

#### 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 Kennewick 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**

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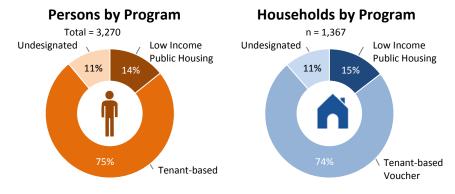
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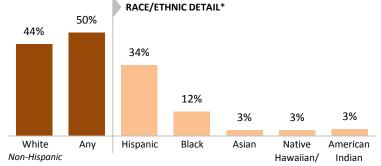


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#### AT A GLANCE | SFY 2013



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



\*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**

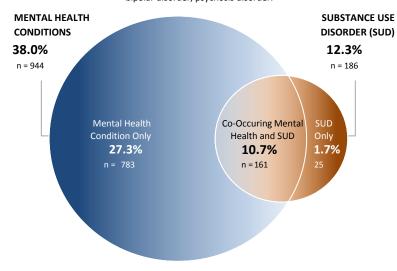
Among those with Medicaid coverage (n = 2,484, 82.5%). Percent with these conditions or visiting an Emergency Department (ED).

# Asthma 7.6% Hypertension 7.1% Diabetes 14.3%



#### **Behavioral Health Conditions**

Among those with Medicaid coverage (n = 2,484, 82.5%). Mental health conditions include depression, bipolar disorder, psychosis disorder.



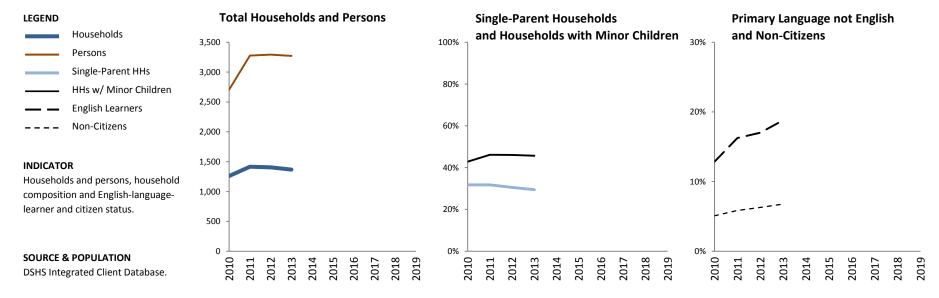




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DISPLAY 1

#### **Households and Persons**



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total Households in PHA-Assisted Housing	1,261	1,415	1,404	1,367						
Total Persons in PHA-Assisted Housing	2,707	3,276	3,293	3,270						
Total Single-Parent Households	400	449	429	403						
Percent Single-Parent Households	31.7%	31.7%	30.6%	29.5%						
Total Households with Minor Children	540	653	647	625						
Percent Households with Minor Children	42.8%	46.1%	46.1%	45.7%						
Total Primary Language not English	162	230	239	257						
Percent Primary Language not English	12.8%	16.3%	17.0%	18.8%						
Non-Citizen	138	192	207	221						
Percent Non-Citizens	5.1%	5.9%	6.3%	6.8%						

