

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 Yakima 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

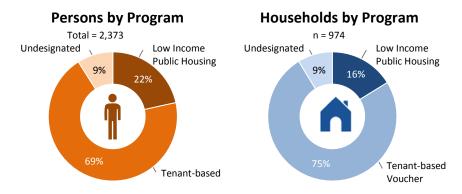
- O At a Glance: Summary Measures
- 1 Households and Persons
- 2 Households and Persons by Program
- 3 Race and Ethnicity
- 4 Gender, Age and Disability Distribution
- <u>5a</u> Employment and Earnings
- 5b Two-Year Employment Outcomes
- 6a Health Indicators (All Ages)
- 6b Health Indicators Children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

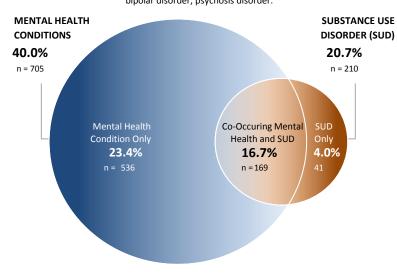


Persons by Race/Ethnicity **RACE/ETHNIC DETAIL*** 68% 54% 30% 10% 7% 1% 2% White Hispanic Black Any Asian Native American Non-Hispanic Hawaiian/ Indian

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

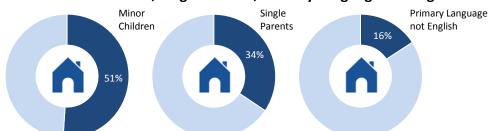
Behavioral Health Conditions

Among those with Medicaid coverage (n = 1,761, 80.0%). Mental health conditions include depression, bipolar disorder, psychosis disorder.



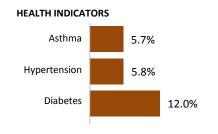
Households with Minors, Single Parents, Primary Language not English

Pacific Island



Health Indicators and Medical Utilization

Among those with Medicaid coverage (n = 1,761, 80.0%). Percent with these conditions or visiting an Emergency Department (ED).



MEDICAL UTILIZATION



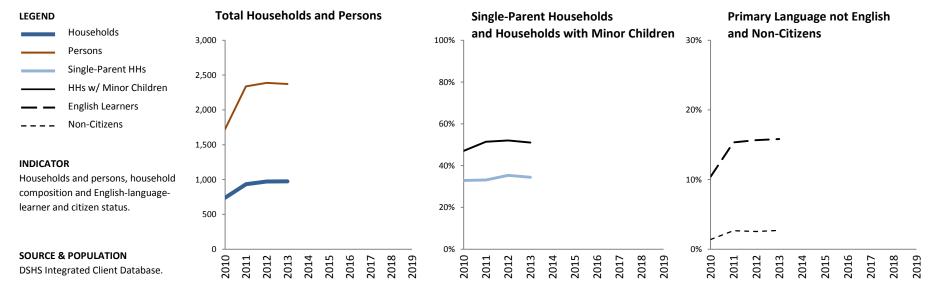




SEPTEMBER 2016

DISPLAY 1

Households and Persons



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total Households in PHA-Assisted Housing	741	933	971	974						
Total Persons in PHA-Assisted Housing	1,725	2,338	2,389	2,373						
Total Single-Parent Households	244	309	343	335						
Percent Single-Parent Households	32.9%	33.1%	35.3%	34.4%						
Total Households with Minor Children	349	480	505	497						
Percent Households with Minor Children	47.1%	51.4%	52.0%	51.0%						
Total Primary Language not English	77	143	152	154						
Percent Primary Language not English	10.4%	15.3%	15.7%	15.8%						
Non-Citizen	24	62	61	64						
Percent Non-Citizens	1.4%	2.7%	2.6%	2.7%						

