

#### These measures were produced by the DSHS Research and Data Analysis Division in collaboration with:

The Bill & Melinda Gates
Foundation | U.S. Department of
Housing and Urban Development |
King County Housing Authority |
Seattle Housing Authority | Tacoma
Housing Authority

# Profile of Clients Served by DSHS and the Walla Walla Housing Authority

**SEPTEMBER 2016** 

This report provides annual, aggregate snapshots and trends of characteristics, service utilization and well-being of households and individuals receiving housing assistance administered by local public housing authorities/agencies (PHA) in Washington State, within the calendar years. In addition to person and household counts and demographic trends, the report describes employment and earnings, health status, behavioral health treatment need, financial assistance, social services utilization, criminal justice involvement, and neighborhood characteristics. Separate reports are available statewide and for any housing authority submitting an Annual Plan to the Department of Housing and Urban Development (HUD).

Using records provided by HUD, Washington State has integrated public housing authority client- and household-level data with data from the Integrated Client Database (ICDB). The ICDB includes information from multiple state administrative data systems and contains over a decade of detailed person-level records on social service utilization, health risk indicators, service costs, and outcomes such as employment and criminal justice involvement. Integrating HUD and ICDB data provides a systematic and detailed view of the experiences, characteristics and outcomes of assisted housing recipients.

This project was funded by the Bill & Melinda Gates Foundation and HUD and benefited from the collaboration and advice of staff from the King County, Seattle, and Tacoma Housing Authorities. Contingent on the continued availability of HUD data, reports will be generated annually.

DATA NOTE

**Data Suppression:** Due to the confidential nature of some measures, privacy is protected by suppressing results that are based on fewer than 10 observations. In these cases, tables displays will show dashes (-) in place of totals and empty cells for associated percentages. Graphs will omit suppressed years and fill suppressed spans by connecting the line between non-suppressed data points.



**SEPTEMBER 2016** 

#### **CONTENTS**

#### Introduction

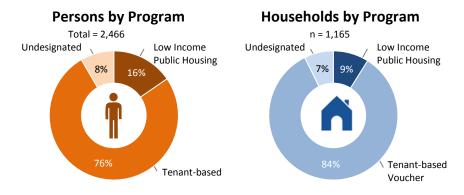
- O At a Glance: Summary Measures
- 1 Households and Persons
- 2 Households and Persons by Program
- 3 Race and Ethnicity
- 4 Gender, Age and Disability Distribution
- <u>5a</u> Employment and Earnings
- 5b Two-Year Employment Outcomes
- 6a Health Indicators (All Ages)
- 6b Health Indicators Children and Youth (Age 0-17)
- 6c Health Indicators Adults with NO Disability (Age 18-64)
- 6d Health Indicators Adults WITH Disability (Age 18-64)
- 7a Behavioral Health Indicators (All Ages)
- <u>7b</u> Behavioral Health Indicators Children and Youth (Age 0-17)
- <u>7c</u> Behavioral Health Indicators Adults with NO Disability (Age 18-64)
- <u>7d</u> Behavioral Health Indicators Adults WITH Disability (Age 18-64)
- 8a Economic Services Utilization
- 8b Social Service Utilization
- <u>8c</u> Behavioral Health and Rehabilitation Service Utilization
- 9a Recent Criminal and Justice System Involvement By Race
- 9b Recent Criminal and Justice System Involvement By Age

#### **Technical Notes**

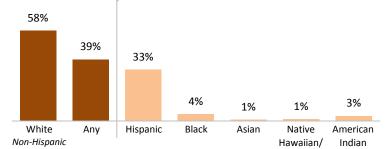


**SEPTEMBER 2016** 

#### AT A GLANCE | SFY 2013

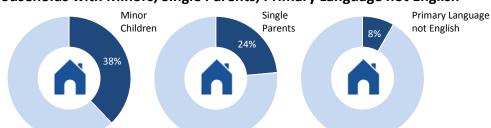


# Persons by Race/Ethnicity RACE/ETHNIC DETAIL\* 58%



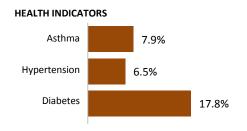
\*Clients may have multiple races or ethnicities, so percentages Pacific Island will exceed Any Minority.

#### Households with Minors, Single Parents, Primary Language not English



#### **Health Indicators and Medical Utilization**

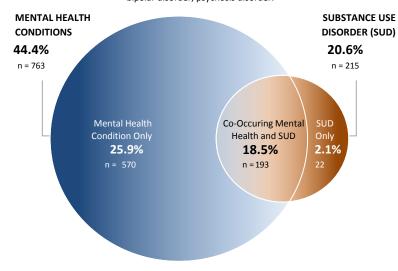
Among those with Medicaid coverage (n = 1,717, 75.8%). Percent with these conditions or visiting an Emergency Department (ED).





#### **Behavioral Health Conditions**

Among those with Medicaid coverage (n = 1,717, 75.8%). Mental health conditions include depression, bipolar disorder, psychosis disorder.

