

ALLEGHENY COUNTY DEPARTMENT OF HUMAN SERVICES



QUICK COUNT

Allegheny County Analytics
Office of Analytics, Technology and Planning



AGENDA

- Introduction
- Basic Selection and Filtering
 - Selection Screen
 - Make a Selection –required elements
 - Results Screen – Basic Count
 - Selection - Add Demographic Filters
 - Results – Demographic Filters Added
 - Selection - Add Geography Filters
 - Results – Geography Filters Added
- Advanced Selection
 - Selection – Add a Comparison Program
 - Results – Comparison Program Added
 - Selection – Add a Program Filter
 - Results – Program Filter Added
- Resources



INTRODUCTION

- First time users will be directed to the splash screen
- “**Get Started**” opens the application
- No login is required
- Return here for additional help

Allegheny County Department of Human Services

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QuickCount

Welcome to the Allegheny County Department of Human Services QuickCount Tool

QuickCount allows users to identify the number of participants in a wide range of services using data from the DHS Data Warehouse.

Users can sort by time period, view participation in multiple services, and filter counts demographically and geographically.

GET STARTED

Users will be redirected to this page every 30 days, or can access it directly at any time by clicking "Help".

No login is needed to use QuickCount.

Getting a QuickCount of program participation is easy

Get instant insights with best-fit visualizations

BASIC SELECTION & FILTERING: SELECTION SCREEN

Selection Search area

Required

Time Period

Program (Primary)

Optional

Demographics

Geography

Political Districts

Filters Applied area

Displays list of current selections

May be used to clear individual selections

Actions

Guided Steps and other actions

...across the top...

5 selection tabs with dependent options

...on the right...

List of selections

The screenshot shows the 'Quick Count' application interface. At the top, there is a header with the 'Quick Count' logo and links for 'Contact Us' and 'Help'. Below the header is a selection area with five tabs: 'TIME PERIOD*', 'PROGRAM*', 'DEMOGRAPHICS OPTIONAL', 'GEOGRAPHY OPTIONAL', and 'POLITICAL DISTRICT OPTIONAL'. The 'TIME PERIOD*' tab is selected and expanded, showing a 'CALENDAR YEAR' section with three buttons for '2018 Calendar Year', '2017 Calendar Year', and '2016 Calendar Year'. To the right of the selection area is a 'Filters Applied' section, which is currently empty. At the bottom right of the selection area, there is a 'Next Step Program' button with a right-pointing arrow.

...at the bottom... Guided Steps



BASIC SELECTION & FILTERING: MAKE A SELECTION – BASIC COUNT

How many clients **were active** with **DHS** in **2017**?

Selection Search area

Time Period => Calendar Year

- choose **2017**

Program => Primary Program

- choose All Human Services
- Make sure Active/Ever Active toggle is marked **Active**
- then choose **Department of Human Services**

*Navigate within the [program list](#) or go [Back to Category View](#)

Filters Applied area

Selections have been added

Actions

- Click **Get Count** (now available)

The Result Screen will open

Hint:

Active refers to the time period chosen. In this example, Active = active in 2017.

The screenshot displays the 'Quick Count' web application interface. At the top, there's a navigation bar with the 'Quick Count' logo, 'Contact Us', and 'Help' links. Below this is a filter section with tabs for 'TIME PERIOD*', 'PROGRAM*', 'DEMOGRAPHICS OPTIONAL', 'GEOGRAPHY OPTIONAL', and 'POLITICAL DISTRICT OPTIONAL'. The 'PROGRAM*' tab is active, showing a 'PRIMARY PROGRAM*' dropdown menu. The dropdown is open, displaying a list of categories: 'Back to Category View', 'Child Welfare', 'Criminal and Juvenile Justice', 'Early Childhood and Education Services', 'Homelessness and Housing', 'Older Adults', 'Physical and Behavioral Health', 'Self Sufficiency', 'Vital Statistics', and 'All Human Services'. The 'All Human Services' category is selected, and its sub-items are visible: 'All Human Services' (with a description 'All publicly-funded human services.'), 'Department of Human Services' (highlighted), and 'Non-DHS Services'. To the right of the dropdown, there's a 'Filters Applied' panel showing 'Time Period' set to 'Calendar Year 2017' and 'Primary Program' set to '(Active) Department of Human Services'. At the bottom of the interface, there's a 'Previous Step' button (labeled 'Time Period'), a 'Get Count' button, a 'Reset Selection' button, and a 'Next Step' button (labeled 'Demographics').

