

Texas Department of Housing and Community Affairs
Example 2021 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	198,173	69,291	16,273	40,017	2,638	4,492	4,481	7,736	2,004	8,591	2,716	554,828	0.005
	2	100,142	35,015	7,993	18,125	964	1,402	5,182	5,860	1,679	3,983	2,472	288,057	0.009
	3	2,233,165	780,827	260,057	457,642	40,676	77,940	28,175	58,320	18,387	80,382	9,603	7,317,944	0.001
	4	207,203	72,449	15,990	29,251	3,475	2,939	9,713	10,602	3,068	6,082	3,563	549,781	0.006
	5	135,302	47,308	10,110	19,921	1,765	1,630	8,483	7,826	1,849	3,258	2,101	395,636	0.005
	6	2,195,301	767,588	223,640	414,865	40,191	73,495	36,449	56,948	21,535	81,787	7,612	6,749,539	0.001
	7	540,304	188,917	78,425	143,208	9,108	19,996	6,467	12,821	5,939	22,310	4,220	2,058,351	0.002
	8	338,791	118,458	26,570	68,023	4,078	6,493	6,679	10,424	3,270	12,962	4,438	905,887	0.005
	9	793,672	277,508	77,764	132,528	12,101	18,118	14,051	21,870	7,215	24,890	4,498	2,307,415	0.002
	10	190,242	66,518	15,246	32,789	4,022	5,462	7,416	10,023	2,102	5,969	2,414	519,502	0.005
	11	875,159	306,000	44,435	68,151	27,858	23,829	20,154	15,689	4,743	13,172	5,823	1,543,192	0.004
	12	125,641	43,930	11,801	21,504	2,908	4,465	4,535	5,740	1,298	4,325	4,235	445,616	0.010
	13	394,954	138,096	30,743	46,436	6,536	7,585	3,717	7,369	3,267	11,543	1,013	837,654	0.001
	Subtotal	8,328,049	2,911,905	819,047	1,492,460	156,320	247,846	155,502	231,228	76,356	279,254	54,708	24,473,402	0.056
Non-MSA Counties and Counties with Only Rural Places	1	121,455	42,467	6,003	9,494	2,526	2,542	9,533	13,960	1,537	3,047	36,633	313,354	0.117
	2	95,796	33,495	6,775	7,681	1,897	895	11,755	11,822	2,003	2,764	24,831	261,663	0.095
	3	90,732	31,724	8,286	11,549	1,825	1,456	4,114	6,599	1,897	2,472	5,417	257,772	0.021
	4	226,381	79,154	18,249	21,152	4,378	3,284	12,279	16,283	3,130	5,481	11,856	588,995	0.020
	5	154,853	54,144	9,309	17,122	3,079	2,292	12,074	11,633	2,367	3,340	9,910	381,665	0.026
	6	69,928	24,450	4,676	9,609	1,628	1,529	4,794	4,660	912	1,534	4,577	200,420	0.023
	7	37,023	12,945	4,791	3,739	903	636	3,022	4,167	904	581	4,217	119,687	0.035
	8	103,590	36,220	8,170	8,971	2,666	1,555	9,125	9,961	2,036	1,852	12,672	286,246	0.044
	9	75,555	26,418	6,854	6,533	2,144	1,585	5,002	5,060	1,262	1,349	6,857	231,143	0.030
	10	108,803	38,043	5,650	10,862	2,993	2,649	9,634	8,408	1,241	2,736	15,157	274,423	0.055
	11	152,972	53,487	5,243	9,071	4,219	3,332	7,944	6,880	866	2,558	18,214	278,627	0.065
	12	64,820	22,664	3,258	5,220	1,454	1,110	5,546	6,475	881	1,346	35,496	192,886	0.184
	13	12,161	4,252	534	1,216	220	222	1,421	1,487	320	433	20,687	24,912	0.830
	Subtotal	1,314,069	459,465	87,798	122,219	29,932	23,087	96,243	107,395	19,356	29,493	206,524	3,411,793	1.546
	Total	9,642,118	3,371,370	906,845	1,614,679	186,252	270,933	251,745	338,623	95,712	308,747	261,232	27,885,195	1.602

