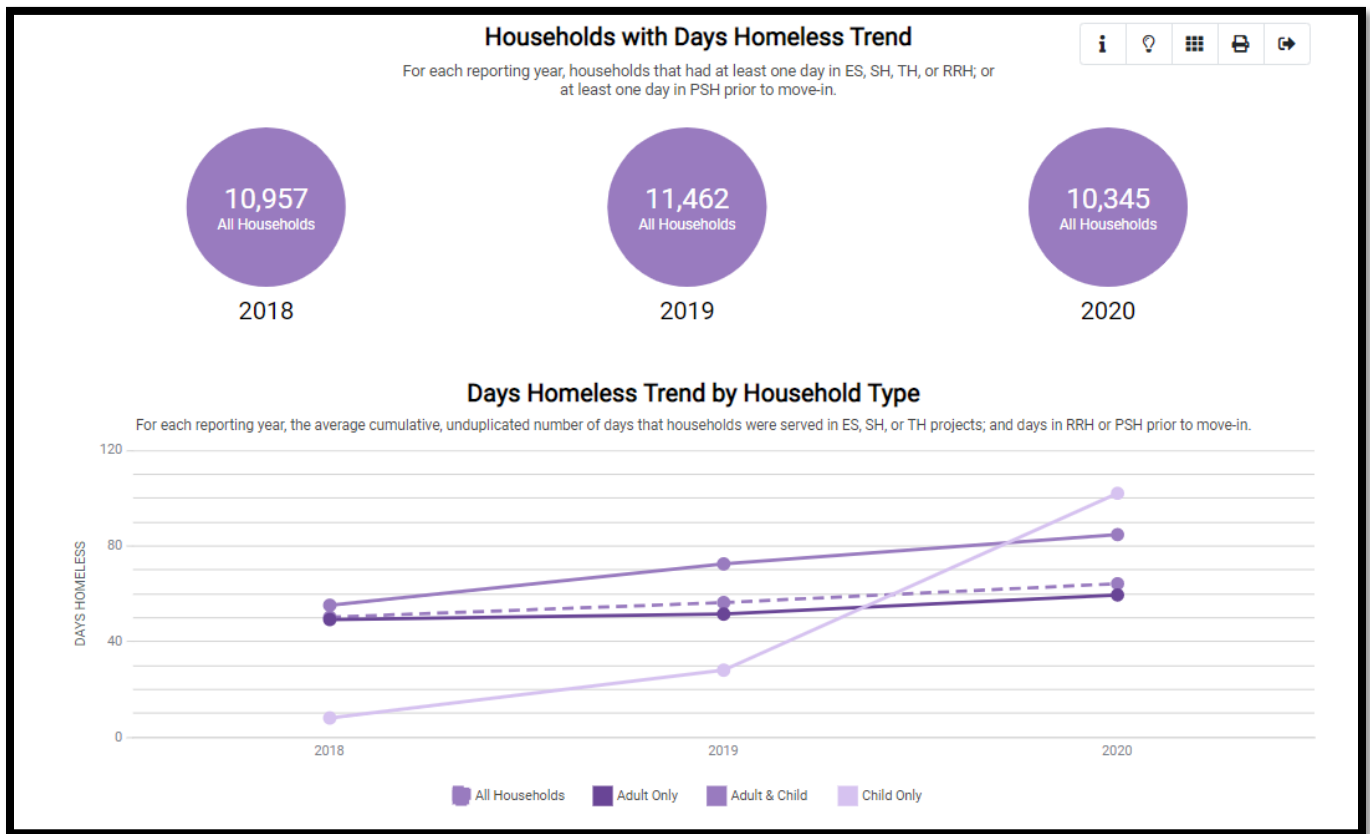
When looking at trend data in Stella P, it is important to consider HMIS coverage rates for each project type and household type, and how changes in data quality and participant from year to year may impact the performance data and interpretation of trends.

