

Greater Harris County 9-1-1 Emergency Network (GHC 9-1-1)

PSAP Provisioning Policies

GHC 9-1-1 is required by Texas law to provide, maintain, and support 9-1-1 systems and infrastructure to public safety entities in Harris and Fort Bend Counties (GHC 9-1-1 territory). The systems and services are funded and provided for the citizens in the GHC 9-1-1 territory. These systems can only be provided within the geographical footprint of GHC 9-1-1's territory. There can be no duplication of systems or services at a first responder level (Police, Fire, and EMS).

Primary Public Safety Answering Point (PSAP)—Systems and connectivity are available for all of the incorporated cities in Harris and Fort Bend Counties. PSAP systems are also provisioned to the call centers, designated by Harris and Fort Bend counties, as primary answering points for the unincorporated areas of each county.

Secondary Public Safety Answering Point (SSAP)—Systems and connectivity are provisioned to governmental public safety entities (SSAPs) located within GHC 9-1-1 territory boundaries. The SSAP(s) must be designated as a 9-1-1 transfer point by a GHC 9-1-1 PSAP. The SSAP must also be a 24X7X365 operation, and receive a minimum of 12,000 calls per year from GHC 9-1-1 PSAPs to qualify as an SSAP. Creation of a new SSAP requires Board of Managers review and approval.

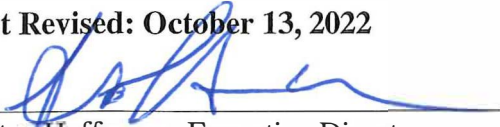
Every PSAP/SSAP is provisioned with a minimum of two call-taking positions for redundancy. Positions can only be provided if the PSAP/SSAP can provide adequate space/facilities, within GHC 9-1-1's territorial boundaries, and can adequately man the positions 24 hours per day.

PSAPs/SSAPs requesting additional 9-1-1 call taking position(s) for the purpose of answering 9-1-1 calls originated within the GHC 9-1-1 territorial boundaries must meet two of the three requirements listed below to be considered for an increase in positions:

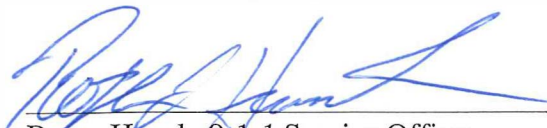
1. An annual count of 12,000 to 15,000 calls originating from within the GHC 9-1-1 territory per 9-1-1 call taking position
2. Each 9-1-1 call taking position processes 30% or more of the total annual 9-1-1 call volume
3. Average 9-1-1 call duration greater than 150 seconds (2 minutes 30 seconds)

Out of District Systems and Infrastructure Funding GHC 9-1-1 provisioned PSAPs and SSAPs that receive Out of District 9-1-1 call transfers will reimburse GHC 9-1-1 annually for Out of District calls. This does not include the occasional misroute or unintentional transfers. Out of District cost will be determined as a percentage of total PSAP/SSAP system load. Fee schedules will be distributed annually in December for the following year. This funding model will be effective January 1, 2023 and entities will be billed annually at the end of each year.

Last Revised: October 13, 2022


Stan Heffernan, Executive Director
GHC 9-1-1 Emergency Network

Date: 12-15-22


Roger Hauck, 9-1-1 Service Officer
GHC 9-1-1 Emergency Network

Date: 12-15-22

FEE SCHEDULE--ANNUAL COST ALLOCATION FOR 9-1-1 SERVICE

NOTE: Annually, a report shall be prepared identifying all Out-of-District (OOD) calls. The total number of OOD calls shall be divided by the overall call volume to determine the percentage of OOD calls. This percentage shall be used to determine the applicable fee level set forth below.

