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July 22, 2019

South San Francisco Council Study Session on "Renter Protections"

Honorable Mayor, City Council Members and Staff:

There is information about rental housing in South San Francisco I need to tell you about.

President John F Kennedy said ... "the great enemy of the truth is very often not a lie: deliberate, contrived and dishonest. But the *myth*: persistent, persuasive and unrealistic." The *myth* of so called "Renter Protections" are not the solution. Here are five (5) serious *myths* about rental housing in South San Francisco.

First, rent data in your staff report is inaccurate. Actually, median rent in SSF is \$1,915 a month. Half pay less (latest SSF US Census survey attached). In reality, 76% of SSF renters pay less than \$2,500 a month.

Second, another common *myth* assumes "Huge Asking Rents" in the media apply to all renters. In truth, the media "Published Rents" apply to only a relatively small number of vacant Class A luxury apartments. Just 11% or less of all SSF units (as verified by latest enclosed US Census survey).

Third, what does everyone else in SSF in the 89% of class B, C and D buildings really pay for rent?

Here's a summary, in whole percentages, for attached US Census Bureau survey for City of South San Francisco as of December 31, 2017.

\$1,915 per month is Median Rent in SSF... Half pay less.

44% of SSF Renters pay LESS THAN \$1,500 per Month

55% pay LESS THAN \$2,000 per Month

76% pay LESS THAN \$2,500 per Month

11% of SSF Renters PAY OVER \$3,000 per month (The "Published Asking Rents" for

Class "A" Vacant Apartments)

Fourth, the *myth* of so called "renter protections" actually make the problem even worse. These measures discourage new rental housing. They make managing apartments even tougher & risk safety of good tenants.

Fifth, another *myth* is US Census annual reports are only "estimates". The truth is US Census collects door to door data every ten years from every renter. Then they survey households covering about 44 million Americans every 5 year cycle... and publish updated survey numbers annually. Census ACS survey methodology can be confirmed on their website. These are the most accurate "true data" reports on earth.

I trust you can now separate these myths from fact about rental housing in SSF. Thanks for your time and service to South San Francisco. If you really want to help renters, continue your very effective efforts to increase housing. It's working.

Tom Thompson

Property Owner and Voter

Proud "Mom & Pop" Rental Housing Provider

DP04

SELECTED HOUSING CHARACTERISTICS
2013-2017 American Community Survey 5-Year Estimates

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities, and towns and estimates of housing units for states and counties.

A processing error was found in the Year Structure Built estimates since data year 2008. For more information, please see the errate note #110.

