



SUPPLEMENTAL TABLES

TO THE DRAFT HOUSING APPENDIX

Supplemental Tables of CHAS 2015-2019 5-Year Estimates for Seattle

CHAS data are special tabulations that the federal Department of Housing and Urban Development (HUD) obtains from the Census Bureau's American Community Survey (ACS). [HUD publishes the CHAS \(Comprehensive Housing Affordability Strategy\) data on its website](#) to help local communities analyze housing needs, supply, and gaps—especially for low-income households. Seattle used CHAS data as one of the key sources for the analyses in the draft One Seattle Plan Housing Appendix.

As a companion to the draft Housing Appendix, this document contains supplemental tables to provide readers the opportunity to examine the CHAS data in more detail. It is important for users of these data to be aware that the CHAS estimates carry margins of error and may be unreliable for small groups of households. Another aspect to be aware of is that CHAS data provide a broad picture of a community's housing needs and supply and do not distinguish between subsidized housing and market-provided housing. There is also a significant lag between data collection and publication of CHAS data; the 2019 5-year CHAS estimates presented here were the most recent available at the time of our analysis.

Supplemental Table 1

Income Distribution Among Households With Detail by Household Tenure							
	Numbers of Households						Total Households
	Low-Income Categories (≤80% of AMI)			80-120% of AMI Income Categories		>120% of AMI	
	≤30% of AMI (Extremely Low Income)	30-50% of AMI (Very Low Income)	50-80% of AMI (Low Income)	80-100% of AMI	100-120% of AMI		
Total households:	51,195	36,210	33,480	30,145	25,555	155,250	331,835
Owner households	10,430	11,285	11,305	11,575	11,475	95,650	151,720
Renter households	40,765	24,925	22,175	18,570	14,080	59,600	180,115
	Percent of Households						Total Households
	Low-Income Categories (≤80% of AMI)			80-120% of AMI Income Categories		>120% of AMI	
	≤30% of AMI (Extremely Low Income)	30-50% of AMI (Very Low Income)	50-80% of AMI (Low Income)	80-100% of AMI	100-120% of AMI		
Total households:	15.4%	10.9%	10.1%	9.1%	7.7%	46.8%	100.0%
Owner households	6.9%	7.4%	7.5%	7.6%	7.6%	63.0%	100.0%
Renter households	22.6%	13.8%	12.3%	10.3%	7.8%	33.1%	100.0%

Source: CHAS tables 8 and 12 based on ACS estimates for the 5-year 2015-2019 period, U.S. Census Bureau and HUD.
 Notes: AMI refers to the Area Median Family Income calculated by HUD with adjustments for household size and other factors, for the Seattle-Bellevue-Everett Metro Division. CHAS and ACS estimates are sample-based and carry margins of error. Estimates in total column and two highest income columns may slightly differ than shown in other CHAS-derived tables due to variations in weighting.

Supplemental Table 2

Change in Income Distribution Among Households from 2006-2010 5-Year Period to 2015-2019 5-Year Period with Detail by Household Tenure							
	Change in Numbers of Households						
	Low-Income Categories (≤80% of AMI)			80-120% of AMI Income Categories		>120% of AMI	Total Households
	≤30% of AMI (Extremely Low Income)	30-50% of AMI (Very Low Income)	50-80% of AMI (Low Income)	80-100% of AMI	100-120% of AMI		
Total households:	9,110	5,795	(4,925)	2,120	2,265	37,015	51,380
Owner households	3,165	2,885	(1,285)	185	(110)	9,795	14,635
Renter households	5,945	2,910	(3,640)	1,935	2,375	27,220	36,745
	Change in Percentage Share of Households						
	Low-Income Categories (≤80% of AMI)			80-120% of AMI Income Categories		>120% of AMI	Total Households
	≤30% of AMI (Extremely Low Income)	30-50% of AMI (Very Low Income)	50-80% of AMI (Low Income)	80-100% of AMI	100-120% of AMI		
Total households:	0.4%	0.1%	-3.6%	-0.9%	-0.6%	4.6%	0.0%
Owner households	1.6%	1.3%	-1.7%	-0.7%	-0.9%	0.4%	0.0%
Renter households	-1.7%	-1.5%	-5.7%	-1.3%	-0.3%	10.5%	0.0%

