

#### 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 Thurston County 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.

**Back to Contents** 

SEPTEMBER 2016

#### **CONTENTS**

#### Introduction

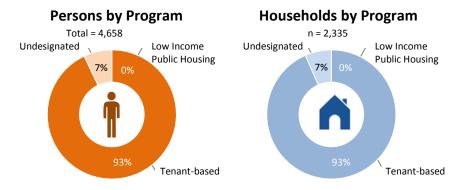
- O At a Glance: Summary Measures
- 1 Households and Persons
- 2 Households and Persons by Program
- 3 Race and Ethnicity
- 4 Gender, Age and Disability Distribution
- <u>5a</u> Employment and Earnings
- 5b Two-Year Employment Outcomes
- 6a Health Indicators (All Ages)
- 6b Health Indicators Children 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)
- 7b 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
- 8c 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**

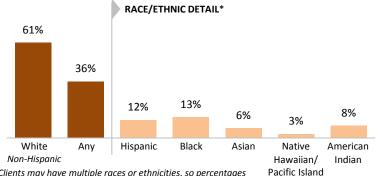


**SEPTEMBER 2016** 

#### AT A GLANCE | SFY 2013

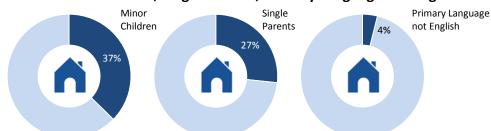


### Persons by Race/Ethnicity RACE/ETHNIC DETAIL\*



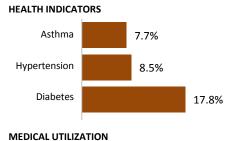
\*Clients may have multiple races or ethnicities, so percentages will exceed Any Minority.

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



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

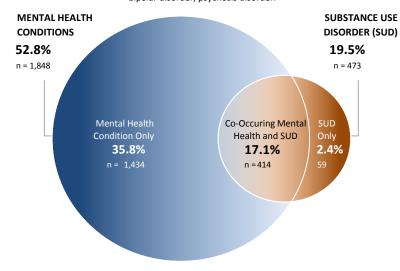
Among those with Medicaid coverage (n = 3,499, 81.6%). Percent with these conditions or visiting an Emergency Department (ED).





#### **Behavioral Health Conditions**

Among those with Medicaid coverage (n = 3,499, 81.6%). Mental health conditions include depression, bipolar disorder, psychosis disorder.



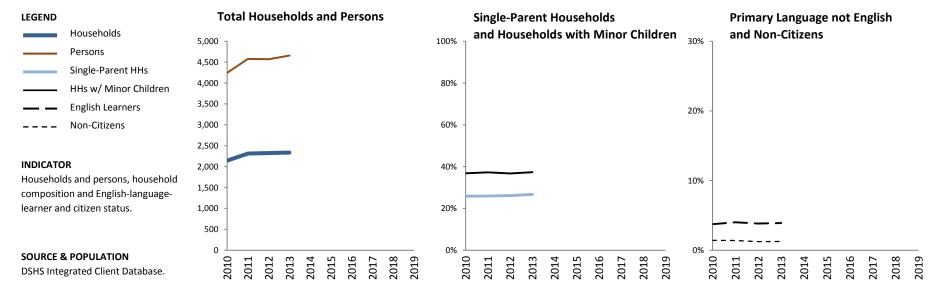




SEPTEMBER 2016

DISPLAY 1

### **Households and Persons**



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total Households in PHA-Assisted Housing	2,146	2,312	2,324	2,335						
Total Persons in PHA-Assisted Housing	4,243	4,578	4,571	4,658						
Total Single-Parent Households	555	600	608	623						
Percent Single-Parent Households	25.9%	26.0%	26.2%	26.7%						
Total Households with Minor Children	790	861	853	871						
Percent Households with Minor Children	36.8%	37.2%	36.7%	37.3%						
Total Primary Language not English	80	93	89	91						
Percent Primary Language not English	3.7%	4.0%	3.8%	3.9%						
Non-Citizen	60	64	56	59						
Percent Non-Citizens	1.4%	1.4%	1.2%	1.3%						