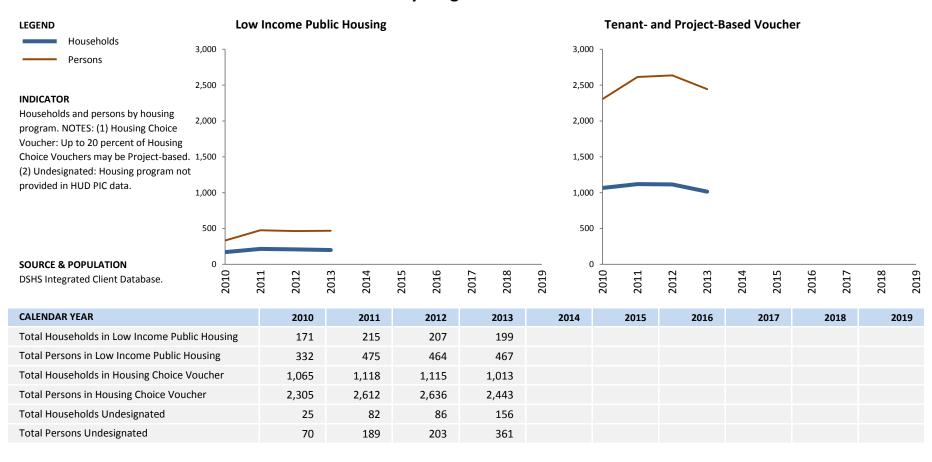




SEPTEMBER 2016

DISPLAY 2

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

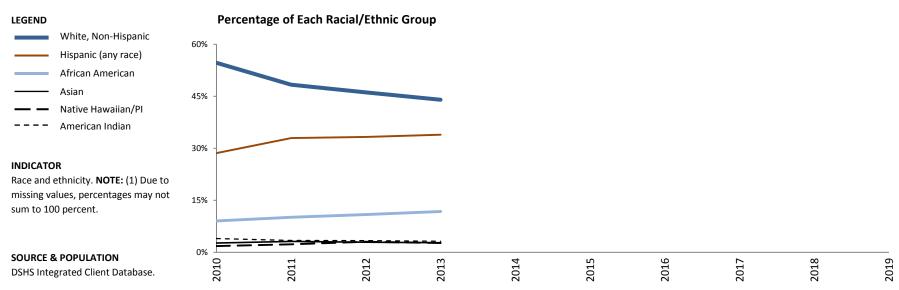




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DISPLAY 3

#### **Race and Ethnicity**



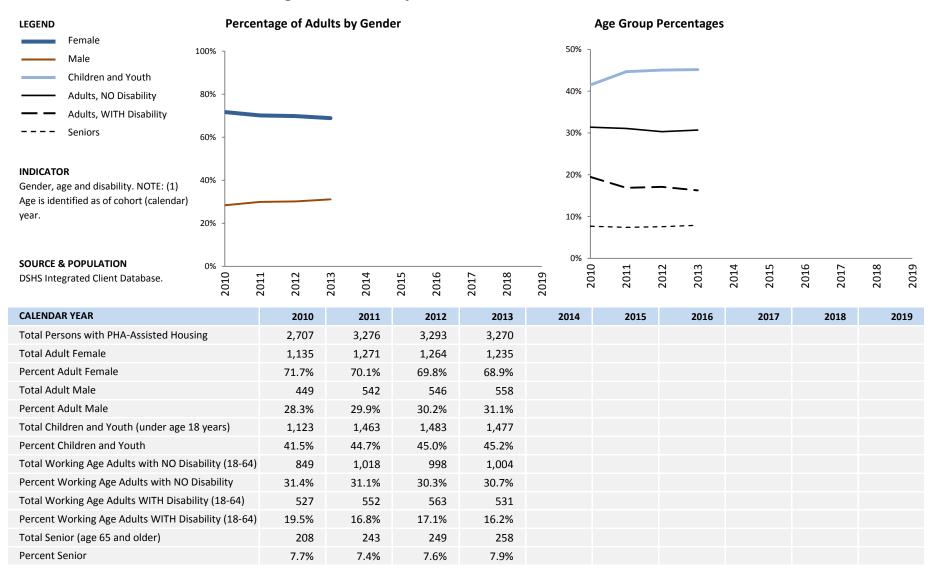
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total Persons with PHA-Assisted Housing	2,707	3,276	3,293	3,270						
Total White, Non-Hispanic	1,480	1,583	1,519	1,439						
Percent White, Non-Hispanic	54.7%	48.3%	46.1%	44.0%						
Total Minority (any minority race/ethnicity)	1,148	1,558	1,601	1,624						
Percent Minority (any minority race/ethnicity)	42.4%	47.6%	48.6%	49.7%						
Total Hispanic (may be any race)	774	1,079	1,096	1,109						
Percent Hispanic	28.6%	32.9%	33.3%	33.9%						
Total African American	245	331	358	384						
Percent African American	9.1%	10.1%	10.9%	11.7%						
Total Asian	72	102	96	91						
Percent Asian	2.7%	3.1%	2.9%	2.8%						
Total Native Hawaiian/Pacific Islander	48	76	100	87						
Percent Native Hawaiian/Pacific Islander	1.8%	2.3%	3.0%	2.7%						
Total American Indian	107	111	110	104						
Percent American Indian	4.0%	3.4%	3.3%	3.2%						



