

Texas Department of Housing and Community Affairs
Sample 2018 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	28,802	10,142	2,929	3,312	488	451	1,150	1,479	340	514	2,494	102,626	0.024
	2	17,958	6,323	2,214	1,435	132	124	1,827	1,825	419	512	2,293	59,218	0.039
	3	473,960	166,887	87,753	77,004	9,322	9,792	9,732	18,307	6,583	11,258	7,665	2,006,832	0.004
	4	107,315	37,787	10,570	11,988	1,985	1,508	4,732	5,662	1,645	2,185	2,557	293,597	0.009
	5	63,573	22,385	6,843	6,868	1,189	740	3,081	3,365	967	1,518	1,941	218,924	0.009
	6	123,750	43,574	15,489	16,386	2,962	2,005	4,186	4,808	1,750	3,437	2,606	419,776	0.006
	7	234,133	82,441	45,717	43,435	4,481	5,039	3,114	5,612	4,020	5,278	3,034	925,085	0.003
	8	137,091	48,271	13,010	19,221	1,360	2,152	4,269	7,923	2,601	6,151	4,202	423,041	0.010
	9	91,600	32,254	14,466	11,323	1,976	2,033	2,675	3,351	1,249	2,041	3,258	347,783	0.009
	10	82,547	29,066	6,597	10,791	1,672	2,562	3,820	5,326	957	2,134	2,508	216,008	0.012
	11	115,314	40,604	5,014	5,450	3,801	2,966	4,308	3,041	913	2,867	3,991	185,055	0.022
	12	58,170	20,482	6,211	8,015	1,912	1,547	2,324	2,722	515	1,112	4,136	212,230	0.019
	13	92,772	32,666	5,291	4,679	2,889	1,763	1,470	2,207	450	570	757	154,770	0.005
		Subtotal	1,626,985	572,882	222,104	219,907	34,169	32,682	46,688	65,628	22,409	39,577	41,442	5,564,945
Non-MSA Counties and Counties with Only Rural Places	1	132,223	46,557	7,002	9,569	2,714	2,647	7,388	10,912	1,341	2,961	36,633	318,806	0.115
	2	102,085	35,945	7,051	8,385	1,150	1,275	11,135	12,063	2,020	2,656	24,831	263,352	0.094
	3	97,537	34,344	8,973	12,218	1,941	1,362	3,716	5,671	2,137	2,125	5,417	250,366	0.022
	4	261,964	92,241	21,487	23,568	4,553	3,437	12,942	16,235	3,933	4,996	12,753	647,768	0.020
	5	161,472	56,856	10,171	16,213	2,471	2,001	9,828	11,482	2,607	3,395	9,910	380,090	0.026
	6	70,493	24,821	5,139	9,186	1,207	862	4,622	4,219	1,051	1,766	4,577	196,835	0.023
	7	65,717	23,140	8,558	6,212	1,362	904	3,378	4,758	1,361	1,475	5,105	192,651	0.026
	8	107,191	37,743	8,583	9,491	2,287	1,324	8,308	9,843	2,268	2,498	12,672	282,401	0.045
	9	75,742	26,670	8,354	6,724	2,255	1,685	4,268	5,003	1,633	1,299	6,857	221,949	0.031
	10	99,047	34,876	4,827	9,213	2,893	2,303	6,987	7,190	963	1,731	14,903	249,263	0.060
	11	153,200	53,944	6,245	8,570	4,529	3,010	6,410	6,095	1,064	2,734	18,214	275,449	0.066
	12	61,987	21,826	2,947	4,636	1,398	1,116	6,217	6,627	1,005	770	35,496	188,991	0.188
	13	11,964	4,213	597	886	275	160	1,072	1,319	305	374	20,687	24,397	0.848
		Subtotal	1,400,622	493,177	99,934	124,871	29,035	22,086	86,271	101,417	21,688	28,780	208,054	3,492,318
	Total	3,027,607	1,066,059	322,038	344,778	63,204	54,768	132,959	167,045	44,097	68,357	249,496	9,057,263	1.735

