

Texas Department of Housing and Community Affairs
Sample 2018 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	202,723	71,381	38,159	3,888	6,655
	2	101,948	35,897	17,062	1,553	4,405
	3	2,303,299	811,021	435,333	72,568	81,826
	4	185,100	65,176	27,620	2,722	5,499
	5	144,112	50,744	20,498	1,787	4,873
	6	2,193,304	772,290	386,460	68,313	82,324
	7	543,821	191,486	136,035	18,051	15,873
	8	344,558	121,323	66,336	5,758	17,562
	9	799,280	281,437	127,860	18,735	22,192
	10	203,455	71,639	33,714	5,812	5,171
	11	896,938	315,823	65,380	25,426	11,502
	12	129,691	45,666	20,353	3,380	2,858
	13	412,299	145,176	45,430	8,267	8,901
	Subtotal	8,460,528	2,979,059	1,420,240	236,260	269,641
Non-MSA Counties and Counties with Only Rural Places	1	132,223	46,557	9,569	2,647	2,961
	2	102,085	35,945	8,385	1,275	2,656
	3	97,537	34,344	12,218	1,362	2,125
	4	262,463	92,417	23,633	3,437	5,019
	5	161,472	56,856	16,213	2,001	3,395
	6	70,493	24,821	9,186	862	1,766
	7	65,717	23,140	6,212	904	1,475
	8	107,191	37,743	9,491	1,324	2,498
	9	75,742	26,670	6,724	1,685	1,299
	10	99,047	34,876	9,213	2,303	1,731
	11	153,200	53,944	8,570	3,010	2,734
	12	61,987	21,826	4,636	1,116	770
	13	11,964	4,213	886	160	374
	Subtotal	1,401,121	493,352	124,936	22,086	28,803
Total	9,861,649	3,472,412	1,545,176	258,346	298,444	

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	113,428	2.1%	\$ 1,612,440	6,655	2.2%	\$ (557,475)	\$ 1,054,965.03	2.11%
	2	54,512	1.0%	\$ 774,918	4,405	1.5%	\$ (368,997)	\$ 405,920.38	0.81%
	3	1,318,922	25.0%	\$ 18,749,124	81,826	27.4%	\$ (6,854,385)	\$ 11,894,739.15	23.79%
	4	95,518	1.8%	\$ 1,357,836	5,499	1.8%	\$ (460,639)	\$ 897,197.13	1.79%
	5	73,029	1.4%	\$ 1,038,138	4,873	1.6%	\$ (408,201)	\$ 629,937.94	1.26%
	6	1,227,063	23.3%	\$ 17,443,308	82,324	27.6%	\$ (6,896,101)	\$ 10,547,206.97	21.09%
	7	345,572	6.5%	\$ 4,912,480	15,873	5.3%	\$ (1,329,646)	\$ 3,582,833.89	7.17%
	8	193,417	3.7%	\$ 2,749,522	17,562	5.9%	\$ (1,471,130)	\$ 1,278,391.24	2.56%
	9	428,032	8.1%	\$ 6,084,681	22,192	7.4%	\$ (1,858,975)	\$ 4,225,705.48	8.45%
	10	111,165	2.1%	\$ 1,580,267	5,171	1.7%	\$ (433,163)	\$ 1,147,103.19	2.29%
	11	406,629	7.7%	\$ 5,780,435	11,502	3.9%	\$ (963,497)	\$ 4,816,937.96	9.63%
	12	69,399	1.3%	\$ 986,539	2,858	1.0%	\$ (239,408)	\$ 747,130.43	1.49%
	13	198,873	3.8%	\$ 2,827,074	8,901	3.0%	\$ (745,617)	\$ 2,081,456.36	4.16%
		Subtotal	4,635,559	87.9%	\$ 65,896,761	269,641	90.3%	\$ (22,587,236)	\$ 43,309,525.17
Non-MSA Counties and Counties with Only Rural Places	1	58,773	1.1%	\$ 835,493	2,961	1.0%	\$ (248,036)	\$ 587,456.32	1.17%
	2	45,605	0.9%	\$ 648,304	2,656	0.9%	\$ (222,487)	\$ 425,816.29	0.85%
	3	47,924	0.9%	\$ 681,264	2,125	0.7%	\$ (178,007)	\$ 503,256.92	1.01%
	4	119,487	2.3%	\$ 1,698,560	5,019	1.7%	\$ (420,431)	\$ 1,278,129.63	2.56%
	5	75,070	1.4%	\$ 1,067,162	3,395	1.1%	\$ (284,392)	\$ 782,770.19	1.57%
	6	34,869	0.7%	\$ 495,687	1,766	0.6%	\$ (147,934)	\$ 347,752.90	0.70%
	7	30,256	0.6%	\$ 430,101	1,475	0.5%	\$ (123,558)	\$ 306,543.45	0.61%
	8	48,558	0.9%	\$ 690,280	2,498	0.8%	\$ (209,252)	\$ 481,028.35	0.96%
	9	35,079	0.7%	\$ 498,661	1,299	0.4%	\$ (108,814)	\$ 389,846.91	0.78%
	10	46,392	0.9%	\$ 659,481	1,731	0.6%	\$ (145,002)	\$ 514,478.89	1.03%
	11	65,524	1.2%	\$ 931,451	2,734	0.9%	\$ (229,021)	\$ 702,430.00	1.40%
	12	27,578	0.5%	\$ 392,041	770	0.3%	\$ (64,501)	\$ 327,539.47	0.66%
	13	5,259	0.1%	\$ 74,755	374	0.1%	\$ (31,329)	\$ 43,425.51	0.09%
		Subtotal	640,374	12.1%	\$ 9,103,239	28,803	9.7%	\$ (2,412,764)	\$ 6,690,474.83
	Total	5,275,934	100%	\$ 75,000,000	298,444	100%	\$ (25,000,000)	\$ 50,000,000.00	100.00%