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Technical Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Versions of this	1		South San Francisco CCD, San Mateo County, California				South San Francisco city, California				
for the following 14						Percent				Percent	
vears:	of 143	a blood	67-414	Margin of		Margin of		Margin of		Margin of	
2017	143		Estimate	Error	Percent	Error	Estimate	Error	Percent	Error	
2016		HOUSING OCCUPANCY						Dr. 62 =			
2015		Total housing units	110,878	+/-1,025	110,876	(20)	21,856	+/-460	21,856	(20)	
2014		Occupied housing units	106,071	+/-992	95.7%	+/-0.5	20,712	+/-437	94.8%	+/-1.3	
2013		Vacant housing units	4,805	+/-565	4.3%	+/-0.5	1,144	+/-296	5.2%	+/-1.3	
2012		Homeowner vacancy rate	0.4	+/-0.2	(X)	(00)	0.3	+/-0.3	(X)	(20)	
2011		Rental vacancy rate	2.9	+/-0.7	(X)	00	5.5	+/-2.3	(X)	(20)	
2010		The state of the s	10 Mg		3.2	. ,	**		3 -2-5	2-1-	
		UNITS IN STRUCTURE									
		Total housing units	110,876	+/-1.025	110,876	(20)	21,856	+/-460	21,856	(20)	
		1-unit, detached	61,805	+/-1.001	55.7%	+/-0.7	12,351	+/-473	CONTRACTOR OF THE PARTY OF	+/-1.8	
		1-unit, attached	The state of the s	2012/05/05	8.6%	+/-0.5	2,291	+/-261	10.5%	+/-1.2	
		and the second section of the second section of the second section sec	9,527	+/-509	On the contract of	100	1.5-11-5-5-11-5-5-1	- C - C - C - C - C - C - C - C - C - C	attraction of the	CALL THE STREET	
		2 units	3,929	+/-437	3.5%	+/-0.4	547	+/-175	2.5%	+/-0.8	
		3 or 4 units	5,673	+/-571	5.1%	+/-0.5	1,212	+/-252	5.5%	+/-1.1	
		5 to 9 units	8,233	+/-565	7.4%	+/-0.5	1,830	+/-331	8.4%	+/-1.5	
		10 to 19 units	6,154	+/-608	5.6%	+/-0.5	880	+/-234	4.0%	+/-1.1	
		20 or more units	14,498	+/-695	13.1%	+/-0.6	2,394	+/-286	11.0%	+/-1.3	
		Mobile home	980	+/-147	0.9%	+/-0.1	298	+/-124	F. M. W. C.	+/-0.6	
		Bost, RV, van, etc.	79	+/-39	0.1%	+/-0.1	53	+/-28	0.2%	+/-0.1	
		Mark A and the Application		F. 114		4 - 1		54.15.4			
		YEAR STRUCTURE BUILT									
		Total housing units	110,876	+/-1,025	110,876	(X)	21,856	+/-460	21.856	(X)	
		Built 2014 or later	184	+/-62	0.2%	+/-0.1	0	+/-29	0.0%	+/-0.2	
		Built 2010 to 2013		+/-209	1.0%	+/-0.2	94	+/-62	0.4%	+/-0.3	
		Control of the Contro	1,058	4.45% 500.4	No. of the Co.	410 707		W	DESCRIPTION OF	PARTICIPAL TO	
		Built 2000 to 2009	5,607	+/-482	5.1%	+/-0.4	1,912	+/-309	and the second	+/-1.4	