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	19,951	0.9%	\$ 92,757	854	0.8%	\$ (15,188)	0.024	1.4%	\$ 28,017	\$ 105,585	1.06%
	2	13,880	0.6%	\$ 64,534	931	0.8%	\$ (16,558)	0.039	2.2%	\$ 44,646	\$ 92,622	0.93%
	3	378,797	17.6%	\$ 1,761,151	17,841	15.9%	\$ (317,303)	0.004	0.2%	\$ 4,404	\$ 1,448,252	14.48%
	4	74,232	3.5%	\$ 345,128	3,830	3.4%	\$ (68,117)	0.009	0.5%	\$ 10,040	\$ 287,052	2.87%
	5	44,471	2.1%	\$ 206,759	2,485	2.2%	\$ (44,196)	0.009	0.5%	\$ 10,222	\$ 172,786	1.73%
	6	89,410	4.2%	\$ 415,696	5,187	4.6%	\$ (92,251)	0.006	0.4%	\$ 7,158	\$ 330,603	3.31%
	7	189,839	8.8%	\$ 882,624	9,298	8.3%	\$ (165,365)	0.003	0.2%	\$ 3,781	\$ 721,040	7.21%
	8	96,206	4.5%	\$ 447,295	8,752	7.8%	\$ (155,655)	0.010	0.6%	\$ 11,453	\$ 303,093	3.03%
	9	68,078	3.2%	\$ 316,514	3,290	2.9%	\$ (58,513)	0.009	0.5%	\$ 10,802	\$ 268,804	2.69%
	10	59,834	2.8%	\$ 278,187	3,091	2.7%	\$ (54,974)	0.012	0.7%	\$ 13,387	\$ 236,600	2.37%
	11	65,184	3.0%	\$ 303,059	3,780	3.4%	\$ (67,227)	0.022	1.2%	\$ 24,869	\$ 260,701	2.61%
	12	43,213	2.0%	\$ 200,913	1,627	1.4%	\$ (28,936)	0.019	1.1%	\$ 22,471	\$ 194,448	1.94%
	13	50,965	2.4%	\$ 236,954	1,020	0.9%	\$ (18,141)	0.005	0.3%	\$ 5,643	\$ 224,456	2.24%
	Subtotal	1,194,060	55.5%	\$ 5,551,571	61,986	55.1%	\$ (1,102,424)	0.171	9.8%	\$ 196,896	\$ 4,646,042	46.46%
Non-MSA Counties and Counties with Only Rural Places	1	86,789	4.0%	\$ 403,512	4,302	3.8%	\$ (76,511)	0.115	6.6%	\$ 132,491	\$ 459,492	4.59%
	2	77,004	3.6%	\$ 358,018	4,676	4.2%	\$ (83,163)	0.094	5.4%	\$ 108,717	\$ 383,573	3.84%
	3	68,225	3.2%	\$ 317,200	4,262	3.8%	\$ (75,800)	0.022	1.2%	\$ 24,948	\$ 266,349	2.66%
	4	174,463	8.1%	\$ 811,134	8,929	7.9%	\$ (158,803)	0.020	1.1%	\$ 22,700	\$ 675,031	6.75%
	5	109,022	5.1%	\$ 506,880	6,002	5.3%	\$ (106,746)	0.026	1.5%	\$ 30,062	\$ 430,197	4.30%
	6	50,056	2.3%	\$ 232,729	2,817	2.5%	\$ (50,100)	0.023	1.3%	\$ 26,814	\$ 209,442	2.09%
	7	48,312	2.2%	\$ 224,617	2,836	2.5%	\$ (50,438)	0.026	1.5%	\$ 30,552	\$ 204,731	2.05%
	8	77,579	3.6%	\$ 360,691	4,766	4.2%	\$ (84,764)	0.045	2.6%	\$ 51,740	\$ 327,668	3.28%
	9	54,959	2.6%	\$ 255,521	2,932	2.6%	\$ (52,146)	0.031	1.8%	\$ 35,622	\$ 238,997	2.39%
	10	68,289	3.2%	\$ 317,496	2,694	2.4%	\$ (47,913)	0.060	3.4%	\$ 68,936	\$ 338,519	3.39%
	11	88,803	4.1%	\$ 412,872	3,798	3.4%	\$ (67,548)	0.066	3.8%	\$ 76,246	\$ 421,570	4.22%
	12	44,767	2.1%	\$ 208,138	1,775	1.6%	\$ (31,568)	0.188	10.8%	\$ 216,562	\$ 393,132	3.93%
	13	8,522	0.4%	\$ 39,620	679	0.6%	\$ (12,076)	0.848	48.9%	\$ 977,713	\$ 1,005,257	10.05%
	Subtotal	956,791	44.5%	\$ 4,448,429	50,468	44.9%	\$ (897,576)	1.564	90.2%	\$ 1,803,104	\$ 5,353,958	53.54%
	Total	2,150,851	100%	\$ 10,000,000	112,454	100%	\$ (2,000,000)	1.735	200.0%	\$ 2,000,000	\$ 10,000,000	100.00%