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**DISPLAY 4** 

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



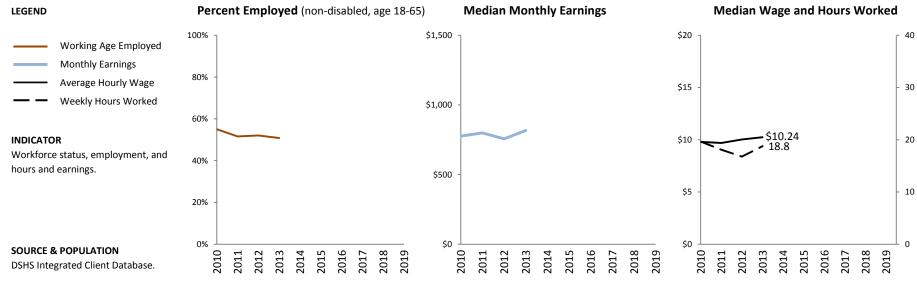




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**DISPLAY 5a** 

#### **Employment and Earnings**



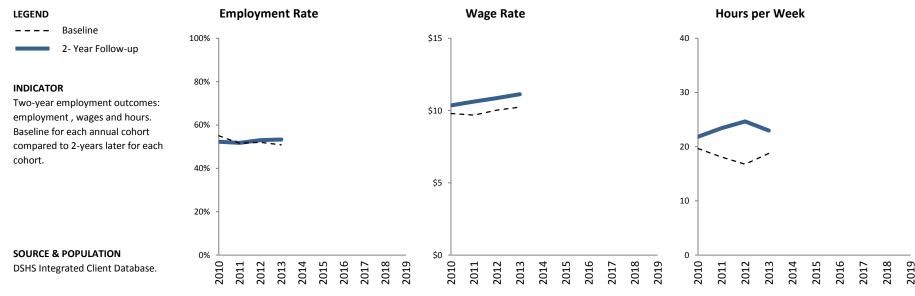
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	2,707	3,276	3,293	3,270						
Total Working Age (not disabled, age 18 to 65)	849	1,018	998	1,004						
Percent Working Age	31.4%	31.1%	30.3%	30.7%						
Total Employed at any Time in the Year	467	525	519	510						
Percent Employed at any Time in the Year	55.0%	51.6%	52.0%	50.8%						
Median Monthly Earnings (employed only)	\$776	\$799	\$756	\$816						
Median Hourly Wage Rate (employed only)	\$9.80	\$9.68	\$10.02	\$10.24						
Median Weekly Hours (employed only)	19.7	18.1	16.8	18.8						



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DISPLAY 5b

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



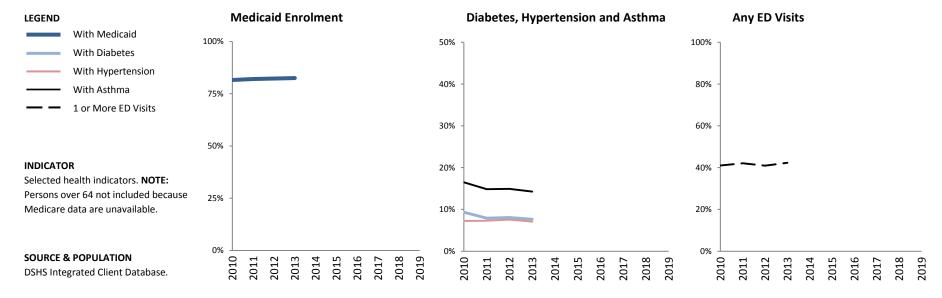
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total Working Age (not disabled)	849	1,018	998	1,004						
Employed at Baseline (at cohort year)	467	525	519	510						
Employed 2 Years Later (2 years after cohort year)	444	527	529	535						
Percent Employed at Baseline	55.0%	51.6%	52.0%	50.8%						
Percent Employed 2 years Later	52.3%	51.8%	53.0%	53.3%						
Median Monthly Earnings at baseline	\$776	\$799	\$756	\$816						
Median Monthly Earnings 2 years Later	\$946	\$1,065	\$1,131	\$1,095						
Median Wage Rate at Baseline	\$9.80	\$9.68	\$10.02	\$10.24						
Median Wage Rate 2 Years Later	\$10.36	\$10.62	\$10.87	\$11.12						
Median Weekly Hours at Baseline	19.7	18.1	16.8	18.8						
Median Weekly Hours 2 Years Later	21.8	23.4	24.7	23.0						



