

Texas Department of Housing and Community Affairs  
Sample 2018 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
MSA Counties with Urban Places	1	202,723	71,381	16,682	38,159	2,881	3,888	7,383	3,399	1,917	6,655	2,716	539,916	0.005
	2	101,948	35,897	8,220	17,062	1,078	1,553	5,561	4,537	1,532	4,405	2,472	286,370	0.009
	3	2,303,299	811,021	276,868	435,333	38,926	72,568	57,715	28,297	21,361	81,826	9,603	6,894,421	0.001
	4	185,100	65,176	15,915	27,620	3,163	2,722	7,971	5,576	2,439	5,499	2,663	473,981	0.006
	5	144,112	50,744	11,898	20,498	2,346	1,787	6,611	6,415	1,703	4,873	2,101	391,464	0.005
	6	2,193,304	772,290	238,850	386,460	42,002	68,313	59,045	40,960	21,071	82,324	7,612	6,317,767	0.001
	7	543,821	191,486	78,469	136,035	8,003	18,051	10,639	5,727	6,254	15,873	3,332	1,812,146	0.002
	8	344,558	121,323	26,518	66,336	3,280	5,758	12,944	6,934	4,511	17,562	4,438	869,164	0.005
	9	799,280	281,437	80,523	127,860	12,859	18,735	23,250	14,125	7,914	22,192	4,498	2,173,347	0.002
	10	203,455	71,639	16,581	33,714	3,821	5,812	9,993	6,772	1,943	5,171	2,666	532,521	0.005
	11	896,938	315,823	47,300	65,380	28,959	25,426	16,711	21,038	4,673	11,502	5,823	1,500,415	0.004
	12	129,691	45,666	11,372	20,353	3,267	3,380	5,706	4,686	1,127	2,858	4,235	421,155	0.010
	13	412,299	145,176	29,112	45,430	7,544	8,267	8,103	3,696	3,169	8,901	1,013	831,095	0.001
		<b>Subtotal</b>	<b>8,460,528</b>	<b>2,979,059</b>	<b>858,308</b>	<b>1,420,240</b>	<b>158,129</b>	<b>236,260</b>	<b>231,632</b>	<b>152,162</b>	<b>79,614</b>	<b>269,641</b>	<b>53,171</b>	<b>23,043,762</b>
Non-MSA Counties and Counties with Only Rural Places	1	132,223	46,557	7,002	9,569	2,714	2,647	10,912	7,388	1,341	2,961	36,633	318,806	0.115
	2	102,085	35,945	7,051	8,385	1,150	1,275	12,063	11,135	2,020	2,656	24,831	263,352	0.094
	3	97,537	34,344	8,973	12,218	1,941	1,362	5,671	3,716	2,137	2,125	5,417	250,366	0.022
	4	262,463	92,417	21,541	23,633	4,553	3,437	16,259	12,966	3,933	5,019	12,756	650,302	0.020
	5	161,472	56,856	10,171	16,213	2,471	2,001	11,482	9,828	2,607	3,395	9,910	380,090	0.026
	6	70,493	24,821	5,139	9,186	1,207	862	4,219	4,622	1,051	1,766	4,577	196,835	0.023
	7	65,717	23,140	8,558	6,212	1,362	904	4,758	3,378	1,361	1,475	5,105	192,651	0.026
	8	107,191	37,743	8,583	9,491	2,287	1,324	9,843	8,308	2,268	2,498	12,672	282,401	0.045
	9	75,742	26,670	8,354	6,724	2,255	1,685	5,003	4,268	1,633	1,299	6,857	221,949	0.031
	10	99,047	34,876	4,827	9,213	2,893	2,303	7,190	6,987	963	1,731	14,905	249,263	0.060
	11	153,200	53,944	6,245	8,570	4,529	3,010	6,095	6,410	1,064	2,734	18,214	275,449	0.066
	12	61,987	21,826	2,947	4,636	1,398	1,116	6,627	6,217	1,005	770	35,496	188,991	0.188
	13	11,964	4,213	597	886	275	160	1,319	1,072	305	374	20,687	24,397	0.848
		<b>Subtotal</b>	<b>1,401,121</b>	<b>493,352</b>	<b>99,988</b>	<b>124,936</b>	<b>29,035</b>	<b>22,086</b>	<b>101,441</b>	<b>86,295</b>	<b>21,688</b>	<b>28,803</b>	<b>208,060</b>	<b>3,494,852</b>
	<b>Total</b>	<b>9,861,649</b>	<b>3,472,412</b>	<b>958,296</b>	<b>1,545,176</b>	<b>187,164</b>	<b>258,346</b>	<b>333,073</b>	<b>238,457</b>	<b>101,302</b>	<b>298,444</b>	<b>261,232</b>	<b>26,538,614</b>	<b>1.620</b>

