

Texas Department of Housing and Community Affairs  
Example 2021 HTC Regional Allocation Formula

**Table 1 - Raw Data**

	Region	Individuals at or Below 200% Poverty	HH at or Below 200% Poverty	Cost-Burdened Renters	Overcrowded Renters	Vacant Units For Rent
MSA Counties with Urban Places	1	198,173	69,291	40,017	4,492	8,591
	2	100,142	35,015	18,125	1,402	3,983
	3	2,233,165	780,827	457,642	77,940	80,382
	4	207,203	72,449	29,251	2,939	6,082
	5	135,302	47,308	19,921	1,630	3,258
	6	2,195,301	767,588	414,865	73,495	81,787
	7	540,304	188,917	143,208	19,996	22,310
	8	338,791	118,458	68,023	6,493	12,962
	9	793,672	277,508	132,528	18,118	24,890
	10	190,242	66,518	32,789	5,462	5,969
	11	875,159	306,000	68,151	23,829	13,172
	12	125,641	43,930	21,504	4,465	4,325
	13	394,954	138,096	46,436	7,585	11,543
	Subtotal	8,328,049	2,911,905	1,492,460	247,846	279,254
Non-MSA Counties and Counties with Only Rural Places	1	121,455	42,467	9,494	2,542	3,047
	2	95,796	33,495	7,681	895	2,764
	3	90,732	31,724	11,549	1,456	2,472
	4	226,381	79,154	21,152	3,284	5,481
	5	154,853	54,144	17,122	2,292	3,340
	6	69,928	24,450	9,609	1,529	1,534
	7	37,023	12,945	3,739	636	581
	8	103,590	36,220	8,971	1,555	1,852
	9	75,555	26,418	6,533	1,585	1,349
	10	108,803	38,043	10,862	2,649	2,736
	11	152,972	53,487	9,071	3,332	2,558
	12	64,820	22,664	5,220	1,110	1,346
	13	12,161	4,252	1,216	222	433
	Subtotal	1,314,069	459,465	122,219	23,087	29,493
<b>Total</b>	<b>9,642,118</b>	<b>3,371,370</b>	<b>1,614,679</b>	<b>270,933</b>	<b>308,747</b>	