FEE LEVEL		NUMBER OF CONSOLES AT PSAP/SSAP																		
Percent OOA Call Volume		1	2	3	4	5	6	7	8	9	10									
1%	\$	804	\$	1,609	\$	2,413	\$	3,217	\$	4,021	\$	4,826	\$	5,630	\$	6,434	\$	7,238	\$	8,043
2%	\$	1,609	\$	3,217	\$	4,826	\$	6,434	\$	8,043	\$	9,651	\$	11,260	\$	12,868	\$	14,477	\$	16,085
3%	\$	2,413	\$	4,826	\$	7,238	\$	9,651	\$	12,064	\$	14,477	\$	16,889	\$	19,302	\$	21,715	\$	24,128
4%	\$	3,217	\$	6,434	\$	9,651	\$	12,868	\$	16,085	\$	19,302	\$	22,519	\$	25,736	\$	28,953	\$	32,170
5%	\$	4,021	\$	8,043	\$	12,064	\$	16,085	\$	20,106	\$	24,128	\$	28,149	\$	32,170	\$	36,192	\$	40,213
6%	\$	4,826	\$	9,651	\$	14,477	\$	19,302	\$	24,128	\$	28,953	\$	33,779	\$	38,604	\$	43,430	\$	48,256
7%	\$	5,630	\$	11,260	\$	16,889	\$	22,519	\$	28,149	\$	33,779	\$	39,409	\$	45,038	\$	50,668	\$	56,298
8%	\$	6,434	\$	12,868	\$	19,302	\$	25,736	\$	32,170	\$	38,604	\$	45,038	\$	51,473	\$	57,907	\$	64,341
9%	\$	7,238	\$	14,477	\$	21,715	\$	28,953	\$	36,192	\$	43,430	\$	50,668	\$	57,907	\$	65,145	\$	72,383
10%	\$	8,043	\$	16,085	\$	24,128	\$	32,170	\$	40,213	\$	48,256	\$	56,298	\$	64,341	\$	72,383	\$	80,426
11%	\$	8,847	\$	17,694	\$	26,541	\$	35,387	\$	44,234	\$	53,081	\$	61,928	\$	70,775	\$	79,622	\$	88,468
12%	\$	9,651	\$	19,302	\$	28,953	\$	38,604	\$	48,256	\$	57,907	\$	67,558	\$	77,209	\$	86,860	\$	96,511
13%	\$	10,455	\$	20,911	\$	31,366	\$	41,821	\$	52,277	\$	62,732	\$	73,188	\$	83,643	\$	94,098	\$	104,554
14%	\$	11,260	\$	22,519	\$	33,779	\$	45,038	\$	56,298	\$	67,558	\$	78,817	\$	90,077	\$	101,337	\$	112,596
15%	\$	12,064	\$	24,128	\$	36,192	\$	48,256	\$	60,319	\$	72,383	\$	84,447	\$	96,511	\$	108,575	\$	120,639
16%	\$	12,868	\$	25,736	\$	38,604	\$	51,473	\$	64,341	\$	77,209	\$	90,077	\$	102,945	\$	115,813	\$	128,681
17%	\$	13,672	\$	27,345	\$	41,017	\$	54,690	\$	68,362	\$	82,034	\$	95,707	\$	109,379	\$	123,052	\$	136,724
18%	\$	14,477	\$	28,953	\$	43,430	\$	57,907	\$	72,383	\$	86,860	\$	101,337	\$	115,813	\$	130,290	\$	144,767
19%	\$	15,281	\$	30,562	\$	45,843	\$	61,124	\$	76,405	\$	91,685	\$	106,966	\$	122,247	\$	137,528	\$	152,809
20%	\$	16,085	\$	32,170	\$	48,256	\$	64,341	\$	80,426	\$	96,511	\$	112,596	\$	128,681	\$	144,767	\$	160,852
21%	\$	16,889	\$	33,779	\$	50,668	\$	67,558	\$	84,447	\$	101,337	\$	118,226	\$	135,115	\$	152,005	\$	168,894
22%	\$	17,694	\$	35,387	\$	53,081	\$	70,775	\$	88,468	\$	106,162	\$	123,856	\$	141,550	\$	159,243	\$	176,937
23%	\$	18,498	\$	36,996	\$	55,494	\$	73,992	\$	92,490	\$	110,988	\$	129,486	\$	147,984	\$	166,482	\$	184,979
24%	\$	19,302	\$	38,604	\$	57,907	\$	77,209	\$	96,511	\$	115,813	\$	135,115	\$	154,418	\$	173,720	\$	193,022
25%	\$	20,106	\$	40,213	\$	60,319	\$	80,426	\$	100,532	\$	120,639	\$	140,745	\$	160,852	\$	180,958	\$	201,065
26%	\$	20,911	\$	41,821	\$	62,732	\$	83,643	\$	104,554	\$	125,464	\$	146,375	\$	167,286	\$	188,197	\$	209,107
27%	\$	21,715	\$	43,430	\$	65,145	\$	86,860	\$	108,575	\$	130,290	\$	152,005	\$	173,720	\$	195,435	\$	217,150
28%	\$	22,519	\$	45,038	\$	67,558	\$	90,077	\$	112,596	\$	135,115	\$	157,635	\$	180,154	\$	202,673	\$	225,192
29%	\$	23,324	\$	46,647	\$	69,971	\$	93,294	\$	116,618	\$	139,941	\$	163,265	\$	186,588	\$	209,912	\$	233,235
30%	\$	24,128	\$	48,256	\$	72,383	\$	96,511	\$	120,639	\$	144,767	\$	168,894	\$	193,022	\$	217,150	\$	241,278
31%	\$	24,932	\$	49,864	\$	74,796	\$	99,728	\$	124,660	\$	149,592	\$	174,524	\$	199,456	\$	224,388	\$	249,320
32%	\$	25,736	\$	51,473	\$	77,209	\$	102,945	\$	128,681	\$	154,418	\$	180,154	\$	205,890	\$	231,626	\$	257,363