...at the bottom... Guided Steps



BASIC SELECTION & FILTERING: RESULTS SCREEN – BASIC COUNT

...across the top... 4 selection tabs

Results area

Charts and graphs by

Program

Legal Sex

Age

Race

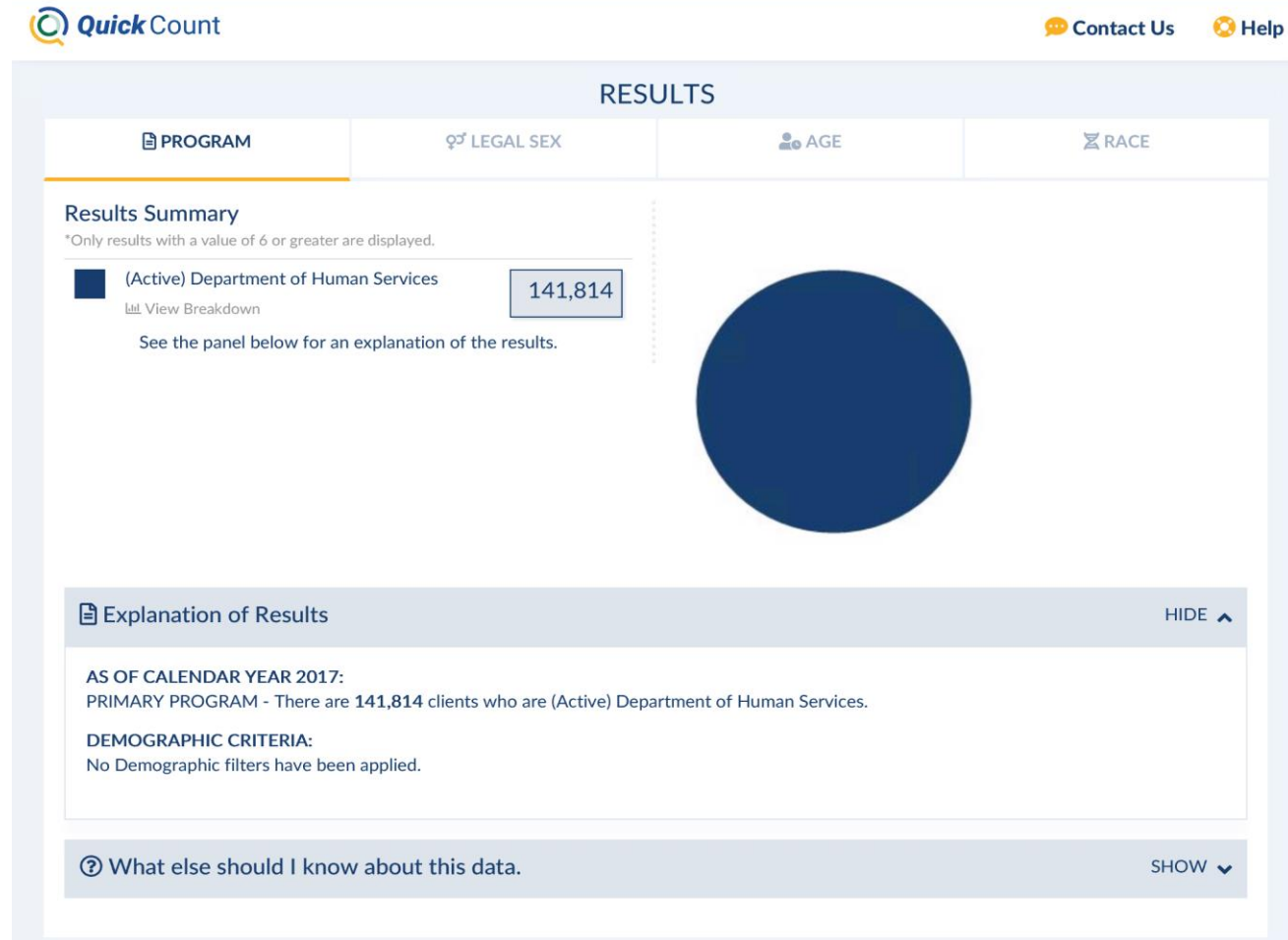
switch tabs to view charts and graphs for Legal Sex, Age, and Race

Explanation of Results

Toggle to **Show/Hide** the detailed result explanation

What Else...

Provides additional details about the data including data lag and availability



BASIC SELECTION & FILTERING: SELECTION – ADD DEMOGRAPHIC FILTERS

How many clients **were active** with **DHS** in **2017** and **were** between the ages of **18-29**?