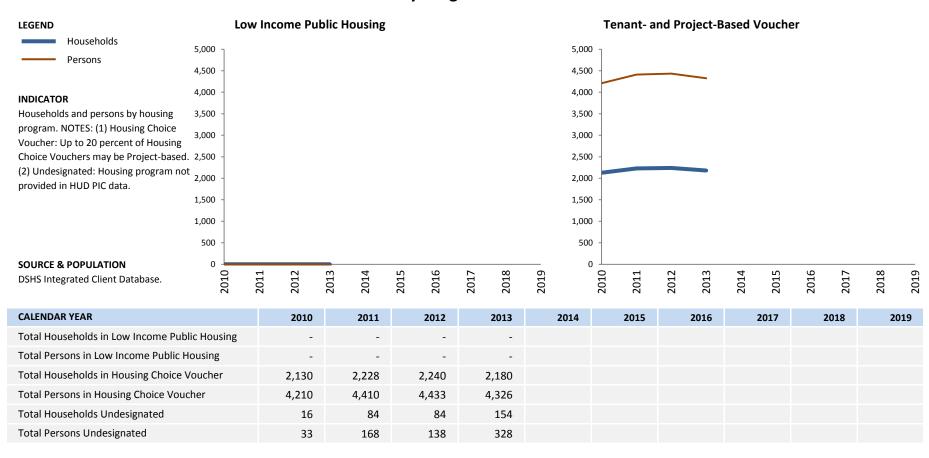


**Back to Contents** 

SEPTEMBER 2016

DISPLAY 2

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



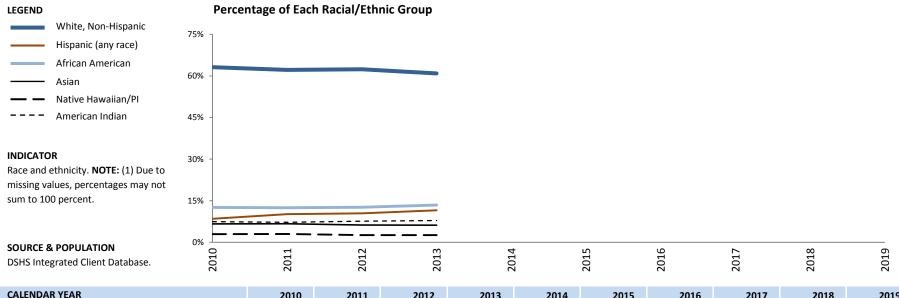


**Back to Contents** 

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	4,243	4,578	4,571	4,658						
Total White, Non-Hispanic	2,679	2,845	2,851	2,836						
Percent White, Non-Hispanic	63.1%	62.1%	62.4%	60.9%						
Total Minority (any minority race/ethnicity)	1,418	1,581	1,580	1,688						
Percent Minority (any minority race/ethnicity)	33.4%	34.5%	34.6%	36.2%						
Total Hispanic (may be any race)	360	464	476	537						
Percent Hispanic	8.5%	10.1%	10.4%	11.5%						
Total African American	534	571	577	625						
Percent African American	12.6%	12.5%	12.6%	13.4%						
Total Asian	281	306	285	286						
Percent Asian	6.6%	6.7%	6.2%	6.1%						
Total Native Hawaiian/Pacific Islander	124	137	119	121						
Percent Native Hawaiian/Pacific Islander	2.9%	3.0%	2.6%	2.6%						
Total American Indian	315	331	347	366						
Percent American Indian	7.4%	7.2%	7.6%	7.9%						