Total Sample Allocation: \$50,000,000
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	\$ 1,054,965.03	\$ -	\$ 554,965.03	1.45%	\$ (18,446.48)	\$ 1,036,518.56	2.07%
	2	\$ 405,920.38	\$ 94,079.62	\$ -	0.00%	\$ 94,079.62	\$ 500,000.00	1.00%
	3	\$ 11,894,739.15	\$ -	\$ 11,394,739.15	29.77%	\$ (378,749.59)	\$ 11,515,989.56	23.03%
	4	\$ 897,197.13	\$ -	\$ 397,197.13	1.04%	\$ (13,202.43)	\$ 883,994.70	1.77%
	5	\$ 629,937.94	\$ -	\$ 129,937.94	0.34%	\$ (4,319.01)	\$ 625,618.93	1.25%
	6	\$ 10,547,206.97	\$ -	\$ 10,047,206.97	26.25%	\$ (333,958.99)	\$ 10,213,247.99	20.43%
	7	\$ 3,582,833.89	\$ -	\$ 3,082,833.89	8.06%	\$ (102,470.28)	\$ 3,480,363.61	6.96%
	8	\$ 1,278,391.24	\$ -	\$ 778,391.24	2.03%	\$ (25,872.94)	\$ 1,252,518.31	2.51%
	9	\$ 4,225,705.48	\$ -	\$ 3,725,705.48	9.73%	\$ (123,838.68)	\$ 4,101,866.81	8.20%
	10	\$ 1,147,103.19	\$ -	\$ 647,103.19	1.69%	\$ (21,509.05)	\$ 1,125,594.14	2.25%
	11	\$ 4,816,937.96	\$ -	\$ 4,316,937.96	11.28%	\$ (143,490.65)	\$ 4,673,447.32	9.35%
	12	\$ 747,130.43	\$ -	\$ 247,130.43	0.65%	\$ (8,214.37)	\$ 738,916.07	1.48%
	13	\$ 2,081,456.36	\$ -	\$ 1,581,456.36	4.13%	\$ (52,566.01)	\$ 2,028,890.36	4.06%
	Subtotal	\$ 43,309,525.17	\$ 94,079.62	\$ 36,903,604.79	96.42%	\$ (1,132,558.84)	\$ 42,176,966.33	84.35%
Non-MSA Counties and Counties with Only Rural Places	1	\$ 587,456.32	\$ -	\$ 87,456.32	0.23%	\$ (2,906.96)	\$ 584,549.36	1.17%
	2	\$ 425,816.29	\$ 74,183.71	\$ -	0.00%	\$ 74,183.71	\$ 500,000.00	1.00%
	3	\$ 503,256.92	\$ -	\$ 3,256.92	0.01%	\$ (108.26)	\$ 503,148.66	1.01%
	4	\$ 1,278,129.63	\$ -	\$ 778,129.63	2.03%	\$ (25,864.24)	\$ 1,252,265.39	2.50%
	5	\$ 782,770.19	\$ -	\$ 282,770.19	0.74%	\$ (9,398.99)	\$ 773,371.19	1.55%
	6	\$ 347,752.90	\$ 152,247.10	\$ -	0.00%	\$ 152,247.10	\$ 500,000.00	1.00%
	7	\$ 306,543.45	\$ 193,456.55	\$ -	0.00%	\$ 193,456.55	\$ 500,000.00	1.00%
	8	\$ 481,028.35	\$ 18,971.65	\$ -	0.00%	\$ 18,971.65	\$ 500,000.00	1.00%
	9	\$ 389,846.91	\$ 110,153.09	\$ -	0.00%	\$ 110,153.09	\$ 500,000.00	1.00%
	10	\$ 514,478.89	\$ -	\$ 14,478.89	0.04%	\$ (481.26)	\$ 513,997.63	1.03%
	11	\$ 702,430.00	\$ -	\$ 202,430.00	0.53%	\$ (6,728.57)	\$ 695,701.43	1.39%
	12	\$ 327,539.47	\$ 172,460.53	\$ -	0.00%	\$ 172,460.53	\$ 500,000.00	1.00%
	13	\$ 43,425.51	\$ 456,574.49	\$ -	0.00%	\$ 456,574.49	\$ 500,000.00	1.00%
	Subtotal	\$ 6,690,474.83	\$ 1,178,047.12	\$ 1,368,521.95	3.58%	\$ 1,132,558.84	\$ 7,823,033.67	15.65%
Total	\$ 50,000,000.00	\$ 1,272,126.74	\$ 38,272,126.74	100.00%	\$ -	\$ 50,000,000.00	100.00%	

Subregion Allocation Floor: \$500,000.00