Source: CHAS tables 8 and 12 based on 5-year ACS estimates for 2006--2010 and 2015-2019, U.S. Census Bureau and HUD.
Notes: AMI refers to the Area Median Family Income calculated by HUD with adjustments for household size and other factors, for the Seattle-Bellevue-Everett Metro Division. CHAS and ACS estimates are sample-based and carry margins of error. Estimates in total column and two highest income columns may slightly differ than shown in other CHAS-derived tables due to variations in weighting.

Supplemental Table 3

Share of Income Spent on Housing by Household Income Category with Detail by Household Tenure							
	Numbers of Households						Total Households
	Low-Income Categories ($\leq 80\%$ of AMI)			80-120% of AMI Income Categories		>120% of AMI	
	$\leq 30\%$ of AMI (Extremely Low Income)	30-50% of AMI (Very Low Income)	50-80% of AMI (Low Income)	80-100% of AMI	100-120% of AMI		
Total households:	51,195	36,210	33,480	30,145	25,555	155,250	331,835
$\leq 30\%$	9,435	8,595	16,225	19,590	20,015	146,895	220,755
>30% (cost burdened)	37,995	27,615	17,255	10,555	5,540	8,355	107,315
>30% but $\leq 50\%$ (moderately cost burdened)	7,475	15,425	13,885	9,300	4,965	7,785	58,835
>50 (severely cost burdened)	30,520	12,190	3,370	1,255	575	570	48,480
not computed (no/negative income)	3,765	-	-	-	-	-	3,765
Owner households:	10,430	11,285	11,305	11,575	11,475	95,650	151,720
$\leq 30\%$	1,325	4,090	6,255	6,725	8,135	89,225	115,755
Cost burdened (>30%):	8,295	7,195	5,050	4,850	3,340	6,425	35,155
>30% but $\leq 50\%$ (moderately cost burdened)	1,670	2,970	3,225	3,825	2,865	5,915	20,470
>50 (severely cost burdened)	6,625	4,225	1,825	1,025	475	510	14,685
not computed (no/neg. income)	810	-	-	-	-	-	810
Renter households:	40,765	24,925	22,175	18,570	14,080	59,600	180,115
$\leq 30\%$	8,110	4,505	9,970	12,865	11,880	57,670	105,000
Cost burdened (>30%):	29,700	20,420	12,205	5,705	2,200	1,930	72,160
>30% but $\leq 50\%$ (moderately cost burdened)	5,805	12,455	10,660	5,475	2,100	1,870	38,365
>50 (severely cost burdened)	23,895	7,965	1,545	230	100	60	33,795
not computed (no/neg. income)	2,955	-	-	-	-	-	2,955

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Share of Income Spent on Housing by Household Income Category with Detail by Household Tenure (*continued*)