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DISPLAY 6

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



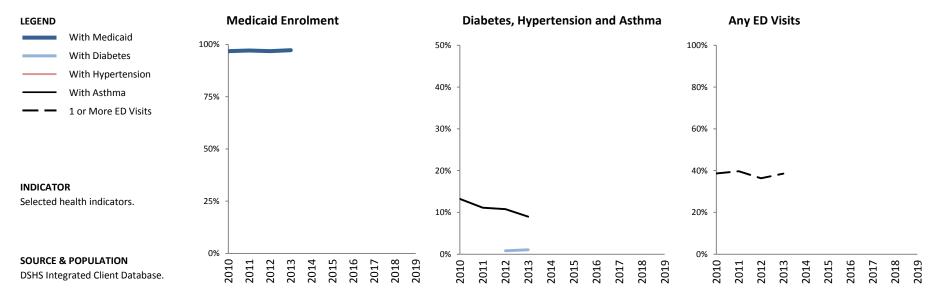
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	2,499	3,033	3,044	3,012						
Total with Medicaid Coverage	2,039	2,487	2,503	2,484						
Percent with Medicaid Coverage	81.6%	82.0%	82.2%	82.5%						
Total with Diabetes	190	197	202	190						
Percent with Diabetes	9.3%	7.9%	8.1%	7.6%						
Total with Hypertension	147	182	189	176						
Percent with Hypertension	7.2%	7.3%	7.6%	7.1%						
Total with Asthma	336	369	373	354						
Percent with Asthma	16.5%	14.8%	14.9%	14.3%						
Total with 1 or More ED Visits (in cohort year)	837	1,046	1,024	1,051						
Percent with 1 or More ED Visits (in cohort year)	41.0%	42.1%	40.9%	42.3%						



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DISPLAY 6

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



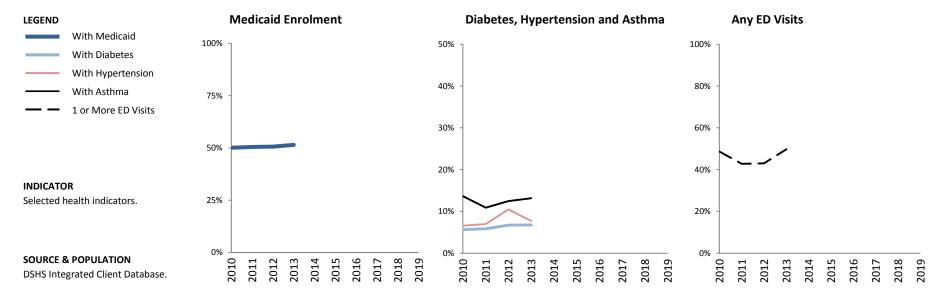
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	1,123	1,463	1,483	1,477						
Total with Medicaid Coverage	1,087	1,421	1,435	1,436						
Percent with Medicaid Coverage	96.8%	97.1%	96.8%	97.2%						
Total with Diabetes	-	-	12	15						
Percent with Diabetes			0.8%	1.0%						
Total with Hypertension	-	-	-	-						
Percent with Hypertension										
Total with Asthma	144	158	155	129						
Percent with Asthma	13.2%	11.1%	10.8%	9.0%						
Total with 1 or More ED Visits (in cohort year)	420	564	522	554						
Percent with 1 or More ED Visits (in cohort year)	38.6%	39.7%	36.4%	38.6%						



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DISPLAY 6

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



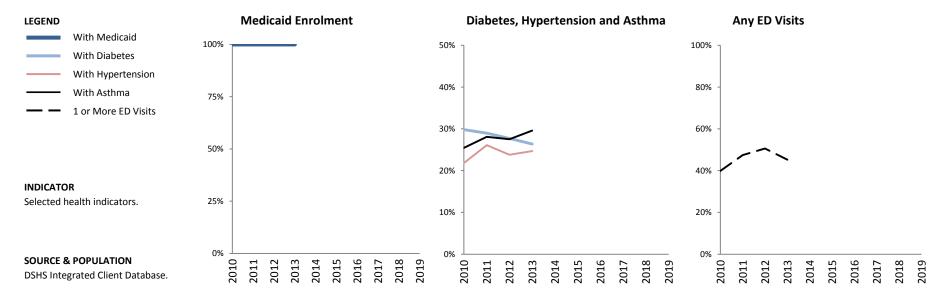
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	849	1,018	998	1,004						
Total with Medicaid Coverage	425	514	505	517						
Percent with Medicaid Coverage	50.1%	50.5%	50.6%	51.5%						
Total with Diabetes	24	30	34	35						
Percent with Diabetes	5.6%	5.8%	6.7%	6.8%						
Total with Hypertension	28	36	53	40						
Percent with Hypertension	6.6%	7.0%	10.5%	7.7%						
Total with Asthma	58	56	63	68						
Percent with Asthma	13.6%	10.9%	12.5%	13.2%						
Total with 1 or More ED Visits (in cohort year)	207	220	217	257						
Percent with 1 or More ED Visits (in cohort year)	48.7%	42.8%	43.0%	49.7%						