Selection Search area

Demographics => Age

- choose **18 Years, 19 Years, 20 Years, 21 Years, 22 Years, 23 Years, 24 Years, 25 Years, 26 Years, 27 Years, 28 Years, 29 Years**

Filters Applied area

Selections have been added

Actions

- Click **Get Count**

A NEW Result Screen will open

Hint:

Each time **Get Count** is selected, an additional Result Screen will open.

The screenshot displays the 'Quick Count' application interface. At the top, there are navigation links for 'Contact Us' and 'Help'. The main interface is divided into several sections: 'TIME PERIOD*', 'PROGRAM*', 'DEMOGRAPHICS OPTIONAL', 'GEOGRAPHY OPTIONAL', and 'POLITICAL DISTRICT OPTIONAL'. The 'DEMOGRAPHICS' section is expanded, showing a grid of age filters. The 'AGE' filter is selected, and a list of ages from 4 to 48 is displayed. The ages 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, and 29 are highlighted in orange, indicating they are selected. The 'Filters Applied' section on the right shows the selected filters: 'Time Period' (Calendar Year 2017), 'Primary Program' (Active) Department of Human Services, and 'Age' (18 Years, 19 Years, 20 Years, 21 Years, 22 Years, 23 Years, 24 Years, 25 Years, 26 Years, 27 Years, 28 Years, 29 Years). At the bottom, there are buttons for 'Previous Step Program', 'Get Count', 'Reset Selection', and 'Next Step Geography'.

TIME PERIOD*	PROGRAM*	DEMOGRAPHICS OPTIONAL	GEOGRAPHY OPTIONAL	POLITICAL DISTRICT OPTIONAL	Filters Applied
		AGE			Time Period Calendar Year 2017
		4 Years			Primary Program (Active) Department of Human Services
		5 Years			Age 18 Years
		6 Years			19 Years
		7 Years			20 Years
		8 Years			21 Years
		9 Years			22 Years
		10 Years			23 Years
		11 Years			24 Years
		12 Years			25 Years
		13 Years			26 Years
		14 Years			27 Years
		15 Years			28 Years
		16 Years			29 Years
		17 Years			
		18 Years ✓			
		19 Years ✓			
		20 Years ✓			
		21 Years ✓			
		22 Years ✓			
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		35 Years			
		36 Years			
		37 Years			
		38 Years			
		39 Years			
		40 Years			
		41 Years			
		42 Years			
		43 Years			
		44 Years			
		45 Years			
		46 Years			
		47 Years			
		48 Years			