HOUSEHOLDS WITH DAYS HOMELESS TRENDS

For each reporting year, the **Households with Days Homeless Trend** chart shows the number of households that had at least one day in ES, SH, TH, or RRH; or at least one day in PSH prior to move-in. While this data is helpful to understand how many people the system is serving over the course of a year, it is important to view this in context of other local data sources such as PIT count and coordinated entry system data to get a more comprehensive view of the prevalence of homelessness in the community. In the example below, we see that there was an increase in the number of households with Days Homeless between 2018 and 2019, and a decrease between 2019 and 2020. Since the LSA reflects people served by projects, increases and decreases could reflect changes in project capacity versus changes in the number of households experiencing homelessness. For example, the decrease in 2020 shown in the example could reflect reduced shelter capacity associated with COVID-19 decompression, and there may have been an increase in unsheltered homelessness as a result, which would not be reflected within LSA data.

Below the **Households with Days Homeless Trend** chart, a line graph trend chart displays how long the households experience homelessness. For each reporting year, the **Days Homeless Trend by Household Type** shows the average cumulative, unduplicated number of days that households were served in ES, SH, or TH projects and days in RRH or PSH prior to move-in, including continuous time in these projects prior to each report period back to 10/1/2012. Periods of less than seven days between project enrollments are not considered a break in the continuity of homelessness and are included within the count of Days Homeless. Days Homeless reported in these charts does not include self-reported time homeless. The dashed line shows the trend for All Households and the solid lines

show the trends for each of the three distinct household types. Viewers can toggle on or off the lines, by clicking on the legend, for a focused view and can hover over the chart for the data details. In this sample we see a moderate upward trend in the average number of days homeless for all households and a sharper upward trend for Adult and Child and Child Only households.



Using the chart toolbar, a user can click on the grid icon to switch from the line chart to a tabular view.



The tabular view displays the number of households in each household type as well as the average days homeless for each reporting year. In this example, we see a big increase in Days Homeless for Child Only households, but there are few Child Only households in the system. Please keep data limitations in mind when interpreting and using Stella P analysis. The user would click on the bar chart icon to toggle back to the chart view of the data.

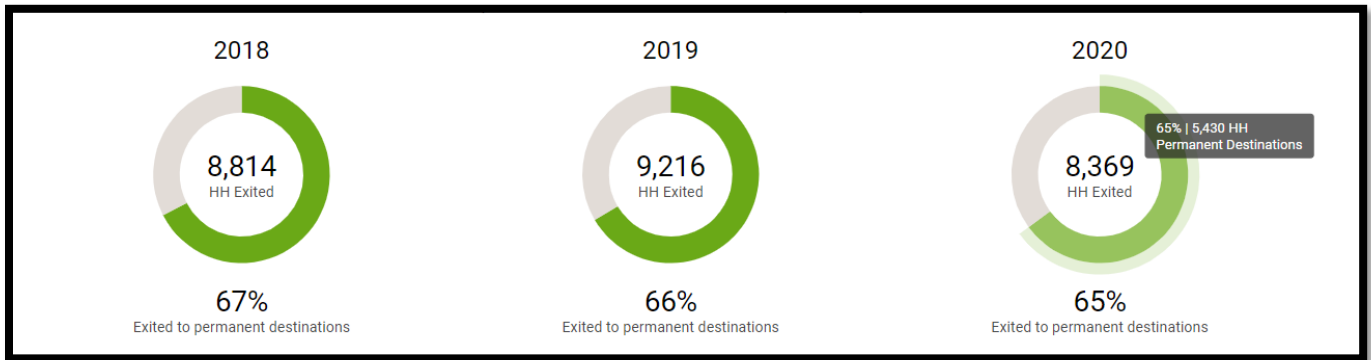
Households with Days Homeless Trend

For each reporting year, households that had at least one day in ES, SH, TH, or RRH; or at least one day in PSH prior to move-in.

