

Texas Department of Housing and Community Affairs  
 Example 2022 HTF 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
1	197,995	69,717	16,103	40,555	2,658	4,769	4,682	7,924	2,140	8,761	2,716	558,508	0.005
2	97,755	34,421	7,891	18,017	961	1,306	5,205	5,482	1,521	3,944	2,472	288,409	0.009
3	2,182,357	768,436	261,737	462,033	40,856	78,713	28,399	58,991	18,064	85,673	9,603	7,451,677	0.001
4	202,281	71,226	16,376	28,613	3,412	3,026	10,147	10,085	2,744	5,544	3,563	551,863	0.006
5	129,750	45,687	9,427	19,598	1,764	1,657	8,378	8,694	1,785	3,089	2,101	395,174	0.005
6	2,186,207	769,791	225,591	427,475	39,912	75,085	36,659	59,142	23,079	85,789	7,612	6,854,374	0.001
7	526,529	185,398	79,746	145,102	9,082	20,876	5,984	13,357	6,159	22,821	4,220	2,114,441	0.002
8	339,531	119,553	27,117	69,287	4,342	6,778	7,011	10,373	3,186	12,583	4,438	918,786	0.005
9	787,026	277,122	77,789	134,203	11,599	18,708	13,838	21,472	7,331	24,976	4,498	2,347,277	0.002
10	189,633	66,772	15,313	32,222	3,828	4,936	7,713	10,442	2,071	6,519	2,414	520,657	0.005
11	855,710	301,306	43,833	68,209	27,531	24,323	19,919	15,371	4,704	13,378	5,823	1,550,368	0.004
12	126,470	44,532	12,526	21,410	2,795	4,371	4,486	5,755	1,225	4,297	4,235	452,381	0.009
13	378,519	133,281	30,010	47,530	5,802	7,858	3,688	6,750	3,090	12,075	1,013	836,062	0.001
Subtotal	8,199,763	2,887,240	823,459	1,514,254	154,542	252,406	156,109	233,838	77,099	289,449	54,708	24,839,977	0.055
1	119,385	42,037	5,949	8,961	2,570	2,388	10,286	14,511	1,534	2,972	36,633	310,465	0.118
2	91,730	32,299	6,652	7,446	1,949	943	12,247	11,989	1,928	2,774	24,831	260,921	0.095
3	87,272	30,730	8,140	10,681	1,801	1,561	4,078	6,251	1,668	2,472	5,417	261,132	0.021
4	220,448	77,623	17,820	21,206	4,635	3,233	12,797	15,687	3,076	5,013	11,856	591,515	0.020
5	154,296	54,330	9,947	17,174	3,446	2,409	12,323	11,308	2,157	3,333	9,910	382,372	0.026
6	70,274	24,744	4,744	9,849	1,680	1,544	5,078	4,916	981	1,575	4,577	201,660	0.023
7	36,382	12,811	4,544	3,435	972	626	2,639	3,741	701	552	4,217	121,254	0.035
8	101,884	35,875	7,855	9,154	2,689	1,376	9,479	10,010	1,818	1,960	12,672	287,987	0.044
9	74,163	26,114	6,385	6,649	2,370	1,734	4,699	4,820	1,285	1,364	6,857	234,634	0.029
10	106,154	37,378	5,695	10,105	2,987	2,447	10,102	8,467	1,208	2,909	15,157	273,195	0.055
11	152,853	53,821	5,099	9,087	4,213	3,597	7,906	7,257	902	2,499	18,214	278,142	0.065
12	64,781	22,810	3,445	5,336	1,557	1,230	5,927	6,727	934	1,578	35,496	192,526	0.184
13	11,726	4,129	364	1,113	258	230	1,719	1,622	228	449	20,687	25,076	0.825
Subtotal	1,291,348	454,700	86,639	120,196	31,127	23,318	99,280	107,306	18,420	29,450	206,524	3,420,879	1.541
Total	9,491,111	3,341,940	910,098	1,634,450	185,669	275,724	255,389	341,144	95,519	318,899	261,232	28,260,856	1.596

