

Texas Department of Housing and Community Affairs
 Example 2020 HOME SF Regional Allocation Formula

Table 1 - Raw Data

	Region	Individuals at or Below 200% Poverty	HH at or Below 200% Poverty	Cost-Burdened Owners	Cost-Burdened Renters	Over-crowded Owners	Over-crowded Renters	Total Units Lacking Plumbing	Total Units Lacking Kitchen	Vacant Units For Sale	Vacant Units For Rent	Land Area	Total Population	Inverse Population Density
MSA Counties with Urban Places	1	27,108	9,545	2,977	3,381	395	570	1,233	1,670	357	634	2,494	104,678	0.024
	2	17,109	6,024	2,181	1,659	242	172	1,697	1,790	387	525	2,293	59,735	0.038
	3	473,807	166,833	85,100	82,167	9,631	9,718	10,448	19,574	5,825	11,209	7,665	2,128,494	0.004
	4	107,033	37,688	9,045	12,345	1,918	1,396	6,275	6,731	1,549	2,137	2,557	297,704	0.009
	5	61,123	21,522	6,133	6,633	1,160	803	3,724	3,529	1,081	1,593	1,941	220,875	0.009
	6	128,105	45,107	14,218	18,052	3,318	2,209	3,777	4,345	2,138	3,767	2,606	439,088	0.006
	7	254,014	89,442	46,354	47,702	5,701	5,707	4,174	7,320	3,766	7,144	3,922	1,083,684	0.004
	8	131,691	46,370	12,761	18,860	1,795	2,178	4,393	6,948	1,765	4,697	4,202	431,051	0.010
	9	92,486	32,565	14,539	11,743	1,906	1,865	2,848	3,729	1,243	2,429	3,258	368,843	0.009
	10	81,603	28,733	6,413	10,643	1,613	2,382	4,154	5,494	759	2,449	2,508	218,975	0.011
	11	110,454	38,892	4,925	5,460	3,613	2,821	3,931	2,637	643	2,578	3,991	186,993	0.021
	12	57,097	20,105	6,131	8,399	1,894	2,734	2,170	2,830	526	1,468	4,136	223,015	0.019
	13	89,835	31,632	5,548	4,746	2,752	1,287	1,040	1,977	495	620	757	156,559	0.005
		Subtotal	1,631,465	574,460	216,325	231,790	35,938	33,842	49,864	68,574	20,534	41,250	42,330	5,919,694
Non-MSA Counties and Counties with Only Rural Places	1	123,473	43,476	5,942	9,479	2,824	2,425	9,113	12,911	1,522	3,290	36,633	315,872	0.116
	2	98,556	34,703	6,892	7,275	1,325	1,061	11,734	12,680	1,963	2,990	24,831	261,516	0.095
	3	92,052	32,413	7,882	11,329	1,841	1,632	4,072	6,609	2,374	2,475	5,417	254,283	0.021
	4	252,899	89,049	20,524	23,200	4,540	4,051	13,196	17,424	3,647	5,885	12,753	649,354	0.020
	5	155,723	54,832	9,429	17,262	2,789	2,197	11,114	11,712	2,455	3,442	9,910	380,459	0.026
	6	69,391	24,433	4,543	9,291	1,574	1,154	4,162	3,929	876	1,604	4,577	199,197	0.023
	7	37,734	13,287	4,530	3,779	722	628	2,812	3,941	942	868	4,217	118,114	0.036
	8	105,173	37,033	8,428	8,873	2,443	1,357	8,322	9,364	2,221	2,121	12,672	284,198	0.045
	9	74,659	26,288	7,054	6,473	2,373	1,488	4,692	4,993	1,360	1,429	6,857	227,521	0.030
	10	97,406	34,298	4,766	9,590	3,028	2,380	8,110	7,242	884	2,136	14,903	249,750	0.060
	11	151,279	53,267	5,414	8,593	4,515	3,280	7,431	6,422	821	2,846	18,214	277,890	0.066
	12	63,264	22,276	3,175	5,073	1,306	1,022	5,734	6,758	855	1,258	35,496	191,386	0.185
	13	12,643	4,452	501	1,040	281	206	1,330	1,501	239	454	20,687	24,606	0.841
		Subtotal	1,334,252	469,807	89,080	121,257	29,561	22,881	91,822	105,486	20,159	30,798	207,166	3,434,146
	Total	2,965,717	1,044,267	305,405	353,047	65,499	56,723	141,686	174,060	40,693	72,048	249,496	9,353,840	1.730

Variables from Participating Jurisdictions (PJs) are not counted for HOME Program RAFs.