	Percent of Households						
	Low-Income Categories (≤80% of AMI)			80-120% of AMI Income Categories		>120% of AMI	Total Households
	≤30% of AMI (Extremely Low Income)	30-50% of AMI (Very Low Income)	50-80% of AMI (Low Income)	80-100% of AMI	100-120% of AMI		
Total households:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
≤30%	18.4%	23.7%	48.5%	65.0%	78.3%	94.6%	66.5%
>30% (cost burdened)	74.2%	76.3%	51.5%	35.0%	21.7%	5.4%	32.3%
>30% but ≤50% (moderately cost burdened)	14.6%	42.6%	41.5%	30.9%	19.4%	5.0%	17.7%
>50 (severely cost burdened)	59.6%	33.7%	10.1%	4.2%	2.3%	0.4%	14.6%
not computed (no/neg. income)	7.4%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%
Owner households:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
≤30%	12.7%	36.2%	55.3%	58.1%	70.9%	93.3%	76.3%
Cost burdened (>30%):	79.5%	63.8%	44.7%	41.9%	29.1%	6.7%	23.2%
>30% but ≤50% (moderately cost burdened)	16.0%	26.3%	28.5%	33.0%	25.0%	6.2%	13.5%
>50 (severely cost burdened)	63.5%	37.4%	16.1%	8.9%	4.1%	0.5%	9.7%
not computed (no/neg. income)	7.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%
Renter households:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
≤30%	19.9%	18.1%	45.0%	69.3%	84.4%	96.8%	58.3%
Cost burdened (>30%):	72.9%	81.9%	55.0%	30.7%	15.6%	3.2%	40.1%
>30% but ≤50% (moderately cost burdened)	14.2%	50.0%	48.1%	29.5%	14.9%	3.1%	21.3%
>50 (severely cost burdened)	58.6%	32.0%	7.0%	1.2%	0.7%	0.1%	18.8%
not computed (no/neg. income)	7.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%

Source: CHAS tables 8 and 12 based on ACS estimates for the 5-year 2015-2019 period, U.S. Census Bureau and HUD.

Notes: AMI refers to the Area Median Family Income calculated by HUD with adjustments for household size and other factors, for the Seattle-Bellevue-Everett Metro Division. Shares of income spent on housing are not calculated for households with zero or negative income. CHAS and ACS estimates are sample-based and carry margins of error. Estimates in total column and two highest income columns may slightly differ than shown in other CHAS-derived tables due to variations in weighting.

Supplemental Table 4

Shifts in Cost-Burdened Households from 2006-2010 5-Year Period to 2015-2019 5-Year Period with Detail by Household Tenure							
	Change in Numbers of Cost-Burdened Households						
	Low-Income Categories ($\leq 80\%$ of AMI)			80-120% of AMI Income Categories		>120% of AMI	Total Households
	$\leq 30\%$ of AMI (Extremely Low Income)	30-50% of AMI (Very Low Income)	50-80% of AMI (Low Income)	80-100% of AMI	100-120% of AMI		
Among households overall:	5,615	4,580	-1,125	965	-1,245	-7,185	1,605
Among owner households	2,380	1,625	-2,405	-1,185	-2,090	-8,265	-9,945
Among renter households	3,235	2,955	1,280	2,150	845	1,080	11,550
	Change in Percentage-Point Share of Households Who are Cost-Burdened						
	Low-Income Categories ($\leq 80\%$ of AMI)			80-120% of AMI Income Categories		>120% of AMI	Total Households
	$\leq 30\%$ of AMI (Extremely Low Income)	30-50% of AMI (Very Low Income)	50-80% of AMI (Low Income)	80-100% of AMI	100-120% of AMI		
Among households overall:	-2.7%	0.5%	3.7%	0.8%	-7.5%	-7.8%	-5.4%
Among owner households	-1.9%	-2.6%	-14.6%	-11.1%	-17.8%	-10.4%	-9.7%
Among renter households	-3.1%	2.6%	12.7%	9.4%	4.1%	0.6%	-2.2%

Source: CHAS tables 8 and 12 based on 5-year ACS estimates for 2016--2010 and 2015-2019, U.S. Census Bureau and HUD.
Notes: AMI refers to the Area Median Family Income calculated by HUD with adjustments for household size and other factors, for the Seattle-Bellevue-Everett Metro Division. CHAS and ACS estimates are sample-based and carry margins of error. Estimates in total column and two highest income columns may slightly differ than shown in other CHAS-derived tables due to variations in weighting.