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DISPLAY 6

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



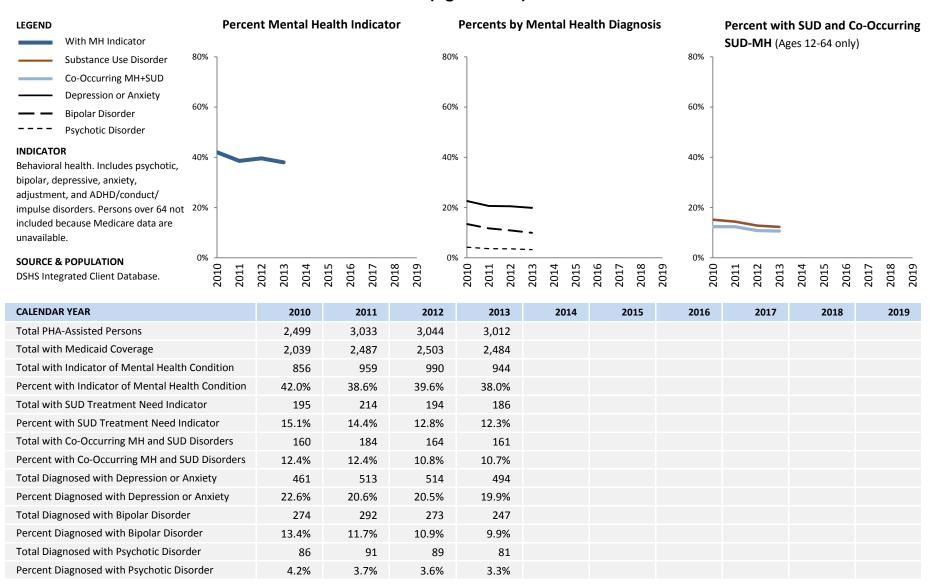
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	527	552	563	531						
Total with Medicaid Coverage	527	552	563	531						
Percent with Medicaid Coverage	100.0%	100.0%	100.0%	100.0%						
Total with Diabetes	157	160	156	140						
Percent with Diabetes	29.8%	29.0%	27.7%	26.4%						
Total with Hypertension	115	144	134	131						
Percent with Hypertension	21.8%	26.1%	23.8%	24.7%						
Total with Asthma	134	155	155	157						
Percent with Asthma	25.4%	28.1%	27.5%	29.6%						
Total with 1 or More ED Visits (in cohort year)	210	262	285	240						
Percent with 1 or More ED Visits (in cohort year)	39.8%	47.5%	50.6%	45.2%						