Texas Average HH Size: 2.84

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Table 2 - Weights

	Region	Total Need Variables	% of Total Need Variables	Weighted	Total Availability Variables	% of Total Availability Variables	Weighted	Regional Coverage Factor	% of Total Regional Coverage Factor	Weighted	Initial Subregion Allocation	% of Total Award
MSA Counties with Urban Places	1	19,771	0.9%	\$ 138,538	991	0.9%	\$ (26,370)	0.024	1.4%	\$ 41,304	\$ 153,471	1.02%
	2	13,765	0.6%	\$ 96,455	912	0.8%	\$ (24,268)	0.038	2.2%	\$ 66,555	\$ 138,742	0.92%
	3	383,471	17.9%	\$ 2,687,022	17,034	15.1%	\$ (453,269)	0.004	0.2%	\$ 6,244	\$ 2,239,997	14.93%
	4	75,398	3.5%	\$ 528,319	3,686	3.3%	\$ (98,083)	0.009	0.5%	\$ 14,890	\$ 445,125	2.97%
	5	43,504	2.0%	\$ 304,838	2,674	2.4%	\$ (71,154)	0.009	0.5%	\$ 15,235	\$ 248,919	1.66%
	6	91,026	4.3%	\$ 637,831	5,905	5.2%	\$ (157,130)	0.006	0.3%	\$ 10,291	\$ 490,992	3.27%
	7	206,400	9.6%	\$ 1,446,262	10,910	9.7%	\$ (290,311)	0.004	0.2%	\$ 6,275	\$ 1,162,225	7.75%
	8	93,305	4.4%	\$ 653,798	6,462	5.7%	\$ (171,952)	0.010	0.6%	\$ 16,902	\$ 498,749	3.32%
	9	69,195	3.2%	\$ 484,860	3,672	3.3%	\$ (97,711)	0.009	0.5%	\$ 15,316	\$ 402,465	2.68%
	10	59,432	2.8%	\$ 416,449	3,208	2.8%	\$ (85,364)	0.011	0.7%	\$ 19,858	\$ 350,943	2.34%
	11	62,279	2.9%	\$ 436,397	3,221	2.9%	\$ (85,710)	0.021	1.2%	\$ 37,009	\$ 387,696	2.58%
	12	44,263	2.1%	\$ 310,152	1,994	1.8%	\$ (53,060)	0.019	1.1%	\$ 32,157	\$ 289,249	1.93%
	13	48,982	2.3%	\$ 343,222	1,115	1.0%	\$ (29,670)	0.005	0.3%	\$ 8,389	\$ 321,941	2.15%
	Subtotal	1,210,793	56.6%	\$ 8,484,142	61,784	54.8%	\$ (1,644,051)	0.168	9.7%	\$ 290,425	\$ 7,130,515	47.54%
Non-MSA Counties and Counties with Only Rural Places	1	86,170	4.0%	\$ 603,804	4,812	4.3%	\$ (128,046)	0.116	6.7%	\$ 201,082	\$ 676,840	4.51%
	2	75,670	3.5%	\$ 530,226	4,953	4.4%	\$ (131,798)	0.095	5.5%	\$ 164,629	\$ 563,057	3.75%
	3	65,778	3.1%	\$ 460,911	4,849	4.3%	\$ (129,030)	0.021	1.2%	\$ 36,938	\$ 368,818	2.46%
	4	171,984	8.0%	\$ 1,205,108	9,532	8.5%	\$ (253,643)	0.020	1.1%	\$ 34,051	\$ 985,516	6.57%
	5	109,335	5.1%	\$ 766,121	5,897	5.2%	\$ (156,917)	0.026	1.5%	\$ 45,162	\$ 654,366	4.36%
	6	49,086	2.3%	\$ 343,954	2,480	2.2%	\$ (65,992)	0.023	1.3%	\$ 39,843	\$ 317,804	2.12%
	7	29,699	1.4%	\$ 208,101	1,810	1.6%	\$ (48,163)	0.036	2.1%	\$ 61,897	\$ 221,835	1.48%
	8	75,820	3.5%	\$ 531,276	4,342	3.9%	\$ (115,539)	0.045	2.6%	\$ 77,311	\$ 493,048	3.29%
	9	53,361	2.5%	\$ 373,908	2,789	2.5%	\$ (74,214)	0.030	1.7%	\$ 52,254	\$ 351,948	2.35%
	10	69,414	3.2%	\$ 486,390	3,020	2.7%	\$ (80,361)	0.060	3.4%	\$ 103,459	\$ 509,488	3.40%
	11	88,922	4.2%	\$ 623,087	3,667	3.3%	\$ (97,578)	0.066	3.8%	\$ 113,646	\$ 639,155	4.26%
	12	45,344	2.1%	\$ 317,730	2,113	1.9%	\$ (56,226)	0.185	10.7%	\$ 321,576	\$ 583,080	3.89%
	13	9,311	0.4%	\$ 65,241	693	0.6%	\$ (18,440)	0.841	48.6%	\$ 1,457,729	\$ 1,504,530	10.03%
	Subtotal	929,894	43.4%	\$ 6,515,858	50,957	45.2%	\$ (1,355,949)	1.563	90.3%	\$ 2,709,575	\$ 7,869,485	52.46%
	Total	2,140,687	100%	\$ 15,000,000	112,741	100%	\$ (3,000,000)	1.730	100.0%	\$ 3,000,000	\$ 15,000,000	100.00%

