

Section 8 Deconcentration Analysis Reports Guide

**Public and Indian Housing Information Center (PIC)
Form-50058 Module**

December 2006



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1. Summary

NOTE: This guide reflects the function of the Section 8 Deconcentration Analysis Report as of December 2006. The reports contained in the Form-50058 Module are being reviewed to determine future enhancements and/or corrections.

The *Section 8 Deconcentration Analysis Report* summarizes information about Voucher and Certificate families with children as they are housed in census tracts. This report provides insight into how the Public Housing Agency (PHA) encourages families to locate in areas with low poverty rates.

The *Section 8 Deconcentration Analysis Report* is divided into three sections, each with subsections:

- Families
 - Percent of families by poverty rate
 - Percent of new families by poverty rate
- Assistance
 - Concentration of families receiving tenant-based assistance
 - Concentration of families receiving HUD-based assistance
- Owners
 - Number of owners by unit count
 - Number of owners for new families by unit count

The statistics are based on the 2000 Census and will be updated when future census information becomes available.

This guide helps users to:

- Understand Form HUD-50058 report data fields
- Interpret and use the data contained in the report

2. Report Applications

There are a variety of different uses for Form-50058 Module reports. This section highlights some of the important data fields in the report and describes the ways Form-50058 Module users can use the data contained in this report.

2.1 PHA Uses for the Report

The *Section 8 Deconcentration Analysis Report* can be used to examine the economic environments where Section 8 Voucher and Certificate families live. The report provides data on tenant-based and HUD-based assisted families in a geographic area. Data from the *Section 8 Deconcentration Analysis Report* can help a PHA target its efforts to house Section 8 families in low poverty areas.

For example, from the *Section 8 Deconcentration Analysis Report*, one PHA discovered that it was close to meeting its goal, namely, that the majority of its Section 8 families live in low poverty areas (less than 20% poverty). After it analyzed the report for several months, the PHA discovered that the percentage of new families that received tenant-based assistance increased in one low poverty tract. Also, the number of owners assisting new families increased in the same area. The PHA used this information to evaluate the success of its Section 8 outreach efforts.

PHAs can monitor the figures in this report to determine if Section 8 families are concentrated in poorer areas. PHAs can monitor the figures in this report to determine if a small number of unit owners dominate the housing market.

2.2 HUD Uses for the Report

A major goal of HUD's Annual Performance Plan is to ensure that a certain percentage of low income families live in low poverty areas (which is defined as a geographic area with concentration of less than 20 percent low income families). HUD staff can access this information at a Field Office, state, and/or national level to assist with efforts to meet that goal. Field Office staff can use data from the *Section 8 Deconcentration Analysis Report* to identify PHAs in need of technical assistance to improve owner outreach efforts, or refine deconcentration strategies.

3. User Selection Criteria

Users can specify different geographic subsets and only families within the user selected criteria will be included in the report.

3.1 Program Type

Data is only available for one program type:

- S8 Certificates and Vouchers:
 - Field 1c of the Form HUD-50058 equals “CE” or “VO”, and
 - Section 11, 12, or 15 of the form is filled

3.2 Geographic Subset

This report aggregates information across families and is a Summary Report. It uses the census tract as the smallest unit of information. It is possible to make multiple choices (more than one PHA or census tract for example) within each area by pressing the control key while clicking on each selection. (The control key is only needed to make multiple selections.) Users can select any of the following levels of information to view the report:

- **Public Housing Agency (Within a State)** displays data at the level of a single Public Housing Agency, which includes all the tracts that fall completely within the PHA, as well as the portions of the tracts that fall partially within the PHA. All three sections of the report are included.
- **Tract within a Public Housing Agency (Within a State and Public Housing Agency)** displays data at the level of a single tract within a Public Housing Agency. When the tract falls partially within the PHA, data is reported for the portion of the tract that falls within the PHA. There is no separate Assistance section included in the report. However, assistance is included in the Families section.
- **Tract (Within a State and County)** displays data at the level of a complete (single) tract within a state and county, without any reference as to whether the tract falls within a single PHA or multiple PHAs. There is no separate Assistance section included in the report. However, assistance is included in the Families section.