Previous Step Program **Get Count** Reset Selection Next Step Geography

BASIC SELECTION & FILTERING: RESULTS – DEMOGRAPHIC FILTERS ADDED

Results area

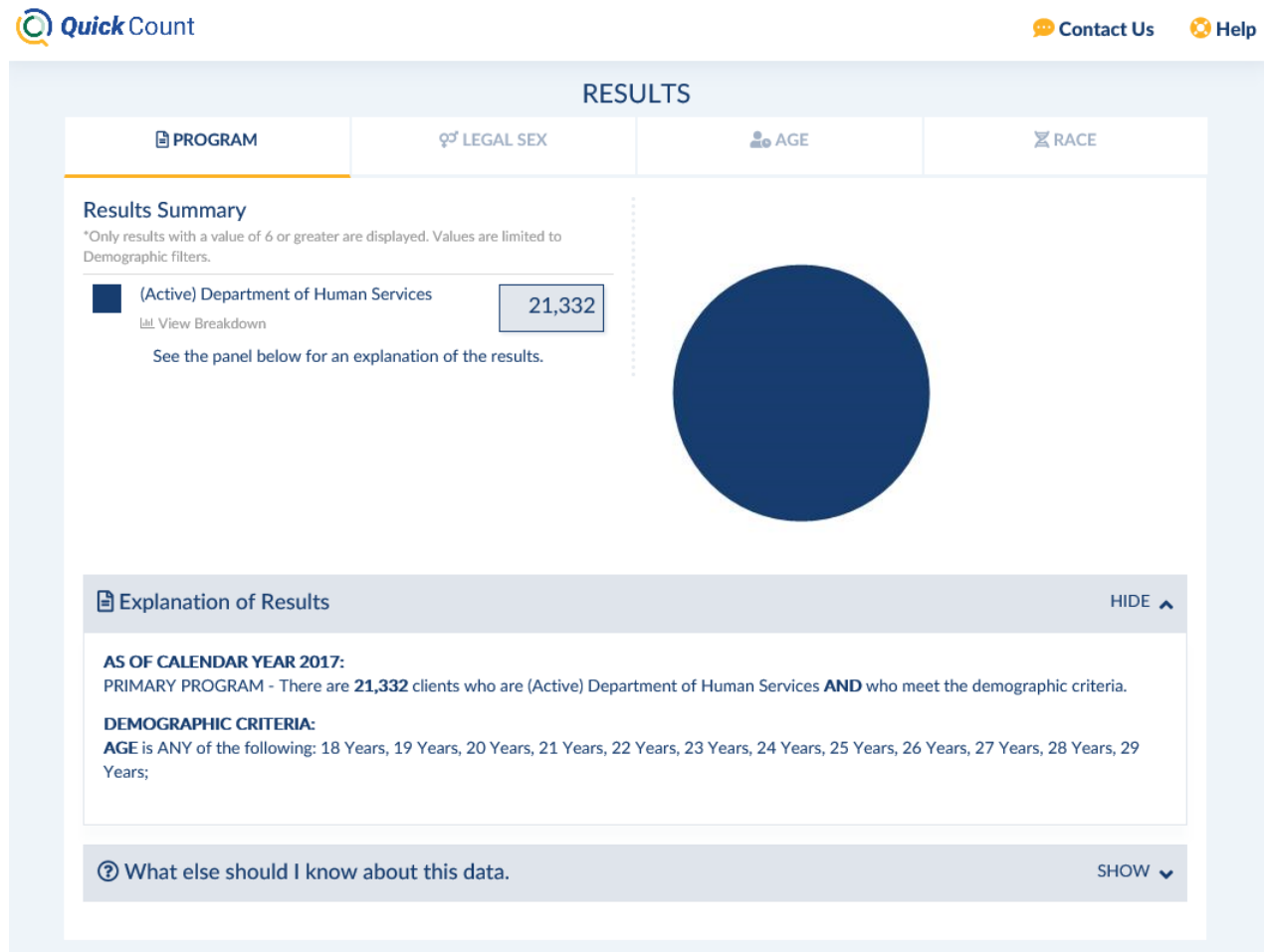
Results have changed.
There is now less data
because values are limited to
the demographic filters.

In this case, clients between
the ages of 18-29.

Explanation of Results

The narrative has changed to
include the demographic
criteria that was applied.

Reminder: switch tabs to
view charts and graphs for
Legal Sex, Age, and Race.



BASIC SELECTION & FILTERING: SELECTION – ADD GEOGRAPHIC FILTERS

How many clients **were active** with **DHS** in **2017**, **were** between the ages of **18-29** and **lived** in **Penn Hills** and **surrounding areas**?

Selection Search area

Geography => Municipality

- Choose **Penn Hills** and surrounding areas from the list
- Or
- Select **Penn Hills** and surrounding areas on the interactive map

Filters Applied area

Selections have been added (scroll bar is available)

Actions

- Click **Get Count**

The Result Screen will open

Hint:

The text box above the selection list now reads “(selected)” because the list is displaying the current selections. Simply delete the text “(selected)” to view the entire list again.

The screenshot displays the 'Quick Count' application interface. At the top, there are links for 'Contact Us' and 'Help'. The main navigation bar includes 'TIME PERIOD*', 'PROGRAM*', 'DEMOGRAPHICS OPTIONAL', 'GEOGRAPHY OPTIONAL' (which is highlighted), and 'POLITICAL DISTRICT OPTIONAL'. Below this, there are four tabs: 'MUNICIPALITY' (selected), 'SCHOOL DISTRICT', 'NEIGHBORHOOD PITTSBURGH', and 'ZIP CODE'. The 'MUNICIPALITY' tab shows a list of municipalities with radio buttons next to each name, all of which are marked as '(selected)'. The list includes Churchill, Monroeville, Oakmont, Penn Hills, Plum, Verona, Wilkins, and Wilkinsburg. To the right of the list is a map of Allegheny County with several municipalities highlighted in orange. On the far right, there is a 'Filters Applied' section with a scrollable list of age ranges from 20 to 29 years, and a 'Municipality' section with a scrollable list of the same municipalities. At the bottom, there are buttons for 'Previous Step Demographics', 'Get Count' (highlighted in orange), 'Reset Selection', and 'Next Step Political District'.

BASIC SELECTION & FILTERING: RESULTS – GEOGRAPHIC FILTERS ADDED

Results area

Results have changed. There is now less data because values are limited to the demographic filters and geographical filters.

In this case, clients between the ages of 18-29 who lived in Penn Hills or surrounding areas.

Explanation of Results

The narrative has changed to include the demographic criteria that was applied.

Reminder: switch tabs to view charts and graphs for Legal Sex, Age, and Race.