Variables from Participating Jurisdictions (PJs) are not counted for HOME Program RAFs.

Total Sample Allocation: \$15,000,000
Weight of Need Variables: 100%
Weight of Availability Variables: -20%
Weight of Regional Coverage Factor: 20%

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Table 3 - Supplemental Allocation

	Region	Initial Subregion Amount	Supplemental Amount Needed to Reach Subregion Floor	Final Subregion Allocation	% of Total Award
MSA Counties with Urban Places	1	\$ 153,471.43	\$ -	\$ 153,471.43	1.02%
	2	\$ 138,741.57	\$ -	\$ 138,741.57	0.92%
	3	\$ 2,239,996.69	\$ -	\$ 2,239,996.69	14.93%
	4	\$ 445,125.48	\$ -	\$ 445,125.48	2.97%
	5	\$ 248,919.25	\$ -	\$ 248,919.25	1.66%
	6	\$ 490,991.77	\$ -	\$ 490,991.77	3.27%
	7	\$ 1,162,225.47	\$ -	\$ 1,162,225.47	7.75%
	8	\$ 498,748.51	\$ -	\$ 498,748.51	3.32%
	9	\$ 402,465.29	\$ -	\$ 402,465.29	2.68%
	10	\$ 350,942.96	\$ -	\$ 350,942.96	2.34%
	11	\$ 387,696.27	\$ -	\$ 387,696.27	2.58%
	12	\$ 289,249.06	\$ -	\$ 289,249.06	1.93%
	13	\$ 321,940.88	\$ -	\$ 321,940.88	2.15%
	Subtotal	\$ 7,130,514.64	\$ -	\$ 7,130,514.64	47.54%
Non-MSA Counties and Counties with Only Rural Places	1	\$ 676,840.33	\$ -	\$ 676,840.33	4.51%
	2	\$ 563,057.17	\$ -	\$ 563,057.17	3.75%
	3	\$ 368,818.11	\$ -	\$ 368,818.11	2.46%
	4	\$ 985,516.30	\$ -	\$ 985,516.30	6.57%
	5	\$ 654,366.01	\$ -	\$ 654,366.01	4.36%
	6	\$ 317,804.20	\$ -	\$ 317,804.20	2.12%
	7	\$ 221,834.91	\$ -	\$ 221,834.91	1.48%
	8	\$ 493,048.19	\$ -	\$ 493,048.19	3.29%
	9	\$ 351,947.56	\$ -	\$ 351,947.56	2.35%
	10	\$ 509,487.86	\$ -	\$ 509,487.86	3.40%
	11	\$ 639,155.26	\$ -	\$ 639,155.26	4.26%
	12	\$ 583,079.67	\$ -	\$ 583,079.67	3.89%
	13	\$ 1,504,529.80	\$ -	\$ 1,504,529.80	10.03%
	Subtotal	\$ 7,869,485.36	\$ -	\$ 7,869,485.36	52.46%
Total	\$ 15,000,000.00	\$ -	\$ 15,000,000.00	100.00%	

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Subregion Allocation Floor: \$100,000.00

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\$	830,311.75	5.5%
\$	701,798.74	4.7%
\$	2,608,814.80	17.4%
\$	1,430,641.78	9.5%
\$	903,285.26	6.0%
\$	808,795.97	5.4%
\$	1,384,060.38	9.2%
\$	991,796.71	6.6%
\$	754,412.86	5.0%
\$	860,430.81	5.7%
\$	1,026,851.53	6.8%
\$	872,328.73	5.8%
\$	1,826,470.67	12.2%
\$	15,000,000.00	100.0%