Texas Average HH Size: 2.86

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**Table 2 - Weights**

	Region	Total Need Variables	% of Total Need Variables	Weighted	Total Availability Variable	% of Total Availability Variable	Weighted	Initial Subregion Allocation	% of Total Award
MSA Counties with Urban Places	1	113,800	2.2%	\$ 2,110,626	8,591	2.8%	\$ (904,325)	\$ 1,206,301.90	1.86%
	2	54,542	1.0%	\$ 1,011,572	3,983	1.3%	\$ (419,267)	\$ 592,304.50	0.91%
	3	1,316,409	25.0%	\$ 24,415,125	80,382	26.0%	\$ (8,461,345)	\$ 15,953,779.45	24.54%
	4	104,639	2.0%	\$ 1,940,707	6,082	2.0%	\$ (640,217)	\$ 1,300,490.63	2.00%
	5	68,859	1.3%	\$ 1,277,119	3,258	1.1%	\$ (342,951)	\$ 934,168.14	1.44%
	6	1,255,948	23.9%	\$ 23,293,766	81,787	26.5%	\$ (8,609,242)	\$ 14,684,524.43	22.59%
	7	352,121	6.7%	\$ 6,530,714	22,310	7.2%	\$ (2,348,444)	\$ 4,182,269.95	6.43%
	8	192,974	3.7%	\$ 3,579,050	12,962	4.2%	\$ (1,364,434)	\$ 2,214,616.07	3.41%
	9	428,154	8.1%	\$ 7,940,865	24,890	8.1%	\$ (2,620,025)	\$ 5,320,839.77	8.19%
	10	104,769	2.0%	\$ 1,943,129	5,969	1.9%	\$ (628,322)	\$ 1,314,807.33	2.02%
	11	397,980	7.6%	\$ 7,381,234	13,172	4.3%	\$ (1,386,540)	\$ 5,994,694.62	9.22%
	12	69,899	1.3%	\$ 1,296,408	4,325	1.4%	\$ (455,268)	\$ 841,140.41	1.29%
	13	192,117	3.7%	\$ 3,563,145	11,543	3.7%	\$ (1,215,064)	\$ 2,348,080.47	3.61%
		Subtotal	4,652,211	88.5%	\$ 86,283,461	279,254	90.4%	\$ (29,395,444)	\$ 56,888,017.68
Non-MSA Counties and Counties with Only Rural Places	1	54,503	1.0%	\$ 1,010,850	3,047	1.0%	\$ (320,740)	\$ 690,110.27	1.06%
	2	42,071	0.8%	\$ 780,283	2,764	0.9%	\$ (290,950)	\$ 489,332.63	0.75%
	3	44,729	0.9%	\$ 829,587	2,472	0.8%	\$ (260,213)	\$ 569,373.94	0.88%
	4	103,590	2.0%	\$ 1,921,263	5,481	1.8%	\$ (576,953)	\$ 1,344,309.88	2.07%
	5	73,558	1.4%	\$ 1,364,270	3,340	1.1%	\$ (351,582)	\$ 1,012,687.98	1.56%
	6	35,588	0.7%	\$ 660,049	1,534	0.5%	\$ (161,475)	\$ 498,573.45	0.77%
	7	17,320	0.3%	\$ 321,232	581	0.2%	\$ (61,158)	\$ 260,073.40	0.40%
	8	46,746	0.9%	\$ 866,992	1,852	0.6%	\$ (194,949)	\$ 672,042.93	1.03%
	9	34,536	0.7%	\$ 640,528	1,349	0.4%	\$ (142,001)	\$ 498,526.53	0.77%
	10	51,554	1.0%	\$ 956,160	2,736	0.9%	\$ (288,003)	\$ 668,157.17	1.03%
	11	65,890	1.3%	\$ 1,222,041	2,558	0.8%	\$ (269,266)	\$ 952,775.15	1.47%
	12	28,994	0.6%	\$ 537,751	1,346	0.4%	\$ (141,686)	\$ 396,065.50	0.61%
	13	5,690	0.1%	\$ 105,533	433	0.1%	\$ (45,579)	\$ 59,953.51	0.09%
		Subtotal	604,771	11.5%	\$ 11,216,539	29,493	9.6%	\$ (3,104,556)	\$ 8,111,982.32
	<b>Total</b>	<b>5,256,982</b>	<b>100.0%</b>	<b>\$ 97,500,000</b>	<b>308,747</b>	<b>100%</b>	<b>\$ (32,500,000)</b>	<b>\$ 65,000,000.00</b>	<b>100.00%</b>