3.3 Time Span Subset

This report includes all records with Effective Dates (2b) within a 16-month timeframe – 12 months back and 4 months forward from the “as of” date. For example, a report as of April 30, 2006, includes records with effective dates of May 1, 2005, through August 31, 2006.

4. Report Layout

The schemas in subsection 4.1 through 4.3 show the available tabs if reviewing the report by specific section and the layout of the full report as it appears in the “View Entire Report” option for each geographic level.

Please note the following possibilities if data is not shown:

* No data available

No data was available for that particular indicator at that particular level of information.

** Insufficient data

There was insufficient data available to perform calculations for the summary report. To protect the privacy of assisted housing participants, Form-50058 Module reports must have at least 10 families on record to compute and display information in a summary report. Or, further investigation of the data may indicate that the PHA experienced a data quality problem and was not transmitting accurate information to the Form-50058 Module.

The report schema begins on the next page.

4.1 Schema for Level of Information “Public Housing Agency”

S8 Deconcentration Analysis Report

As of April 30, 2006

Program Type: **S8 Certificates & Vouchers**

Level of Information: **HA within State XX**

Effective Dates Included: **May 1, 2005 through August 31, 2006**



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Print Report



View Entire Report

Families

Assistance

Owners

S8 Deconcentration Analysis Report

As of April 30, 2006

Program Type: **S8 Certificates & Vouchers**

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Print Report



Back to Report

Level of Information: **HA within State XX**Effective Dates Included: **May 1, 2005 through August 31, 2006**

Families with Children

All Families with Children

HA	Total Number of Families	Poverty Rate (%)				
		0 – 9	10 – 19	20 – 29	30 – 39	40 or more
XX001	XXX,XXX	XXX%	XXX%	XXX%	XXX%	XXX%

New Families with Children

HA	Total Number of Families	Poverty Rate (%)				
		0 – 9	10 – 19	20 – 29	30 – 39	40 or more
XX001	XXX,XXX	XXX%	XXX%	XXX%	XXX%	XXX%

Assistance

Tenant-Based Assistance

HA	Total Number of Families	Tenant-Based Assistance (%)					
		0 – 1	1 – 5	6 – 9	10 – 19	20 – 29	30 or more
XX001	XXX,XXX	XXX%	XXX%	XXX%	XXX%	XXX%	XXX%

HUD-Based Assistance

HA	Total Number of Families	HUD-Based Assistance (%)					
		0 – 9	10 – 19	20 – 29	30 – 39	40 – 49	50 or more
XX001	XXX,XXX	XXX%	XXX%	XXX%	XXX%	XXX%	XXX%

Owners

Owners for All Families with Children

HA	Units					
	1 – 5	6 – 10	11 – 20	21 – 50	51 – 100	Over 100
XX001	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX

Owners for New Families with Children

HA	Units					
	1 – 5	6 – 10	11 – 20	21 – 50	51 – 100	Over 100
XX001	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX

4.2 Schema for Level of Information “Tract within a Public Housing Agency”

S8 Deconcentration Analysis Report

As of April 30, 2006

Program Type: **S8 Certificates & Vouchers**

Level of Information: **Tracts within HA XX001**

Effective Dates Included: **May 1, 2005 through August 31, 2006**



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Print Report



View Entire Report

Families

Owners

S8 Deconcentration Analysis Report

As of April 30, 2006

Program Type: **S8 Certificates & Vouchers**

Level of Information: **Tracts within HA XX001**

Effective Dates Included: **May 1, 2005 through August 31, 2006**



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Back to Report

Families with Children

Tracts	All Families	New Families	Poverty Rate (%)	Families with Assistance			
				Tenant-Based (#)	HUD-Based (#)	Tenant-Based (%)	HUD-Based (%)
XX – 025 9896.00	XX,XXX	XX,XXX	XXX%	XX,XXX	XX,XXX	XXX%	XXX%

Owners

Owners for All Families with Children

Tracts	Units					
	1 – 5	6 – 10	11 – 20	21 – 50	51 – 100	Over 100
XX – 025 9896.00	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX

Owners for New Families with Children

Tracts	Units					
	1 – 5	6 – 10	11 – 20	21 – 50	51 – 100	Over 100
XX – 025 9896.00	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX

4.3 Schema for Level of Information “Tract within a State and County”

S8 Deconcentration Analysis Report

As of April 30, 2006

Program Type: **S8 Certificates & Vouchers**

Level of Information: **Tracts within County XX001**

Effective Dates Included: **May 1, 2005 through August 31, 2006**



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Print Report



View Entire Report

Families

Owners

S8 Deconcentration Analysis Report

As of April 30, 2006

Program Type: **S8 Certificates & Vouchers**

Level of Information: **Tracts within County XX001**

Effective Dates Included: **May 1, 2005 through August 31, 2006**



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Back to Report

Families with Children

Tracts	All Families	New Families	Poverty Rate (%)	Families with Assistance			
				Tenant-Based (#)	HUD-Based (#)	Tenant-Based (%)	HUD-Based (%)
XX0078.00	XX,XXX	XX,XXX	XXX%	XX,XXX	XX,XXX	XXX%	XXX%

Owners

Owners for All Families with Children

Tracts	Units					
	1 – 5	6 – 10	11 – 20	21 – 50	51 – 100	Over 100
XX0078.00	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX

Owners for New Families with Children

Tracts	Units					
	1 – 5	6 – 10	11 – 20	21 – 50	51 – 100	Over 100
XX0078.00	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX	X,XXX

5. Data Definitions/Business Rules

The *Section 8 Deconcentration Analysis Report* provides data at 3 levels of information;

- all tracts within a PHA.
- a single tract within a PHA.
- a single tract within a state and county.

Since the unit of information is the census tract, the general definitions apply to all three levels of information. However, business rules and calculations differ by level of information, as shown below.

The data definitions and business rules give technical definitions for the fields on the *Section 8 Deconcentration Analysis Report*. Business rules reflect program rules and calculations performed for each field. Lettered notation (e.g., line 2a) refers to the line number in the Form HUD-50058.

5.1 General Guidelines

UNLESS OTHERWISE SPECIFIED, INCLUDE ONLY:

1. Families within the user selected geographic subset.
2. Families in the following programs:
 - Section 8 Certificates (1c = CE)
 - Section 8 Vouchers (1c = VO)
3. Families with children (see General Definitions)
4. Families whose unit addresses have been successfully geocoded (see General Definitions) to the applicable tract (family tract_code = tract tract_code)
5. Families where the Type of Action is:
 - New Admission (2a = 1)
 - Annual Reexamination (2a = 2)
 - Interim Reexamination (2a = 3)
 - Portability Move-in (2a = 4)
 - Other Change of Unit (2a = 7)
 - Annual Reexamination Searching (2a = 9)

GENERAL DEFINITIONS:

- **“Tracts”** or Census tracts are small, relatively permanent statistical subdivisions of a county, as defined by the US Census Bureau. Census tracts usually have between 1,500 and 8,000 persons and, when first delineated, were designed to be homogeneous with respect to population characteristics, economic status, and living conditions.
- **Population of a Tract** is defined as the number of families living in the census tract. All population counts should be based on the most recent decennial census.

- **Families with children** is defined as any family with a family member who is less than 18 years of age (Effective Date of Action (2b) minus Date of Birth (3e) < 18 years)
- **Total Number of families with children** is the total count of all families with children (see definition above) where Program Type (1c) is Certificates (CE) or Voucher (VO) AND the unit address was successfully geocoded (family tract code = tract tract_code).
- **Total Number of new families with children** is the total count of all families with children (see definition above) where Type of Action is New Admission (2a =1) AND Program Type is Certificates or Voucher (1c = CE or VO) AND the unit address was successfully geocoded (family tract code = tract tract_code).
- **Poverty Rate** indicates the concentration of impoverished people within a particular census tract.
- **All Families With Children By Poverty Rate of Tract** shows the percent of all Section 8 Certificate and Voucher families with children within specified poverty levels of the tract.
- **Tenant-based Assistance.** A family receives tenant-based assistance when:
 - Program type is Vouchers (1c =VO) or
 - Program type is Certificates (1c=CE)
- **Tenant-based Assistance Concentration of a Tract** is defined as the percent of families receiving tenant-based assistance in the tract. For example, a value of 15 in the 0% - 1% row indicates that 15% of Section 8 families live in a tract where tenant-based assistance concentration is 0% - 1%.
- **HUD-based Assistance** = count of all families within census tract receiving any HUD assistance administered by the Office of Public and Indian Housing (1c= CE, VO, MR or P and 2a = 1, 2, 3, 4, 7, 9, or 12)
- **HUD-based Assistance Concentration of a Tract** is defined as the percent of families receiving HUD-based assistance in the tract. For example, a value of 25 in the 0% - 10% row indicates that 25% of Section 8 families live in a tract where the HUD-based assistance concentration is 0% - 10%.
- **Unit Owners** are defined as owners/landlords who rent units to Section 8 families with Certificates or Vouchers.
- **Unit Owners for Families with Children** displays the number of unit owners who rent to families with children.
- **Geocoding** is the process of determining the State code, County code, Metropolitan Statistical code, Census tract, Congressional district, longitude and latitude, etc., for a given address. The geocode is then used to interface with other databases to provide additional information for that address. For example, a geocode is used to interface with Census data to properly identify the Census tract in which a specific address resides.