Supplemental Table 5

Number of Persons Per Room With Detail by Household Tenure and Income Category							
	Numbers of Households						Total Households
	≤80% of AMI		80-100% of AMI		>100% of AMI		
	Non-family households	Family households	Non-family households	Family households	Non-family households	Family households	
Total households:	85,145	35,739	18,230	11,915	78,470	102,324	331,823
less than or equal to 1	83,675	31,255	17,770	11,060	76,780	99,625	320,165
more than 1 (overcrowded):	1,470	4,484	460	855	1,690	2,699	11,658
greater than 1 but less than or equal to 1.5	165	2,360	-	400	290	1,150	4,365
greater than 1.5 (severely overcrowded)	1,305	2,124	460	455	1,400	1,549	7,293
Owner occupied housing units:	18,095	14,924	4,745	6,835	29,520	77,594	151,713
less than or equal to 1	18,065	14,365	4,705	6,660	29,380	76,760	149,935
more than 1 (overcrowded):	30	559	40	175	140	834	1,778
greater than 1 but less than or equal to 1.5	10	275	-	95	10	495	885
greater than 1.5 (severely overcrowded)	20	284	40	80	130	339	893
Renter occupied housing units:	67,050	20,815	13,485	5,080	48,950	24,730	180,110
less than or equal to 1	65,610	16,890	13,065	4,400	47,400	22,865	170,230
More than 1 (overcrowded):	1,440	3,925	420	680	1,550	1,865	9,880
greater than 1 but less than or equal to 1.5	155	2,085	-	305	280	655	3,480
greater than 1.5 (severely overcrowded)	1,285	1,840	420	375	1,270	1,210	6,400

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Number of Persons Per Room
With Detail by Household Tenure and Income Category (*continued*)

Percent of Households							
	≤80% of AMI		80-100% of AMI		>100% of AMI		Total Households
	Non-family households	Family households	Non-family households	Family households	Non-family households	Family households	
Total households:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
less than or equal to 1	98.3%	87.5%	97.5%	92.8%	97.8%	97.4%	96.5%
more than 1 (overcrowded):	1.7%	12.5%	2.5%	7.2%	2.2%	2.6%	3.5%
greater than 1 but less than or equal to 1.5	0.2%	6.6%	0.0%	3.4%	0.4%	1.1%	1.3%
greater than 1.5 (severely overcrowded)	1.5%	5.9%	2.5%	3.8%	1.8%	1.5%	2.2%
Owner occupied housing units:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
less than or equal to 1	99.8%	96.3%	99.2%	97.4%	99.5%	98.9%	98.8%
more than 1 (overcrowded):	0.2%	3.7%	0.8%	2.6%	0.5%	1.1%	1.2%
greater than 1 but less than or equal to 1.5	0.1%	1.8%	0.0%	1.4%	0.0%	0.6%	0.6%
greater than 1.5 (severely overcrowded)	0.1%	1.9%	0.8%	1.2%	0.4%	0.4%	0.6%
Renter occupied housing units:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
less than or equal to 1	97.9%	81.1%	96.9%	86.6%	96.8%	92.5%	94.5%
More than 1 (overcrowded):	2.1%	18.9%	3.1%	13.4%	3.2%	7.5%	5.5%
greater than 1 but less than or equal to 1.5	0.2%	10.0%	0.0%	6.0%	0.6%	2.6%	1.9%
greater than 1.5 (severely overcrowded)	1.9%	8.8%	3.1%	7.4%	2.6%	4.9%	3.6%

Source: CHAS table 10 based on ACS estimates for the 5-year 2015-2019 period, U.S. Census Bureau and HUD.

Notes: AMI refers to the Area Median Family Income calculated by HUD with adjustments for household size and other factors, for the Seattle-Bellevue-Everett Metro Division. CHAS and ACS estimates are sample-based and carry margins of error.

