

Attachment E: Texas Department of Housing and Community Affairs
 Example 2023 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	200,076	70,698	40,872	4,822	9,014
	2	96,285	34,023	17,684	1,312	3,995
	3	2,119,825	749,055	474,536	76,931	88,922
	4	192,974	68,189	27,450	3,241	5,972
	5	129,765	45,853	19,930	1,906	2,986
	6	2,157,770	762,463	437,313	79,317	88,980
	7	505,616	178,663	148,243	20,320	20,735
	8	337,272	119,177	70,821	6,998	12,165
	9	786,541	277,930	139,385	19,626	24,466
	10	185,356	65,497	31,935	4,517	6,396
	11	833,753	294,612	68,571	24,044	13,719
	12	125,499	44,346	21,956	4,772	4,219
	13	374,261	132,248	47,288	8,937	11,116
		Subtotal	8,044,993	2,842,754	1,545,984	256,743
Non-MSA Counties and Counties with Only Rural Places	1	115,922	40,962	9,389	1,927	3,076
	2	90,726	32,059	7,636	825	2,258
	3	81,384	28,758	10,997	1,453	1,902
	4	217,277	76,776	20,746	3,281	4,782
	5	154,845	54,716	18,315	2,560	3,054
	6	70,952	25,071	10,853	1,340	1,673
	7	36,063	12,743	3,595	518	460
	8	97,826	34,567	9,304	1,215	1,853
	9	72,450	25,601	6,674	1,843	1,503
	10	102,601	36,255	9,999	2,179	2,571
	11	147,673	52,181	9,708	3,709	2,171
	12	64,643	22,842	5,158	806	1,352
	13	12,234	4,323	1,377	246	408
		Subtotal	1,264,596	446,854	123,751	21,902
	Total	9,309,589	3,289,607	1,669,735	278,645	319,748