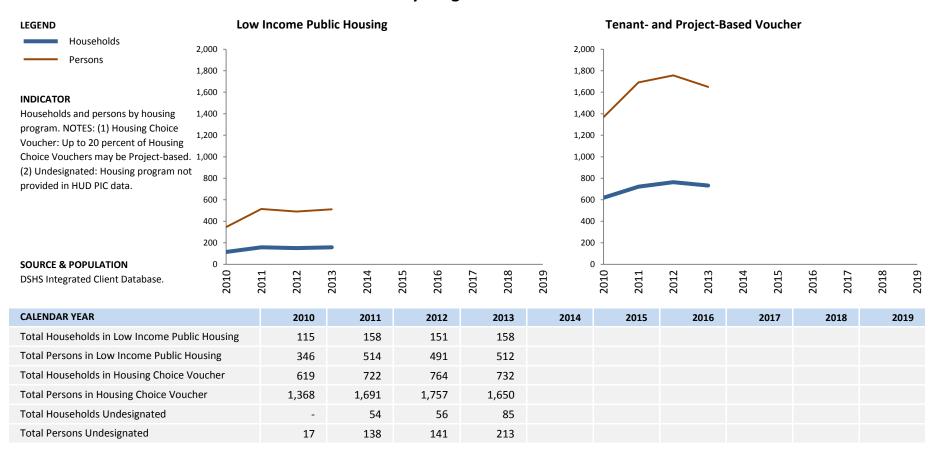


Back to Contents

SEPTEMBER 2016

DISPLAY 2

Households and Persons by Program



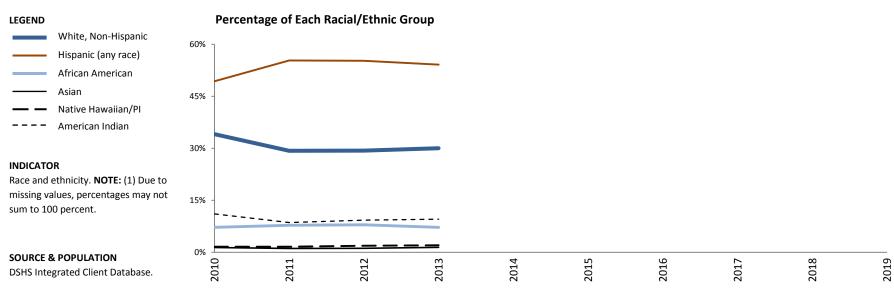


Back to Contents

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	1,725	2,338	2,389	2,373						
Total White, Non-Hispanic	588	684	700	712						
Percent White, Non-Hispanic	34.1%	29.3%	29.3%	30.0%						
Total Minority (any minority race/ethnicity)	1,092	1,595	1,632	1,603						
Percent Minority (any minority race/ethnicity)	63.3%	68.2%	68.3%	67.6%						
Total Hispanic (may be any race)	851	1,293	1,319	1,284						
Percent Hispanic	49.3%	55.3%	55.2%	54.1%						
Total African American	124	182	189	171						
Percent African American	7.2%	7.8%	7.9%	7.2%						
Total Asian	24	26	27	34						
Percent Asian	1.4%	1.1%	1.1%	1.4%						
Total Native Hawaiian/Pacific Islander	28	38	45	48						
Percent Native Hawaiian/Pacific Islander	1.6%	1.6%	1.9%	2.0%						
Total American Indian	191	201	222	227						
Percent American Indian	11.1%	8.6%	9.3%	9.6%						