ADVANCED SELECTION: SELECTION - ADD A COMPARISON PROGRAM

How many clients **were active** with **DHS** in **2017**, ~~were between the ages of 18-29 and lived in Penn Hills and surrounding areas~~ or **were Ever Active as Children Associated with a Child Welfare Case?**

Selection Search area

Program => Comparison Program

- choose Child Welfare
- Make sure Active/Ever Active toggle is marked **Ever Active**
- then choose **Children Associated with a Child Welfare Case**

Filters Applied area

Comparison Program has been added

Remove the filters

- **Select the ages 18-29**
- **Select the municipalities**

Actions

- Click **Get Count**

The Result Screen will open

Hint:

Ever Active refers to all time up to and including the time period chosen. In this example, Ever Active = all data through 2017.

The screenshot displays the 'Quick Count' application interface. At the top, there's a navigation bar with 'Quick Count' logo, 'Contact Us', and 'Help' links. Below this is a filter bar with tabs for 'TIME PERIOD*', 'PROGRAM*', 'DEMOGRAPHICS OPTIONAL', 'GEOGRAPHY OPTIONAL', and 'POLITICAL DISTRICT OPTIONAL'. The 'PROGRAM*' tab is active, showing 'PRIMARY PROGRAM*' and 'COMPARISON PROGRAM' sections. The 'COMPARISON PROGRAM' section is expanded, showing a list of categories on the left and a detailed view on the right. The 'Child Welfare' category is selected, and the 'Ever Active' toggle is chosen. The detailed view for 'Child Welfare' shows a description and a list of sub-categories, with 'Children Associated with a Child Welfare Case' highlighted. On the right side, a 'Filters Applied' panel shows the current selections: 'Time Period' (Calendar Year 2017), 'Primary Program' (Active) Department of Human Services, and 'Comparison Program' (Ever Active) Children Associated with a Child Welfare Case. At the bottom, there are buttons for 'Previous Step', 'Get Count', 'Reset Selection', and 'Next Step'.



ADVANCED SELECTION: RESULTS – COMPARISON PROGRAM ADDED

Results area

Results have changed. The filters are removed from the results, but there is also more program data (195,634) due to the addition of the comparison program.

Originally the result (from the basic count) had **141,814** active with DHS in 2017.

Now there is 195,634 clients in the results - Participating in Either Program.

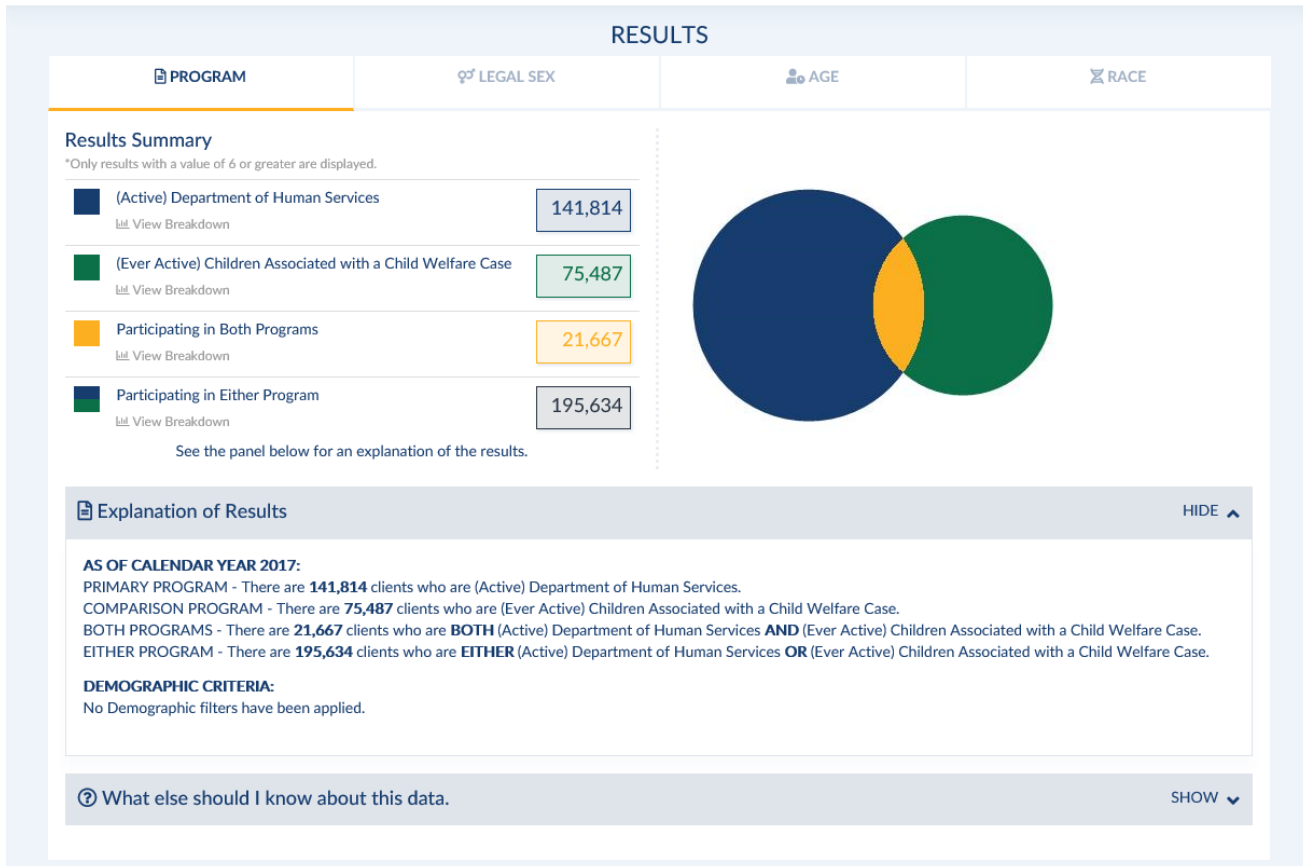
Of the **75,487** clients who were Ever Active as of 2017 as Children Associated with a Child Welfare Case (Comparison Program), **21,667** are active with DHS 2017.