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	Final Subregion Allocation	% of Total Award
MSA Counties with Urban Places	1	143,773	2.1%	\$ 61,679	8,572	2.1%	\$ (12,866)	0.005	0.3%	\$ 1,863	\$ 50,676	1.69%
	2	73,908	1.1%	\$ 31,707	5,937	1.5%	\$ (8,911)	0.009	0.5%	\$ 3,197	\$ 25,993	0.87%
	3	1,720,728	24.6%	\$ 738,201	103,187	25.8%	\$ (154,879)	0.001	0.1%	\$ 516	\$ 583,838	19.46%
	4	128,143	1.8%	\$ 54,974	7,938	2.0%	\$ (11,915)	0.006	0.3%	\$ 2,080	\$ 45,140	1.50%
	5	100,299	1.4%	\$ 43,029	6,576	1.6%	\$ (9,870)	0.005	0.3%	\$ 1,987	\$ 35,146	1.17%
	6	1,607,920	23.0%	\$ 689,806	103,395	25.9%	\$ (155,191)	0.001	0.1%	\$ 446	\$ 535,061	17.84%
	7	448,410	6.4%	\$ 192,370	22,127	5.5%	\$ (33,212)	0.002	0.1%	\$ 681	\$ 159,840	5.33%
	8	243,093	3.5%	\$ 104,288	22,073	5.5%	\$ (33,131)	0.005	0.3%	\$ 1,891	\$ 73,049	2.43%
	9	558,789	8.0%	\$ 239,723	30,106	7.5%	\$ (45,188)	0.002	0.1%	\$ 767	\$ 195,302	6.51%
	10	148,332	2.1%	\$ 63,635	7,114	1.8%	\$ (10,678)	0.005	0.3%	\$ 1,854	\$ 54,812	1.83%
	11	520,637	7.4%	\$ 223,356	16,175	4.0%	\$ (24,278)	0.004	0.2%	\$ 1,437	\$ 200,515	6.68%
	12	94,430	1.4%	\$ 40,511	3,985	1.0%	\$ (5,981)	0.010	0.6%	\$ 3,724	\$ 38,254	1.28%
	13	247,328	3.5%	\$ 106,105	12,070	3.0%	\$ (18,117)	0.001	0.1%	\$ 451	\$ 88,440	2.95%
	<b>Subtotal</b>	<b>6,035,790</b>	<b>86.3%</b>	<b>\$ 2,589,385</b>	<b>349,255</b>	<b>87.4%</b>	<b>\$ (524,215)</b>	<b>0.056</b>	<b>3.5%</b>	<b>\$ 20,894</b>	<b>\$ 2,086,064</b>	<b>69.54%</b>
Non-MSA Counties and Counties with Only Rural Places	1	86,789	1.2%	\$ 37,233	4,302	1.1%	\$ (6,457)	0.115	7.1%	\$ 42,554	\$ 73,330	2.44%
	2	77,004	1.1%	\$ 33,035	4,676	1.2%	\$ (7,018)	0.094	5.8%	\$ 34,918	\$ 60,935	2.03%
	3	68,225	1.0%	\$ 29,269	4,262	1.1%	\$ (6,397)	0.022	1.3%	\$ 8,013	\$ 30,885	1.03%
	4	174,806	2.5%	\$ 74,992	8,952	2.2%	\$ (13,437)	0.020	1.2%	\$ 7,264	\$ 68,820	2.29%
	5	109,022	1.6%	\$ 46,771	6,002	1.5%	\$ (9,009)	0.026	1.6%	\$ 9,656	\$ 47,418	1.58%
	6	50,056	0.7%	\$ 21,474	2,817	0.7%	\$ (4,228)	0.023	1.4%	\$ 8,612	\$ 25,858	0.86%
	7	48,312	0.7%	\$ 20,726	2,836	0.7%	\$ (4,257)	0.026	1.6%	\$ 9,813	\$ 26,282	0.88%
	8	77,579	1.1%	\$ 33,282	4,766	1.2%	\$ (7,154)	0.045	2.8%	\$ 16,618	\$ 42,746	1.42%
	9	54,959	0.8%	\$ 23,578	2,932	0.7%	\$ (4,401)	0.031	1.9%	\$ 11,441	\$ 30,618	1.02%
	10	68,289	1.0%	\$ 29,296	2,694	0.7%	\$ (4,044)	0.060	3.7%	\$ 22,145	\$ 47,397	1.58%
	11	88,803	1.3%	\$ 38,097	3,798	1.0%	\$ (5,701)	0.066	4.1%	\$ 24,489	\$ 56,885	1.90%
	12	44,767	0.6%	\$ 19,205	1,775	0.4%	\$ (2,664)	0.188	11.6%	\$ 69,556	\$ 86,098	2.87%
	13	8,522	0.1%	\$ 3,656	679	0.2%	\$ (1,019)	0.848	52.3%	\$ 314,026	\$ 316,663	10.56%
	<b>Subtotal</b>	<b>957,133</b>	<b>13.7%</b>	<b>\$ 410,615</b>	<b>50,491</b>	<b>12.6%</b>	<b>\$ (75,785)</b>	<b>1.564</b>	<b>96.5%</b>	<b>\$ 579,106</b>	<b>\$ 913,936</b>	<b>30.46%</b>
	<b>Total</b>	<b>6,992,924</b>	<b>100%</b>	<b>\$ 3,000,000</b>	<b>399,746</b>	<b>100%</b>	<b>\$ (600,000)</b>	<b>1.620</b>	<b>200.0%</b>	<b>\$ 600,000</b>	<b>\$ 3,000,000</b>	<b>100.00%</b>

**Total Sample Allocation: \$3,000,000**

Weight of Need Variables: 100%

Weight of Availability Variables: -20%

Weight of Regional Coverage Factor: 20%