**Total Sample Allocation: \$65,000,000**  
Weight of Need Variables: 150%  
Weight of Availability Variables: -50%

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**Table 3 - Reallocation**

	Region	Initial Subregion Amount	Amount Needed to Reach Subregion Floor	Amount that can be Reallocated	% of Total Amount that can be Reallocated	Amount to be Reallocated	Final Subregion Allocation	% of Total Award
MSA Counties with Urban Places	1	\$ 1,206,301.90	\$ -	\$ 606,301.90	1.19%	\$ (17,124.28)	\$ 1,189,177.62	1.83%
	2	\$ 592,304.50	\$ 7,695.50	\$ -	0.00%	\$ 7,695.50	\$ 600,000.00	0.92%
	3	\$ 15,953,779.45	\$ -	\$ 15,353,779.45	30.20%	\$ (433,649.22)	\$ 15,520,130.23	23.88%
	4	\$ 1,300,490.63	\$ -	\$ 700,490.63	1.38%	\$ (19,784.52)	\$ 1,280,706.11	1.97%
	5	\$ 934,168.14	\$ -	\$ 334,168.14	0.66%	\$ (9,438.18)	\$ 924,729.96	1.42%
	6	\$ 14,684,524.43	\$ -	\$ 14,084,524.43	27.71%	\$ (397,800.62)	\$ 14,286,723.81	21.98%
	7	\$ 4,182,269.95	\$ -	\$ 3,582,269.95	7.05%	\$ (101,176.95)	\$ 4,081,093.00	6.28%
	8	\$ 2,214,616.07	\$ -	\$ 1,614,616.07	3.18%	\$ (45,602.91)	\$ 2,169,013.16	3.34%
	9	\$ 5,320,839.77	\$ -	\$ 4,720,839.77	9.29%	\$ (133,334.50)	\$ 5,187,505.27	7.98%
	10	\$ 1,314,807.33	\$ -	\$ 714,807.33	1.41%	\$ (20,188.88)	\$ 1,294,618.45	1.99%
	11	\$ 5,994,694.62	\$ -	\$ 5,394,694.62	10.61%	\$ (152,366.73)	\$ 5,842,327.89	8.99%
	12	\$ 841,140.41	\$ -	\$ 241,140.41	0.47%	\$ (6,810.72)	\$ 834,329.69	1.28%
	13	\$ 2,348,080.47	\$ -	\$ 1,748,080.47	3.44%	\$ (49,372.45)	\$ 2,298,708.02	3.54%
	Subtotal	\$ 56,888,017.68	\$ 7,695.50	\$ 49,095,713.18	96.58%	\$ (1,378,954.46)	\$ 55,509,063.21	85.40%
Non-MSA Counties and Counties with Only Rural Places	1	\$ 690,110.27	\$ -	\$ 90,110.27	0.18%	\$ (2,545.06)	\$ 687,565.21	1.06%
	2	\$ 489,332.63	\$ 110,667.37	\$ -	0.00%	\$ 110,667.37	\$ 600,000.00	0.92%
	3	\$ 569,373.94	\$ 30,626.06	\$ -	0.00%	\$ 30,626.06	\$ 600,000.00	0.92%
	4	\$ 1,344,309.88	\$ -	\$ 744,309.88	1.46%	\$ (21,022.15)	\$ 1,323,287.73	2.04%
	5	\$ 1,012,687.98	\$ -	\$ 412,687.98	0.81%	\$ (11,655.88)	\$ 1,001,032.10	1.54%
	6	\$ 498,573.45	\$ 101,426.55	\$ -	0.00%	\$ 101,426.55	\$ 600,000.00	0.92%
	7	\$ 260,073.40	\$ 339,926.60	\$ -	0.00%	\$ 339,926.60	\$ 600,000.00	0.92%
	8	\$ 672,042.93	\$ -	\$ 72,042.93	0.14%	\$ (2,034.77)	\$ 670,008.16	1.03%
	9	\$ 498,526.53	\$ 101,473.47	\$ -	0.00%	\$ 101,473.47	\$ 600,000.00	0.92%
	10	\$ 668,157.17	\$ -	\$ 68,157.17	0.13%	\$ (1,925.02)	\$ 666,232.15	1.02%
	11	\$ 952,775.15	\$ -	\$ 352,775.15	0.69%	\$ (9,963.71)	\$ 942,811.43	1.45%
	12	\$ 396,065.50	\$ 203,934.50	\$ -	0.00%	\$ 203,934.50	\$ 600,000.00	0.92%
	13	\$ 59,953.51	\$ 540,046.49	\$ -	0.00%	\$ 540,046.49	\$ 600,000.00	0.92%
	Subtotal	\$ 8,111,982.32	\$ 1,428,101.04	\$ 1,740,083.37	3.42%	\$ 1,378,954.46	\$ 9,490,936.79	14.60%
<b>Total</b>	<b>\$ 65,000,000.00</b>	<b>\$ 1,435,796.54</b>	<b>\$ 50,835,796.54</b>	<b>100.00%</b>	<b>\$ -</b>	<b>\$ 65,000,000.00</b>	<b>100.00%</b>	

Subregion Allocation Floor: \$600,000.00