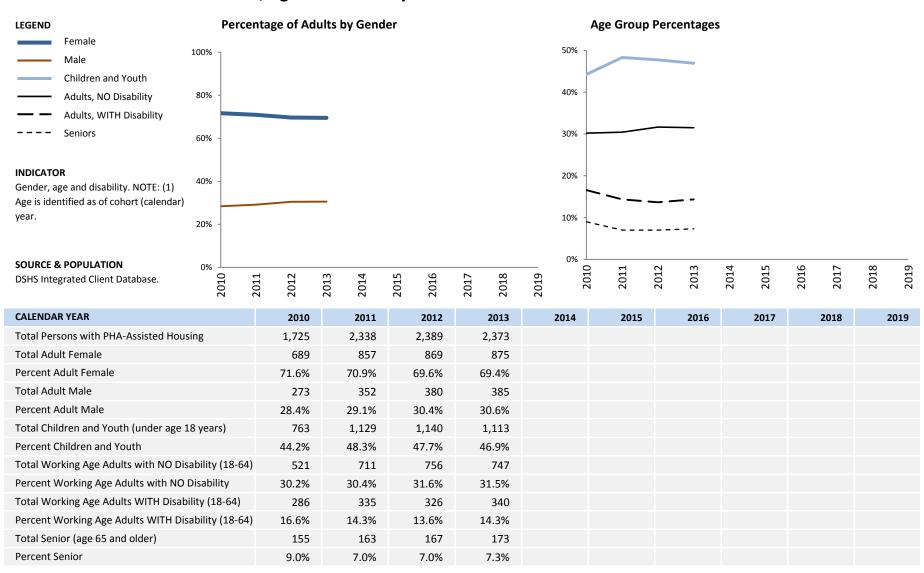




SEPTEMBER 2016

DISPLAY 4

Gender, Age and Disability Distribution







Total Employed at any Time in the Year

Percent Employed at any Time in the Year

Profile of Clients Served by DSHS and the Yakima Housing Authority

SEPTEMBER 2016

DISPLAY 5a

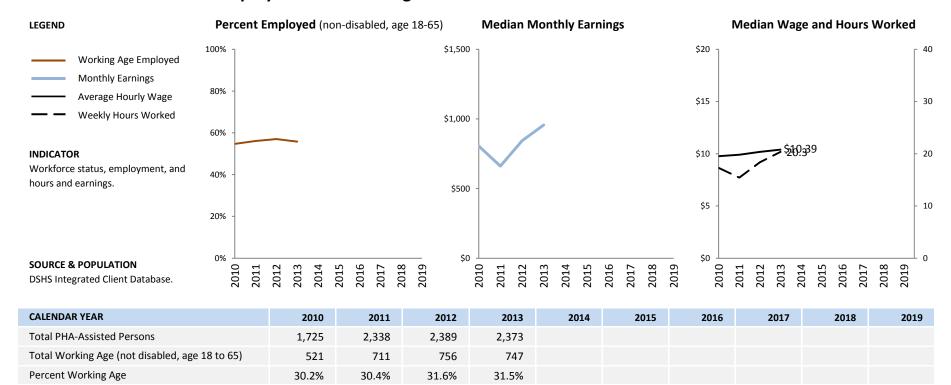
Employment and Earnings

285

54.7%

399

56.1%



417

55.8%

431

57.0%

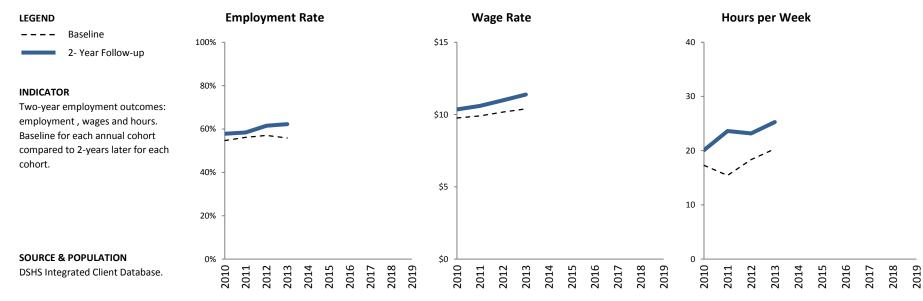




SEPTEMBER 2016

DISPLAY 5b

Two-Year Employment Outcomes



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total Working Age (not disabled)	521	711	756	747						
Employed at Baseline (at cohort year)	285	399	431	417						
Employed 2 Years Later (2 years after cohort year)	301	415	465	465						
Percent Employed at Baseline	54.7%	56.1%	57.0%	55.8%						
Percent Employed 2 years Later	57.8%	58.4%	61.5%	62.2%						
Median Monthly Earnings at baseline	\$804	\$661	\$844	\$956						
Median Monthly Earnings 2 years Later	\$975	\$1,099	\$1,132	\$1,271						
Median Wage Rate at Baseline	\$9.76	\$9.90	\$10.17	\$10.39						
Median Wage Rate 2 Years Later	\$10.36	\$10.60	\$10.99	\$11.38						
Median Weekly Hours at Baseline	17.3	15.4	18.4	20.3						
Median Weekly Hours 2 Years Later	20.1	23.6	23.2	25.3						

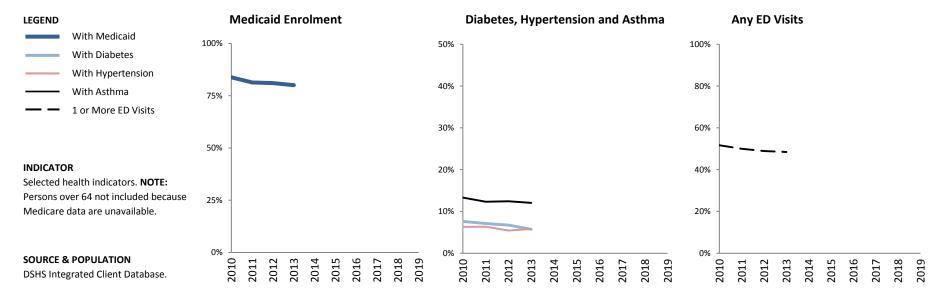




SEPTEMBER 2016

DISPLAY 6

Health Indicators (Age 0 to 64)