Explanation of Results

The narrative has changed to exclude the demographic and geographic filters and to include the comparison program.



[Contact Us](#) [Help](#)



ADVANCED SELECTION: RESULTS – COMPARISON PROGRAM ADDED (CONT.)

Results area

Legal Sex, Age and Race breakdowns may be viewed simply by selecting the desired tab.

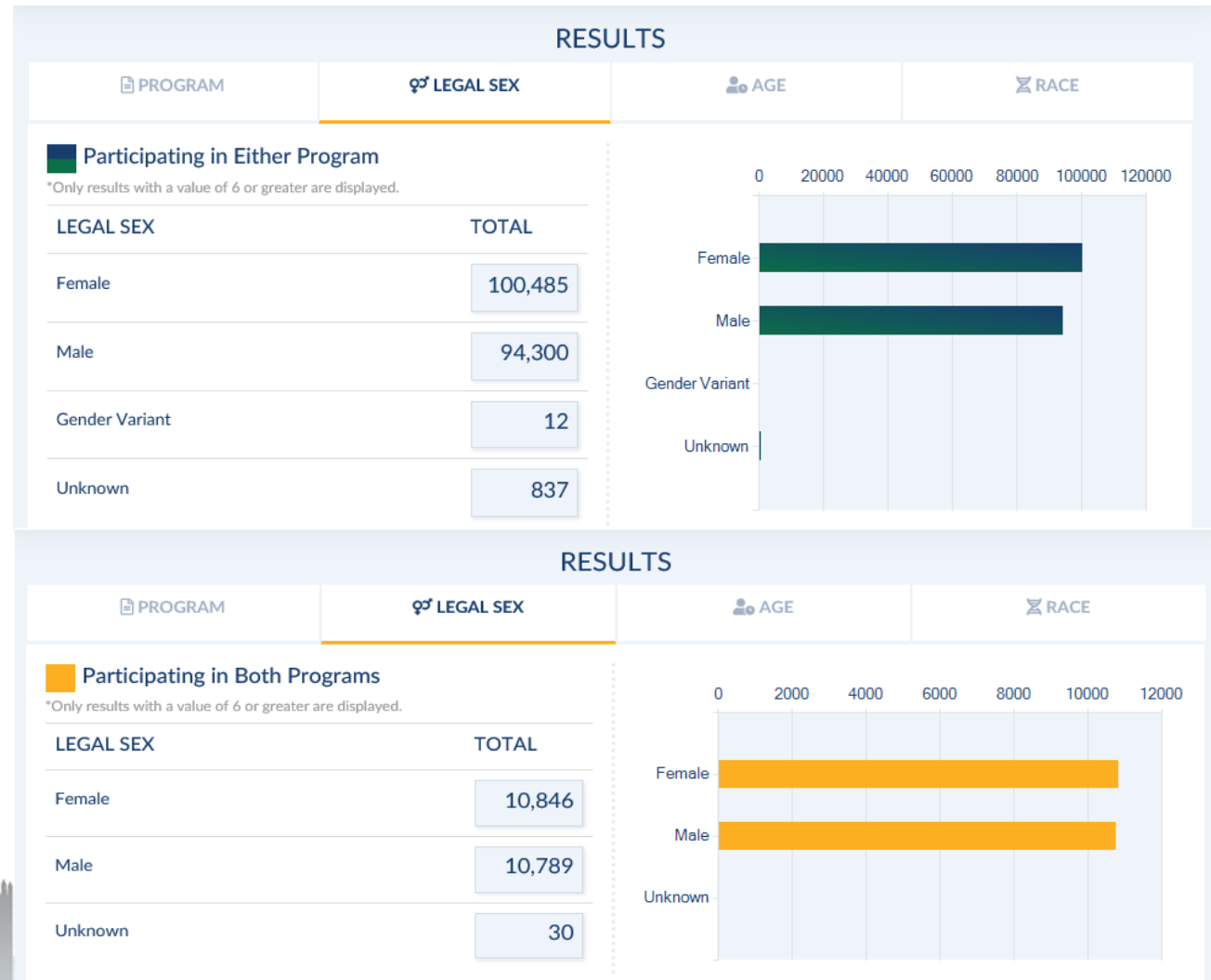
- Select Legal Sex. The breakdown for **Participating in Either Program** is displayed.
- Return to the Program tab
- Select View Breakdown *under Participating in Both Programs*. The breakdown has changed to those **Participating in Both Programs**.