Supplemental Table 6

Tenure by Race & Ethnicity								
	Numbers of Households							
	People of Color (Total):	Groups of Color						White
		Native American	Asian	Black	Hispanic or Latino, any race	Pacific Islander	Other and multiple races	
Total households:	103,435	1,415	48,215	19,865	17,925	430	15,585	228,410
Owner households:	36,295	380	21,270	5,075	4,565	130	4,875	115,425
Renter households:	67,140	1,035	26,945	14,790	13,360	300	10,710	112,985
	Percent of Households							
	People of Color (Total):	Groups of Color						White
		Native American	Asian	Black	Hispanic or Latino, any race	Pacific Islander	Other and multiple races	
Total households:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Owner households:	35.1%	26.9%	44.1%	25.5%	25.5%	30.2%	31.3%	50.5%
Renter households:	64.9%	73.1%	55.9%	74.5%	74.5%	69.8%	68.7%	68.7%
Source: CHAS table 9 based on ACS estimates for the 5-year 2015-2019 period, U.S. Census Bureau and HUD.								
Notes: CHAS and ACS estimates are sample-based and carry margins of error. These estimates are based on a sample and may be unreliable for small groups including Native American households and Pacific Islander households.								

Supplemental Table 7

Income Distribution Among Households by Race and Ethnicity of Householder With Detail by Household Tenure						
	Numbers of Households					
	Low-Income Categories (≤80% of AMI)			80-100% of AMI	>100% of AMI	Total Households
	≤30% of AMI (Extremely Low Income)	30-50% of AMI (Very Low Income)	50-80% of AMI (Low Income)			
Total households:	51,195	36,210	33,480	30,145	180,795	331,825
People of Color:	24,095	13,485	11,840	8,960	45,030	103,410
Native American	545	254	120	100	385	1,404
Asian	9,645	5,220	4,835	3,705	24,815	48,220
Black	7,520	3,425	2,265	1,395	5,265	19,870
Hispanic or Latino, any race	3,250	2,565	2,835	2,120	7,160	17,930
Pacific Islander	50	45	75	30	235	435
Other and multiple races	3,085	1,976	1,710	1,610	7,170	15,551
White	27,100	22,725	21,640	21,185	135,765	228,415
Owner households:	10,430	11,285	11,305	11,575	95,650	151,720
People of Color:	3,725	3,655	3,395	3,035	22,480	36,290
Native American	65	65	50	30	165	375
Asian	2,190	2,225	1,690	1,790	13,375	21,270
Black	630	750	700	425	2,570	5,075
Hispanic or Latino, any race	385	300	490	255	3,140	4,570
Pacific Islander	-	-	15	20	100	135
Other and multiple races	455	315	450	515	3,130	4,865
White	6,705	7,630	7,910	8,540	84,640	115,425

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Income Distribution Among Households by Race and Ethnicity of Householder
With Detail by Household Tenure (*continued*)

	Numbers of Households					
	Low-Income Categories ($\leq 80\%$ of AMI)			80-100% of AMI	$>100\%$ of AMI	Total Households
	$\leq 30\%$ of AMI (Extremely Low Income)	30-50% of AMI (Very Low Income)	50-80% of AMI (Low Income)			
Renter households:	40,765	24,925	22,175	18,570	59,600	180,115
People of Color:	20,370	9,830	8,445	5,925	22,550	67,120
Native American	480	189	70	70	220	1,029
Asian	7,455	2,995	3,145	1,915	11,440	26,950
Black	6,890	2,675	1,565	970	2,695	14,795
Hispanic or Latino, any race	2,865	2,265	2,345	1,865	4,020	13,360
Pacific Islander	50	45	60	10	135	300
Other and multiple races	2,630	1,661	1,260	1,095	4,040	10,686
White	20,395	15,095	13,730	12,645	51,125	112,990
	Percent of Households					
	Low-Income Categories ($\leq 80\%$ of AMI)			80-100% of AMI	$>100\%$ of AMI	Total Households
	$\leq 30\%$ of AMI (Extremely Low Income)	$>30\%$ but $\leq 50\%$ of AMI (Very Low Income)	$>50\%$ but $\leq 80\%$ of AMI (Low Income)			
Total households:	15.4%	10.9%	10.1%	9.1%	54.5%	100.0%
People of Color:	23.3%	13.0%	11.4%	8.7%	43.5%	100.0%
Native American	38.8%	18.1%	8.5%	7.1%	27.4%	100.0%
Asian	20.0%	10.8%	10.0%	7.7%	51.5%	100.0%
Black	37.8%	17.2%	11.4%	7.0%	26.5%	100.0%
Hispanic or Latino, any race	18.1%	14.3%	15.8%	11.8%	39.9%	100.0%
Pacific Islander	11.5%	10.3%	17.2%	6.9%	54.0%	100.0%
Other and multiple races	19.8%	12.7%	11.0%	10.4%	46.1%	100.0%
White	11.9%	9.9%	9.5%	9.3%	59.4%	100.0%