33%	\$	26,541	\$	53,081	\$	79,622	\$	106,162	\$	132,703	\$	159,243	\$	185,784	\$	212,324	\$	238,865	\$	265,405
34%	\$	27,345	\$	54,690	\$	82,034	\$	109,379	\$	136,724	\$	164,069	\$	191,414	\$	218,758	\$	246,103	\$	273,448
35%	\$	28,149	\$	56,298	\$	84,447	\$	112,596	\$	140,745	\$	168,894	\$	197,043	\$	225,192	\$	253,341	\$	281,491
36%	\$	28,953	\$	57,907	\$	86,860	\$	115,813	\$	144,767	\$	173,720	\$	202,673	\$	231,626	\$	260,580	\$	289,533
37%	\$	29,758	\$	59,515	\$	89,273	\$	119,030	\$	148,788	\$	178,545	\$	208,303	\$	238,061	\$	267,818	\$	297,576
38%	\$	30,562	\$	61,124	\$	91,685	\$	122,247	\$	152,809	\$	183,371	\$	213,933	\$	244,495	\$	275,056	\$	305,618
39%	\$	31,366	\$	62,732	\$	94,098	\$	125,464	\$	156,830	\$	188,197	\$	219,563	\$	250,929	\$	282,295	\$	313,661
40%	\$	32,170	\$	64,341	\$	96,511	\$	128,681	\$	160,852	\$	193,022	\$	225,192	\$	257,363	\$	289,533	\$	321,703
41%	\$	32,975	\$	65,949	\$	98,924	\$	131,898	\$	164,873	\$	197,848	\$	230,822	\$	263,797	\$	296,771	\$	329,746
42%	\$	33,779	\$	67,558	\$	101,337	\$	135,115	\$	168,894	\$	202,673	\$	236,452	\$	270,231	\$	304,010	\$	337,789
43%	\$	34,583	\$	69,166	\$	103,749	\$	138,332	\$	172,916	\$	207,499	\$	242,082	\$	276,665	\$	311,248	\$	345,831
44%	\$	35,387	\$	70,775	\$	106,162	\$	141,550	\$	176,937	\$	212,324	\$	247,712	\$	283,099	\$	318,486	\$	353,874
45%	\$	36,192	\$	72,383	\$	108,575	\$	144,767	\$	180,958	\$	217,150	\$	253,341	\$	289,533	\$	325,725	\$	361,916
46%	\$	36,996	\$	73,992	\$	110,988	\$	147,984	\$	184,979	\$	221,975	\$	258,971	\$	295,967	\$	332,963	\$	369,959
47%	\$	37,800	\$	75,600	\$	113,400	\$	151,201	\$	189,001	\$	226,801	\$	264,601	\$	302,401	\$	340,201	\$	378,002
48%	\$	38,604	\$	77,209	\$	115,813	\$	154,418	\$	193,022	\$	231,626	\$	270,231	\$	308,835	\$	347,440	\$	386,044
49%	\$	39,409	\$	78,817	\$	118,226	\$	157,635	\$	197,043	\$	236,452	\$	275,861	\$	315,269	\$	354,678	\$	394,087
50%	\$	40,213	\$	80,426	\$	120,639	\$	160,852	\$	201,065	\$	241,278	\$	281,491	\$	321,703	\$	361,916	\$	402,129
51%	\$	41,017	\$	82,034	\$	123,052	\$	164,069	\$	205,086	\$	246,103	\$	287,120	\$	328,138	\$	369,155	\$	410,172
52%	\$	41,821	\$	83,643	\$	125,464	\$	167,286	\$	209,107	\$	250,929	\$	292,750	\$	334,572	\$	376,393	\$	418,215
53%	\$	42,626	\$	85,251	\$	127,877	\$	170,503	\$	213,129	\$	255,754	\$	298,380	\$	341,006	\$	383,631	\$	426,257
54%	\$	43,430	\$	86,860	\$	130,290	\$	173,720	\$	217,150	\$	260,580	\$	304,010	\$	347,440	\$	390,870	\$	434,300
55%	\$	44,234	\$	88,468	\$	132,703	\$	176,937	\$	221,171	\$	265,405	\$	309,640	\$	353,874	\$	398,108	\$	442,342
56%	\$	45,038	\$	90,077	\$	135,115	\$	180,154	\$	225,192	\$	270,231	\$	315,269	\$	360,308	\$	405,346	\$	450,385
57%	\$	45,843	\$	91,685	\$	137,528	\$	183,371	\$	229,214	\$	275,056	\$	320,899	\$	366,742	\$	412,585	\$	458,427
58%	\$	46,647	\$	93,294	\$	139,941	\$	186,588	\$	233,235	\$	279,882	\$	326,529	\$	373,176	\$	419,823	\$	466,470
59%	\$	47,451	\$	94,903	\$	142,354	\$	189,805	\$	237,256	\$	284,708	\$	332,159	\$	379,610	\$	427,061	\$	474,513
60%	\$	48,256	\$	96,511	\$	144,767	\$	193,022	\$	241,278	\$	289,533	\$	337,789	\$	386,044	\$	434,300	\$	482,555
61%	\$	49,060	\$	98,120	\$	147,179	\$	196,239	\$	245,299	\$	294,359	\$	343,418	\$	392,478	\$	441,538	\$	490,598
62%	\$	49,864	\$	99,728	\$	149,592	\$	199,456	\$	249,320	\$	299,184	\$	349,048	\$	398,912	\$	448,776	\$	498,640
63%	\$	50,668	\$	101,337																