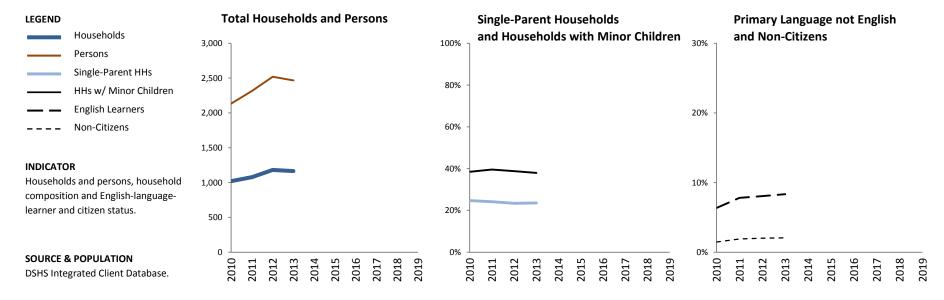




SEPTEMBER 2016

DISPLAY 1

#### **Households and Persons**



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total Households in PHA-Assisted Housing	1,021	1,077	1,181	1,165						
Total Persons in PHA-Assisted Housing	2,134	2,315	2,519	2,466						
Total Single-Parent Households	252	260	276	274						
Percent Single-Parent Households	24.7%	24.1%	23.4%	23.5%						
Total Households with Minor Children	393	426	458	442						
Percent Households with Minor Children	38.5%	39.6%	38.8%	37.9%						
Total Primary Language not English	65	84	95	97						
Percent Primary Language not English	6.4%	7.8%	8.0%	8.3%						
Non-Citizen	31	44	51	51						
Percent Non-Citizens	1.5%	1.9%	2.0%	2.1%						

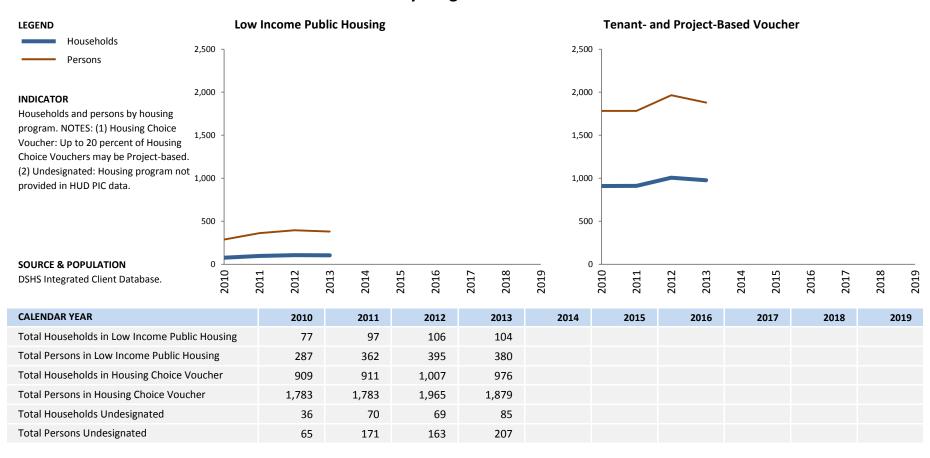




SEPTEMBER 2016

DISPLAY 2

#### **Households and Persons by Program**



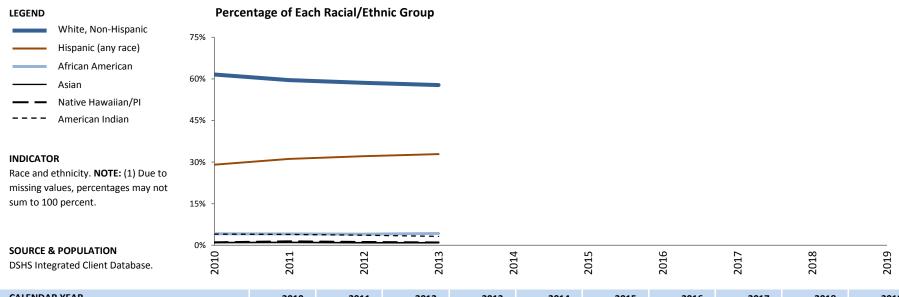




SEPTEMBER 2016

DISPLAY 3

### **Race and Ethnicity**



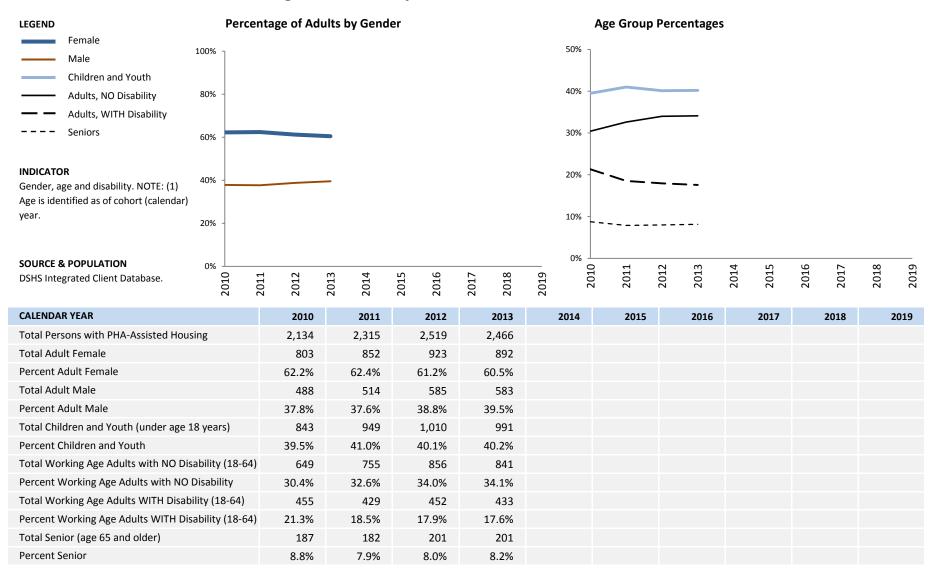
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total Persons with PHA-Assisted Housing	2,134	2,315	2,519	2,466						
Total White, Non-Hispanic	1,314	1,378	1,475	1,424						
Percent White, Non-Hispanic	61.6%	59.5%	58.6%	57.7%						
Total Minority (any minority race/ethnicity)	778	892	980	972						
Percent Minority (any minority race/ethnicity)	36.5%	38.5%	38.9%	39.4%						
Total Hispanic (may be any race)	620	721	809	811						
Percent Hispanic	29.1%	31.1%	32.1%	32.9%						
Total African American	88	95	101	105						
Percent African American	4.1%	4.1%	4.0%	4.3%						
Total Asian	21	24	23	22						
Percent Asian	1.0%	1.0%	0.9%	0.9%						
Total Native Hawaiian/Pacific Islander	23	33	30	25						
Percent Native Hawaiian/Pacific Islander	1.1%	1.4%	1.2%	1.0%						
Total American Indian	86	91	91	79						
Percent American Indian	4.0%	3.9%	3.6%	3.2%						