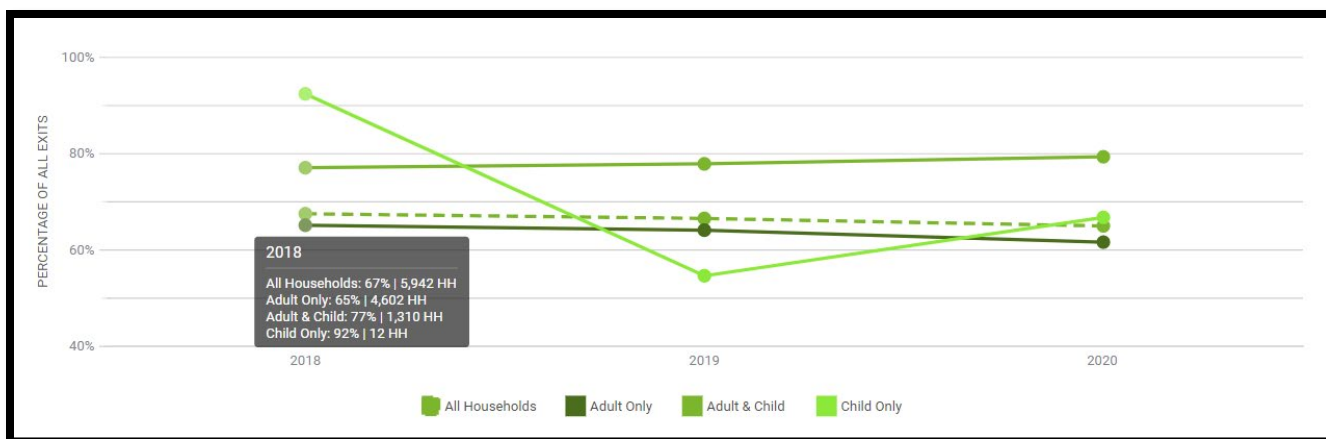
Reporting Year	All Households DAYS	All Households HH	Adult Only DAYS	Adult Only HH	Adult & Child DAYS	Adult & Child HH	Child Only DAYS	Child Only HH
2018	50	10,957	49	8,557	55	2,349	8	15
2019	56	11,462	51	9,020	72	2,397	28	13
2020	64	10,345	59	8,167	85	2,125	102	14

EXITS TRENDS

There are two visuals that highlight whether annual exits to permanent housing have increased, decreased, or stayed the same over the past three years. The first set of charts shows three “rings.” Each ring represents the universe of households that exited the homeless system during the report period, shown in the center of the ring. The percent of households that exited to permanent destinations is shown below each ring and represented by the green sub-section of each ring. The number of households who exited to permanent destinations is displayed in hover text.



The line chart below the ring charts shows three-year trends for all households (dashed line) and for each of the three distinct household types (solid lines). As with the **Days Homeless Trend** chart, viewers can toggle on or off the lines for a focused view and hover over the chart for the data details. In this example, we see the exits to permanent housing for Adult & Child households trending slightly upward in contrast to the exits to permanent housing for Adult Only households trending slightly downward.