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	1,570	2,175	2,222	2,200						
Total with Medicaid Coverage	1,315	1,769	1,801	1,761						
Percent with Medicaid Coverage	83.8%	81.3%	81.1%	80.0%						
Total with Diabetes	100	126	121	101						
Percent with Diabetes	7.6%	7.1%	6.7%	5.7%						
Total with Hypertension	83	112	98	102						
Percent with Hypertension	6.3%	6.3%	5.4%	5.8%						
Total with Asthma	175	218	224	212						
Percent with Asthma	13.3%	12.3%	12.4%	12.0%						
Total with 1 or More ED Visits (in cohort year)	679	884	881	853						
Percent with 1 or More ED Visits (in cohort year)	51.6%	50.0%	48.9%	48.4%						

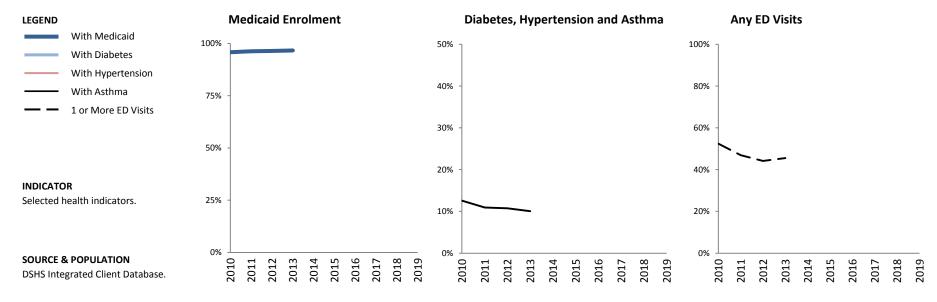




SEPTEMBER 2016

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	763	1,129	1,140	1,113						
Total with Medicaid Coverage	731	1,087	1,099	1,076						
Percent with Medicaid Coverage	95.8%	96.3%	96.4%	96.7%						
Total with Diabetes	-	-	-	-						
Percent with Diabetes										
Total with Hypertension	-	-	-	-						
Percent with Hypertension										
Total with Asthma	92	119	118	108						
Percent with Asthma	12.6%	10.9%	10.7%	10.0%						
Total with 1 or More ED Visits (in cohort year)	383	510	485	490						
Percent with 1 or More ED Visits (in cohort year)	52.4%	46.9%	44.1%	45.5%						

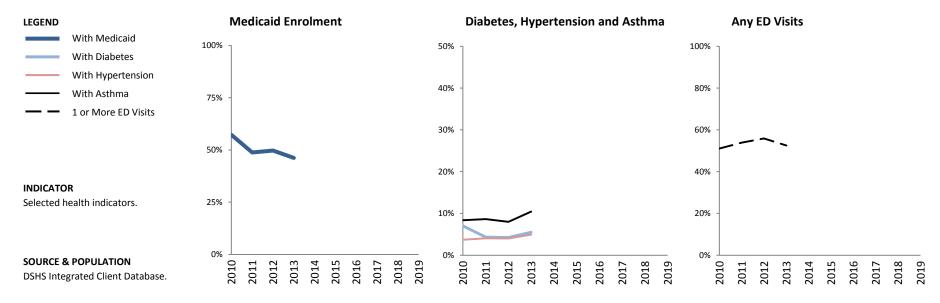




SEPTEMBER 2016

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	521	711	756	747						
Total with Medicaid Coverage	298	347	376	345						
Percent with Medicaid Coverage	57.2%	48.8%	49.7%	46.2%						
Total with Diabetes	21	15	16	19						
Percent with Diabetes	7.0%	4.3%	4.3%	5.5%						
Total with Hypertension	11	14	15	17						
Percent with Hypertension	3.7%	4.0%	4.0%	4.9%						
Total with Asthma	25	30	30	36						
Percent with Asthma	8.4%	8.6%	8.0%	10.4%						
Total with 1 or More ED Visits (in cohort year)	152	187	210	181						
Percent with 1 or More ED Visits (in cohort year)	51.0%	53.9%	55.9%	52.5%						