SEPTEMBER 2016

DISPLAY 4

### **Gender, Age and Disability Distribution**



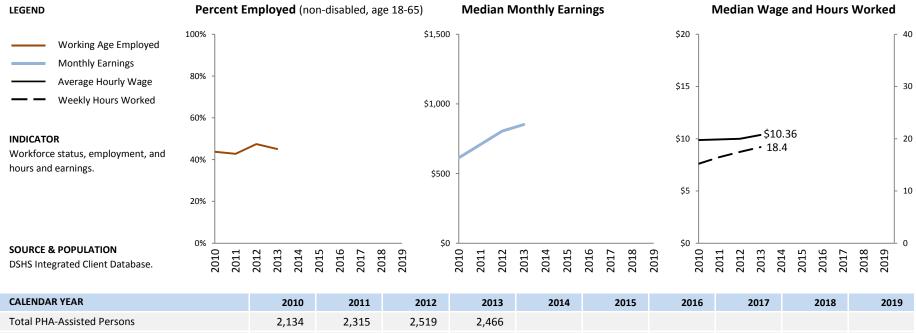




SEPTEMBER 2016

**DISPLAY 5a** 

### **Employment and Earnings**



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	2,134	2,315	2,519	2,466						
Total Working Age (not disabled, age 18 to 65)	649	755	856	841						
Percent Working Age	30.4%	32.6%	34.0%	34.1%						
Total Employed at any Time in the Year	284	323	406	379						
Percent Employed at any Time in the Year	43.8%	42.8%	47.4%	45.1%						
Median Monthly Earnings (employed only)	\$613	\$709	\$804	\$852						
Median Hourly Wage Rate (employed only)	\$9.88	\$9.93	\$10.00	\$10.36						
Median Weekly Hours (employed only)	15.2	16.5	17.5	18.4						

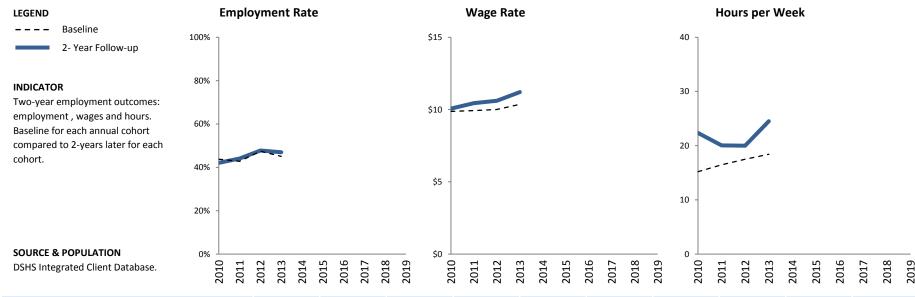




SEPTEMBER 2016

DISPLAY 5b

### **Two-Year Employment Outcomes**



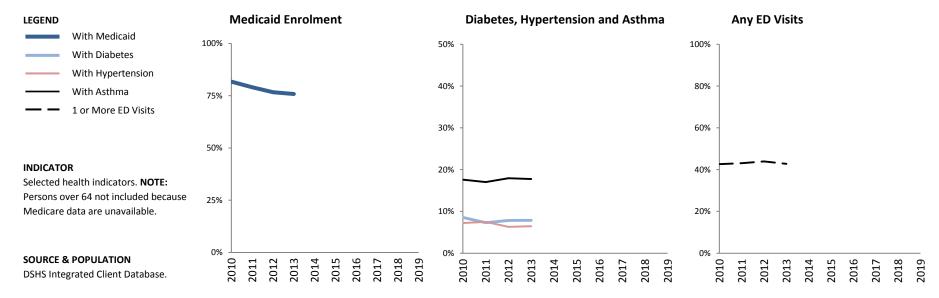
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total Working Age (not disabled)	649	755	856	841						
Employed at Baseline (at cohort year)	284	323	406	379						
Employed 2 Years Later (2 years after cohort year)	273	333	409	395						
Percent Employed at Baseline	43.8%	42.8%	47.4%	45.1%						
Percent Employed 2 years Later	42.1%	44.1%	47.8%	47.0%						
Median Monthly Earnings at baseline	\$613	\$709	\$804	\$852						
Median Monthly Earnings 2 years Later	\$988	\$984	\$966	\$1,197						
Median Wage Rate at Baseline	\$9.88	\$9.93	\$10.00	\$10.36						
Median Wage Rate 2 Years Later	\$10.06	\$10.44	\$10.60	\$11.20						
Median Weekly Hours at Baseline	15.2	16.5	17.5	18.4						
Median Weekly Hours 2 Years Later	22.4	20.0	20.0	24.5						