5.2 Data Definitions/Business Rules: All Tracts within a PHA

#	Data Field	Data Definition/Business Rule
Families with Children		
1	All Families with Children Total Number of Families	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of all families with children (see General Definitions) within the PHA
2	All Families with Children Poverty Rate: 0% - 9%	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of all families with children (see General Definitions) within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Poverty rate of the tract in which they live is greater than or equal to 0% and less than 10% ($0\% \leq$ poverty rate of tract $< 10\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of families with children within the PHA <p><u>Multiplied</u> by 100</p>
3	All Families with Children Poverty Rate: 10% - 19%	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of all families with children (see General Definitions) within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Poverty rate of the tract in which they live is greater than or equal to 10% and less than 20% ($10\% \leq$ poverty rate of tract $< 20\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of families with children within the PHA <p><u>Multiplied</u> by 100</p>
4	All Families with Children Poverty Rate: 20% - 29%	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of all families with children (see General Definitions) within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Poverty rate of the tract in which they live is greater than or equal to 20% and less than 30% ($20\% \leq$ poverty rate of tract $< 30\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of families with children within the PHA <p><u>Multiplied</u> by 100</p>

5	<p>All Families with Children</p> <p>Poverty Rate: 30% - 39%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families with children (see General Definitions) within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Poverty rate of the tract in which they live is greater than or equal to 30% and less than 40% ($30\% \leq \text{poverty rate of tract} < 40\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of families with children within the PHA <p><u>Multiplied</u> by 100</p>
6	<p>All Families with Children</p> <p>Poverty Rate: 40% or more</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families with children (see General Definitions) within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Poverty rate of the tract in which they live is greater than or equal to 40% ($40\% \leq \text{poverty rate of tract}$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of families with children within the PHA <p><u>Multiplied</u> by 100</p>
7	<p>New Families with Children</p> <p>Total Number of Families</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of NEW families with children (see General Definitions) within the PHA
8	<p>New Families with Children</p> <p>Poverty Rate: 0% - 9%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of NEW families with children (see General Definitions) within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Poverty rate of the tract in which they live is greater than or equal to 0% and less than 10% ($0\% \leq \text{poverty rate of tract} < 10\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of new families with children within the PHA <p><u>Multiplied</u> by 100</p>

<p>9</p>	<p>New Families with Children Poverty Rate: 10% - 19%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of NEW families with children (see General Definitions) within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Poverty rate of the tract in which they live is greater than or equal to 10% and less than 20% ($10\% \leq$ poverty rate of tract $< 20\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of new families with children within the PHA <p><u>Multiplied</u> by 100</p>
<p>10</p>	<p>New Families with Children Poverty Rate: 20% - 29%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of NEW families with children (see General Definitions) within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Poverty rate of the tract in which they live is greater than or equal to 20% and less than 30% ($20\% \leq$ poverty rate of tract $< 30\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of new families with children within the PHA <p><u>Multiplied</u> by 100</p>
<p>11</p>	<p>New Families with Children Poverty Rate: 30% - 39%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of NEW families with children (see General Definitions) within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Poverty rate of the tract in which they live is greater than or equal to 30% and less than 40% ($30\% \leq$ poverty rate of tract $< 40\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of new families with children within the PHA <p><u>Multiplied</u> by 100</p>
<p>12</p>	<p>New Families with Children Poverty Rate: 40% or more</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of NEW families with children (see General Definitions) within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Poverty rate of the tract in which they live is greater than or equal to 40% ($40\% \leq$ poverty rate of tract) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of new families with children within the PHA <p><u>Multiplied</u> by 100</p>