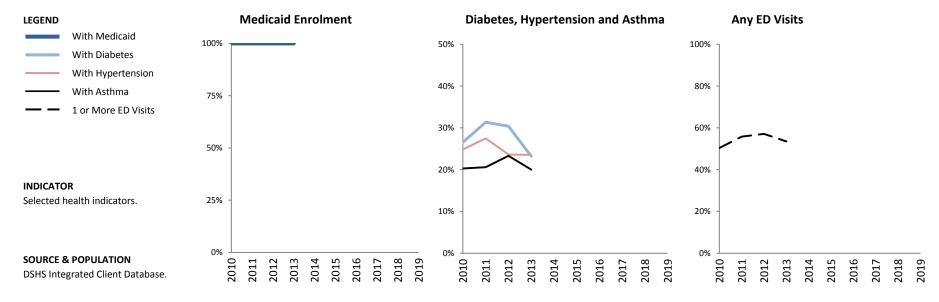




SEPTEMBER 2016

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	286	335	326	340						
Total with Medicaid Coverage	286	335	326	340						
Percent with Medicaid Coverage	100.0%	100.0%	100.0%	100.0%						
Total with Diabetes	76	105	99	79						
Percent with Diabetes	26.6%	31.3%	30.4%	23.2%						
Total with Hypertension	71	92	77	80						
Percent with Hypertension	24.8%	27.5%	23.6%	23.5%						
Total with Asthma	58	69	76	68						
Percent with Asthma	20.3%	20.6%	23.3%	20.0%						
Total with 1 or More ED Visits (in cohort year)	144	187	186	182						
Percent with 1 or More ED Visits (in cohort year)	50.3%	55.8%	57.1%	53.5%						

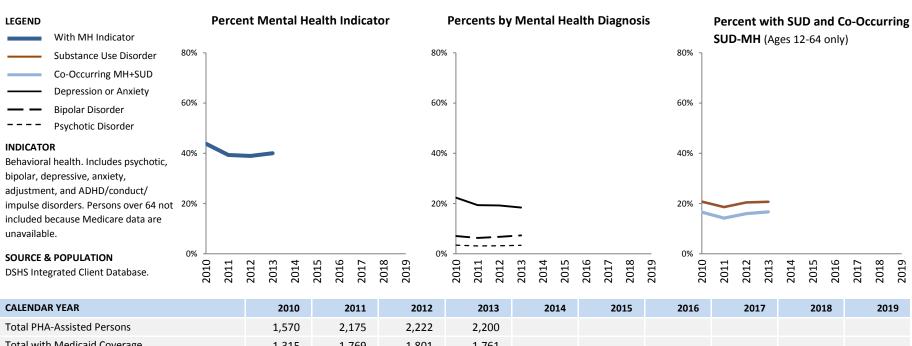


Back to Contents

SEPTEMBER 2016

DISPLAY 7a

Behavioral Health Indicators (Age 0 to 64)



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	1,570	2,175	2,222	2,200						
Total with Medicaid Coverage	1,315	1,769	1,801	1,761						
Total with Indicator of Mental Health Condition	576	696	701	705						
Percent with Indicator of Mental Health Condition	43.8%	39.3%	38.9%	40.0%						
Total with SUD Treatment Need Indicator	162	185	207	210						
Percent with SUD Treatment Need Indicator	20.8%	18.6%	20.4%	20.7%						
Total with Co-Occurring MH and SUD Disorders	129	141	162	169						
Percent with Co-Occurring MH and SUD Disorders	16.5%	14.2%	16.0%	16.7%						
Total Diagnosed with Depression or Anxiety	294	343	347	324						
Percent Diagnosed with Depression or Anxiety	22.4%	19.4%	19.3%	18.4%						
Total Diagnosed with Bipolar Disorder	93	112	122	129						
Percent Diagnosed with Bipolar Disorder	7.1%	6.3%	6.8%	7.3%						
Total Diagnosed with Psychotic Disorder	45	55	58	60						
Percent Diagnosed with Psychotic Disorder	3.4%	3.1%	3.2%	3.4%						

