

Attachment B: Texas Department of Housing and Community Affairs
Example 2023 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	25,589	9,042	3,286	2,882	524	588	1,347	1,539	240	489	2,494	106,482	0.023
	2	16,929	5,982	1,601	1,662	266	126	1,869	1,871	344	270	2,293	60,201	0.038
	3	465,370	164,442	91,842	90,557	10,612	10,946	10,325	20,494	6,193	13,688	7,665	2,364,737	0.003
	4	124,220	43,894	10,990	13,217	2,189	2,291	9,618	6,775	1,137	2,395	3,453	367,330	0.009
	5	56,262	19,881	4,832	6,321	1,036	963	4,671	6,049	1,033	1,879	1,941	222,242	0.009
	6	125,184	44,235	15,155	18,705	3,366	2,402	4,328	4,840	2,192	2,964	2,606	469,663	0.006
	7	250,945	88,673	49,929	52,275	6,282	6,532	4,159	8,165	3,360	7,230	3,922	1,207,932	0.003
	8	128,060	45,251	13,392	21,206	2,227	2,400	3,823	5,756	1,651	3,007	4,202	445,044	0.009
	9	89,232	31,531	15,396	13,603	1,991	1,674	2,197	3,736	1,542	1,870	3,258	408,311	0.008
	10	70,495	24,910	4,739	8,913	1,279	1,882	3,972	5,381	752	2,418	2,256	194,832	0.012
	11	104,374	36,881	4,791	6,027	3,563	1,924	2,526	2,028	301	1,644	3,991	189,153	0.021
	12	57,904	20,461	6,298	8,807	1,833	3,186	2,156	2,358	664	1,678	4,136	234,487	0.018
	13	75,796	26,783	6,077	3,989	1,805	848	1,499	1,327	635	866	757	157,036	0.005
		Subtotal	1,590,360	561,965	228,328	248,164	36,973	35,762	52,490	70,319	20,044	40,398	42,975	6,427,450
Non-MSA Counties and Counties with Only Rural Places	1	115,922	40,962	6,010	9,389	2,312	1,927	10,859	13,471	1,306	3,076	36,633	307,374	0.119
	2	90,726	32,059	6,907	7,636	1,879	825	12,031	11,818	1,752	2,258	24,831	260,521	0.095
	3	81,384	28,758	8,663	10,997	1,914	1,453	4,538	6,116	1,392	1,902	5,417	264,950	0.020
	4	217,277	76,776	17,522	20,746	4,543	3,281	12,536	15,438	2,483	4,782	11,856	594,991	0.020
	5	154,845	54,716	9,326	18,315	3,849	2,560	13,076	11,824	1,965	3,054	9,910	383,426	0.026
	6	70,952	25,071	4,854	10,853	1,581	1,340	4,853	4,956	1,019	1,673	4,577	202,007	0.023
	7	36,063	12,743	4,802	3,595	1,019	518	2,595	3,108	620	460	4,217	123,154	0.034
	8	97,826	34,567	7,628	9,304	2,917	1,215	8,762	9,658	1,551	1,853	12,672	289,745	0.044
	9	72,450	25,601	6,425	6,674	2,567	1,843	4,303	4,459	1,378	1,503	6,857	237,497	0.029
	10	102,601	36,255	5,183	9,999	2,606	2,179	10,166	8,975	1,124	2,571	15,155	271,936	0.056
	11	147,673	52,181	4,993	9,708	3,679	3,709	7,711	7,085	844	2,171	18,214	277,656	0.066
	12	64,643	22,842	3,566	5,158	1,544	806	5,434	6,182	742	1,352	35,496	192,408	0.184
	13	12,234	4,323	376	1,377	170	246	1,681	1,536	154	408	20,687	25,154	0.822
		Subtotal	1,264,596	446,854	86,255	123,751	30,580	21,902	98,545	104,626	16,330	27,063	206,522	3,430,819