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Income Distribution Among Households by Race and Ethnicity of Householder
With Detail by Household Tenure (*continued*)

	Percent of Households					
	Low-Income Categories (≤80% of AMI)			80-100% of AMI	>100% of AMI	Total Households
	≤30% of AMI (Extremely Low Income)	>30% but ≤50% of AMI (Very Low Income)	>50% but ≤80% of AMI (Low Income)			
Owner households:	6.8%	7.5%	7.4%	7.5%	70.8%	100.0%
People of Color:	10.3%	10.1%	9.4%	8.4%	61.9%	100.0%
Native American	17.3%	17.3%	13.3%	8.0%	44.0%	100.0%
Asian	10.3%	10.5%	7.9%	8.4%	62.9%	100.0%
Black	12.4%	14.8%	13.8%	8.4%	50.6%	100.0%
Hispanic or Latino, any race	8.4%	6.6%	10.7%	5.6%	68.7%	100.0%
Pacific Islander	0.0%	0.0%	11.1%	14.8%	74.1%	100.0%
Other and multiple races	9.4%	6.5%	9.2%	10.6%	64.3%	100.0%
White	5.8%	6.6%	6.9%	7.4%	73.3%	100.0%
Renter households:	22.6%	13.8%	12.3%	10.3%	40.9%	100.0%
People of Color:	30.3%	14.6%	12.6%	8.8%	33.6%	100.0%
Native American	46.6%	18.4%	6.8%	6.8%	21.4%	100.0%
Asian	27.7%	11.1%	11.7%	7.1%	42.4%	100.0%
Black	46.6%	18.1%	10.6%	6.6%	18.2%	100.0%
Hispanic or Latino, any race	21.4%	17.0%	17.6%	14.0%	30.1%	100.0%
Pacific Islander	16.7%	15.0%	20.0%	3.3%	45.0%	100.0%
Other and multiple races	24.6%	15.5%	11.8%	10.2%	37.8%	100.0%
White	18.1%	13.4%	12.2%	11.2%	45.2%	100.0%

Source: CHAS tables 1 and 8 based on ACS estimates for the 5-year 2015-2019 period, U.S. Census Bureau and HUD.

Notes: AMI refers to the Area Median Family Income calculated by HUD with adjustments for household size and other factors, for the Seattle-Bellevue-Everett Metro Division. CHAS and ACS estimates are sample-based and carry margins of error. Estimates are based on a sample and carry margins of error. Estimates may be unreliable for small population groups. Estimates may be slightly different than shown in other CHAS-derived tables due to variations in weighting.

