

Texas Department of Housing and Community Affairs
 Example 2022 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
1	197,995	69,717	40,555	4,769	8,761
2	97,755	34,421	18,017	1,306	3,944
3	2,182,357	768,436	462,033	78,713	85,673
4	202,281	71,226	28,613	3,026	5,544
5	129,750	45,687	19,598	1,657	3,089
6	2,186,207	769,791	427,475	75,085	85,789
7	526,529	185,398	145,102	20,876	22,821
8	339,531	119,553	69,287	6,778	12,583
9	787,026	277,122	134,203	18,708	24,976
10	189,633	66,772	32,222	4,936	6,519
11	855,710	301,306	68,209	24,323	13,378
12	126,470	44,532	21,410	4,371	4,297
13	378,519	133,281	47,530	7,858	12,075
Subtotal	8,199,763	2,887,240	1,514,254	252,406	289,449
1	119,385	42,037	8,961	2,388	2,972
2	91,730	32,299	7,446	943	2,774
3	87,272	30,730	10,681	1,561	2,472
4	220,448	77,623	21,206	3,233	5,013
5	154,296	54,330	17,174	2,409	3,333
6	70,274	24,744	9,849	1,544	1,575
7	36,382	12,811	3,435	626	552
8	101,884	35,875	9,154	1,376	1,960
9	74,163	26,114	6,649	1,734	1,364
10	106,154	37,378	10,105	2,447	2,909
11	152,853	53,821	9,087	3,597	2,499
12	64,781	22,810	5,336	1,230	1,578
13	11,726	4,129	1,113	230	449
Subtotal	1,291,348	454,700	120,196	23,318	29,450
Total	9,491,111	3,341,940	1,634,450	275,724	318,899

Texas Average HH Size: 2.84

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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	115,041	2.2%	\$ 2,135,607	8,761	2.7%	\$ (892,861)	\$ 1,242,746.14	1.91%
	2	53,744	1.0%	\$ 997,697	3,944	1.2%	\$ (401,945)	\$ 595,751.40	0.92%
	3	1,309,182	24.9%	\$ 24,303,583	85,673	26.9%	\$ (8,731,205)	\$ 15,572,378.50	23.96%
	4	102,865	2.0%	\$ 1,909,575	5,544	1.7%	\$ (565,006)	\$ 1,344,568.93	2.07%
	5	66,942	1.3%	\$ 1,242,701	3,089	1.0%	\$ (314,810)	\$ 927,891.29	1.43%
	6	1,272,351	24.2%	\$ 23,619,866	85,789	26.9%	\$ (8,743,027)	\$ 14,876,839.44	22.89%
	7	351,376	6.7%	\$ 6,522,918	22,821	7.2%	\$ (2,325,760)	\$ 4,197,158.60	6.46%
	8	195,618	3.7%	\$ 3,631,446	12,583	3.9%	\$ (1,282,373)	\$ 2,349,073.15	3.61%
	9	430,033	8.2%	\$ 7,983,109	24,976	7.8%	\$ (2,545,383)	\$ 5,437,726.02	8.37%
	10	103,930	2.0%	\$ 1,929,355	6,519	2.0%	\$ (664,372)	\$ 1,264,983.11	1.95%
	11	393,838	7.5%	\$ 7,311,196	13,378	4.2%	\$ (1,363,394)	\$ 5,947,801.85	9.15%
	12	70,313	1.3%	\$ 1,305,281	4,297	1.3%	\$ (437,921)	\$ 867,360.60	1.33%
	13	188,669	3.6%	\$ 3,502,448	12,075	3.8%	\$ (1,230,601)	\$ 2,271,847.26	3.50%
Subtotal	4,653,900	88.6%	\$ 86,394,784	289,449	90.8%	\$ (29,498,658)	\$ 56,896,126.29	87.53%	
Non-MSA Counties and Counties with Only Rural Places	1	53,386	1.0%	\$ 991,055	2,972	0.9%	\$ (302,886)	\$ 688,168.74	1.06%
	2	40,688	0.8%	\$ 755,336	2,774	0.9%	\$ (282,707)	\$ 472,628.50	0.73%
	3	42,972	0.8%	\$ 797,722	2,472	0.8%	\$ (251,929)	\$ 545,793.00	0.84%
	4	102,062	1.9%	\$ 1,894,665	5,013	1.6%	\$ (510,891)	\$ 1,383,774.82	2.13%
	5	73,913	1.4%	\$ 1,372,110	3,333	1.0%	\$ (339,677)	\$ 1,032,433.01	1.59%
	6	36,137	0.7%	\$ 670,852	1,575	0.5%	\$ (160,513)	\$ 510,339.12	0.79%
	7	16,872	0.3%	\$ 313,203	552	0.2%	\$ (56,256)	\$ 256,946.83	0.40%
	8	46,405	0.9%	\$ 861,454	1,960	0.6%	\$ (199,750)	\$ 661,703.88	1.02%
	9	34,497	0.7%	\$ 640,396	1,364	0.4%	\$ (139,010)	\$ 501,386.15	0.77%
	10	49,930	1.0%	\$ 926,901	2,909	0.9%	\$ (296,465)	\$ 630,435.91	0.97%
	11	66,505	1.3%	\$ 1,234,605	2,499	0.8%	\$ (254,681)	\$ 979,923.55	1.51%
	12	29,376	0.6%	\$ 545,339	1,578	0.5%	\$ (160,819)	\$ 384,519.63	0.59%
	13	5,472	0.1%	\$ 101,580	449	0.1%	\$ (45,759)	\$ 55,820.59	0.09%
Subtotal	598,214	11.4%	\$ 11,105,216	29,450	9.2%	\$ (3,001,342)	\$ 8,103,873.71	12.47%	
Total	5,252,114	100.0%	\$ 97,500,000	318,899	100%	\$ (32,500,000)	\$ 65,000,000.00	100.00%	