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DISPLAY 7a

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

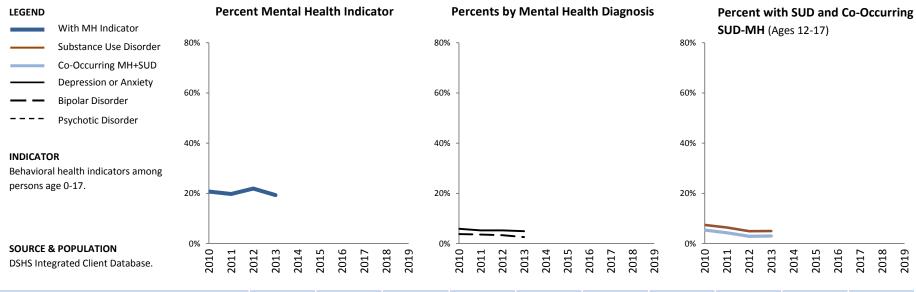




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DISPLAY 7b

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



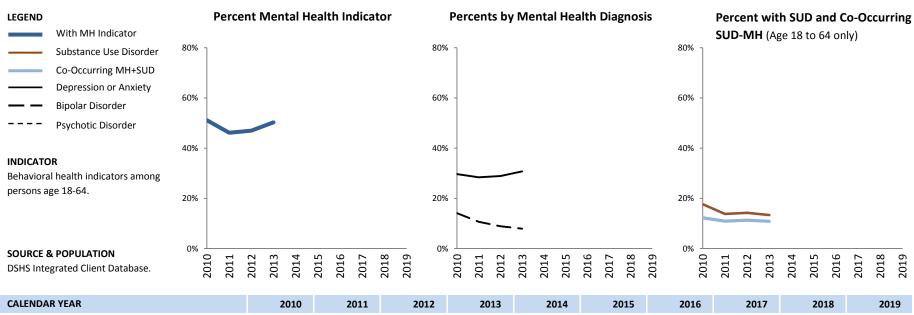
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons (Age 0 -17)	1,123	1,463	1,483	1,477						
Total with Medicaid Coverage	1,087	1,421	1,435	1,436						
Total with Indicator of Mental Health Condition	225	281	314	277						
Percent with Indicator of Mental Health Condition	20.7%	19.8%	21.9%	19.3%						
Total with SUD Treatment Need Indicator	25	27	22	23						
Percent with SUD Treatment Need Indicator	7.4%	6.4%	5.0%	5.0%						
Total with Co-Occurring MH and SUD Disorders	18	18	13	14						
Percent with Co-Occurring MH and SUD Disorders	5.4%	4.3%	2.9%	3.0%						
Total Diagnosed with Depression or Anxiety	64	75	75	71						
Percent Diagnosed with Depression or Anxiety	5.9%	5.3%	5.2%	4.9%						
Total Diagnosed with Bipolar Disorder	41	51	48	37						
Percent Diagnosed with Bipolar Disorder	3.8%	3.6%	3.3%	2.6%						
Total Diagnosed with Psychotic Disorder	-	-	-	-						
Percent Diagnosed with Psychotic Disorder										



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DISPLAY 7c

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



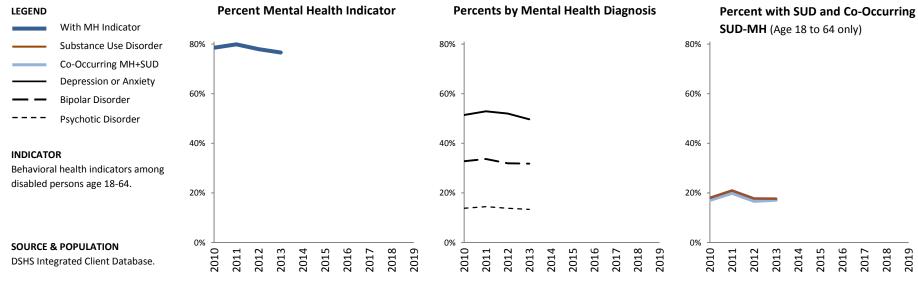
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons (Age 18 - 64 & not disab	849	1,018	998	1,004						
Total with Medicaid Coverage	425	514	505	517						
Total with Indicator of Mental Health Condition	217	237	237	260						
Percent with Indicator of Mental Health Condition	51.1%	46.1%	46.9%	50.3%						
Total with SUD Treatment Need Indicator	75	71	72	69						
Percent with SUD Treatment Need Indicator	17.6%	13.8%	14.3%	13.3%						
Total with Co-Occurring MH and SUD Disorders	52	56	57	56						
Percent with Co-Occurring MH and SUD Disorders	12.2%	10.9%	11.3%	10.8%						
Total Diagnosed with Depression or Anxiety	126	146	146	159						
Percent Diagnosed with Depression or Anxiety	29.6%	28.4%	28.9%	30.8%						
Total Diagnosed with Bipolar Disorder	60	55	45	41						
Percent Diagnosed with Bipolar Disorder	14.1%	10.7%	8.9%	7.9%						
Total Diagnosed with Psychotic Disorder	-	-	-	-						
Percent Diagnosed with Psychotic Disorder										