	Total	2,854,956	1,008,818	314,583	371,915	67,553	57,664	151,035	174,945	36,374	67,461	249,496	9,858,269	1.703

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

Texas Average HH Size: 2.83

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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	19,208	0.9%	\$ 134,227	729	0.7%	\$ (21,062)	0.023	1.4%	\$ 41,261	\$ 154,426	1.03%
	2	13,377	0.6%	\$ 93,479	614	0.6%	\$ (17,740)	0.038	2.2%	\$ 67,108	\$ 142,848	0.95%
	3	399,218	18.6%	\$ 2,789,764	19,881	19.1%	\$ (574,402)	0.003	0.2%	\$ 5,711	\$ 2,221,073	14.81%
	4	88,974	4.1%	\$ 621,757	3,532	3.4%	\$ (102,047)	0.009	0.6%	\$ 16,563	\$ 536,274	3.58%
	5	43,753	2.0%	\$ 305,746	2,912	2.8%	\$ (84,133)	0.009	0.5%	\$ 15,387	\$ 237,000	1.58%
	6	93,031	4.3%	\$ 650,105	5,156	5.0%	\$ (148,967)	0.006	0.3%	\$ 9,777	\$ 510,915	3.41%
	7	216,015	10.1%	\$ 1,509,530	10,590	10.2%	\$ (305,966)	0.003	0.2%	\$ 5,721	\$ 1,209,285	8.06%
	8	94,055	4.4%	\$ 657,263	4,658	4.5%	\$ (134,579)	0.009	0.6%	\$ 16,636	\$ 539,320	3.60%
	9	70,128	3.3%	\$ 490,058	3,412	3.3%	\$ (98,579)	0.008	0.5%	\$ 14,060	\$ 405,538	2.70%
	10	51,076	2.4%	\$ 356,922	3,170	3.1%	\$ (91,588)	0.012	0.7%	\$ 20,400	\$ 285,735	1.90%
	11	57,740	2.7%	\$ 403,493	1,945	1.9%	\$ (56,195)	0.021	1.2%	\$ 37,179	\$ 384,477	2.56%
	12	45,099	2.1%	\$ 315,154	2,342	2.3%	\$ (67,665)	0.018	1.0%	\$ 31,078	\$ 278,567	1.86%
	13	42,328	2.0%	\$ 295,792	1,501	1.4%	\$ (43,367)	0.005	0.3%	\$ 8,499	\$ 260,923	1.74%
		Subtotal	1,234,001	57.5%	\$ 8,623,291	60,442	58.2%	\$ (1,746,290)	0.164	9.6%	\$ 289,378	\$ 7,166,380
Non-MSA Counties and Counties with Only Rural Places	1	84,930	4.0%	\$ 593,496	4,382	4.2%	\$ (126,605)	0.119	7.0%	\$ 209,985	\$ 676,876	4.51%
	2	73,155	3.4%	\$ 511,210	4,010	3.9%	\$ (115,857)	0.095	5.6%	\$ 167,932	\$ 563,285	3.76%
	3	62,439	2.9%	\$ 436,326	3,294	3.2%	\$ (95,170)	0.020	1.2%	\$ 36,024	\$ 377,180	2.51%
	4	150,842	7.0%	\$ 1,054,098	7,265	7.0%	\$ (209,900)	0.020	1.2%	\$ 35,109	\$ 879,306	5.86%
	5	113,666	5.3%	\$ 794,304	5,019	4.8%	\$ (145,009)	0.026	1.5%	\$ 45,537	\$ 694,832	4.63%
	6	53,508	2.5%	\$ 373,921	2,692	2.6%	\$ (77,777)	0.023	1.3%	\$ 39,924	\$ 336,068	2.24%
	7	28,380	1.3%	\$ 198,322	1,080	1.0%	\$ (31,203)	0.034	2.0%	\$ 60,325	\$ 227,444	1.52%
	8	74,051	3.4%	\$ 517,477	3,404	3.3%	\$ (98,348)	0.044	2.6%	\$ 77,058	\$ 496,187	3.31%
	9	51,872	2.4%	\$ 362,483	2,881	2.8%	\$ (83,238)	0.029	1.7%	\$ 50,869	\$ 330,114	2.20%
	10	75,363	3.5%	\$ 526,641	3,695	3.6%	\$ (106,756)	0.056	3.3%	\$ 98,189	\$ 518,074	3.45%
