

Sample Size Table

Previously Estimated Proportion of Subscribers Inappropriately Taking Lifeline Service (P)¹

(N) Number of Lifeline Subscribers	0.01	0.015	0.02	0.025	0.03	0.035	0.04	0.045	0.05	0.055	0.06
400,000	43	64	85	106	126	146	166	186	206	225	244
100,000²	43	64	85	105	126	146	166	186	206	225	244
90,000	43	64	85	105	126	146	166	186	205	224	244
70,000	43	64	85	105	126	146	166	186	205	224	243
60,000	43	64	85	105	126	146	166	185	205	224	243
30,000	43	64	85	105	125	146	165	185	204	223	242
20,000	43	64	85	105	125	145	165	184	204	223	241
15,000	43	64	84	105	125	145	164	184	203	222	240
10,000	43	64	84	104	124	144	164	183	202	220	238
9,000	43	64	84	104	124	144	163	182	201	220	238
8,000	43	63	84	104	124	144	163	182	201	219	237
7,000	43	63	84	104	124	143	162	181	200	218	236
6,000	43	63	84	104	123	143	162	180	199	217	235
5,000	43	63	83	103	123	142	161	179	198	215	233
4,000	42	63	83	103	122	141	160	178	196	213	230
3,000	42	63	83	102	121	139	158	175	193	209	226
2,000	42	62	81	100	119	136	154	170	187	202	218

¹

² Sample sizes for ETCs with less than 400,000 Lifeline subscribers are calculated pursuant to the following formula: sample size = $N/(1+\{(N-1)/n\})$. N is the number of Lifeline subscribers. n is $(2.706 * P*(1 - P)) / .000625$, where P is the estimated percentage of Lifeline subscribers inappropriately taking Lifeline service. ETCs may choose to calculate their sample sizes using these formulas.

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	0.01	0.015	0.02	0.025	0.03	0.035	0.04	0.045	0.05	0.055	0.06
1,500	42	61	80	99	116	133	150	166	181	196	210
1,000	41	60	78	96	112	128	142	157	171	184	196
900	41	60	78	95	111	126	140	154	168	180	192
800	41	59	77	94	109	124	138	151	164	176	187
700	41	59	76	92	107	121	134	147	159	170	181
600	40	58	74	90	104	118	130	142	154	164	174
500	40	57	73	88	101	113	125	136	146	155	164
400	39	55	70	84	96	107	118	127	136	144	152
300	38	53	66	79	89	98	107	115	122	129	135
200	36	49	60	70	78	85	91	97	102	106	110
150	34	45	54	62	69	74	79	83	87	90	93
120	32	42	50	57	62	66	70	73	76	78	81
100	30	39	46	52	56	60	63	65	68	69	71
90	29	38	44	49	53	56	59	61	63	64	66
80	28	36	41	46	49	52	54	56	58	59	60
70	27	34	39	42	45	48	49	51	52	54	55
60	25	31	35	39	41	43	44	46	47	48	48
50	23	28	32	34	36	37	39	40	40	41	42
40	21	25	27	29	31	32	32	33	34	34	34
35	20	23	25	27	28	28	29	30	30	30	31
30	18	21	22	24	24	25	26	26	26	27	27
25	16	18	19	20	21	21	22	22	22	23	23

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17	12	14	14	15	15	15	16	16	16	16	16
15	11	12	13	13	13	14	14	14	14	14	14
13	10	11	11	12	12	12	12	12	12	12	12
11	9	10	10	10	10	10	10	10	10	11	11
10	8	9	9	9	9	9	9	10	10	10	10
9	8	8	8	8	8	9	9	9	9	9	9
8	7	7	7	8	8	8	8	8	8	8	8
7	6	6	7	7	7	7	7	7	7	7	7
6	5	6	6	6	6	6	6	6	6	6	6
5	5	5	5	5	5	5	5	5	5	5	5
4	4	4	4	4	4	4	4	4	4	4	4
3	3	3	3	3	3	3	3	3	3	3	3
2	2	2	2	2	2	2	2	2	2	2	2
1	1	1	1	1	1	1	1	1	1	1	1