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DISPLAY 7d

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



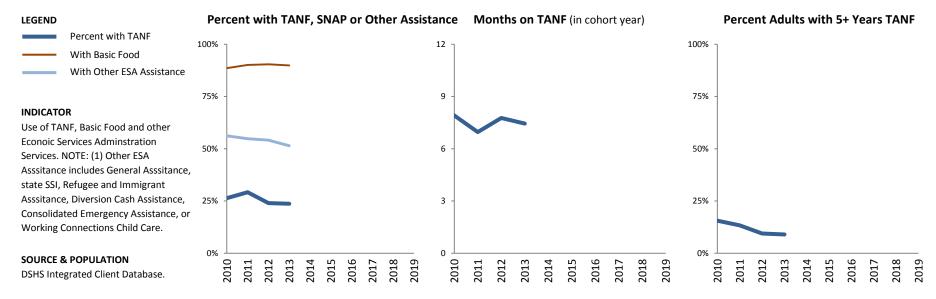
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons (Age 18 - 64 & Disabled)	527	552	563	531						
Total with Medicaid Coverage	527	552	563	531						
Total with Indicator of Mental Health Condition	414	441	439	407						
Percent with Indicator of Mental Health Condition	78.6%	79.9%	78.0%	76.6%						
Total with SUD Treatment Need Indicator	95	116	100	94						
Percent with SUD Treatment Need Indicator	18.0%	21.0%	17.8%	17.7%						
Total with Co-Occurring MH and SUD Disorders	90	110	94	91						
Percent with Co-Occurring MH and SUD Disorders	17.1%	19.9%	16.7%	17.1%						
Total Diagnosed with Depression or Anxiety	271	292	293	264						
Percent Diagnosed with Depression or Anxiety	51.4%	52.9%	52.0%	49.7%						
Total Diagnosed with Bipolar Disorder	173	186	180	169						
Percent Diagnosed with Bipolar Disorder	32.8%	33.7%	32.0%	31.8%						
Total Diagnosed with Psychotic Disorder	73	80	78	71						
Percent Diagnosed with Psychotic Disorder	13.9%	14.5%	13.9%	13.4%						



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**DISPLAY 8a** 

#### **Economic Services Utilization**



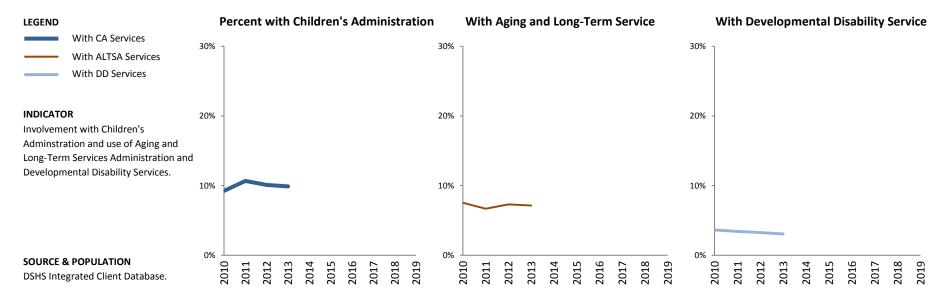
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	2,707	3,276	3,293	3,270						
Total with TANF	713	957	790	775						
Percent with TANF	26.3%	29.2%	24.0%	23.7%						
Average Number of Months a Family is on TANF	7.9	7.0	7.8	7.4						
Total Adults with TANF for 5 or More Years	421	436	311	293						
Percent with TANF for 5 or More Years	15.6%	13.3%	9.4%	9.0%						
Total with Basic Food Assistance (SNAP)	2,398	2,951	2,977	2,939						
Percent with Basic Food Assistance (SNAP)	88.6%	90.1%	90.4%	89.9%						
Total with Other ESA Asssitance	1,520	1,795	1,781	1,682						
Percent with Other ESA Asssitance	56.2%	54.8%	54.1%	51.4%						



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**DISPLAY 8b** 

#### **Social Service Utilization**



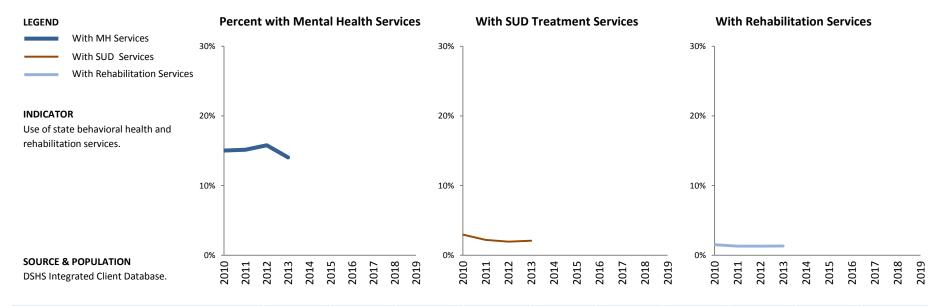
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	2,707	3,276	3,293	3,270						
Total with Children's Administration Services	250	349	332	323						
Percent with Children's Administration Services	9.2%	10.7%	10.1%	9.9%						
Total with Aging and Long-Term Services	204	219	240	233						
Percent with Aging and Long-Term Services	7.5%	6.7%	7.3%	7.1%						
Total with Developmental Disability Services	98	112	107	100						
Percent with Developmental Disability Services	3.6%	3.4%	3.2%	3.1%						