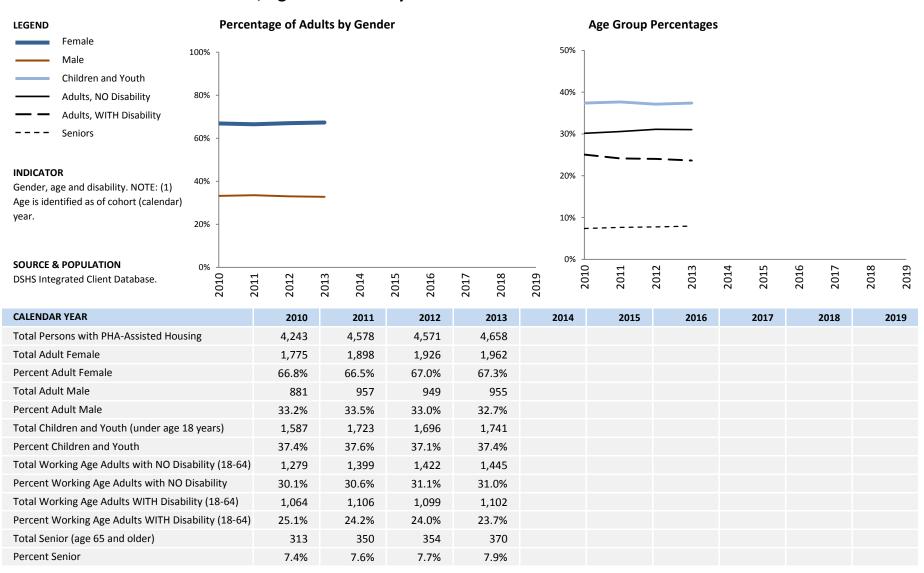


**Back to Contents** 

SEPTEMBER 2016

DISPLAY 4

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



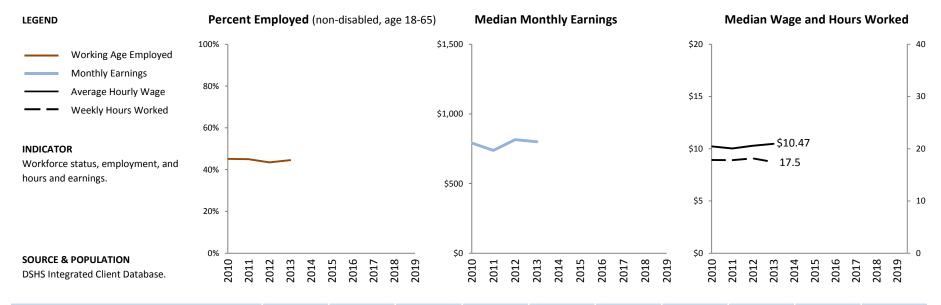




SEPTEMBER 2016

**DISPLAY 5a** 

### **Employment and Earnings**



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	4,243	4,578	4,571	4,658						
Total Working Age (not disabled, age 18 to 65)	1,279	1,399	1,422	1,445						
Percent Working Age	30.1%	30.6%	31.1%	31.0%						
Total Employed at any Time in the Year	577	629	618	644						
Percent Employed at any Time in the Year	45.1%	45.0%	43.5%	44.6%						
Median Monthly Earnings (employed only)	\$791	\$738	\$815	\$801						
Median Hourly Wage Rate (employed only)	\$10.22	\$10.03	\$10.28	\$10.47						
Median Weekly Hours (employed only)	17.8	17.8	18.2	17.5						

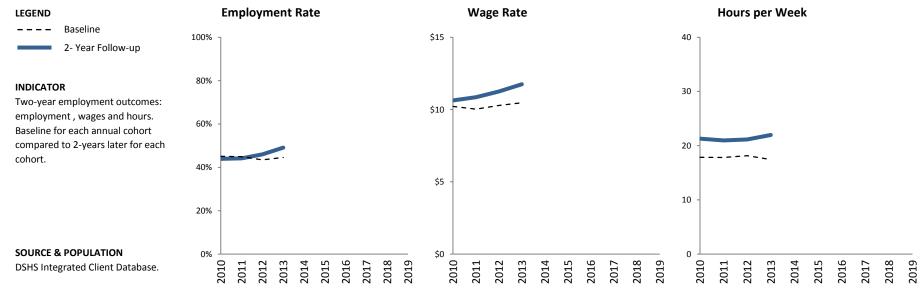


**Back to Contents** 

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)	1,279	1,399	1,422	1,445						
Employed at Baseline (at cohort year)	577	629	618	644						
Employed 2 Years Later (2 years after cohort year)	562	618	654	709						
Percent Employed at Baseline	45.1%	45.0%	43.5%	44.6%						
Percent Employed 2 years Later	43.9%	44.2%	46.0%	49.1%						
Median Monthly Earnings at baseline	\$791	\$738	\$815	\$801						
Median Monthly Earnings 2 years Later	\$1,013	\$1,020	\$1,075	\$1,140						
Median Wage Rate at Baseline	\$10.22	\$10.03	\$10.28	\$10.47						
Median Wage Rate 2 Years Later	\$10.62	\$10.85	\$11.25	\$11.74						
Median Weekly Hours at Baseline	17.8	17.8	18.2	17.5						
Median Weekly Hours 2 Years Later	21.3	21.0	21.1	22.0						