		Built 1990 to 1999	7,138	+/-601	6.4%	+/-0.5	1,615	+/-260	7.4%	+/-1.2	
		Built 1980 to 1989	9,486	+/-595	8.6%	+/-0.5	2,057	+/-313	9.4%	+/-1.4	
		Built 1970 to 1979	19,574	+/-804	17.7%	+/-0.7	4,058	+/-351	18.6%	+/-1.6	
		Built 1960 to 1969	19,240	+/-763	17.4%	+/-0.7	2,899	+/-340	13.3%	+/-1.5	
		Built 1950 to 1959	27,369	+/-954	24.7%	+/-0.8	5,901	+/-457	27.0%	+/-2.0	
		Built 1940 to 1949	11,257	+/-609	10.2%	+/-0.5	2,404	+/-315	11.0%	4/-1.5	
		Built 1939 or earlier	9,963	+/-609	9.0%	+/-0.5	916	+/-207	4.2%	+/-0.9	
		ROOMS		,							
		Total housing units	110,876	+/-1,025	110,876	(20)	21,856	+/-460	21,856	(20)	
		1 room	4,499	+/-392	4.1%	+/-0.3	688	4/-181	3.1%	+/-0.8	
		2 rooms	5,738	+/-493	5.2%	+/-0.4		+/-168	2.4%	+/-0.8	
		The section of		CONTRACT PRODUCT			A Abrill on	a martine from	Account to		
		3 rooms	14,482	+/-673	13.1%	+/-0.6	20.00	+/-340	Investor and in the	+/-1.5	
		4 rooms	19,457	+/-871	17,5%	+/-0.8	4,521	+/-460		+/-2.1	
		5 rooms	22,298	+/-1,009	20.1%	+/-0.9	4,920	+/-394	22.5%	+/-1.7	
		6 rooms	19,292	+/-797	17.4%	+/-0.7	4,135	+/-402		+/-1.9	
		7 rooms	12,297	+/-603	11.1%	+/-0.6	2,344	+/-323	10.7%	+/-1.5	
		8 rooms	7,216	+/-517	6.5%	+/-0.4	1,304	+/-244	6.0%	+/-1.1	
		9 rooms or more	5,597	+/-433	5.0%	+/-0.4	850	+/-207	3.9%	+/-0.9	
		Median rooms	5.0	+/-0.1	(X)	(X)	5.0	+/-0.2	(X)	(X)	
		BEDROOMS		;							
		Total housing units	110,876	+/-1.025	110,876	(X)	21,856	+/-460	21,856	(00)	
			AT COMMEN	Mark Control of the Control	2 1 mm m mm			4	and the second second		
		No bedroom	5,262	+/-440	4.7%	+/-0.4	760	+/-189	CONTRACTOR OF STREET	+/-0.9	
		1 bedroom	17,661	+/-866	15.9%	+/-0.8	2,749	+/-378		+/-1.7	
		2 bedrooms	26,046	+/-966	23.5%	+/-0.8	5,249	+/-426		+/-1.9	
		3 bedrooms	40,547	+/-880	36.6%	+/-0.8	8,740	+/-447	40.0%	+/-2.0	
		4 bedrooms	17,156	+/-762	15.5%	+/-0.7	3,517	+/-315		+/-1.4	
		5 or more bedrooms	4,204	+/-401	3.8%	+/-0.4	841	+/-197	3.8%	+/-0.9	
		HOUSING TENURE									
		Occupied housing units	106,071	+/-992	106,071	(20)	20,712	+/-437	20,712	(20)	
		Owner-occupied	62,705	+/-1,153	59.1%	+/-0.8	12,665	+/-435	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	+/-1,8	
		Renter-occupied	43,366	+/-899	40.9%	+/-0.8	8,047	+/-412		+/-1.8	
		Average household size of owner-occupied unit	3.10	+/-0.04	(X)	(X)	3.17	+/-0.09	(X)	(X)	