64%	\$	51,473	\$	102,945	\$	154,418	\$	205,890	\$	257,363	\$	308,835	\$	360,308	\$	411,780	\$	463,253	\$	514,726
65%	\$	52,277	\$	104,554	\$	156,830	\$	209,107	\$	261,384	\$	313,661	\$	365,938	\$	418,215	\$	470,491	\$	522,768
66%	\$	53,081	\$	106,162	\$	159,243	\$	212,324	\$	265,405	\$	318,486	\$	371,568	\$	424,649	\$	477,730	\$	530,811
67%	\$	53,885	\$	107,771	\$	161,656	\$	215,541	\$	269,427	\$	323,312	\$	377,197	\$	431,083	\$	484,968	\$	538,853
68%	\$	54,690	\$	109,379	\$	164,069	\$	218,758	\$	273,448	\$	328,138	\$	382,827	\$	437,517	\$	492,206	\$	546,896
69%	\$	55,494	\$	110,988	\$	166,482	\$	221,975	\$	277,469	\$	332,963	\$	388,457	\$	443,951	\$	499,445	\$	554,938
70%	\$	56,298	\$	112,596	\$	168,894	\$	225,192	\$	281,491	\$	337,789	\$	394,087	\$	450,385	\$	506,683	\$	562,981
71%	\$	57,102	\$	114,205	\$	171,307	\$	228,409	\$	285,512	\$	342,614	\$	399,717	\$	456,819	\$	513,921	\$	571,024
72%	\$	57,907	\$	115,813	\$	173,720	\$	231,626	\$	289,533	\$	347,440	\$	405,346	\$	463,253	\$	521,160	\$	579,066
73%	\$	58,711	\$	117,422	\$	176,133	\$	234,844	\$	293,554	\$	352,265	\$	410,976	\$	469,687	\$	528,398	\$	587,109
74%	\$	59,515	\$	119,030	\$	178,545	\$	238,061	\$	297,576	\$	357,091	\$	416,606	\$	476,121	\$	535,636	\$	595,151
75%	\$	60,319	\$	120,639	\$	180,958	\$	241,278	\$	301,597	\$	361,916	\$	422,236	\$	482,555	\$	542,875	\$	603,194
76%	\$	61,124	\$	122,247	\$	183,371	\$	244,495	\$	305,618	\$	366,742	\$	427,866	\$	488,989	\$	550,113	\$	611,237
77%	\$	61,928	\$	123,856	\$	185,784	\$	247,712	\$	309,640	\$	371,568	\$	433,495	\$	495,423	\$	557,351	\$	619,279
78%	\$	62,732	\$	125,464	\$	188,197	\$	250,929	\$	313,661	\$	376,393	\$	439,125	\$	501,857	\$	564,590	\$	627,322
79%	\$	63,536	\$	127,073	\$	190,609	\$	254,146	\$	317,682	\$	381,219	\$	444,755	\$	508,291	\$	571,828	\$	635,364
80%	\$	64,341	\$	128,681	\$	193,022	\$	257,363	\$	321,703	\$	386,044	\$	450,385	\$	514,726	\$	579,066	\$	643,407
81%	\$	65,145	\$	130,290	\$	195,435	\$	260,580	\$	325,725	\$	390,870	\$	456,015	\$	521,160	\$	586,305	\$	651,450
82%	\$	65,949	\$	131,898	\$	197,848	\$	263,797	\$	329,746	\$	395,695	\$	461,644	\$	527,594	\$	593,543	\$	659,492
83%	\$	66,753	\$	133,507	\$	200,260	\$	267,014	\$	333,767	\$	400,521	\$	467,274	\$	534,028	\$	600,781	\$	667,535
84%	\$	67,558	\$	135,115	\$	202,673	\$	270,231	\$	337,789	\$	405,346	\$	472,904	\$	540,462	\$	608,020	\$	675,577
85%	\$	68,362	\$	136,724	\$	205,086	\$	273,448	\$	341,810	\$	410,172	\$	478,534	\$	546,896	\$	615,258	\$	683,620