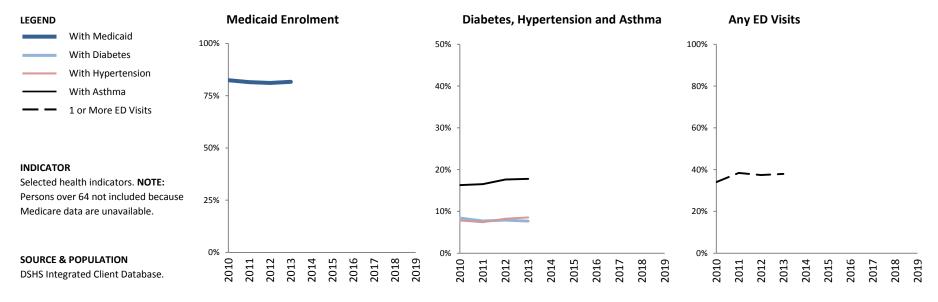




SEPTEMBER 2016

DISPLAY 6

### Health Indicators (Age 0 to 64)



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	3,930	4,228	4,217	4,288						
Total with Medicaid Coverage	3,237	3,446	3,420	3,499						
Percent with Medicaid Coverage	82.4%	81.5%	81.1%	81.6%						
Total with Diabetes	272	266	270	269						
Percent with Diabetes	8.4%	7.7%	7.9%	7.7%						
Total with Hypertension	254	255	283	299						
Percent with Hypertension	7.8%	7.4%	8.3%	8.5%						
Total with Asthma	527	570	603	623						
Percent with Asthma	16.3%	16.5%	17.6%	17.8%						
Total with 1 or More ED Visits (in cohort year)	1,102	1,324	1,280	1,328						
Percent with 1 or More ED Visits (in cohort year)	34.0%	38.4%	37.4%	38.0%						

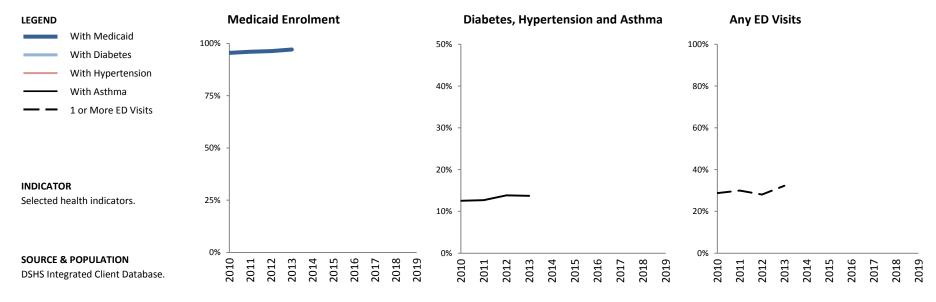




SEPTEMBER 2016

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	1,587	1,723	1,696	1,741						
Total with Medicaid Coverage	1,516	1,654	1,634	1,690						
Percent with Medicaid Coverage	95.5%	96.0%	96.3%	97.1%						
Total with Diabetes	-	-	-	-						
Percent with Diabetes										
Total with Hypertension	-	-	-	-						
Percent with Hypertension										
Total with Asthma	190	210	226	232						
Percent with Asthma	12.5%	12.7%	13.8%	13.7%						
Total with 1 or More ED Visits (in cohort year)	436	496	459	545						
Percent with 1 or More ED Visits (in cohort year)	28.8%	30.0%	28.1%	32.2%						

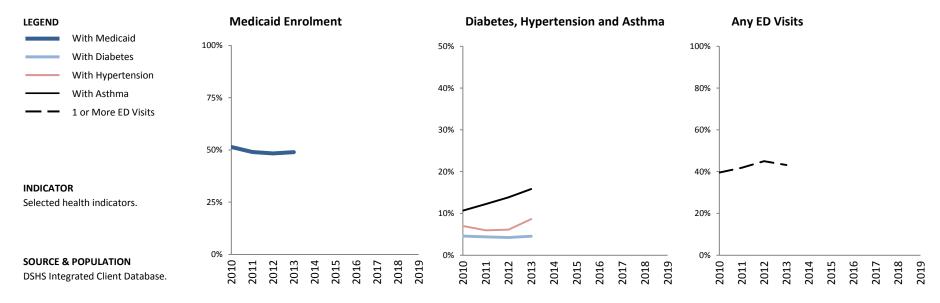




SEPTEMBER 2016

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	1,279	1,399	1,422	1,445						
Total with Medicaid Coverage	657	686	687	707						
Percent with Medicaid Coverage	51.4%	49.0%	48.3%	48.9%						
Total with Diabetes	30	30	29	32						
Percent with Diabetes	4.6%	4.4%	4.2%	4.5%						
Total with Hypertension	46	41	42	61						
Percent with Hypertension	7.0%	6.0%	6.1%	8.6%						
Total with Asthma	70	84	95	112						
Percent with Asthma	10.7%	12.2%	13.8%	15.8%						
Total with 1 or More ED Visits (in cohort year)	260	287	309	305						
Percent with 1 or More ED Visits (in cohort year)	39.6%	41.8%	45.0%	43.1%						