	Souti	South San Francisco CCD, San Mateo County, California South San Francisco cit							
Subject	Estimate	Margin of Error	Percent	Percent Margin of Error	Estimate	Margin of Error	Percent	Percent Margin of Error	
Average household size of renter-occupied unit	2.88	+/-0.07		(20)	3.25	+/-0.17	h	(X)	
YEAR HOUSEHOLDER MOVED INTO UNIT						40.4	T . :		
Occupied housing units	106,071	+/-992	106,071	00	20,712	+/-437	20,712	(%)	
Moved in 2015 or later	8,041	+/-513	7.6%	+/-0.5	1,162	+/-235	5.6%	+/-1.1	
Moved in 2010 to 2014	31,592	+/-1,045	29.8%	+/-1.0	5,659	+/-493	27.3%	+/-2.3	
Moved in 2000 to 2009	28,030	+/-979	26.4%	+/-0.9	6,218	+/-505	30.0%	+/-2.4	
Moved in 1990 to 1999 Moved in 1980 to 1989	15,382	+/-630	14.5%	+/-0.8	3,282	+/-324	15.8%	+/-1.5	
Moved in 1979 and earlier	10,477 12,549	+/-560 +/-569	9.9%	+/-0.5	1,720 2,671	+/-268	8.3% 12.9%	+/-1.3 +/-1.4	
VEHICLES AVAILABLE	4		, w						
Occupied housing units	106,071	+/-992	106,071	(%)	20,712	+/-437	20,712	(20)	
No vehicles available	6,765	+/-547	6.4%	+/-0.5	1,439	+/-324	6.9%	+/-1.5	
1 vehicle available	31,991	+/-939	30.2%	+/-0.8	5,086	+/-482	24.6%	+/-2.1	
2 vehicles available 3 or more vehicles available	38,819 28,496	+/-1,157	36.6% 26.9%	+/-1.0	7,662	+/-514	37.0%	+/-2.6	
11 Table - Company Control - Company	20,480	77-003	20.570	+/-0.9	6,525	+/-450	31.5%	+/-2.1	
HOUSE HEATING FUEL Occupied housing units	400 004		400	111				* * *	
Utility gas	70,795	+/-992	108,071	(0)	20,712	+/-437	20,712	(20	
Botled, tank, or LP gas	1,634	+/-1,216	1.5%	+/-1.0	14,156 257	+/-539	68.3%	+/-2.4	
Electricity	30,376	+/-1.083	28.6%	+/-0.9	5,686	+/-509	27.4%	+/-2.3	
Fuel oil, kerosene, etc.	141	+/-82	0.1%	+/-0.1	0	+/-29	0.0%	+/-0.2	
Coal or coke	7	+/-12	0.0%	+/-0.1	0	+/-29	0.0%	+/-0.2	
Wood	367	+/-121	0.3%	+/-0.1 .	140	+/-107	0.7%	+/-0.5	
Solar energy	171	+/-87	0.2%	+/-0.1	55	+/-49	0.3%	+/-0.2	
Other fuel	95 :	+/-81	0.1%	+/-0.1	42	+/-68	0.2%	+/-0.3	
No fuel used	2,485	+/-338	2.3%	+/-0.3	396	+/-121	1.9%	+/-0.6	
SELECTED CHARACTERISTICS Occupied housing units	106,071	+/-992	106,071	oo.	20,712	+/-437	20,712	· ~	
Lacking complete plumbing facilities	504	+/-161	0.5%	+/-0.2	228	+/-115	1.1%	(X) : +/-0.6 '	
Lacking complete kitchen facilities	918	+/-209	0.9%	+/-0.2	258	+/-116	1.2%	+/-0.6	
No telephone service available	1,974	+/-305	1.9%	+/-0.3	518	+/-160	2.5%	+/-0.8	
OCCUPANTS PER ROOM		7,750,00		. 22 8	194 1141		remain a si		
Occupied housing units 1.00 or less	108,071	+/-992	106,071	(20)	20,712	+/-437	20,712	(20)	