86%	\$	69,166	\$	138,332	\$	207,499	\$	276,665	\$	345,831	\$	414,997	\$	484,164	\$	553,330	\$	622,496	\$	691,662
87%	\$	69,971	\$	139,941	\$	209,912	\$	279,882	\$	349,853	\$	419,823	\$	489,794	\$	559,764	\$	629,735	\$	699,705
88%	\$	70,775	\$	141,550	\$	212,324	\$	283,099	\$	353,874	\$	424,649	\$	495,423	\$	566,198	\$	636,973	\$	707,748
89%	\$	71,579	\$	143,158	\$	214,737	\$	286,316	\$	357,895	\$	429,474	\$	501,053	\$	572,632	\$	644,211	\$	715,790
90%	\$	72,383	\$	144,767	\$	217,150	\$	289,533	\$	361,916	\$	434,300	\$	506,683	\$	579,066	\$	651,450	\$	723,833
91%	\$	73,188	\$	146,375	\$	219,563	\$	292,750	\$	365,938	\$	439,125	\$	512,313	\$	585,500	\$	658,688	\$	731,875
92%	\$	73,992	\$	147,984	\$	221,975	\$	295,967	\$	369,959	\$	443,951	\$	517,943	\$	591,934	\$	665,926	\$	739,918
93%	\$	74,796	\$	149,592	\$	224,388	\$	299,184	\$	373,980	\$	448,776	\$	523,572	\$	598,368	\$	673,165	\$	747,961
94%	\$	75,600	\$	151,201	\$	226,801	\$	302,401	\$	378,002	\$	453,602	\$	529,202	\$	604,803	\$	680,403	\$	756,003
95%	\$	76,405	\$	152,809	\$	229,214	\$	305,618	\$	382,023	\$	458,427	\$	534,832	\$	611,237	\$	687,641	\$	764,046
96%	\$	77,209	\$	154,418	\$	231,626	\$	308,835	\$	386,044	\$	463,253	\$	540,462	\$	617,671	\$	694,879	\$	772,088
97%	\$	78,013	\$	156,026	\$	234,039	\$	312,052	\$	390,065	\$	468,079	\$	546,092	\$	624,105	\$	702,118	\$	780,131
98%	\$	78,817	\$	157,635	\$	236,452	\$	315,269	\$	394,087	\$	472,904	\$	551,721	\$	630,539	\$	709,356	\$	788,174
99%	\$	79,622	\$	159,243	\$	238,865	\$	318,486	\$	398,108	\$	477,730	\$	557,351	\$	636,973	\$	716,594	\$	796,216
100%	\$	80,426	\$	160,852	\$	241,278	\$	321,703	\$	402,129	\$	482,555	\$	562,981	\$	643,407	\$	723,833	\$	804,259

Calculation:

Annual Op/Cap Expenditures	\$ 63,921,621	*** CHANGE YELLOW INPUTS AS NEEDED
Less: Major centers	\$(29,658,056)	
Building and infrastructure allocation (39 years)	\$ 615,000	
Administrative overhead (subtracted)	-2%	
Total Consoles	425	*** 2025 numbers used including MCUs
Annual Op/Cap Expenditures (minus majors)	\$ 34,180,994	
Annual cost per console	\$ 80,426	
FORMULA:		
$R = (E / Ct) * Cs * (Vooa / Vt)$		
NOTE: In english, total price per console times the percent of out-of-area calls taken		
R = REIMBURSEMENT		
E = Expenditures (annual operational + capital expenditure)		
Ct = consoles total networkwide		
Cs = consoles at site		
Vooa = call volume out of area		
Vt = call volume total		