Assistance		
13	Tenant-Based Assistance Total Number of Families	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families within the PHA that receive Tenant-Based Assistance (see General Definitions)
14	Tenant-Based Assistance 0% - 1%	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Family receives Tenant-Based Assistance (see General Definitions) Tenant-based concentration of the tract (see General Definitions) is greater than or equal to 0% and less than 1% ($0\% \leq \text{tenant-based assistance rate of tract} < 1\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Count of all families within the PHA <p><u>Multiplied</u> by 100</p>
15	Tenant-Based Assistance 1% - 5%	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Family receives Tenant-Based Assistance (see General Definitions) Tenant-based concentration of the tract (see General Definitions) is greater than or equal to 1% and less than 6% ($1\% \leq \text{tenant-based assistance rate of tract} < 6\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Count of all families within the PHA <p><u>Multiplied</u> by 100</p>
16	Tenant-Based Assistance 6% - 9%	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Family receives Tenant-Based Assistance (see General Definitions) Tenant-based concentration of the tract (see General Definitions) is greater than or equal to 6% and less than 10% ($6\% \leq \text{tenant-based assistance rate of tract} < 10\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Count of all families within the PHA <p><u>Multiplied</u> by 100</p>

17	<p>Tenant-Based Assistance</p> <p>10% - 19%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> • Family receives Tenant-Based Assistance (see General Definitions) • Tenant-based concentration of the tract (see General Definitions) is greater than or equal to 10% and less than 20% ($10\% \leq \text{tenant-based assistance rate of tract} < 20\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> • Count of all families within the PHA <p><u>Multiplied</u> by 100</p>
18	<p>Tenant-Based Assistance</p> <p>20% - 29%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> • Family receives Tenant-Based Assistance (see General Definitions) • Tenant-based concentration of the tract (see General Definitions) is greater than or equal to 20% and less than 30% ($20\% \leq \text{tenant-based assistance rate of tract} < 30\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> • Count of all families within the PHA <p><u>Multiplied</u> by 100</p>
19	<p>Tenant-Based Assistance</p> <p>30% or more</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> • Family receives Tenant-Based Assistance (see General Definitions) • Tenant-based concentration of the tract (see General Definitions) is greater than or equal to 30% ($30\% \leq \text{tenant-based assistance rate of tract}$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> • Count of all families within the PHA <p><u>Multiplied</u> by 100</p>
20	<p>HUD-Based Assistance</p> <p>Total Number of Families</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of all families within the PHA that receive HUD-Based Assistance (see General Definitions)

<p>21</p>	<p>HUD-Based Assistance</p> <p>0% - 9%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> • Family receives HUD-Based Assistance (see General Definitions) • HUD-based concentration of the tract (see General Definitions) is greater than or equal to 0% and less than 10% ($0\% \leq \text{HUD-based assistance rate of tract} < 10\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> • Count of all families within the PHA <p><u>Multiplied</u> by 100</p>
<p>22</p>	<p>HUD-Based Assistance</p> <p>10% - 19%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> • Family receives HUD-Based Assistance (see General Definitions) • HUD-based concentration of the tract (see General Definitions) is greater than or equal to 10% and less than 20% ($10\% \leq \text{HUD-based assistance rate of tract} < 20\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> • Count of all families within the PHA <p><u>Multiplied</u> by 100</p>
<p>23</p>	<p>HUD-Based Assistance</p> <p>20% - 29%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> • Family receives HUD-Based Assistance (see General Definitions) • HUD-based concentration of the tract (see General Definitions) is greater than or equal to 20% and less than 30% ($20\% \leq \text{HUD-based assistance rate of tract} < 30\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> • Count of all families within the PHA <p><u>Multiplied</u> by 100</p>