1.01 to 1.50	96,942 5,701	+/-1,273	91.4%	+/-0.6	19,038	+/-561	91.9%	+/-1.4	
1.51 or more	3,428	+/-482	3.2%	+/-0.5	1,201 473	+/-250	2.3%	+/-1.2	
VALUE			1		- 1			90	
Owner-occupied units	62,705	+/-1,153	62,705		12.665	+/-435	12,665	rin l	
Less than \$50,000	790	4/-150	1.3%	(X) +/-0.2	248	+/-435 ;	2.0%	(X) +/-0.8	
\$50,000 to \$99,999	716	+/-166	1.1%	+/-0.3	246	+/-116	1.9%	+/-0.9	
\$100,000 to \$149,999	445	+/-108	0.7%	+/-0.2	86	+/-68	0.7%	+/-0.5	
\$150,000 to \$199,999	303	+/-93	0.5%	+/-0.1	36	+/-45	0.3%	+/-0.4	
\$200,000 to \$299,999	1,203	+/-204	1.9%	+/-0.3	87	+/-82	0.7%	+/-0.5	
\$300,000 to \$499,999	5,979	+/-495	9.5%	+/-0.7	1,555	+/-249	12.3%	+/-2.0	
\$500,000 to \$999,999 \$1,000,000 or more	40,279	+/-1,025	64.2%	+/-1.1	9,067	+/-447	71.6%	+/-2.6	
Median (dollars)	12,990 744,900	+/-580	20.7% (X)	+/-0.9	1,340	+/-264	10.8%	+/-2.0	
According to the second	749,000	¥7-0,502	(^)	(20)	697,400	+/-15,361	(20)	(20)	
MORTGAGE STATUS	10000	e en execut	72_ 202727			e e é			
Owner-occupied units Housing units with a mortgage	62,705	+/-1,153	62,705	(X)	12,665	+/-435	12,665	00	
Housing units without a mortgage	44,783 17,942	+/-1,163 +/-798	71.4% 28.6%	+/-1.2	9,173	+/-458	72.4% 27.6%	+/-2.7	
SELECTED MONTHLY OWNER COSTS (SMOC)			· termentur ta di -		e e e		Charles at		
Housing units with a mortgage	44,763	+/-1,163	44,763	(%)	9,173	+/-458	9,173	(20)	
Less than \$500	251	+/-81	0.6%	+/-0.2	48	+/-46	0.5%	+/-0.5	
\$500 to \$999	1,283	+/-192	2.9%	+/-0.4	291	+/-118	3.2%	+/-1.3	
\$1,000 to \$1,499	2,893	+/-279	6.5%	+/-0.6	662	+/-164	7.2%	+/-1.7	
\$1,500 to \$1,999	5,389	+/-461	12.0%	+/-1.0	1,288	+/-228	14.0%	+/-2.4	
\$2,000 to \$2,499	7,374	+/-499	16.5%	+/-1.0	1,699	+/-271	18.5%	+/-2.9	
\$2,500 to \$2,999	7,513	4/-507	16.8%	+/-1.1	1,643	+/-206	17.9%	4-24	
\$3,000 or more Median (dollars)	20,060	+/-835	44.8% (X)	+/-1.4 (X)	3,542 2,682	+/-429	38.6% (X)	+/-3.8 (X)	
Housing units without a mortgage	#11.5 mm 21		1	}		. Colombia			
Less than \$250	17,942 877	+/-796	17,942 4.9%	(/O) +/-1.0	3,492	+/-365	3,492 6.6%	(X) +/-2.5	
\$250 to \$399	3,873	+/-363	20.5%	+/-1.7	998	1 - Debeye - 1	28.5%	+/-2.5	
\$400 to \$599	5,357	+/-414	29.9%	+/-1.9	934	mar or to be because it	26.7%	+/-3.5	
\$600 to \$799	3,100	+/-319	17.3%	+/-1.7	516		14.8%	+/-3.4	
\$800 to \$999	2,246	+/-323	12.5%	+/-1.6	457	22 - 220 ·	13.1%	+/-4.2	
\$1,000 or more	2,689	+/-258	15.0%	+/-1.3	359	+/-118	10.3%	+/-3.1	
								-	