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DISPLAY 8c

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



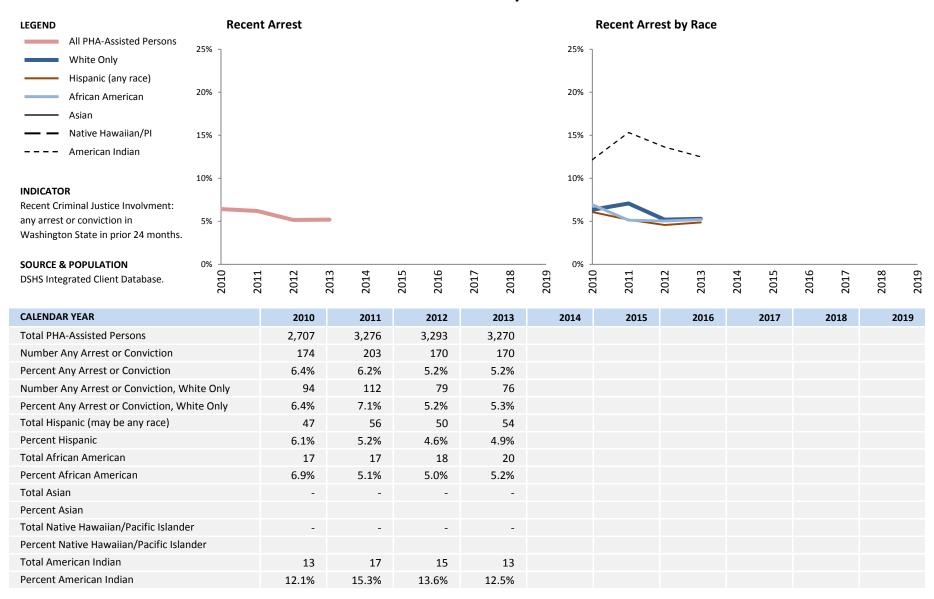
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	2,707	3,276	3,293	3,270						
Total with Mental Health Services	407	496	520	459						
Percent with Mental Health Services	15.0%	15.1%	15.8%	14.0%						
Total with SUD Treatment Services	80	72	64	68						
Percent with SUD Treatment Services	3.0%	2.2%	1.9%	2.1%						
Total with Rehabilitation Administration Services	41	43	43	43						
Percent with Rehabilitation Administration Services	1.5%	1.3%	1.3%	1.3%						



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DISPLAY 9a

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

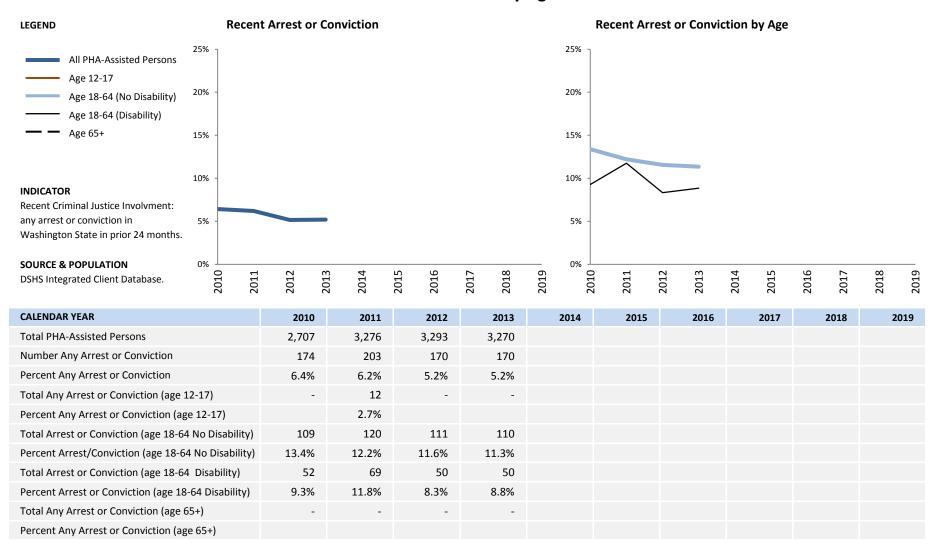




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DISPLAY 9b

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



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#### **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)

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**CONTRIBUTORS** 

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

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