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

Total Sample Allocation: \$10,000,000
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	\$ 105,584.88	\$ -	\$ 105,584.88	1.06%
	2	\$ 92,622.07	\$ 7,377.93	\$ 100,000.00	1.00%
	3	\$ 1,448,251.90	\$ -	\$ 1,448,251.90	14.47%
	4	\$ 287,052.10	\$ -	\$ 287,052.10	2.87%
	5	\$ 172,785.59	\$ -	\$ 172,785.59	1.73%
	6	\$ 330,603.13	\$ -	\$ 330,603.13	3.30%
	7	\$ 721,039.77	\$ -	\$ 721,039.77	7.21%
	8	\$ 303,093.38	\$ -	\$ 303,093.38	3.03%
	9	\$ 268,803.96	\$ -	\$ 268,803.96	2.69%
	10	\$ 236,600.34	\$ -	\$ 236,600.34	2.36%
	11	\$ 260,701.09	\$ -	\$ 260,701.09	2.61%
	12	\$ 194,447.97	\$ -	\$ 194,447.97	1.94%
	13	\$ 224,455.98	\$ -	\$ 224,455.98	2.24%
	Subtotal	\$ 4,646,042.16	\$ 7,377.93	\$ 4,653,420.09	46.50%
Non-MSA Counties and Counties with Only Rural Places	1	\$ 459,491.86	\$ -	\$ 459,491.86	4.59%
	2	\$ 383,572.75	\$ -	\$ 383,572.75	3.83%
	3	\$ 266,348.65	\$ -	\$ 266,348.65	2.66%
	4	\$ 675,031.40	\$ -	\$ 675,031.40	6.75%
	5	\$ 430,196.58	\$ -	\$ 430,196.58	4.30%
	6	\$ 209,442.05	\$ -	\$ 209,442.05	2.09%
	7	\$ 204,731.05	\$ -	\$ 204,731.05	2.05%
	8	\$ 327,667.69	\$ -	\$ 327,667.69	3.27%
	9	\$ 238,996.71	\$ -	\$ 238,996.71	2.39%
	10	\$ 338,519.43	\$ -	\$ 338,519.43	3.38%
	11	\$ 421,570.45	\$ -	\$ 421,570.45	4.21%
	12	\$ 393,131.77	\$ -	\$ 393,131.77	3.93%
	13	\$ 1,005,257.46	\$ -	\$ 1,005,257.46	10.05%
	Subtotal	\$ 5,353,957.84	\$ -	\$ 5,353,957.84	53.50%
Total	\$ 10,000,000.00	\$ 7,377.93	\$ 10,007,377.93	100.00%	

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

Subregion Allocation Floor: \$100,000.00