Texas Average HH Size: 2.86

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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	144,928	2.1%	\$ 62,645	10,595	2.6%	\$ (15,717)	0.005	0.3%	\$ 1,833	\$ 48,761	1.63%
	2	74,541	1.1%	\$ 32,220	5,662	1.4%	\$ (8,399)	0.009	0.5%	\$ 3,215	\$ 27,035	0.90%
	3	1,703,637	24.5%	\$ 736,395	98,769	24.4%	\$ (146,520)	0.001	0.1%	\$ 492	\$ 590,366	19.68%
	4	144,419	2.1%	\$ 62,425	9,150	2.3%	\$ (13,574)	0.006	0.4%	\$ 2,427	\$ 51,279	1.71%
	5	97,043	1.4%	\$ 41,947	5,107	1.3%	\$ (7,576)	0.005	0.3%	\$ 1,989	\$ 36,360	1.21%
	6	1,613,176	23.2%	\$ 697,293	103,322	25.5%	\$ (153,274)	0.001	0.1%	\$ 422	\$ 544,441	18.15%
	7	458,942	6.6%	\$ 198,377	28,249	7.0%	\$ (41,906)	0.002	0.1%	\$ 768	\$ 157,239	5.24%
	8	240,725	3.5%	\$ 104,053	16,232	4.0%	\$ (24,080)	0.005	0.3%	\$ 1,835	\$ 81,809	2.73%
	9	553,940	8.0%	\$ 239,440	32,105	7.9%	\$ (47,627)	0.002	0.1%	\$ 730	\$ 192,544	6.42%
	10	141,476	2.0%	\$ 61,153	8,071	2.0%	\$ (11,973)	0.005	0.3%	\$ 1,741	\$ 50,921	1.70%
	11	506,116	7.3%	\$ 218,768	17,915	4.4%	\$ (26,576)	0.004	0.2%	\$ 1,414	\$ 193,605	6.45%
	12	94,883	1.4%	\$ 41,013	5,623	1.4%	\$ (8,342)	0.010	0.6%	\$ 3,560	\$ 36,232	1.21%
	13	240,482	3.5%	\$ 103,948	14,810	3.7%	\$ (21,970)	0.001	0.1%	\$ 453	\$ 82,431	2.75%
	Subtotal	6,014,308	86.7%	\$ 2,599,678	355,610	87.9%	\$ (527,534)	0.056	3.5%	\$ 20,879	\$ 2,093,023	69.77%
Non-MSA Counties and Counties with Only Rural Places	1	86,525	1.2%	\$ 37,400	4,584	1.1%	\$ (6,800)	0.117	7.3%	\$ 43,793	\$ 74,393	2.48%
	2	74,320	1.1%	\$ 32,125	4,767	1.2%	\$ (7,072)	0.095	5.9%	\$ 35,548	\$ 60,601	2.02%
	3	65,553	0.9%	\$ 28,335	4,369	1.1%	\$ (6,481)	0.021	1.3%	\$ 7,872	\$ 29,727	0.99%
	4	154,779	2.2%	\$ 66,903	8,611	2.1%	\$ (12,774)	0.020	1.3%	\$ 7,541	\$ 61,670	2.06%
	5	109,653	1.6%	\$ 47,398	5,707	1.4%	\$ (8,466)	0.026	1.6%	\$ 9,726	\$ 48,658	1.62%
	6	51,346	0.7%	\$ 22,194	2,446	0.6%	\$ (3,629)	0.023	1.4%	\$ 8,556	\$ 27,121	0.90%
	7	30,203	0.4%	\$ 13,055	1,485	0.4%	\$ (2,203)	0.035	2.2%	\$ 13,197	\$ 24,050	0.80%
	8	76,668	1.1%	\$ 33,140	3,888	1.0%	\$ (5,768)	0.044	2.8%	\$ 16,584	\$ 43,956	1.47%
	9	53,596	0.8%	\$ 23,167	2,611	0.6%	\$ (3,873)	0.030	1.9%	\$ 11,113	\$ 30,406	1.01%
	10	78,239	1.1%	\$ 33,819	3,977	1.0%	\$ (5,900)	0.055	3.4%	\$ 20,690	\$ 48,609	1.62%
	11	90,176	1.3%	\$ 38,978	3,424	0.8%	\$ (5,079)	0.065	4.1%	\$ 24,488	\$ 58,387	1.95%
	12	45,727	0.7%	\$ 19,766	2,227	0.6%	\$ (3,304)	0.184	11.5%	\$ 68,937	\$ 85,398	2.85%
	13	9,352	0.1%	\$ 4,042	753	0.2%	\$ (1,117)	0.830	51.8%	\$ 311,076	\$ 314,001	10.47%
	Subtotal	926,139	13.3%	\$ 400,322	48,849	12.1%	\$ (72,466)	1.546	96.5%	\$ 579,121	\$ 906,977	30.23%
	Total	6,940,447	100%	\$ 3,000,000	404,459	100%	\$ (600,000)	1.602	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%