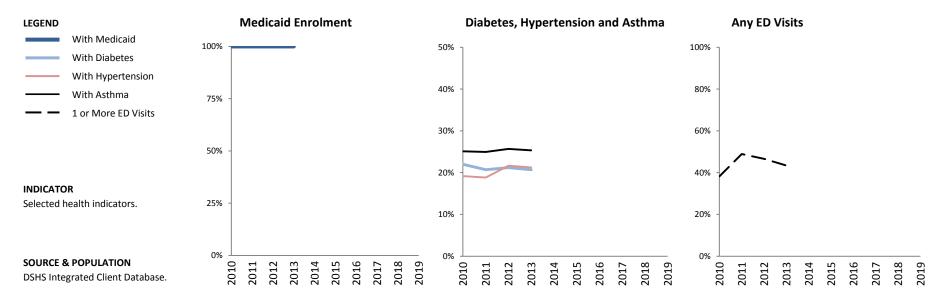




SEPTEMBER 2016

DISPLAY 6

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



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	1,064	1,106	1,099	1,102						
Total with Medicaid Coverage	1,064	1,106	1,099	1,102						
Percent with Medicaid Coverage	100.0%	100.0%	100.0%	100.0%						
Total with Diabetes	234	229	233	228						
Percent with Diabetes	22.0%	20.7%	21.2%	20.7%						
Total with Hypertension	204	208	238	234						
Percent with Hypertension	19.2%	18.8%	21.7%	21.2%						
Total with Asthma	267	276	282	279						
Percent with Asthma	25.1%	25.0%	25.7%	25.3%						
Total with 1 or More ED Visits (in cohort year)	406	541	512	478						
Percent with 1 or More ED Visits (in cohort year)	38.2%	48.9%	46.6%	43.4%						