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
1	\$ 1,242,746.14	\$ -	\$ 642,746.14	1.26%	\$ (18,657.16)	\$ 1,224,088.98	1.88%
2	\$ 595,751.40	\$ 4,248.60	\$ -	0.00%	\$ 4,248.60	\$ 600,000.00	0.92%
3	\$ 15,572,378.50	\$ -	\$ 14,972,378.50	29.43%	\$ (434,607.20)	\$ 15,137,771.30	23.29%
4	\$ 1,344,568.93	\$ -	\$ 744,568.93	1.46%	\$ (21,612.80)	\$ 1,322,956.13	2.04%
5	\$ 927,891.29	\$ -	\$ 327,891.29	0.64%	\$ (9,517.79)	\$ 918,373.51	1.41%
6	\$ 14,876,839.44	\$ -	\$ 14,276,839.44	28.06%	\$ (414,417.61)	\$ 14,462,421.83	22.25%
7	\$ 4,197,158.60	\$ -	\$ 3,597,158.60	7.07%	\$ (104,415.68)	\$ 4,092,742.92	6.30%
8	\$ 2,349,073.15	\$ -	\$ 1,749,073.15	3.44%	\$ (50,770.81)	\$ 2,298,302.34	3.54%
9	\$ 5,437,726.02	\$ -	\$ 4,837,726.02	9.51%	\$ (140,425.96)	\$ 5,297,300.06	8.15%
10	\$ 1,264,983.11	\$ -	\$ 664,983.11	1.31%	\$ (19,302.64)	\$ 1,245,680.47	1.92%
11	\$ 5,947,801.85	\$ -	\$ 5,347,801.85	10.51%	\$ (155,232.06)	\$ 5,792,569.79	8.91%
12	\$ 867,360.60	\$ -	\$ 267,360.60	0.53%	\$ (7,760.75)	\$ 859,599.86	1.32%
13	\$ 2,271,847.26	\$ -	\$ 1,671,847.26	3.29%	\$ (48,529.15)	\$ 2,223,318.11	3.42%
Subtotal	\$ 56,896,126.29	\$ 4,248.60	\$ 49,100,374.89	96.51%	\$ (1,421,001.00)	\$ 55,475,125.28	85.35%
1	\$ 688,168.74	\$ -	\$ 88,168.74	0.17%	\$ (2,559.30)	\$ 685,609.44	1.05%
2	\$ 472,628.50	\$ 127,371.50	\$ -	0.00%	\$ 127,371.50	\$ 600,000.00	0.92%
3	\$ 545,793.00	\$ 54,207.00	\$ -	0.00%	\$ 54,207.00	\$ 600,000.00	0.92%
4	\$ 1,383,774.82	\$ -	\$ 783,774.82	1.54%	\$ (22,750.84)	\$ 1,361,023.98	2.09%
5	\$ 1,032,433.01	\$ -	\$ 432,433.01	0.85%	\$ (12,552.35)	\$ 1,019,880.66	1.57%
6	\$ 510,339.12	\$ 89,660.88	\$ -	0.00%	\$ 89,660.88	\$ 600,000.00	0.92%
7	\$ 256,946.83	\$ 343,053.17	\$ -	0.00%	\$ 343,053.17	\$ 600,000.00	0.92%
8	\$ 661,703.88	\$ -	\$ 61,703.88	0.12%	\$ (1,791.09)	\$ 659,912.79	1.02%
9	\$ 501,386.15	\$ 98,613.85	\$ -	0.00%	\$ 98,613.85	\$ 600,000.00	0.92%
10	\$ 630,435.91	\$ -	\$ 30,435.91	0.06%	\$ (883.47)	\$ 629,552.44	0.97%
11	\$ 979,923.55	\$ -	\$ 379,923.55	0.75%	\$ (11,028.14)	\$ 968,895.41	1.49%
12	\$ 384,519.63	\$ 215,480.37	\$ -	0.00%	\$ 215,480.37	\$ 600,000.00	0.92%
13	\$ 55,820.59	\$ 544,179.41	\$ -	0.00%	\$ 544,179.41	\$ 600,000.00	0.92%
Subtotal	\$ 8,103,873.71	\$ 1,472,566.20	\$ 1,776,439.91	3.49%	\$ 1,421,001.00	\$ 9,524,874.72	14.65%
Total	\$ 65,000,000.00	\$ 1,476,814.80	\$ 50,876,814.80	100.00%	\$ -	\$ 65,000,000.00	100.00%

MSA Counties with Urban Places

Non-MSA Counties and Counties with Only Rural Places

Subregion Allocation Floor: \$600,000.00