SEPTEMBER 2016

DISPLAY 6

### Health Indicators (Age 0 to 64)



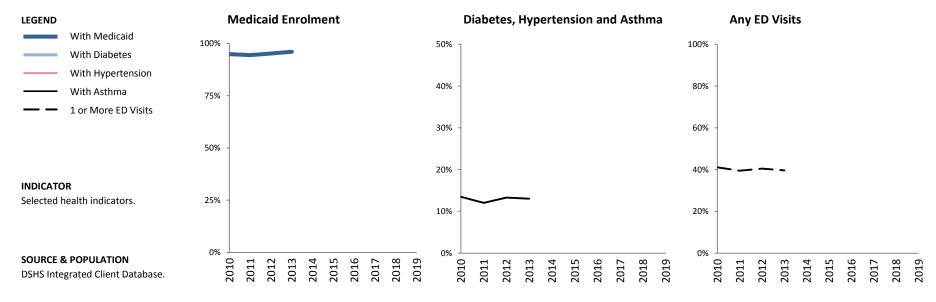
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	1,947	2,133	2,318	2,265						
Total with Medicaid Coverage	1,591	1,685	1,777	1,717						
Percent with Medicaid Coverage	81.7%	79.0%	76.7%	75.8%						
Total with Diabetes	136	123	139	135						
Percent with Diabetes	8.5%	7.3%	7.8%	7.9%						
Total with Hypertension	115	126	112	111						
Percent with Hypertension	7.2%	7.5%	6.3%	6.5%						
Total with Asthma	280	287	319	305						
Percent with Asthma	17.6%	17.0%	18.0%	17.8%						
Total with 1 or More ED Visits (in cohort year)	678	726	781	735						
Percent with 1 or More ED Visits (in cohort year)	42.6%	43.1%	44.0%	42.8%						



SEPTEMBER 2016

DISPLAY 6

### Health Indicators for Children and Youth (Age 0-17)



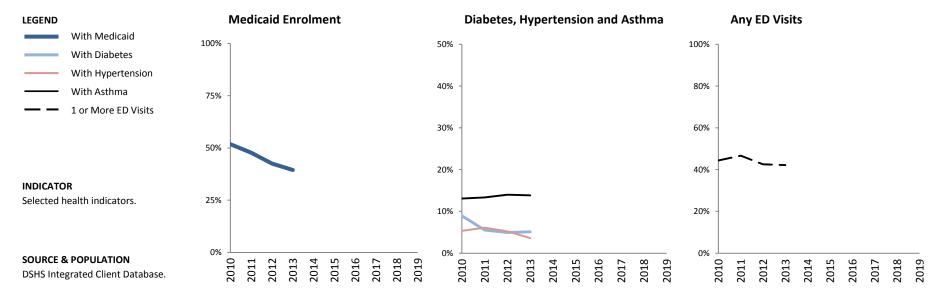
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	843	949	1,010	991						
Total with Medicaid Coverage	800	896	961	952						
Percent with Medicaid Coverage	94.9%	94.4%	95.1%	96.1%						
Total with Diabetes	-	-	-	-						
Percent with Diabetes										
Total with Hypertension	-	-	-	-						
Percent with Hypertension										
Total with Asthma	108	108	128	124						
Percent with Asthma	13.5%	12.1%	13.3%	13.0%						
Total with 1 or More ED Visits (in cohort year)	329	354	389	377						
Percent with 1 or More ED Visits (in cohort year)	41.1%	39.5%	40.5%	39.6%						



SEPTEMBER 2016

DISPLAY 6

### Health Indicators for Adults With NO Disability (Age 18-64)



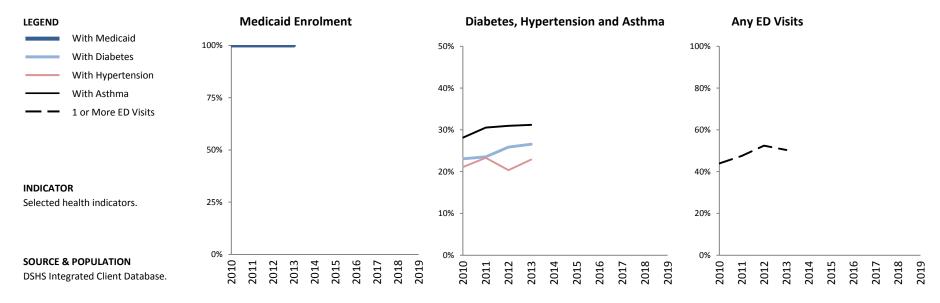
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	649	755	856	841						
Total with Medicaid Coverage	336	360	364	332						
Percent with Medicaid Coverage	51.8%	47.7%	42.5%	39.5%						
Total with Diabetes	30	20	18	17						
Percent with Diabetes	8.9%	5.6%	4.9%	5.1%						
Total with Hypertension	18	22	19	12						
Percent with Hypertension	5.4%	6.1%	5.2%	3.6%						
Total with Asthma	44	48	51	46						
Percent with Asthma	13.1%	13.3%	14.0%	13.9%						
Total with 1 or More ED Visits (in cohort year)	149	168	155	140						
Percent with 1 or More ED Visits (in cohort year)	44.3%	46.7%	42.6%	42.2%						