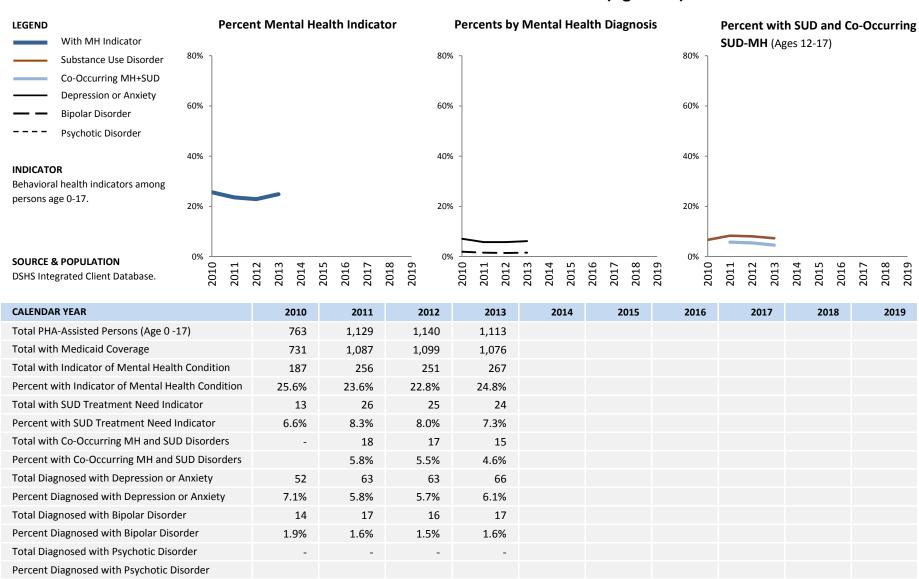


Back to Contents

SEPTEMBER 2016

DISPLAY 7b

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



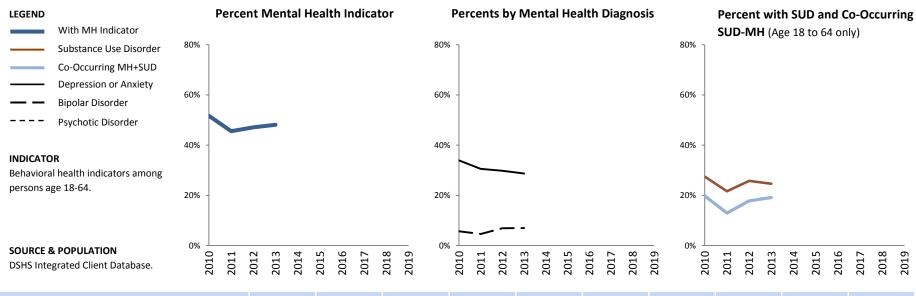




SEPTEMBER 2016

DISPLAY 7c

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



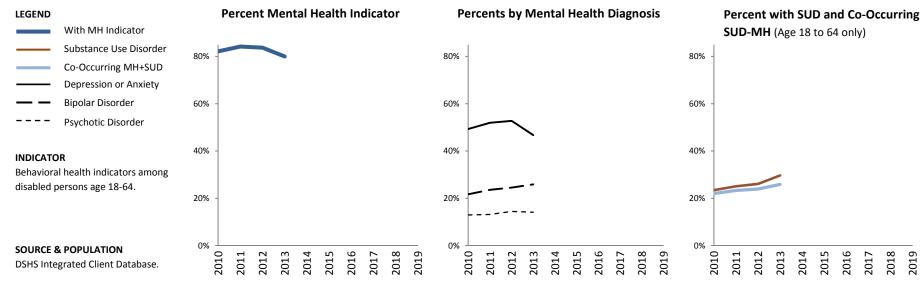
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons (Age 18 - 64 & not disab	521	711	756	747						
Total with Medicaid Coverage	298	347	376	345						
Total with Indicator of Mental Health Condition	154	158	177	166						
Percent with Indicator of Mental Health Condition	51.7%	45.5%	47.1%	48.1%						
Total with SUD Treatment Need Indicator	82	75	97	85						
Percent with SUD Treatment Need Indicator	27.5%	21.6%	25.8%	24.6%						
Total with Co-Occurring MH and SUD Disorders	59	45	67	66						
Percent with Co-Occurring MH and SUD Disorders	19.8%	13.0%	17.8%	19.1%						
Total Diagnosed with Depression or Anxiety	101	106	112	99						
Percent Diagnosed with Depression or Anxiety	33.9%	30.5%	29.8%	28.7%						
Total Diagnosed with Bipolar Disorder	17	16	26	24						
Percent Diagnosed with Bipolar Disorder	5.7%	4.6%	6.9%	7.0%						
Total Diagnosed with Psychotic Disorder	-	-	-	-						
Percent Diagnosed with Psychotic Disorder										

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)	286	335	326	340						
Total with Medicaid Coverage	286	335	326	340						
Total with Indicator of Mental Health Condition	235	282	273	272						
Percent with Indicator of Mental Health Condition	82.2%	84.2%	83.7%	80.0%						
Total with SUD Treatment Need Indicator	67	84	85	101						
Percent with SUD Treatment Need Indicator	23.4%	25.1%	26.1%	29.7%						
Total with Co-Occurring MH and SUD Disorders	63	78	78	88						
Percent with Co-Occurring MH and SUD Disorders	22.0%	23.3%	23.9%	25.9%						
Total Diagnosed with Depression or Anxiety	141	174	172	159						
Percent Diagnosed with Depression or Anxiety	49.3%	51.9%	52.8%	46.8%						
Total Diagnosed with Bipolar Disorder	62	79	80	88						
Percent Diagnosed with Bipolar Disorder	21.7%	23.6%	24.5%	25.9%						
Total Diagnosed with Psychotic Disorder	37	44	47	48						
Percent Diagnosed with Psychotic Disorder	12.9%	13.1%	14.4%	14.1%						