		South	San Francis County.	ico CCD, S California	an Mateo	South San Francisco city, California				
			2	~	Percent					
			Margin of		Margin of		Margin of		Margin of	
	Subject	Estimate	Error	Percent :	Error	Estimate.	Error	Percent	Error	
	Median (dollars)	564	+/-14	(X)	(20)	502	+/-42	(20)	(20)	
	SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME (SMOCAPI)									
	Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)	44,559	+/-1,153	44,559	(20)	9,137	+/-452	9,137	(X)	
	Less than 20.0 percent	14,085	+/-715	31.6%	+/-1.6	2,974	+/-313	32.5%	+/-3.2	
	20.0 to 24.9 percent	7,045	+/-534	15.8%	+/-1.1	1,500	+/-261	17.3%	+/-2.9	
	25.0 to 29.9 percent	5,416	+/-474	12.2%	+/-1.0	1,153	+/-202	12.6%	+/-2.1	
	30.0 to 34.9 percent	4,374	+/-448	9.8%	+/-1.0	782	+/-184	8.6%	+/-1.9	
	A Maria Company Compan	100000000000000000000000000000000000000	+/-845	30.7%	+/-1.6		+/-354	29.0%	+/-3.3	
	35.0 percent or more	13,659	+/-845	30.7%	+/-1.0	2,040	7/-304	28.070	71-3.3	
	Not computed	204	+/-93	(X)	(20)	36	+/-43	(X)	(%)	
	Housing unit without a mortgage (excluding units where SMOCAPI cannot be computed)	17,771	+/-809	17,771	(20)	3,472	4/-368	3,472	(×)	
	Less than 10.0 percent	8,968	+/-551	50.5%	+/-2.2	1,733	+/-237	49.9%	+/-4.9	
	a management of the control of the control of	3,036	+/-352	17.1%	+/-1.9	45.00.000.0	+/-178	19.8%	+/-4.7	
	10.0 to 14.9 percent	Burn Street		10.8%	+/-1.5	261	+/-92	7.5%	+/-2.4	
	15.0 to 19.9 percent	1,889	+/-279	*************	1.781 (89.9)	A-26-2.51	4 115	100	10000	
	20.0 to 24.9 percent	1,166	+/-222	6.6%	+/-1.2	170	+/-87	4.9%	4/-2.4	
	25.0 to 29.9 percent	696	+/-161	3.9%	+/-0.9	198	+/-105	5.7%	+/-2.9	
	30.0 to 34.9 percent	522	+/-145	2.9%	+/-0.8	23	+/-28	0.7%	+/-0.8	
	35.0 percent or more	1,494	+/-254	8.4%	+/-1.3	400	+/-143	11.5%	+/-3.9	
	Not computed	171	+/-67	(X)	(×)	20	+/-21	(X)	(X)	
×	GROSS RENT			40.14	A CONTRACTOR IN	The same of the same of	residence out to decide elling	en en	TOP COME OF THE OWNER OF	
/ 4.	Occupied units paying rent	41,955	+/-890	41,955	(20)	7,777	+/-419	7,777	(20)	
	Less than \$500	1,282	+/-253	3.1% -	+/-0.6	494	+/-159	6.4%	+/-2.1	
	\$500 to \$999	2,101	+/-300	5.0%	+/-0.7	608	+/-212	7.8%	4/-2.8	
	of the other bills in a little of	7,809	+/-728	18.6%	+/-1.7	1,529	+/-320	19.7%	+/-3.8	
	91,000 to 91,480	11,780	+/-677	28.1%	+/-1.6	2,504	+/-331	32.2%	+/-3.9	
it on I unles on	\$1,500 to \$1,999	1000 - 1000	CAST BATTOLISM	Subsettler 1.5	The Property of	1 44 10064	* exception filtre	***	+/-3.1	
210 /00 -300	\$2,000 to \$2,499	8,888	+/-718	21.2%	+/-1.6	1,197	+/-235	15.4%		
. ,	\$2,500 to \$2,999	5,494	+/-484	13.1%	+/-1.2	792	+/-225	10.2%	+/-2.8	
	\$3,000 or more	4,601	+/-415	11.0%	+/-1.0	653	+/-200	8.4%	+/-2.5	
edian Reut = 91915	Median (dollars)	1,915	+/-30	(X)	(X)	1,751	+/-60	(20)	(X)	
oction in the second	No rent paid	1,411	+/-235	(X)	(20)	270	+/-103	(20)	00	
	GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME (GRAPI)									
	Occupied units paying rent (excluding units where GRAPI cannot be computed)	41,469	+/-885	41,469	(X)	7,655	+/-422	7,655	(20);	
	Less than 15.0 percent	4,165	+/-427	10.0%	+/-1.0	789	+/-203	10.3%	+/-2.6	
	15.0 to 19.9 percent	5,733	+/-507	13.8%	+/-1.2	1,139	+/-255	14.9%	+/-3.2	
	20.0 to 24.9 percent	5,641	+/-538	13.6%	+/-1,2	per equipment	+/-195	10.3%	+/-2.5	
	25.0 to 29.9 percent	5,411	+/-555	13.0%	+/-1.3	S. Charles	+/-279	14.8%	+/-3.5	
				7.9%	+/-1.0		+/-209	10.5%	+/-2.7	
	30.0 to 34.9 percent 35.0 percent or more	3,282 17,237	+/-420	41.6%	+/-1.0	3,000	+/-209	39.2%	+/-4.1	
	the state of the s		0.00			q lee's				
	Not computed	1,897	+/-299	(X)	(X)	392	+/-160	00	(20)	

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Explanation of Symbols:

An *** entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of An ""entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a stainate error at all size of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or an open-ended distribution.

An "following a median estimate means the median falls in the lowest interval of an open-ended distribution.

An "following a median estimate means the median falls in the upper interval of an open-ended distribution.

An "entry in the margin of error column indicates that the median falls in the lowest interval of an open-ended distribution.

An "entry in the margin of error column indicates that the median falls in the lowest interval of an open-ended distribution.

An "entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling veriability is not appropriate.

An "I'll entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.

An "Old means that the estimate is not appropriate once and the case is too small.

An '(X)' means that the estimate is not applicable or not available

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Households not paying cash rent are excluded from the calculation of median gross rent.

Telephone service data are not available for certain geographic areas due to problems with data collection of this question that occurred in 2015 and 2016. Both ACS 1-year and ACS 5-year files were affected. It may take several years in the ACS 5-year files until the estimates are available for the geographic areas affected.

While the 2013-2017 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.