Supplemental Table 8

Share of Income Spent on Housing by Race & Ethnicity With Detail by Household Tenure								
	Numbers of Households							
	People of Color (Total):	Groups of Color						White
		Native American	Asian	Black	Hispanic or Latino, any race	Pacific Islander	Other and multiple races	
Total households:	103,435	1,415	48,215	19,865	17,925	430	15,585	228,410
≤30%	62,780	795	31,275	9,500	11,095	305	9,810	157,970
>30% (cost burdened)	38,375	620	15,595	9,980	6,475	125	5,580	68,950
>30-50% (mod. burdened)	20,085	285	8,420	4,890	3,730	75	2,685	38,750
>50% (severely burdened)	18,290	335	7,175	5,090	2,745	50	2,895	30,200
not computed (no/neg. income)	2,280	-	1,345	385	355	-	195	1,490
Owner households:	36,295	380	21,270	5,075	4,565	130	4,875	115,425
≤30%	25,675	275	15,515	2,915	3,430	100	3,440	90,085
Cost burdened (>30%):	10,245	105	5,520	2,085	1,115	30	1,390	24,905
>30-50% (mod. burdened)	5,740	40	3,290	1,025	555	30	800	14,725
>50% (severely burdened)	4,505	65	2,230	1,060	560	-	590	10,180
not computed (no/neg. income)	375	-	235	75	20	-	45	435
Renter households:	67,140	1,035	26,945	14,790	13,360	300	10,710	112,985
≤30%	37,105	520	15,760	6,585	7,665	205	6,370	67,885
Cost burdened (>30%):	28,130	515	10,075	7,895	5,360	95	4,190	44,045
>30-50% (mod. burdened)	14,345	245	5,130	3,865	3,175	45	1,885	24,025
>50% (severely burdened)	270	270	4,945	4,030	2,185	50	2,305	20,020
not computed (no/neg. income)	-	-	1,110	310	335	-	150	1,055
<i>Table continued on next page</i>								

Share of Income Spent on Housing by Race & Ethnicity
With Detail by Household Tenure (*continued*)

	Percent of Households							
	People of Color (Total):	Groups of Color						White
		American Indian or Alaska Native	Asian	Black or African American	Hispanic	Pacific Islander	Other and multiple races	
Total households:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
≤30%	60.7%	56.2%	64.9%	47.8%	61.9%	70.9%	62.9%	69.2%
>30% (cost burdened)	37.1%	43.8%	32.3%	50.2%	36.1%	29.1%	35.8%	30.2%
>30-50% (mod. burdened)	19.4%	20.1%	17.5%	24.6%	20.8%	17.4%	17.2%	17.0%
>50% (severely burdened)	17.7%	23.7%	14.9%	25.6%	15.3%	11.6%	18.6%	13.2%
not computed (no/neg. income)	2.2%	0.0%	2.8%	1.9%	2.0%	0.0%	1.3%	0.7%
Owner households:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
≤30%	70.7%	72.4%	72.9%	57.4%	75.1%	76.9%	70.6%	78.0%
Cost burdened (>30%):	28.2%	27.6%	26.0%	41.1%	24.4%	23.1%	28.5%	21.6%
>30-50% (mod. burdened)	15.8%	10.5%	15.5%	20.2%	12.2%	23.1%	16.4%	12.8%
>50 (severely burdened)	12.4%	17.1%	10.5%	20.9%	12.3%	0.0%	12.1%	8.8%
not computed (no/neg. income)	1.0%	0.0%	1.1%	1.5%	0.4%	0.0%	0.9%	0.4%
Renter households:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
≤30%	55.3%	50.2%	58.5%	44.5%	57.4%	68.3%	59.5%	60.1%
Cost burdened (>30%):	41.9%	49.8%	37.4%	53.4%	40.1%	31.7%	39.1%	39.0%
>30-50% (mod. burdened)	21.4%	23.7%	19.0%	26.1%	23.8%	15.0%	17.6%	21.3%
>50% (severely burdened)	20.5%	26.1%	18.4%	27.2%	16.4%	16.7%	21.5%	17.7%
not computed (no/neg. income)	2.8%	0.0%	4.1%	2.1%	2.5%	0.0%	1.4%	0.9%

Source: CHAS table 9 based on ACS estimates for the 5-year 2015-2019 period, U.S. Census Bureau and HUD.