24	<p>HUD-Based Assistance</p> <p>30% - 39%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Family receives HUD-Based Assistance (see General Definitions) HUD-based concentration of the tract (see General Definitions) is greater than or equal to 30% and less than 40% ($30\% \leq \text{HUD-based assistance rate of tract} < 40\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Count of all families within the PHA <p><u>Multiplied</u> by 100</p>
25	<p>HUD-Based Assistance</p> <p>40% - 49%</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Family receives HUD-Based Assistance (see General Definitions) HUD-based concentration of the tract (see General Definitions) is greater than or equal to 40% and less than 50% ($40\% \leq \text{HUD-based assistance rate of tract} < 50\%$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Count of all families within the PHA <p><u>Multiplied</u> by 100</p>
26	<p>HUD-Based Assistance</p> <p>50% or more</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families within the PHA <p>WHERE</p> <ul style="list-style-type: none"> Family receives HUD-Based Assistance (see General Definitions) HUD-based concentration of the tract (see General Definitions) is greater than or equal to 50% ($50\% \leq \text{HUD-based assistance rate of tract}$) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Count of all families within the PHA <p><u>Multiplied</u> by 100</p>
<p><u>Owners</u></p>		
27	<p>Owners for All Families with Children</p> <p>1 – 5</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 1 unit and less than or equal to 5 units to Section 8 Certificate or Voucher families with children ($1 \leq \text{units rented to Section 8 Certificate or Voucher families with children} \leq 5$)

28	Owners for All Families with Children 6 – 10	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 6 units and less than or equal to 10 units to Section 8 Certificate or Voucher families with children ($6 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 10)
29	Owners for All Families with Children 11 – 20	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 11 units and less than or equal to 20 units to Section 8 Certificate or Voucher families with children ($11 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 20)
30	Owners for All Families with Children 21 – 50	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 21 units and less than or equal to 50 units to Section 8 Certificate or Voucher families with children ($21 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 50)
31	Owners for All Families with Children 51 – 100	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 51 units and less than or equal to 100 units to Section 8 Certificate or Voucher families with children ($51 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 100)
32	Owners for All Families with Children Over 100	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than 100 units to Section 8 Certificate or Voucher families with children ($100 <$ units rented to Section 8 Certificate or Voucher families with children)
33	Owners for New Families with Children 1 – 5	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 1 unit and less than or equal to 5 units to New Section 8 Certificate or Voucher families with children ($1 \leq$ units rented to New Section 8 Certificate or Voucher families with children ≤ 5)
34	Owners for New Families with Children 6 – 10	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 6 units and less than or equal to 10 units to New Section 8 Certificate or Voucher families with children ($6 \leq$ units rented to New Section 8 Certificate or Voucher families with children ≤ 10)
35	Owners for New Families with Children 11 – 20	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 11 units and less than or equal to 20 units to New Section 8 Certificate or Voucher families with children ($11 \leq$ units rented to New Section 8 Certificate or Voucher families with children ≤ 20)

36	Owners for New Families with Children 21 – 50	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 21 units and less than or equal to 50 units to New Section 8 Certificate or Voucher families with children ($21 \leq$ units rented to New Section 8 Certificate or Voucher families with children ≤ 50)
37	Owners for New Families with Children 51 – 100	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 51 units and less than or equal to 100 units to New Section 8 Certificate or Voucher families with children ($51 \leq$ units rented to New Section 8 Certificate or Voucher families with children ≤ 100)
38	Owners for New Families with Children Over 100	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than 100 units to New Section 8 Certificate or Voucher families with children ($100 <$ units rented to New Section 8 Certificate or Voucher families with children)

5.3 Data Definitions/Business Rules: Tract within a PHA

#	Data Field	Data Definition/Business Rule
Families with Children		
1	All Families with Children	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of all families with children (see General Definitions) in the selected tract or portion of the selected tract within the PHA
2	New Families with Children	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of NEW families with children (see General Definitions) in the selected tract or portion of the selected tract within the PHA
3	Poverty Rate (%)	<u>EQUALS:</u> <ul style="list-style-type: none"> Poverty rate of tract (whether it lies fully or partially in the PHA) as defined by the US Census Bureau
4	Families with Assistance Tenant-Based Assistance - Count	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of all families in a single tract or portion of a single tract within a PHA that receive Tenant-Based Assistance (see General Definitions)
5	Families with Assistance HUD-Based Assistance - Count	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of all families in a single tract or portion of a single tract within a PHA that receive HUD-Based Assistance (see General Definitions)