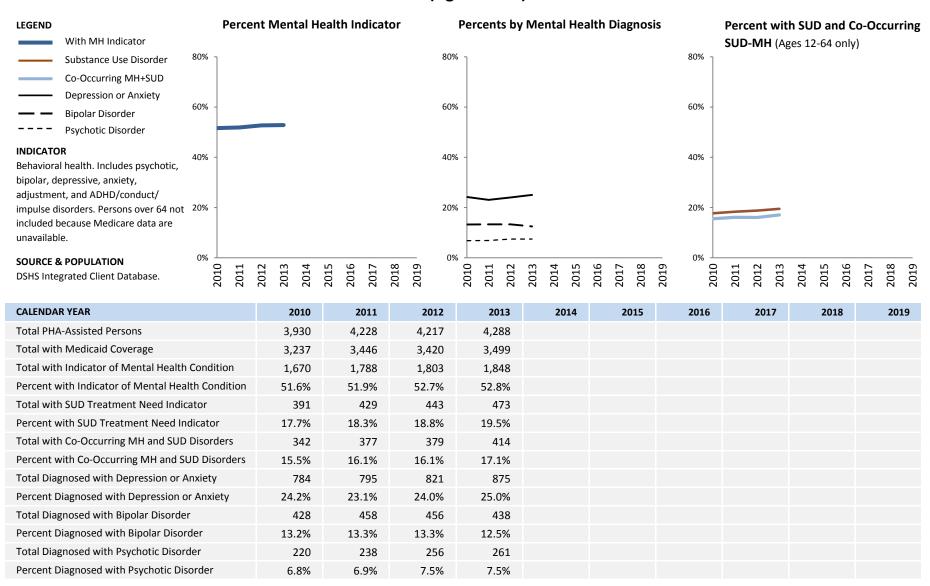


**Back to Contents** 

SEPTEMBER 2016

DISPLAY 7a

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



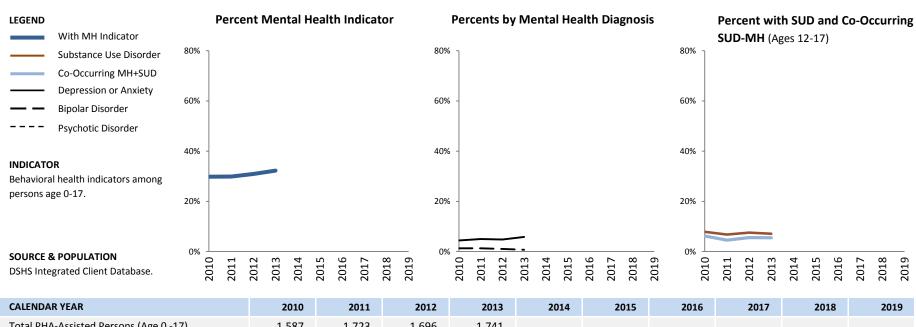


**Back to Contents** 

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)	1,587	1,723	1,696	1,741						
Total with Medicaid Coverage	1,516	1,654	1,634	1,690						
Total with Indicator of Mental Health Condition	452	494	505	545						
Percent with Indicator of Mental Health Condition	29.8%	29.9%	30.9%	32.2%						
Total with SUD Treatment Need Indicator	38	37	43	44						
Percent with SUD Treatment Need Indicator	7.9%	6.8%	7.5%	7.1%						
Total with Co-Occurring MH and SUD Disorders	30	25	32	34						
Percent with Co-Occurring MH and SUD Disorders	6.2%	4.6%	5.6%	5.5%						
Total Diagnosed with Depression or Anxiety	67	83	79	99						
Percent Diagnosed with Depression or Anxiety	4.4%	5.0%	4.8%	5.9%						
Total Diagnosed with Bipolar Disorder	20	22	17	12						
Percent Diagnosed with Bipolar Disorder	1.3%	1.3%	1.0%	0.7%						
Total Diagnosed with Psychotic Disorder	-	-	-	12						
Percent Diagnosed with Psychotic Disorder				0.7%						

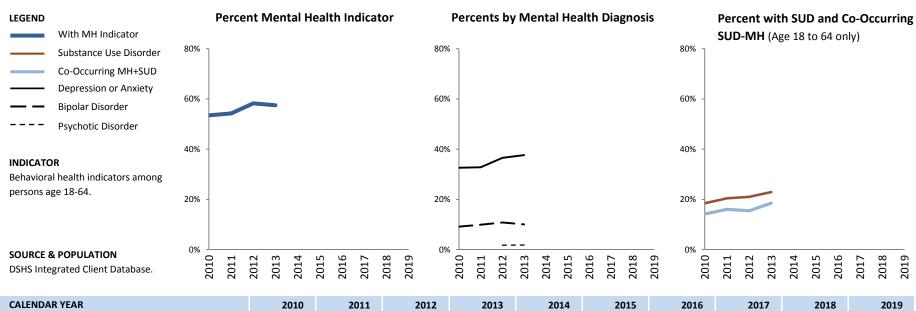


**Back to Contents** 

SEPTEMBER 2016

DISPLAY 7c

### Behavioral 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 (Age 18 - 64 & not disab	1,279	1,399	1,422	1,445						
Total with Medicaid Coverage	657	686	687	707						
Total with Indicator of Mental Health Condition	351	372	400	406						
Percent with Indicator of Mental Health Condition	53.4%	54.2%	58.2%	57.4%						
Total with SUD Treatment Need Indicator	121	140	144	162						
Percent with SUD Treatment Need Indicator	18.4%	20.4%	21.0%	22.9%						
Total with Co-Occurring MH and SUD Disorders	93	110	106	131						
Percent with Co-Occurring MH and SUD Disorders	14.2%	16.0%	15.4%	18.5%						
Total Diagnosed with Depression or Anxiety	214	225	251	266						
Percent Diagnosed with Depression or Anxiety	32.6%	32.8%	36.5%	37.6%						
Total Diagnosed with Bipolar Disorder	60	68	74	71						
Percent Diagnosed with Bipolar Disorder	9.1%	9.9%	10.8%	10.0%						
Total Diagnosed with Psychotic Disorder	-	-	12	13						
Percent Diagnosed with Psychotic Disorder			1.7%	1.8%						

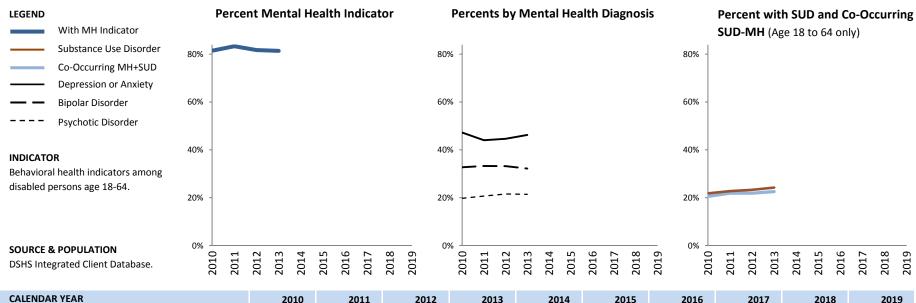


**Back to Contents** 

SEPTEMBER 2016

DISPLAY 7d

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



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons (Age 18 - 64 & Disabled)	1,064	1,106	1,099	1,102						
Total with Medicaid Coverage	1,064	1,106	1,099	1,102						
Total with Indicator of Mental Health Condition	867	922	898	897						
Percent with Indicator of Mental Health Condition	81.5%	83.4%	81.7%	81.4%						
Total with SUD Treatment Need Indicator	232	252	256	267						
Percent with SUD Treatment Need Indicator	21.8%	22.8%	23.3%	24.2%						
Total with Co-Occurring MH and SUD Disorders	219	242	241	249						
Percent with Co-Occurring MH and SUD Disorders	20.6%	21.9%	21.9%	22.6%						
Total Diagnosed with Depression or Anxiety	503	487	491	510						
Percent Diagnosed with Depression or Anxiety	47.3%	44.0%	44.7%	46.3%						
Total Diagnosed with Bipolar Disorder	348	368	365	355						
Percent Diagnosed with Bipolar Disorder	32.7%	33.3%	33.2%	32.2%						
Total Diagnosed with Psychotic Disorder	210	229	237	236						
Percent Diagnosed with Psychotic Disorder	19.7%	20.7%	21.6%	21.4%						