Notes: Shares of income spent on housing are not calculated for households with zero or negative income. CHAS and ACS estimates are sample-based and carry margins of error. These estimates are based on a sample and may be unreliable for small groups including Native Americans and Pacific Islanders.

Supplemental Table 9

Affordability and Availability of Rental Units at Specified Income Levels 2015-2019 5-Year Period				
		0-30% of AMI	0-50% of AMI (cumulative)	0-80% of AMI (cumulative)
A	Total renter households with household incomes at or below income level	40,765	65,690	87,865
B	Occupied rental units that are <i>affordable and available</i> (i.e., units with gross rents that are affordable to households at or below the specified income level and occupied by renters at or below that income level)	13,610	32,315	63,200
C	Occupied rental units that are affordable, but not available (i.e., rental units with gross rents that are affordable at or below the specified income level but occupied by households above that income level)	4,965	14,610	31,500
D	All occupied rental units that are affordable (i.e., occupied rental units with gross rents affordable at or below specified income level, ignoring income of current occupant household) (B+C)	18,575	46,925	94,700
E	Vacant for-rent units that are <i>affordable and available</i> at or below income level	300	1,340	2,615
F	Total rental units that are affordable (i.e., total rental units—occupied or vacant—with rents affordable to households at or below specified income level) (D+E)	18,875	48,265	97,315
G	Total rental units that are <i>affordable and available</i> at or below income level (B + E)	13,910	33,655	65,815
H	Nominal shortage or surplus of affordable rental units at or below income level (A - F)	Shortage: 21,890	Shortage: 17,425	Surplus: 9,450
I	Effective shortage or surplus of <i>affordable and available</i> rental units at or below income level (A - G)	Shortage: 26,855	Shortage: 32,035	Shortage: 22,050
J	Affordable rental units per 100 renter households at or below income level (F / A * 100)	46	73	111
K	<i>Affordable and available</i> rental units per 100 renter households at or below income level (G / A * 100)	34	51	75

Source: CHAS tabulations of ACS 2015-2019 5-year estimates, U.S. Census Bureau and HUD.

Notes: Estimates are based on a sample and carry margins of error.

These data do not distinguish between rent/income-restricted housing and market-rate units without such restrictions; units estimated to be affordable at specified levels may include market-rate units as well as rent/income-restricted housing.

Housing unit estimates in this table exclude units that lack complete plumbing or kitchen facilities as HUD considers those to be substandard. The household estimates, however, encompass all renter households, including those who live in rental units lacking complete plumbing or kitchen facilities. See prior tables for additional notes.

Supplemental Table 10

Affordability and Availability of Rental Units at Specified Income Levels 2010 5-Year Period to 2019 5-Year Period			
	Cumulative Income Categories		
	0-30% of AMI	0-50% of AMI (cumulative)	0-80% of AMI (cumulative)
Change in number of renter households	5,945	8,855	5,215
Change in number of affordable rental units	2,210	-945	-13,045
Change in number of affordable but <i>not available</i> rental units (due to occupancy by households with high incomes)	-335	-2,725	-5,560
Change in number of affordable <i>and available</i> rental units (after subtracting units that are not available due to higher income households living in them)	2,545	1,780	-7,485
Change in nominal surplus/shortage of units (accounting only for)	Shortage worsened by 3,735	Shortage worsened by 9,800	Surplus reduced by 18,260
Change in effective surplus/shortage, accounting for both <i>affordability and availability</i>	Shortage worsened by 3,400	Shortage worsened by 7,075	Shortage worsened by 12,700
Change in affordable units per 100 renter households	-2	-13	-23
Change in affordable <i>and available</i> units per 100 renter households	1	-5	-14
Source: CHAS tabulations of ACS 2006-2010 and 2015-2019 5-year estimates, U.S. Census Bureau and HUD.			
Notes: Estimates are based on a sample and carry margins of error. See prior tables for additional notes.			