Dynamic breakdowns for Legal Sex, Age and Race can be Viewed for **Primary Program**, **Comparison Program**, **Both Programs** or **Either Program**.

Hint: Values less than 6 are not included.



[Contact Us](#) [Help](#)



ADVANCED SELECTION: SELECTION – ADD A PROGRAM FILTER

How many clients **were active** with **DHS** in 2017 or were **Ever Active** as **Children Associated with a Child Welfare Case - AND were Medicaid Insured in 2017?**

Selection Search area

Program => Program Filter

- choose Self Sufficiency
- Make sure Active/Ever Active toggle is marked **Active**
- then choose **Medicaid Insured**

Filters Applied area

Program Filter has been added

Actions

- Click **Get Count**

The Result Screen will open

Hint:

The Program Filter is applied to all selections – programs, demographic and geographic filters.

The screenshot displays the 'Quick Count' application interface. At the top, there's a navigation bar with the 'Quick Count' logo and links for 'Contact Us' and 'Help'. Below this is a search area with tabs for 'TIME PERIOD*', 'PROGRAM*', 'DEMOGRAPHICS OPTIONAL', 'GEOGRAPHY OPTIONAL', and 'POLITICAL DISTRICT OPTIONAL'. The 'PROGRAM*' tab is selected, showing sub-tabs for 'PRIMARY PROGRAM*', 'COMPARISON PROGRAM', and 'PROGRAM FILTER'. The 'PROGRAM FILTER' sub-tab is active, displaying a list of program categories on the left and a list of specific programs on the right. The 'Active' radio button is selected, and the 'Medicaid Insured' program is highlighted. The 'Filters Applied' sidebar on the right shows the current selection: 'Time Period: Calendar Year 2017', 'Primary Program: (Active) Department of Human Services', 'Comparison Program: (Ever Active) Children Associated with a Child Welfare Case', and 'Program Filter: (Active) Medicaid Insured'. At the bottom, there are buttons for 'Previous Step Time Period', 'Get Count', 'Reset Selection', and 'Next Step Demographics'.