	11	89,066	4.1%	\$ 622,402	3,015	2.9%	\$ (87,109)	0.066	3.9%	\$ 115,582	\$ 650,875	4.34%
	12	45,532	2.1%	\$ 318,181	2,094	2.0%	\$ (60,500)	0.184	10.8%	\$ 325,043	\$ 582,725	3.88%
	13	9,709	0.5%	\$ 67,847	562	0.5%	\$ (16,237)	0.822	48.3%	\$ 1,449,045	\$ 1,500,654	10.00%
		Subtotal	912,513	42.5%	\$ 6,376,709	43,393	41.8%	\$ (1,253,710)	1.538	90.4%	\$ 2,710,622	\$ 7,833,620
	Total	2,146,513	100%	\$ 15,000,000	103,835	100%	\$ (3,000,000)	1.703	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	\$ 154,426.09	\$ -	\$ 154,426.09	1.03%
	2	\$ 142,847.89	\$ -	\$ 142,847.89	0.95%
	3	\$ 2,221,073.07	\$ -	\$ 2,221,073.07	14.81%
	4	\$ 536,273.56	\$ -	\$ 536,273.56	3.58%
	5	\$ 236,999.52	\$ -	\$ 236,999.52	1.58%
	6	\$ 510,914.78	\$ -	\$ 510,914.78	3.41%
	7	\$ 1,209,284.90	\$ -	\$ 1,209,284.90	8.06%
	8	\$ 539,319.69	\$ -	\$ 539,319.69	3.60%
	9	\$ 405,538.32	\$ -	\$ 405,538.32	2.70%
	10	\$ 285,734.69	\$ -	\$ 285,734.69	1.90%
	11	\$ 384,477.09	\$ -	\$ 384,477.09	2.56%
	12	\$ 278,566.84	\$ -	\$ 278,566.84	1.86%
	13	\$ 260,923.23	\$ -	\$ 260,923.23	1.74%
	Subtotal	\$ 7,166,379.66	\$ -	\$ 7,166,379.66	47.78%
Non-MSA Counties and Counties with Only Rural Places	1	\$ 676,876.03	\$ -	\$ 676,876.03	4.51%
	2	\$ 563,285.29	\$ -	\$ 563,285.29	3.76%
	3	\$ 377,179.74	\$ -	\$ 377,179.74	2.51%
	4	\$ 879,306.38	\$ -	\$ 879,306.38	5.86%
	5	\$ 694,832.15	\$ -	\$ 694,832.15	4.63%
	6	\$ 336,067.50	\$ -	\$ 336,067.50	2.24%
	7	\$ 227,443.76	\$ -	\$ 227,443.76	1.52%
	8	\$ 496,187.07	\$ -	\$ 496,187.07	3.31%
	9	\$ 330,114.24	\$ -	\$ 330,114.24	2.20%
	10	\$ 518,074.01	\$ -	\$ 518,074.01	3.45%
	11	\$ 650,874.78	\$ -	\$ 650,874.78	4.34%
	12	\$ 582,724.95	\$ -	\$ 582,724.95	3.88%
	13	\$ 1,500,654.44	\$ -	\$ 1,500,654.44	10.00%
	Subtotal	\$ 7,833,620.34	\$ -	\$ 7,833,620.34	52.22%
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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	2023	2023	Difference	2022	2022
1	\$ 831,302.12	5.5%	-0.1%	\$ 839,797.05	5.6%
2	\$ 706,133.17	4.7%	0.1%	\$ 692,123.34	4.6%
3	\$ 2,598,252.81	17.3%	-0.1%	\$ 2,612,097.23	17.4%
4	\$ 1,415,579.94	9.4%	-0.1%	\$ 1,428,761.92	9.5%
5	\$ 931,831.67	6.2%	0.1%	\$ 916,227.11	6.1%
6	\$ 846,982.28	5.6%	0.1%	\$ 838,985.83	5.6%
7	\$ 1,436,728.66	9.6%	0.3%	\$ 1,387,778.73	9.3%
8	\$ 1,035,506.76	6.9%	0.0%	\$ 1,033,497.10	6.9%
9	\$ 735,652.56	4.9%	0.1%	\$ 727,354.03	4.8%
10	\$ 803,808.70	5.4%	-0.2%	\$ 827,440.66	5.5%
11	\$ 1,035,351.86	6.9%	-0.1%	\$ 1,051,495.95	7.0%
12	\$ 861,291.79	5.7%	-0.1%	\$ 871,277.59	5.8%
13	\$ 1,761,577.68	11.7%	-0.1%	\$ 1,773,163.48	11.8%
Total	\$ 15,000,000.00	100.0%	0.0%	\$ 15,000,000.00	100.0%