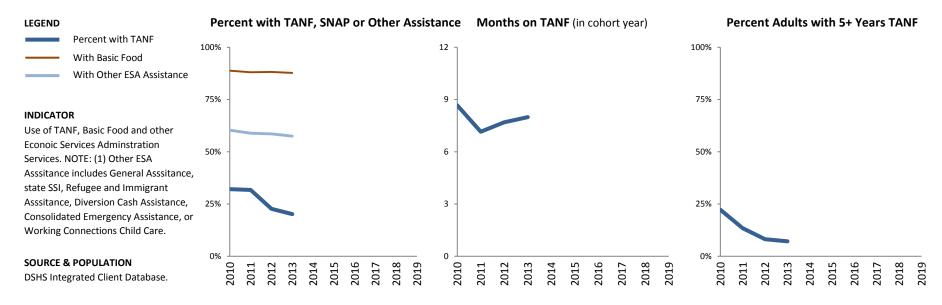




SEPTEMBER 2016

DISPLAY 8a

Economic Services Utilization



CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	1,725	2,338	2,389	2,373						
Total with TANF	553	741	541	479						
Percent with TANF	32.1%	31.7%	22.6%	20.2%						
Average Number of Months a Family is on TANF	8.7	7.1	7.7	8.0						
Total Adults with TANF for 5 or More Years	383	314	195	170						
Percent with TANF for 5 or More Years	22.2%	13.4%	8.2%	7.2%						
Total with Basic Food Assistance (SNAP)	1,532	2,058	2,106	2,082						
Percent with Basic Food Assistance (SNAP)	88.8%	88.0%	88.2%	87.7%						
Total with Other ESA Asssitance	1,040	1,376	1,399	1,363						
Percent with Other ESA Asssitance	60.3%	58.9%	58.6%	57.4%						

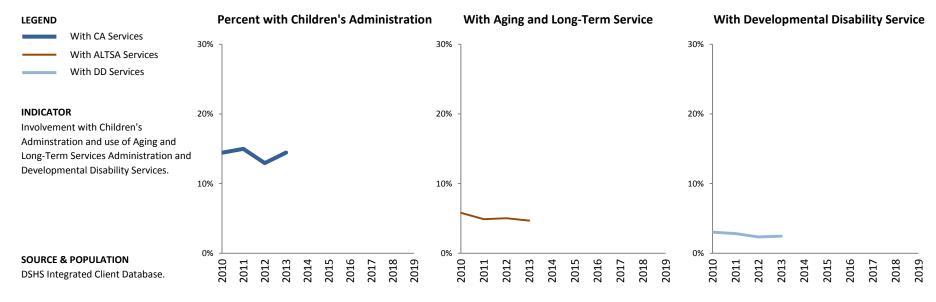


Back to Contents

SEPTEMBER 2016

DISPLAY 8b

Social Service Utilization



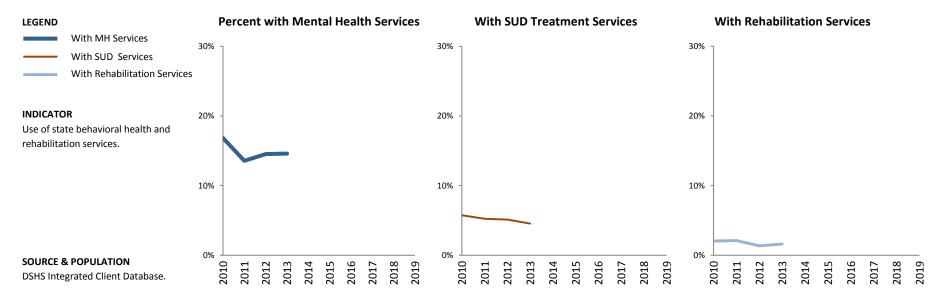
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	1,725	2,338	2,389	2,373						
Total with Children's Administration Services	249	350	309	343						
Percent with Children's Administration Services	14.4%	15.0%	12.9%	14.5%						
Total with Aging and Long-Term Services	100	114	120	111						
Percent with Aging and Long-Term Services	5.8%	4.9%	5.0%	4.7%						
Total with Developmental Disability Services	52	66	56	58						
Percent with Developmental Disability Services	3.0%	2.8%	2.3%	2.4%						