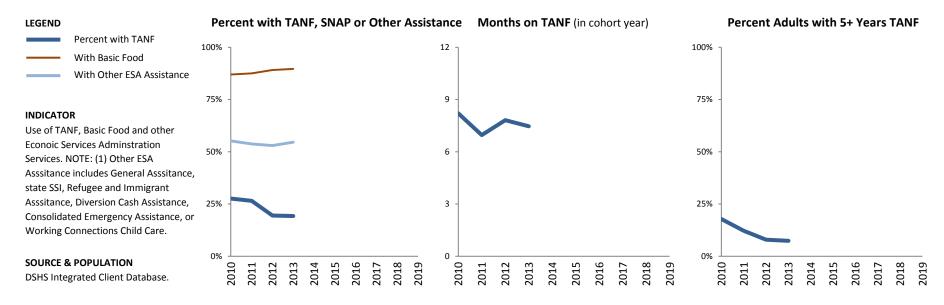


**Back to Contents** 

SEPTEMBER 2016

**DISPLAY 8a** 

#### **Economic Services Utilization**



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	4,243	4,578	4,571	4,658						
Total with TANF	1,171	1,214	891	896						
Percent with TANF	27.6%	26.5%	19.5%	19.2%						
Average Number of Months a Family is on TANF	8.2	7.0	7.8	7.5						
Total Adults with TANF for 5 or More Years	754	559	361	344						
Percent with TANF for 5 or More Years	17.8%	12.2%	7.9%	7.4%						
Total with Basic Food Assistance (SNAP)	3,689	4,007	4,073	4,176						
Percent with Basic Food Assistance (SNAP)	86.9%	87.5%	89.1%	89.7%						
Total with Other ESA Asssitance	2,342	2,458	2,419	2,540						
Percent with Other ESA Asssitance	55.2%	53.7%	52.9%	54.5%						

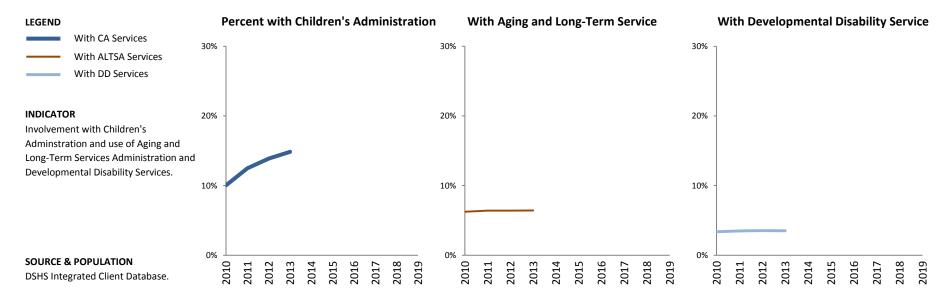


**Back to Contents** 

SEPTEMBER 2016

**DISPLAY 8b** 

#### **Social Service Utilization**



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	4,243	4,578	4,571	4,658						
Total with Children's Administration Services	426	571	634	691						
Percent with Children's Administration Services	10.0%	12.5%	13.9%	14.8%						
Total with Aging and Long-Term Services	265	293	293	299						
Percent with Aging and Long-Term Services	6.2%	6.4%	6.4%	6.4%						
Total with Developmental Disability Services	143	160	161	163						
Percent with Developmental Disability Services	3.4%	3.5%	3.5%	3.5%						