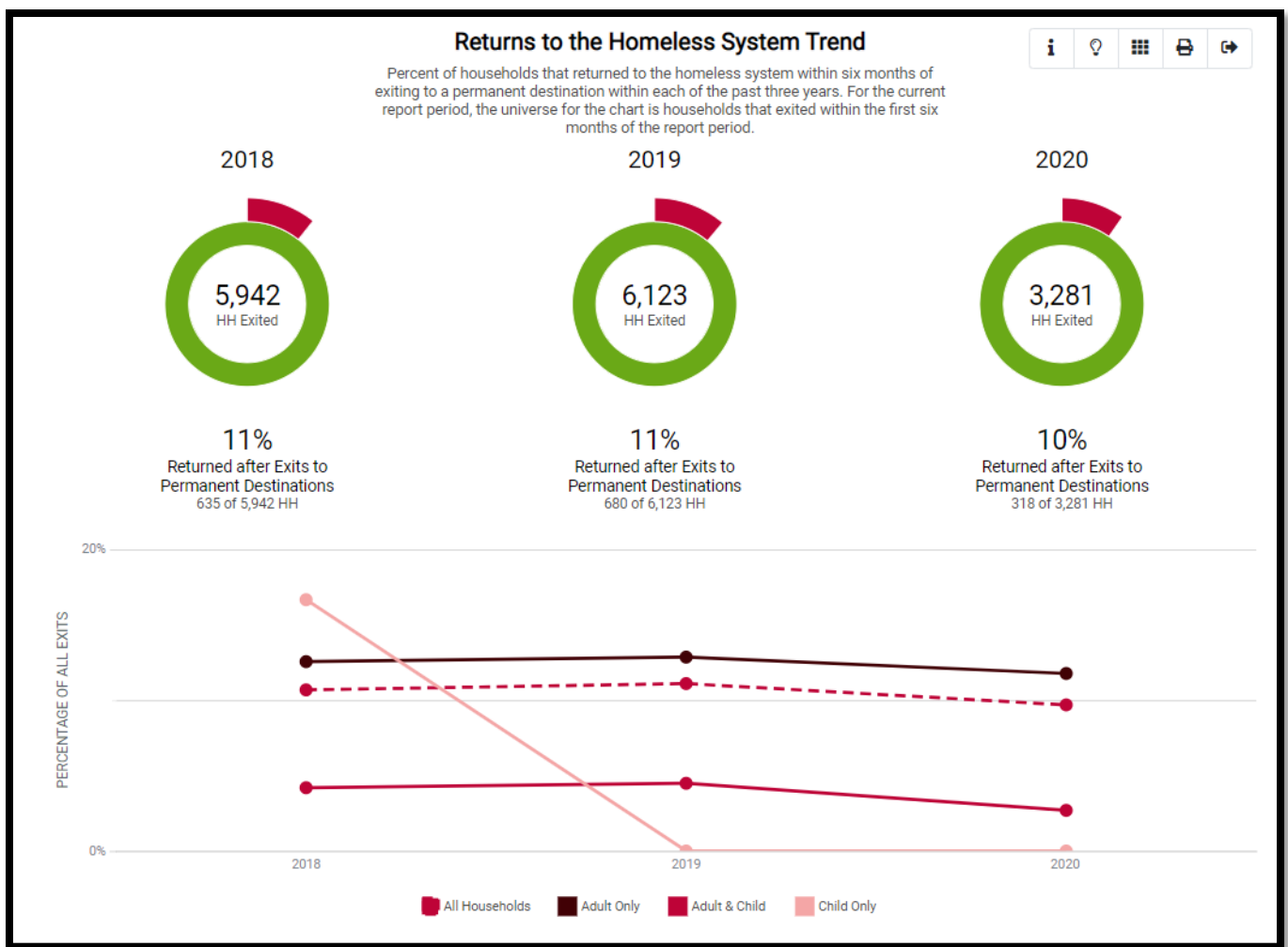


RETURNS TRENDS

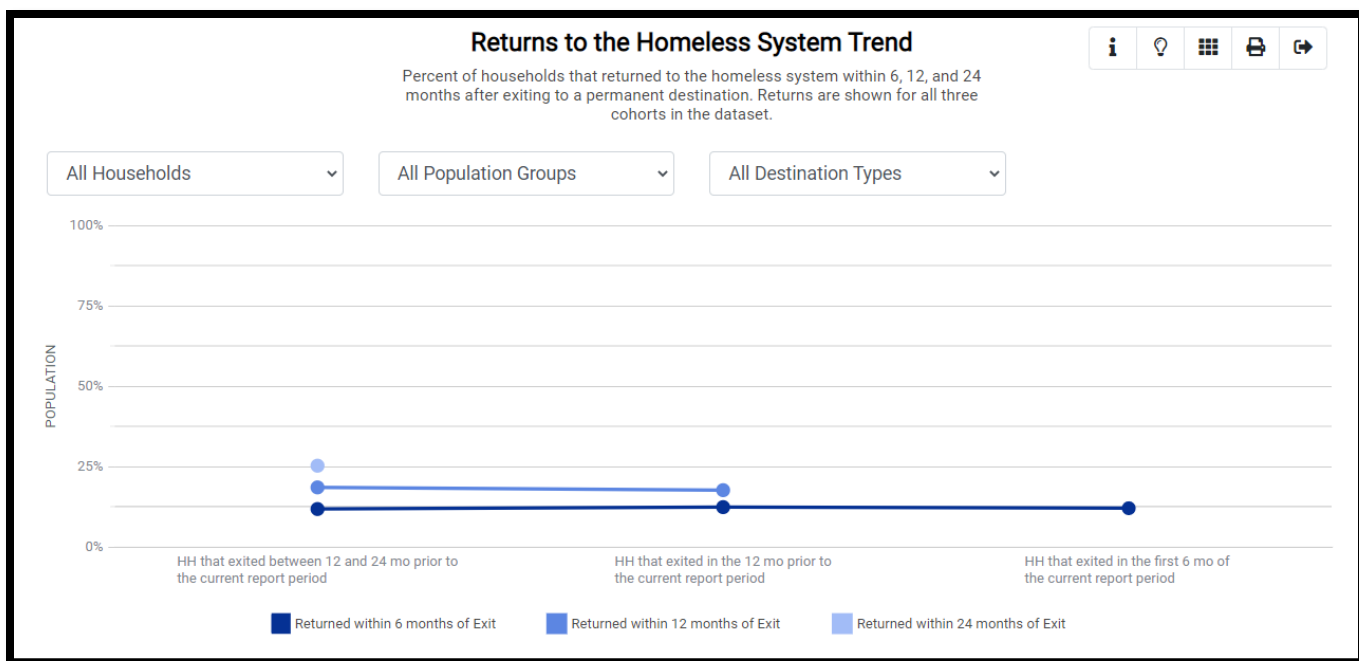
The **Returns to the Homeless System Trend** displays two sets of charts. The first returns trend chart shows three “rings”. Each green ring represents the universe of households that exited to a permanent destination within the reporting period. (Each group of households that exited the homeless system during a defined time period is called an exit cohort.) The outside red ring segment represents the percent of those who exited who then returned to the homeless system within six months of exiting to a permanent destination. The three rings provide a side-by-side comparison to examine the percent of returners for the reporting year in relation to percent that returned associated with the two previous report periods.

The Returns section of Stella P provides more a more complete view of returns data for the complete exit cohort associated with each of these reporting periods, but the trends chart focuses only on households within each exit cohort that exited to permanent destinations. For the most recent year, the exit cohort is households that exited within the first six months of the report period, while the previous years’ exit cohorts include returns data for households that exited to permanent housing throughout the entire 12-month report period. For all three exit cohorts, the **Returns to the Homeless System Trend** chart shows the households that returned to the homeless system within six months of exiting to a permanent destination. This six-month timeframe to measure returns is the standard timeframe that HUD uses to measure returns, although select charts in Stella P include information on returns that occur over longer timeframes.

The **Returns to the Homeless System Trend** line chart shows the six-month returns trends for all households and for each household type for each of the three exit cohorts (households that exited in the first half of the current report period, households that exited in the year before the current report period, and households that exited in the year before that one). Viewers can toggle on or off the lines for a focused view and hover over the chart for the data details.



An additional returns trend chart is shown on the **Returns Overview** page in Stella P. This chart shows the percent of all households who returned to the homeless system for each exit cohort with an extended time period to measure returns. This trend chart also allows users to see return rates for households that exit to non-permanent or unknown destinations. The default view for this chart is returns after exits to all destination types, but the chart can be filtered to show permanent, temporary, or unknown destination types. The chart can also be filtered by household type and population group.



Additional Resources

Still have questions? Visit the ***Stella resources page*** on the HUD Exchange for additional tools and guidance for making the most out of ***Stella***.

<https://www.hudexchange.info/homelessness-assistance/stella/>