ADVANCED SELECTION: RESULTS – PROGRAM FILTER ADDED

Results area

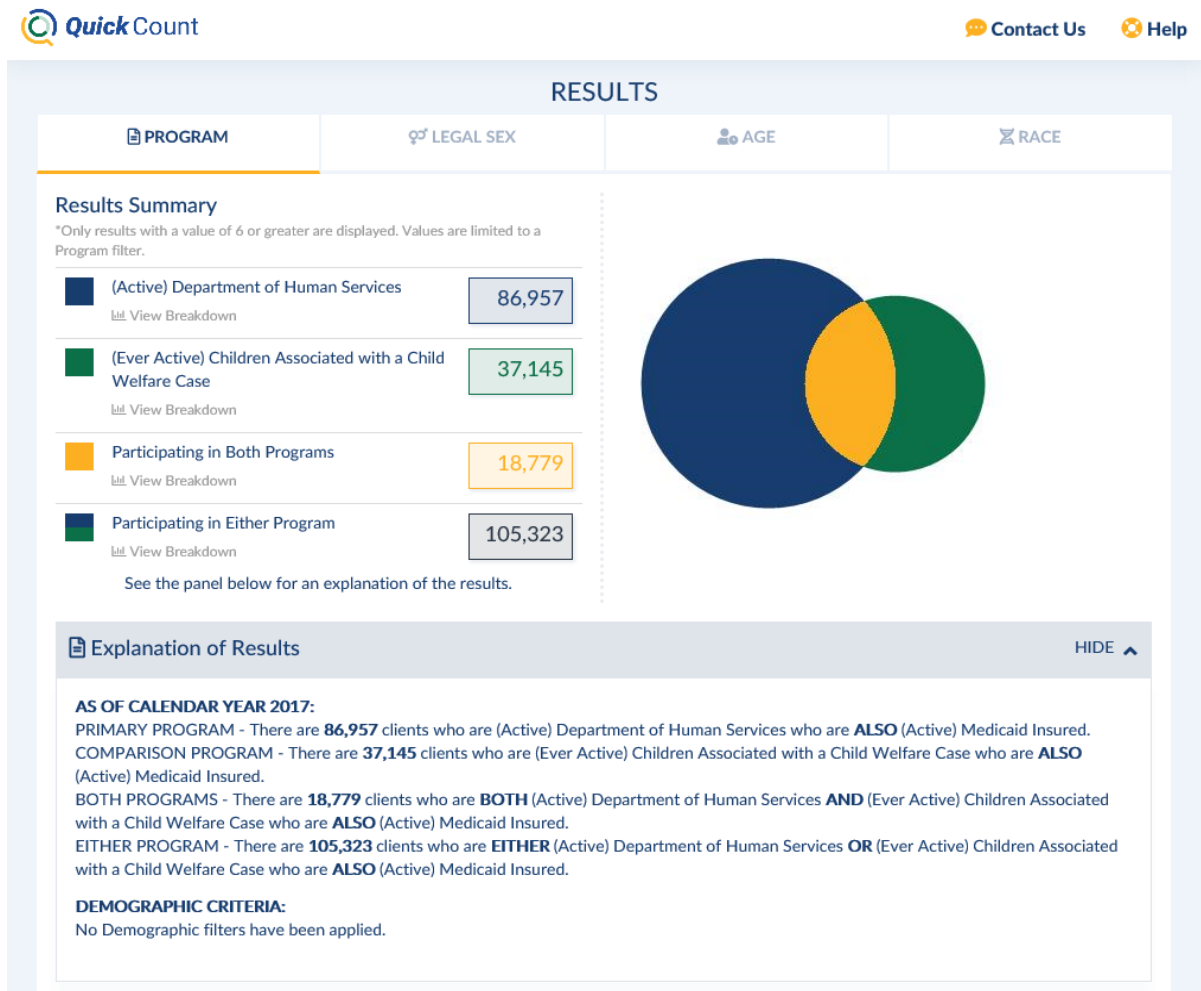
Results have changed.
There is less data due to the addition of the program filter.

All values are limited by the Program Filter.

Breakdown tabs are also filtered.

Explanation of Results

The narrative has changed to include the program filter in the description of each program / program combination.



RESOURCES

Help is available

within the application
in the top right corner

[Contact Us](#)

[Help](#)

on the Program selection screen

The **information icon** found on the program cards can be flipped for a description of the data

The **Download** button will provide a list of all programs available and additional details such as any known data lag or restriction

Hovering over a selectable program will provide a tool tip data description for that program

outside of the application

Allegheny County Analytics

<https://www.alleghenycountyanalytics.us/>

under the Tools menu



[Contact Us](#) [Help](#)

The screenshot displays the Quick Count application interface. At the top, there are filters for TIME PERIOD*, PROGRAM*, DEMOGRAPHICS OPTIONAL, GEOGRAPHY OPTIONAL, and POLITICAL DISTRICT OPTIONAL. Below these are tabs for PRIMARY PROGRAM*, COMPARISON PROGRAM, and PROGRAM FILTER. The main area shows a grid of program cards, each with an information icon (i) and a download icon (Download). The cards include: Criminal and Juvenile Justice, Early Childhood and Education Services, Homelessness and Housing, Older Adults, Physical and Behavioral Health, Self Sufficiency, Vital Statistics, and All Human Services. A tooltip is shown for the 'Child Welfare' program, providing a detailed description: 'Services designed to prevent/address the neglect/maltreatment of children and youth under age 18; Includes parents associated with a child welfare case; Includes services provided to transition-aged youth (18 through 24). Children Associated with a Child Welfare Case'. The tooltip also includes a 'Transition Age Youth' section.