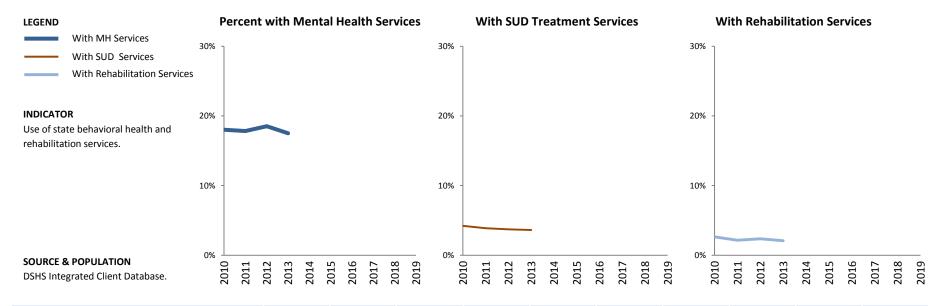


**Back to Contents** 

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	4,243	4,578	4,571	4,658						
Total with Mental Health Services	764	816	846	816						
Percent with Mental Health Services	18.0%	17.8%	18.5%	17.5%						
Total with SUD Treatment Services	179	177	170	169						
Percent with SUD Treatment Services	4.2%	3.9%	3.7%	3.6%						
Total with Rehabilitation Administration Services	112	98	108	97						
Percent with Rehabilitation Administration Services	2.6%	2.1%	2.4%	2.1%						

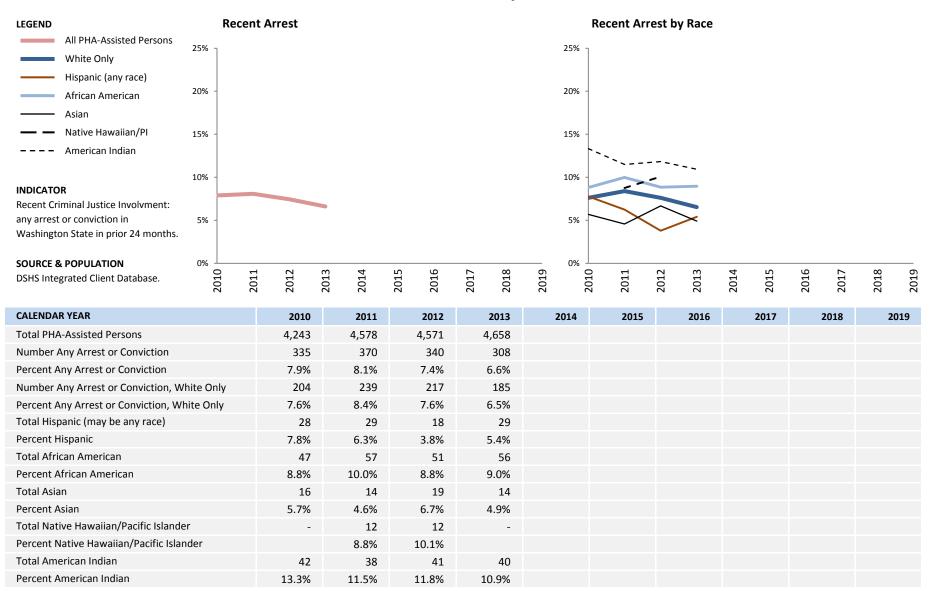


**Back to Contents** 

SEPTEMBER 2016

DISPLAY 9a

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



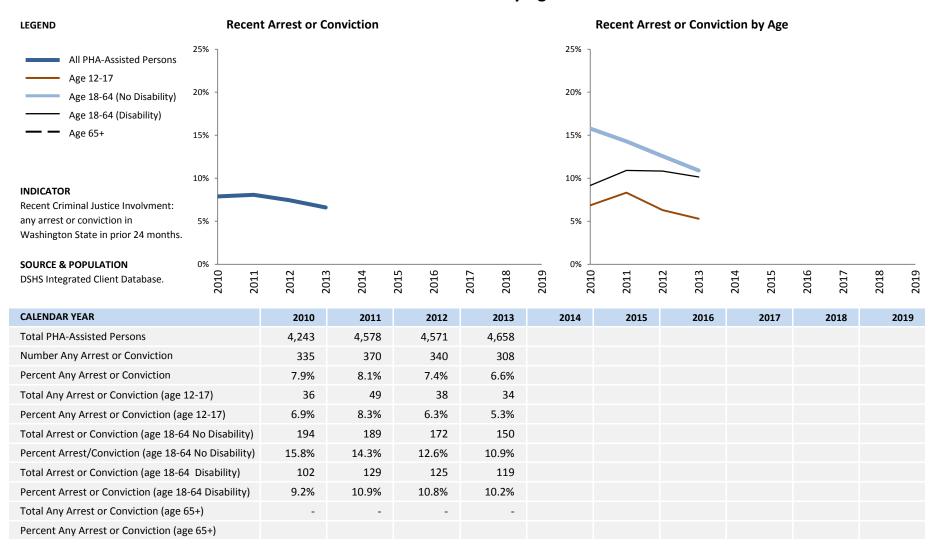


**Back to Contents** 

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