SEPTEMBER 2016

DISPLAY 6

### Health Indicatorsfor Adults WITH Disability (Age 18-64)



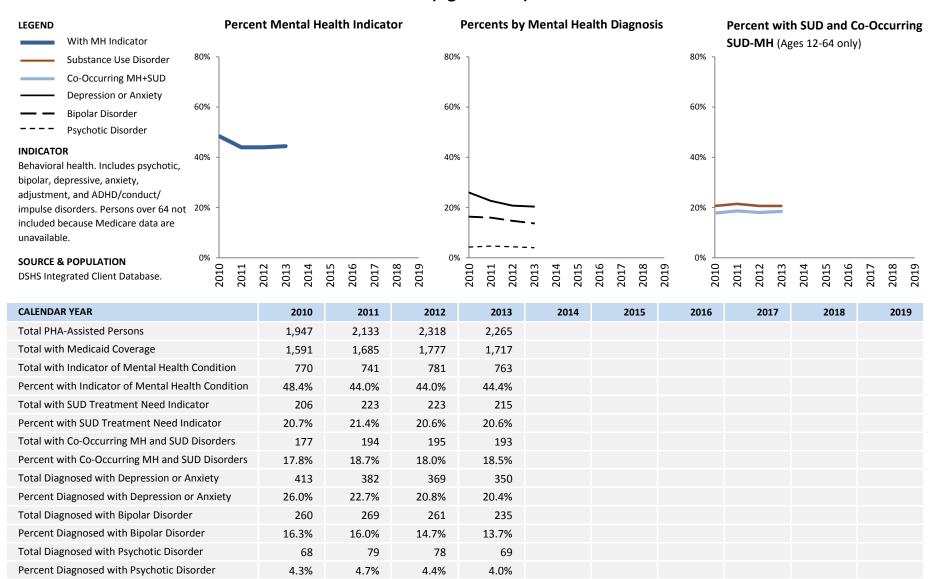
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	455	429	452	433						
Total with Medicaid Coverage	455	429	452	433						
Percent with Medicaid Coverage	100.0%	100.0%	100.0%	100.0%						
Total with Diabetes	105	101	117	115						
Percent with Diabetes	23.1%	23.5%	25.9%	26.6%						
Total with Hypertension	96	100	92	99						
Percent with Hypertension	21.1%	23.3%	20.4%	22.9%						
Total with Asthma	128	131	140	135						
Percent with Asthma	28.1%	30.5%	31.0%	31.2%						
Total with 1 or More ED Visits (in cohort year)	200	204	237	218						
Percent with 1 or More ED Visits (in cohort year)	44.0%	47.6%	52.4%	50.3%						