Texas Average HH Size: 2.83

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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	116,392	2.2%	\$ 2,166,527	9,014	2.8%	\$ (916,206)	\$ 1,250,321.41	1.92%
	2	53,019	1.0%	\$ 986,896	3,995	1.2%	\$ (406,062)	\$ 580,834.15	0.89%
	3	1,300,522	24.8%	\$ 24,207,938	88,922	27.8%	\$ (9,038,258)	\$ 15,169,679.34	23.34%
	4	98,880	1.9%	\$ 1,840,549	5,972	1.9%	\$ (607,009)	\$ 1,233,539.26	1.90%
	5	67,689	1.3%	\$ 1,259,971	2,986	0.9%	\$ (303,505)	\$ 956,466.37	1.47%
	6	1,279,093	24.4%	\$ 23,809,060	88,980	27.8%	\$ (9,044,154)	\$ 14,764,906.62	22.72%
	7	347,226	6.6%	\$ 6,463,270	20,735	6.5%	\$ (2,107,558)	\$ 4,355,711.49	6.70%
	8	196,996	3.8%	\$ 3,666,895	12,165	3.8%	\$ (1,236,482)	\$ 2,430,413.01	3.74%
	9	436,941	8.3%	\$ 8,133,222	24,466	7.7%	\$ (2,486,786)	\$ 5,646,435.91	8.69%
	10	101,949	1.9%	\$ 1,897,677	6,396	2.0%	\$ (650,106)	\$ 1,247,571.61	1.92%
	11	387,227	7.4%	\$ 7,207,858	13,719	4.3%	\$ (1,394,434)	\$ 5,813,423.72	8.94%
	12	71,074	1.4%	\$ 1,322,972	4,219	1.3%	\$ (428,830)	\$ 894,141.75	1.38%
	13	188,473	3.6%	\$ 3,508,235	11,116	3.5%	\$ (1,129,859)	\$ 2,378,376.06	3.66%
	Subtotal	4,645,481	88.7%	\$ 86,471,069	292,685	91.5%	\$ (29,749,248)	\$ 56,721,820.69	87.26%
Non-MSA Counties and Counties with Only Rural Places	1	52,278	1.0%	\$ 973,101	3,076	1.0%	\$ (312,652)	\$ 660,448.22	1.02%
	2	40,520	0.8%	\$ 754,234	2,258	0.7%	\$ (229,509)	\$ 524,724.83	0.81%
	3	41,208	0.8%	\$ 767,039	1,902	0.6%	\$ (193,324)	\$ 573,714.90	0.88%
	4	100,803	1.9%	\$ 1,876,355	4,782	1.5%	\$ (486,055)	\$ 1,390,300.42	2.14%
	5	75,591	1.4%	\$ 1,407,044	3,054	1.0%	\$ (310,416)	\$ 1,096,627.60	1.69%
	6	37,264	0.7%	\$ 693,640	1,673	0.5%	\$ (170,048)	\$ 523,591.89	0.81%
	7	16,856	0.3%	\$ 313,760	460	0.1%	\$ (46,756)	\$ 267,004.38	0.41%
	8	45,086	0.9%	\$ 839,241	1,853	0.6%	\$ (188,344)	\$ 650,897.19	1.00%
	9	34,118	0.7%	\$ 635,068	1,503	0.5%	\$ (152,769)	\$ 482,298.92	0.74%
	10	48,433	0.9%	\$ 901,529	2,571	0.8%	\$ (261,323)	\$ 640,205.55	0.98%
	11	65,598	1.3%	\$ 1,221,048	2,171	0.7%	\$ (220,666)	\$ 1,000,381.55	1.54%
	12	28,806	0.5%	\$ 536,196	1,352	0.4%	\$ (137,421)	\$ 398,775.65	0.61%
	13	5,946	0.1%	\$ 110,678	408	0.1%	\$ (41,470)	\$ 69,208.21	0.11%
	Subtotal	592,507	11.3%	\$ 11,028,931	27,063	8.5%	\$ (2,750,752)	\$ 8,278,179.31	12.74%
	Total	5,237,987	100.0%	\$ 97,500,000	319,748	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
MSA Counties with Urban Places	1	\$ 1,250,321.41	\$ -	\$ 650,321.41	1.28%	\$ (17,671.26)	\$ 1,232,650.15	1.90%
	2	\$ 580,834.15	\$ 19,165.85	\$ -	0.00%	\$ 19,165.85	\$ 600,000.00	0.92%
	3	\$ 15,169,679.34	\$ -	\$ 14,569,679.34	28.69%	\$ (395,903.70)	\$ 14,773,775.64	22.73%
	4	\$ 1,233,539.26	\$ -	\$ 633,539.26	1.25%	\$ (17,215.24)	\$ 1,216,324.02	1.87%
	5	\$ 956,466.37	\$ -	\$ 356,466.37	0.70%	\$ (9,686.31)	\$ 946,780.07	1.46%
	6	\$ 14,764,906.62	\$ -	\$ 14,164,906.62	27.89%	\$ (384,904.77)	\$ 14,380,001.85	22.12%
	7	\$ 4,355,711.49	\$ -	\$ 3,755,711.49	7.40%	\$ (102,054.41)	\$ 4,253,657.07	6.54%
	8	\$ 2,430,413.01	\$ -	\$ 1,830,413.01	3.60%	\$ (49,738.04)	\$ 2,380,674.97	3.66%
	9	\$ 5,646,435.91	\$ -	\$ 5,046,435.91	9.94%	\$ (137,127.43)	\$ 5,509,308.48	8.48%
	10	\$ 1,247,571.61	\$ -	\$ 647,571.61	1.28%	\$ (17,596.54)	\$ 1,229,975.07	1.89%
	11	\$ 5,813,423.72	\$ -	\$ 5,213,423.72	10.27%	\$ (141,665.01)	\$ 5,671,758.71	8.73%
	12	\$ 894,141.75	\$ -	\$ 294,141.75	0.58%	\$ (7,992.75)	\$ 886,149.00	1.36%
	13	\$ 2,378,376.06	\$ -	\$ 1,778,376.06	3.50%	\$ (48,324.03)	\$ 2,330,052.03	3.58%
	Subtotal	\$ 56,721,820.69	\$ 19,165.85	\$ 48,940,986.55	96.38%	\$ (1,310,713.65)	\$ 55,411,107.05	85.25%
Non-MSA Counties and Counties with Only Rural Places	1	\$ 660,448.22	\$ -	\$ 60,448.22	0.12%	\$ (1,642.57)	\$ 658,805.66	1.01%
	2	\$ 524,724.83	\$ 75,275.17	\$ -	0.00%	\$ 75,275.17	\$ 600,000.00	0.92%
	3	\$ 573,714.90	\$ 26,285.10	\$ -	0.00%	\$ 26,285.10	\$ 600,000.00	0.92%
	4	\$ 1,390,300.42	\$ -	\$ 790,300.42	1.56%	\$ (21,474.93)	\$ 1,368,825.48	2.11%
	5	\$ 1,096,627.60	\$ -	\$ 496,627.60	0.98%	\$ (13,494.92)	\$ 1,083,132.68	1.67%
	6	\$ 523,591.89	\$ 76,408.11	\$ -	0.00%	\$ 76,408.11	\$ 600,000.00	0.92%
	7	\$ 267,004.38	\$ 332,995.62	\$ -	0.00%	\$ 332,995.62	\$ 600,000.00	0.92%
	8	\$ 650,897.19	\$ -	\$ 50,897.19	0.10%	\$ (1,383.04)	\$ 649,514.16	1.00%
	9	\$ 482,298.92	\$ 117,701.08	\$ -	0.00%	\$ 117,701.08	\$ 600,000.00	0.92%
	10	\$ 640,205.55	\$ -	\$ 40,205.55	0.08%	\$ (1,092.51)	\$ 639,113.04	0.98%
	11	\$ 1,000,381.55	\$ -	\$ 400,381.55	0.79%	\$ (10,879.62)	\$ 989,501.94	1.52%
	12	\$ 398,775.65	\$ 201,224.35	\$ -	0.00%	\$ 201,224.35	\$ 600,000.00	0.92%
	13	\$ 69,208.21	\$ 530,791.79	\$ -	0.00%	\$ 530,791.79	\$ 600,000.00	0.92%
	Subtotal	\$ 8,278,179.31	\$ 1,360,681.23	\$ 1,838,860.54	3.62%	\$ 1,310,713.65	\$ 9,588,892.95	14.75%
Total	\$ 65,000,000.00	\$ 1,379,847.09	\$ 50,779,847.09	100.00%	\$ -	\$ 65,000,000.00	100.00%	