6	<p>Families with Assistance</p> <p>Tenant-Based Assistance - Percent</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families in a single tract or portion of a single tract within a PHA <p>WHERE</p> <ul style="list-style-type: none"> Family receives Tenant-Based assistance (see General Definitions) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of families in a single tract or portion of a single tract within the PHA <p><u>Multiplied</u> by 100</p>
7	<p>Families with Assistance</p> <p>HUD-Based Assistance - Percent</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families in a single tract or portion of a single tract within a PHA <p>WHERE</p> <ul style="list-style-type: none"> Family receives HUD-Based assistance (see General Definitions) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of families in a single tract or portion of a single tract within the PHA <p><u>Multiplied</u> by 100</p>
<p><u>Owners</u></p>		
8	<p>Owners for All Families with Children</p> <p>1 – 5</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 1 unit and less than or equal to 5 units to Section 8 Certificate or Voucher families with children ($1 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 5) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA
9	<p>Owners for All Families with Children</p> <p>6 – 10</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 6 units and less than or equal to 10 units to Section 8 Certificate or Voucher families with children ($6 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 10) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA

10	<p>Owners for All Families with Children</p> <p>11 – 20</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 11 units and less than or equal to 20 units to Section 8 Certificate or Voucher families with children ($11 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 20) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA
11	<p>Owners for All Families with Children</p> <p>21 – 50</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 21 units and less than or equal to 50 units to Section 8 Certificate or Voucher families with children ($21 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 50) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA
12	<p>Owners for All Families with Children</p> <p>51 – 100</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 51 units and less than or equal to 100 units to Section 8 Certificate or Voucher families with children ($51 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 100) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA
13	<p>Owners for All Families with Children</p> <p>Over 100</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than 100 units to Section 8 Certificate or Voucher families with children ($100 <$ units rented to Section 8 Certificate or Voucher families with children) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA
14	<p>Owners for New Families with Children</p> <p>1 – 5</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 1 unit and less than or equal to 5 units to New Section 8 Certificate or Voucher families with children ($1 \leq$ units rented to New Section 8 Certificate or Voucher families with children ≤ 5) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA

15	<p>Owners for New Families with Children</p> <p>6 – 10</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 6 units and less than or equal to 10 units to New Section 8 Certificate or Voucher families with children ($6 \leq$ units rented to New Section 8 Certificate or Voucher families with children ≤ 10) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA
16	<p>Owners for New Families with Children</p> <p>11 – 20</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 11 units and less than or equal to 20 units to New Section 8 Certificate or Voucher families with children ($11 \leq$ units rented to New Section 8 Certificate or Voucher families with children ≤ 20) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA
17	<p>Owners for New Families with Children</p> <p>21 – 50</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 21 units and less than or equal to 50 units to New Section 8 Certificate or Voucher families with children ($21 \leq$ units rented to New Section 8 Certificate or Voucher families with children ≤ 50) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA
18	<p>Owners for New Families with Children</p> <p>51 – 100</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 51 units and less than or equal to 100 units to New Section 8 Certificate or Voucher families with children ($51 \leq$ units rented to New Section 8 Certificate or Voucher families with children ≤ 100) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA
19	<p>Owners for New Families with Children</p> <p>Over 100</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of unit owners who rent greater than 100 units to New Section 8 Certificate or Voucher families with children ($100 <$ units rented to New Section 8 Certificate or Voucher families with children) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the single tract or portion of the single tract within the PHA

5.4 Data Definitions/Business Rules: Tract within a State & County

#	Data Field	Data Definition/Business Rule
Families with Children		
1	All Families with Children	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families with children (see General Definitions) in the selected tract
2	New Families with Children	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all new families with children (see General Definitions) in the selected tract
3	Poverty Rate (%)	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Poverty rate of tract as defined by the US Census Bureau
4	Families with Assistance Tenant-Based Assistance - Count	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families in the selected tract that receive Tenant-Based Assistance (see General Definitions)
5	Families with Assistance HUD-Based Assistance - Count	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families in the selected tract that receive HUD-Based Assistance (see General Definitions)
6	Families with Assistance Tenant-Based Assistance - Percent	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families in the selected tract <p>WHERE</p> <ul style="list-style-type: none"> Family receives Tenant-Based assistance (see General Definitions) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of families in the selected tract <p><u>Multiplied</u> by 100</p>
7	Families with Assistance HUD-Based Assistance - Percent	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> Count of all families in the selected tract <p>WHERE</p> <ul style="list-style-type: none"> Family receives HUD-Based assistance (see General Definitions) <p><u>Divided</u> by</p> <ul style="list-style-type: none"> Total number of families in selected tract <p><u>Multiplied</u> by 100</p>