SEPTEMBER 2016

DISPLAY 7a

#### Behavioral Health Indicators (Age 0 to 64)

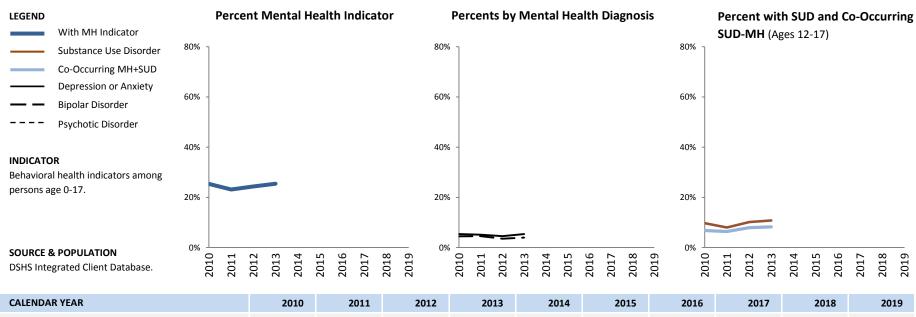




SEPTEMBER 2016

DISPLAY 7b

### Behavioral Health Indicators for Children and Youth (Age 0-17)



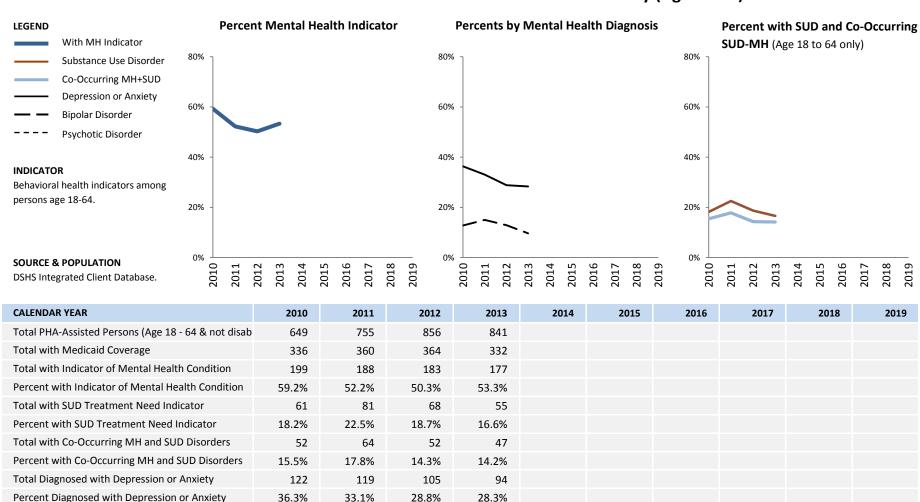
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons (Age 0 -17)	843	949	1,010	991						
Total with Medicaid Coverage	800	896	961	952						
Total with Indicator of Mental Health Condition	203	207	234	242						
Percent with Indicator of Mental Health Condition	25.4%	23.1%	24.3%	25.4%						
Total with SUD Treatment Need Indicator	20	20	27	30						
Percent with SUD Treatment Need Indicator	9.7%	8.0%	10.2%	10.8%						
Total with Co-Occurring MH and SUD Disorders	14	16	21	23						
Percent with Co-Occurring MH and SUD Disorders	6.8%	6.4%	7.9%	8.3%						
Total Diagnosed with Depression or Anxiety	43	46	44	51						
Percent Diagnosed with Depression or Anxiety	5.4%	5.1%	4.6%	5.4%						
Total Diagnosed with Bipolar Disorder	36	41	34	38						
Percent Diagnosed with Bipolar Disorder	4.5%	4.6%	3.5%	4.0%						
Total Diagnosed with Psychotic Disorder	-	-	-	-						
Percent Diagnosed with Psychotic Disorder										



SEPTEMBER 2016

DISPLAY 7c

#### Behavioral Health Indicators for Adults With NO Disability (Age 18-64)



32

9.6%

43

12.8%

54

15.0%

47

12.9%

Total Diagnosed with Bipolar Disorder

Percent Diagnosed with Bipolar Disorder

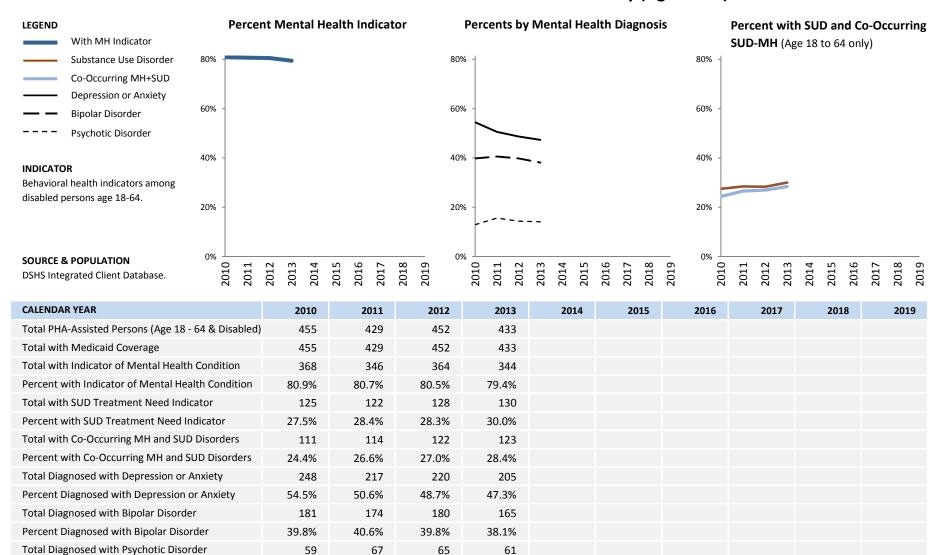
Total Diagnosed with Psychotic Disorder
Percent Diagnosed with Psychotic Disorder



**SEPTEMBER 2016** 

DISPLAY 7d

#### Behavioral Health Indicators for Adults WITH Disability (Age 18-64)



13.0%

15.6%

14.4%

14.1%

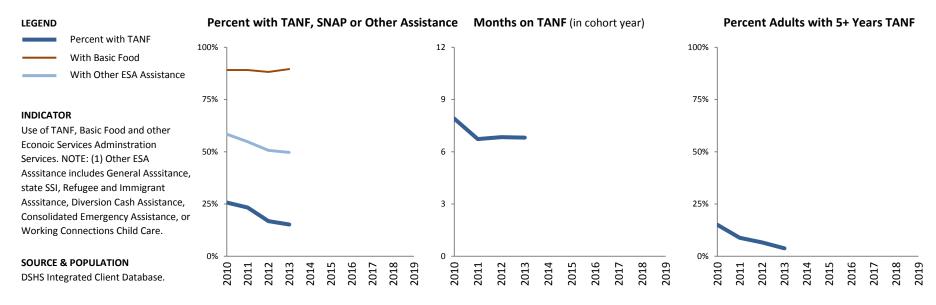
Percent Diagnosed with Psychotic Disorder