Subregion Allocation Floor: \$600,000.00

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	2023	2023	Difference	2022	2022
1	\$ 1,891,455.80	2.9%	0.0%	\$ 1,876,742.83	2.9%
2	\$ 1,200,000.00	1.8%	0.0%	\$ 1,200,000.00	1.8%
3	\$ 15,373,775.64	23.7%	-1.1%	\$ 16,120,130.23	24.8%
4	\$ 2,585,149.50	4.0%	0.0%	\$ 2,603,993.84	4.0%
5	\$ 2,029,912.75	3.1%	0.2%	\$ 1,925,762.06	3.0%
6	\$ 14,980,001.85	23.0%	0.1%	\$ 14,886,723.81	22.9%
7	\$ 4,853,657.07	7.5%	0.3%	\$ 4,681,093.00	7.2%
8	\$ 3,030,189.13	4.7%	0.3%	\$ 2,839,021.32	4.4%
9	\$ 6,109,308.48	9.4%	0.5%	\$ 5,787,505.27	8.9%
10	\$ 1,869,088.11	2.9%	-0.1%	\$ 1,960,850.60	3.0%
11	\$ 6,661,260.64	10.2%	-0.2%	\$ 6,785,139.33	10.4%
12	\$ 1,486,149.00	2.3%	0.1%	\$ 1,434,329.69	2.2%
13	\$ 2,930,052.03	4.5%	0.0%	\$ 2,898,708.02	4.5%
Total	\$ 65,000,000.00	100.0%	0.0%	\$ 65,000,000.00	100.0%