SEPTEMBER 2016

DISPLAY 8c

Behavioral Health and Rehabilitation Service Utilization



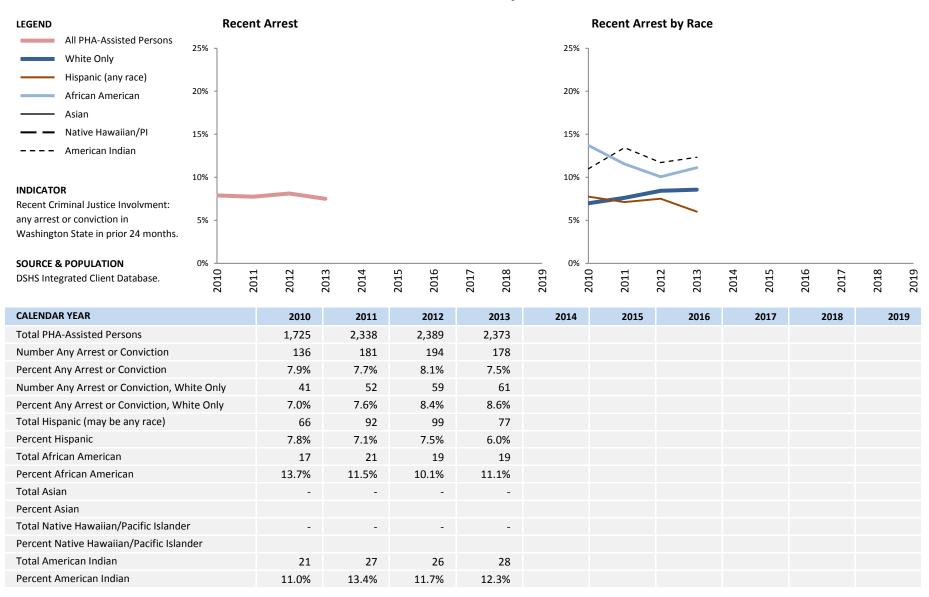
CALENDAR YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total PHA-Assisted Persons	1,725	2,338	2,389	2,373						
Total with Mental Health Services	290	317	347	346						
Percent with Mental Health Services	16.8%	13.6%	14.5%	14.6%						
Total with SUD Treatment Services	99	122	122	108						
Percent with SUD Treatment Services	5.7%	5.2%	5.1%	4.6%						
Total with Rehabilitation Administration Services	35	49	32	38						
Percent with Rehabilitation Administration Services	2.0%	2.1%	1.3%	1.6%						

Back to Contents

SEPTEMBER 2016

DISPLAY 9a

Recent Criminal Justice Involvement - By Race



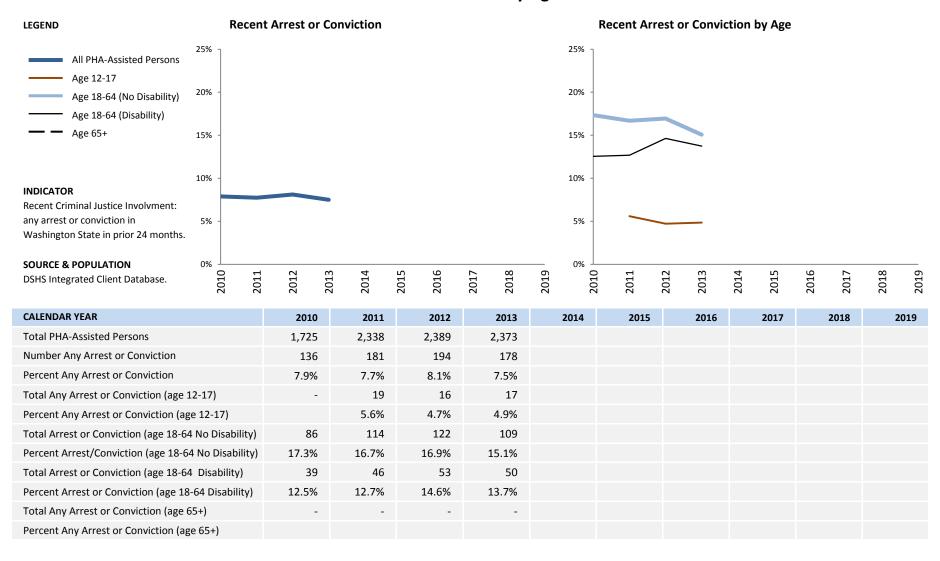


Back to Contents

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