SEPTEMBER 2016

**DISPLAY 8a** 

#### **Economic Services Utilization**



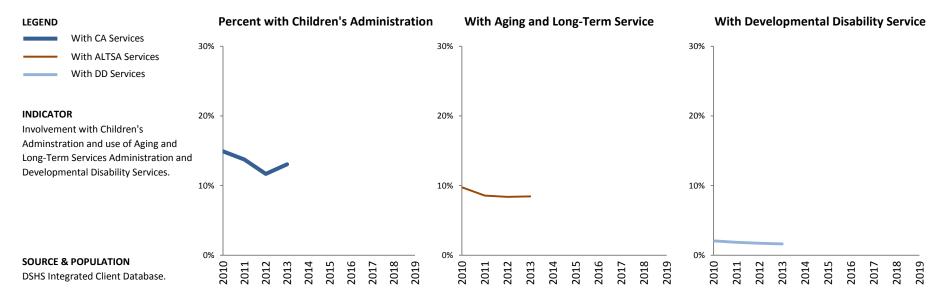
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	2,134	2,315	2,519	2,466						
Total with TANF	547	539	423	374						
Percent with TANF	25.6%	23.3%	16.8%	15.2%						
Average Number of Months a Family is on TANF	7.9	6.7	6.8	6.8						
Total Adults with TANF for 5 or More Years	321	205	166	93						
Percent with TANF for 5 or More Years	15.0%	8.9%	6.6%	3.8%						
Total with Basic Food Assistance (SNAP)	1,902	2,062	2,221	2,209						
Percent with Basic Food Assistance (SNAP)	89.1%	89.1%	88.2%	89.6%						
Total with Other ESA Asssitance	1,246	1,268	1,276	1,224						
Percent with Other ESA Asssitance	58.4%	54.8%	50.7%	49.6%						



SEPTEMBER 2016

**DISPLAY 8b** 

#### **Social Service Utilization**



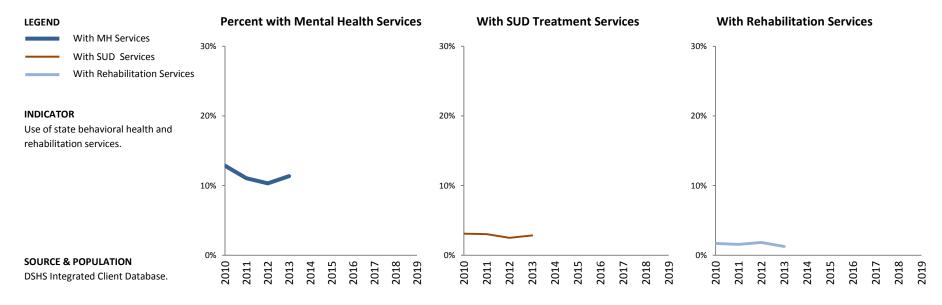
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	2,134	2,315	2,519	2,466						
Total with Children's Administration Services	318	318	294	322						
Percent with Children's Administration Services	14.9%	13.7%	11.7%	13.1%						
Total with Aging and Long-Term Services	208	198	211	208						
Percent with Aging and Long-Term Services	9.7%	8.6%	8.4%	8.4%						
Total with Developmental Disability Services	44	43	43	40						
Percent with Developmental Disability Services	2.1%	1.9%	1.7%	1.6%						



SEPTEMBER 2016

**DISPLAY 8c** 

#### **Behavioral Health and Rehabilitation Service Utilization**



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	2,134	2,315	2,519	2,466						
Total with Mental Health Services	274	256	260	280						
Percent with Mental Health Services	12.8%	11.1%	10.3%	11.4%						
Total with SUD Treatment Services	66	70	63	70						
Percent with SUD Treatment Services	3.1%	3.0%	2.5%	2.8%						
Total with Rehabilitation Administration Services	36	36	46	31						
Percent with Rehabilitation Administration Services	1.7%	1.6%	1.8%	1.3%						