Texas Average HH Size: 2.84

**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	Final Subregion Allocation	% of Total Award
MSA Counties with Urban Places	1	146,408	2.1%	\$ 63,248	10,901	\$ (15,783)	0.005	0.3%	\$ 1,828	\$ 49,293	1.64%
	2	73,283	1.1%	\$ 31,658	5,465	\$ (7,912)	0.009	0.5%	\$ 3,222	\$ 26,968	0.90%
	3	1,699,165	24.5%	\$ 734,042	103,737	\$ (150,192)	0.001	0.1%	\$ 484	\$ 584,335	19.48%
	4	142,885	2.1%	\$ 61,726	8,288	\$ (11,999)	0.006	0.4%	\$ 2,427	\$ 52,154	1.74%
	5	95,205	1.4%	\$ 41,129	4,874	\$ (7,057)	0.005	0.3%	\$ 1,998	\$ 36,070	1.20%
	6	1,633,655	23.5%	\$ 705,742	108,868	\$ (157,621)	0.001	0.1%	\$ 417	\$ 548,539	18.28%
	7	459,545	6.5%	\$ 198,524	28,980	\$ (41,958)	0.002	0.1%	\$ 750	\$ 157,317	5.24%
	8	244,461	3.5%	\$ 105,608	15,769	\$ (22,831)	0.005	0.3%	\$ 1,816	\$ 84,593	2.82%
	9	554,731	8.0%	\$ 239,645	32,307	\$ (46,775)	0.002	0.1%	\$ 720	\$ 193,591	6.45%
	10	141,226	2.0%	\$ 61,010	8,590	\$ (12,437)	0.005	0.3%	\$ 1,743	\$ 50,316	1.68%
	11	500,492	7.2%	\$ 216,214	18,082	\$ (26,179)	0.004	0.2%	\$ 1,412	\$ 191,446	6.38%
	12	95,875	1.4%	\$ 41,418	5,522	\$ (7,995)	0.009	0.6%	\$ 3,519	\$ 36,942	1.23%
	13	234,919	3.4%	\$ 101,486	15,165	\$ (21,956)	0.001	0.1%	\$ 455	\$ 79,985	2.67%
Subtotal	6,021,848	86.7%	\$ 2,601,450	366,548	\$ (530,693)	0.055	3.5%	\$ 20,791	\$ 2,091,548	69.72%	
Non-MSA Counties and Counties with Only Rural Places	1	86,702	1.2%	\$ 37,455	4,506	\$ (6,524)	0.118	7.4%	\$ 44,353	\$ 75,284	2.51%
	2	73,525	1.1%	\$ 31,763	4,702	\$ (6,808)	0.095	6.0%	\$ 35,772	\$ 60,728	2.02%
	3	63,242	0.9%	\$ 27,320	4,140	\$ (5,994)	0.021	1.3%	\$ 7,798	\$ 29,124	0.97%
	4	153,001	2.2%	\$ 66,097	8,089	\$ (11,711)	0.020	1.3%	\$ 7,534	\$ 61,919	2.06%
	5	110,937	1.6%	\$ 47,925	5,490	\$ (7,948)	0.026	1.6%	\$ 9,742	\$ 49,718	1.66%
	6	52,555	0.8%	\$ 22,704	2,556	\$ (3,701)	0.023	1.4%	\$ 8,532	\$ 27,536	0.92%
	7	28,768	0.4%	\$ 12,428	1,253	\$ (1,814)	0.035	2.2%	\$ 13,072	\$ 23,685	0.79%
	8	76,438	1.1%	\$ 33,021	3,778	\$ (5,470)	0.044	2.8%	\$ 16,540	\$ 44,092	1.47%
	9	52,771	0.8%	\$ 22,797	2,649	\$ (3,835)	0.029	1.8%	\$ 10,985	\$ 29,947	1.00%
	10	77,181	1.1%	\$ 33,342	4,117	\$ (5,961)	0.055	3.5%	\$ 20,855	\$ 48,237	1.61%
	11	90,980	1.3%	\$ 39,304	3,401	\$ (4,924)	0.065	4.1%	\$ 24,616	\$ 58,995	1.97%
	12	47,032	0.7%	\$ 20,318	2,512	\$ (3,637)	0.184	11.6%	\$ 69,304	\$ 85,985	2.87%
	13	9,435	0.1%	\$ 4,076	677	\$ (980)	0.825	51.7%	\$ 310,106	\$ 313,202	10.44%
Subtotal	922,566	13.3%	\$ 398,550	47,870	\$ (69,307)	1.541	96.5%	\$ 579,209	\$ 908,452	30.28%	
Total	6,944,414	100%	\$ 3,000,000	414,418	\$ (600,000)	1.596	100.0%	\$ 600,000	\$ 3,000,000	100.00%	

Total Sample Allocation: \$3,000,000

Weight of Need Variables: 100%

Weight of Availability Variables: ~20%

Weight of Regional Coverage Factor: 20%