<u>Owners</u>		
8	Owners for All Families with Children 1 – 5	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 1 unit and less than or equal to 5 units to Section 8 Certificate or Voucher families with children ($1 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 5) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the selected tract
9	Owners for All Families with Children 6 – 10	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 6 units and less than or equal to 10 units to Section 8 Certificate or Voucher families with children ($6 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 10) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the selected tract
10	Owners for All Families with Children 11 – 20	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 11 units and less than or equal to 20 units to Section 8 Certificate or Voucher families with children ($11 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 20) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the selected tract
11	Owners for All Families with Children 21 – 50	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 21 units and less than or equal to 50 units to Section 8 Certificate or Voucher families with children ($21 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 50) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the selected tract
12	Owners for All Families with Children 51 – 100	<u>EQUALS:</u> <ul style="list-style-type: none"> Count of unit owners who rent greater than or equal to 51 units and less than or equal to 100 units to Section 8 Certificate or Voucher families with children ($51 \leq$ units rented to Section 8 Certificate or Voucher families with children ≤ 100) <p>WHERE</p> <ul style="list-style-type: none"> Units are within the selected tract

13	<p>Owners for All Families with Children</p> <p>Over 100</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of unit owners who rent greater than 100 units to Section 8 Certificate or Voucher families with children (100 < units rented to Section 8 Certificate or Voucher families with children) <p>WHERE</p> <ul style="list-style-type: none"> • Units are within the selected tract
14	<p>Owners for New Families with Children</p> <p>1 – 5</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of unit owners who rent greater than or equal to 1 unit and less than or equal to 5 units to New Section 8 Certificate or Voucher families with children (1 ≤ units rented to New Section 8 Certificate or Voucher families with children ≤ 5) <p>WHERE</p> <ul style="list-style-type: none"> • Units are within the selected tract
15	<p>Owners for New Families with Children</p> <p>6 – 10</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of unit owners who rent greater than or equal to 6 units and less than or equal to 10 units to New Section 8 Certificate or Voucher families with children (6 ≤ units rented to New Section 8 Certificate or Voucher families with children ≤ 10) <p>WHERE</p> <ul style="list-style-type: none"> • Units are within the selected tract
16	<p>Owners for New Families with Children</p> <p>11 – 20</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of unit owners who rent greater than or equal to 11 units and less than or equal to 20 units to New Section 8 Certificate or Voucher families with children (11 ≤ units rented to New Section 8 Certificate or Voucher families with children ≤ 20) <p>WHERE</p> <ul style="list-style-type: none"> • Units are within the selected tract
17	<p>Owners for New Families with Children</p> <p>21 – 50</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of unit owners who rent greater than or equal to 21 units and less than or equal to 50 units to New Section 8 Certificate or Voucher families with children (21 ≤ units rented to New Section 8 Certificate or Voucher families with children ≤ 50) <p>WHERE</p> <ul style="list-style-type: none"> • Units are within the selected tract

18	<p>Owners for New Families with Children</p> <p>51 – 100</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of unit owners who rent greater than or equal to 51 units and less than or equal to 100 units to New Section 8 Certificate or Voucher families with children ($51 \leq$ units rented to New Section 8 Certificate or Voucher families with children ≤ 100) <p>WHERE</p> <ul style="list-style-type: none"> • Units are within the selected tract
19	<p>Owners for New Families with Children</p> <p>Over 100</p>	<p><u>EQUALS:</u></p> <ul style="list-style-type: none"> • Count of unit owners who rent greater than 100 units to New Section 8 Certificate or Voucher families with children ($100 <$ units rented to New Section 8 Certificate or Voucher families with children) <p>WHERE</p> <ul style="list-style-type: none"> • Units are within the selected tract