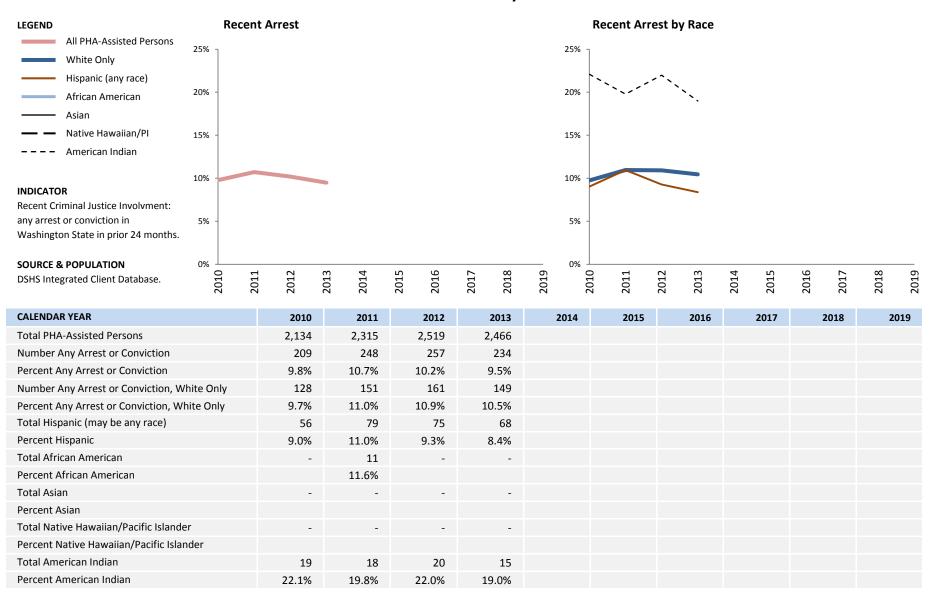




SEPTEMBER 2016

DISPLAY 9a

#### **Recent Criminal Justice Involvement - By Race**



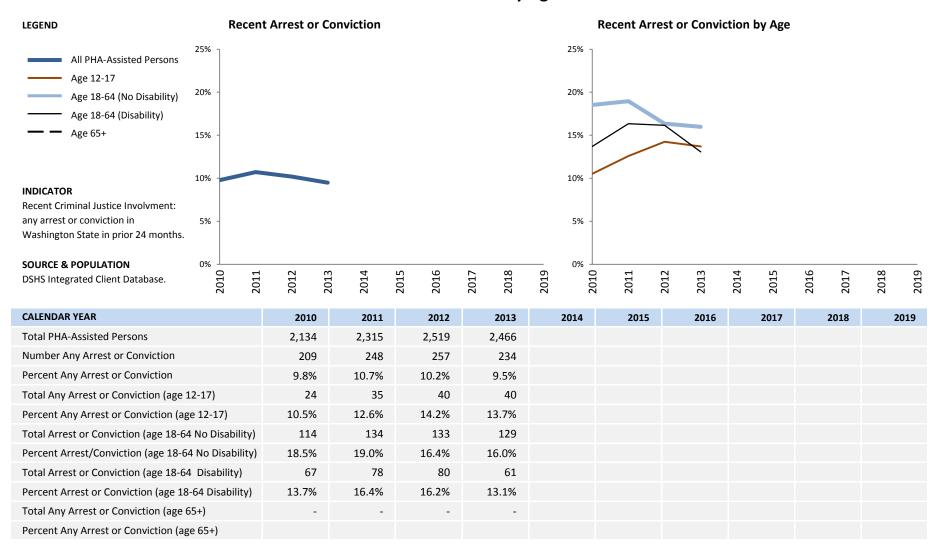




SEPTEMBER 2016

**DISPLAY 9b** 

#### **Recent Criminal Justice Involvement - By Age**





**Back to Contents** 

**SEPTEMBER 2016** 

#### **TECHNICAL NOTES**

#### **POPULATION**

All DSHS- and HCA-served persons with any PHA assisted housing during the calendar year. Household relationships are based on PHA household identifiers.

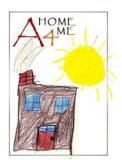
#### **DATA SOURCES**

- DSHS Integrated Client Database (ICDB)
- HUD Public and Indian Housing Information Center (PIC). Does not include data from TRACS.
- DSHS Community Outcome and Risk Evaluation Information System (CORE)

#### **MEASURES**

- Single-Parent Households: Derived from PHA household identifier. No other adults (18 or over) associated with the household. Excludes single-parent households with children 18 or over. (PIC)
- English Language Learners: Received translation or other similar services from DSHS. (ICDB)
- Non-Citizen: Source, PIC.
- · Housing Program: Derived from PIC program codes. "Unassigned" households have missing program types. (PIC)
- Race and Ethnicity: Derived from PIC unless missing. Missing values in PIC are replaced with values form the ICDB where available.
- Disability: Based on receipt of Supplementary Security Income (SSI) or Medicaid for disability. (ICDB)
- Employment and Earnings: Based on quarterly earnings and hours reported to the Washington State Employment Security Department for the purposes of unemployment insurance. Wages are calculated from total reported earnings and hours. Average monthly earnings are quarterly earnings divided by three. (ICDB)
- Employment Outcomes: Compares baseline employment rates in each cohort year with employment rates experienced by the same cohort two years later. (ICDB)
- Diabetes, Hypertension and Asthma: Rates are based on presence of relevant diagnoses, procedures or prescriptions in Medicaid claims or encounters. (ICDB)
- Emergency Department Use: Utilization based on Medicaid claims and encounters. (ICDB)
- Mental Health Treatment Need (MH Indicator): In the past 24 months, any mental health diagnosis, prescription or service recorded in administrative data. The following diagnostic categories are included: Psychotic, Bipolar, Depressive, Anxiety, Adjustment, and ADHD/Conduct/Impulse. The following medication classes are included: Antipsychotic, Antimania, Antidepressant, Antianxiety, and ADHD. Mental health services include state contracted community inpatient or outpatient, state hospital or children's long-term inpatient, HCA-funded mental health services, tribal mental health services, and Children's Administration Behavioral Rehabilitation Services. (ICDB)
- Substance Use Disorder Treatment Need (SUD): In the past 24 months, at least one substance-related diagnosis, procedure, prescription, treatment, or arrest.
- Co-Occurring Treatment Needs (MH + SUD): Presence of both a mental health treatment need and substance use disorder treatment need during the same 24-month period.
- TANF, SNAP or Other Assistance: Refers to financial assistance provided through the State Economic Services Administration (ESA). Count includes persons with at least one month of Temporary Assistance for Needy Families (TANF), Supplemental Nutrition Assistance Program (SNAP) or other assistance administered by ESA in the cohort year.
- Months on TANF: Total number of months TANF receipt in the cohort year. (ICDB)
- 5+ Years TANF: Count of persons with five or more years of lifetime TANF receipt, as adults. ICDB)
- Social Service Utilization: Count of persons service by DSHS administrations services, including Children's, Aging and Adult Services, Developmental, Disability, Behavioral Health (state-funded mental health and SUD treatment) and Rehabilitation services. (ICDB)
- Criminal Justice Involvement: Any arrest or conviction in prior 24 months. (ICDB)

**SEPTEMBER 2016** 



**CONTRIBUTORS** 

Jim Mayfield, RDA | Joyce Fan, RDA | Andrés Soriano, RDA | Barbara E.M. Felver, RDA

https://www.dshs.wa.gov/sesa/rda/research-reports