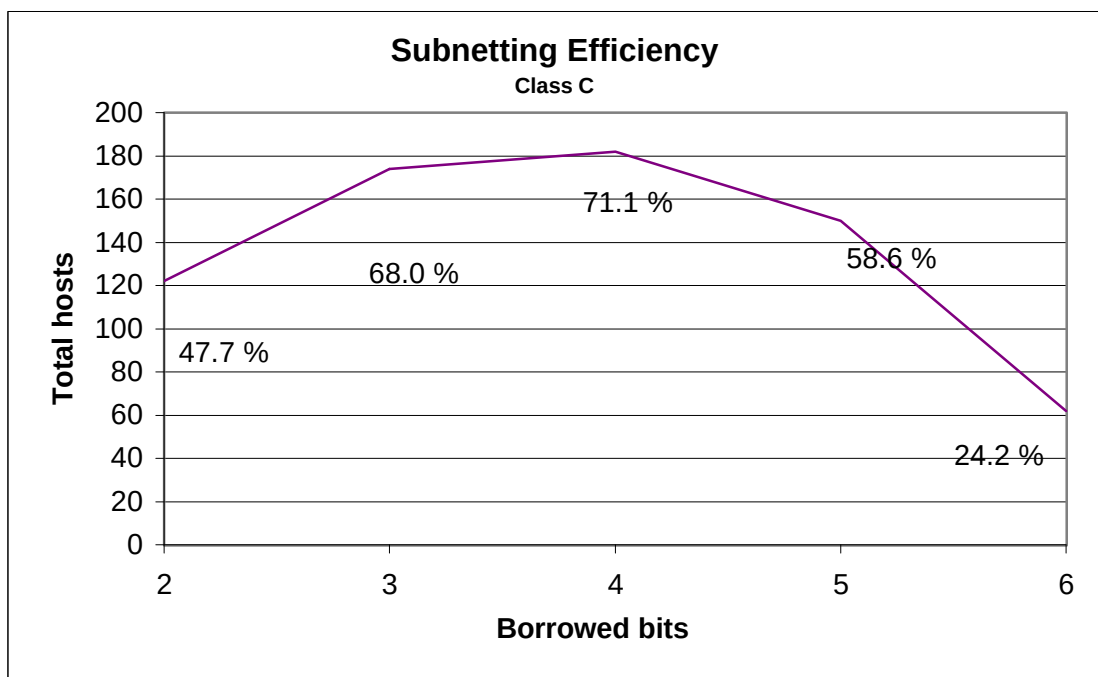


Subnetwork Hosting Efficiency

Class C

of bits Max hosts (no subnetting)
8 256

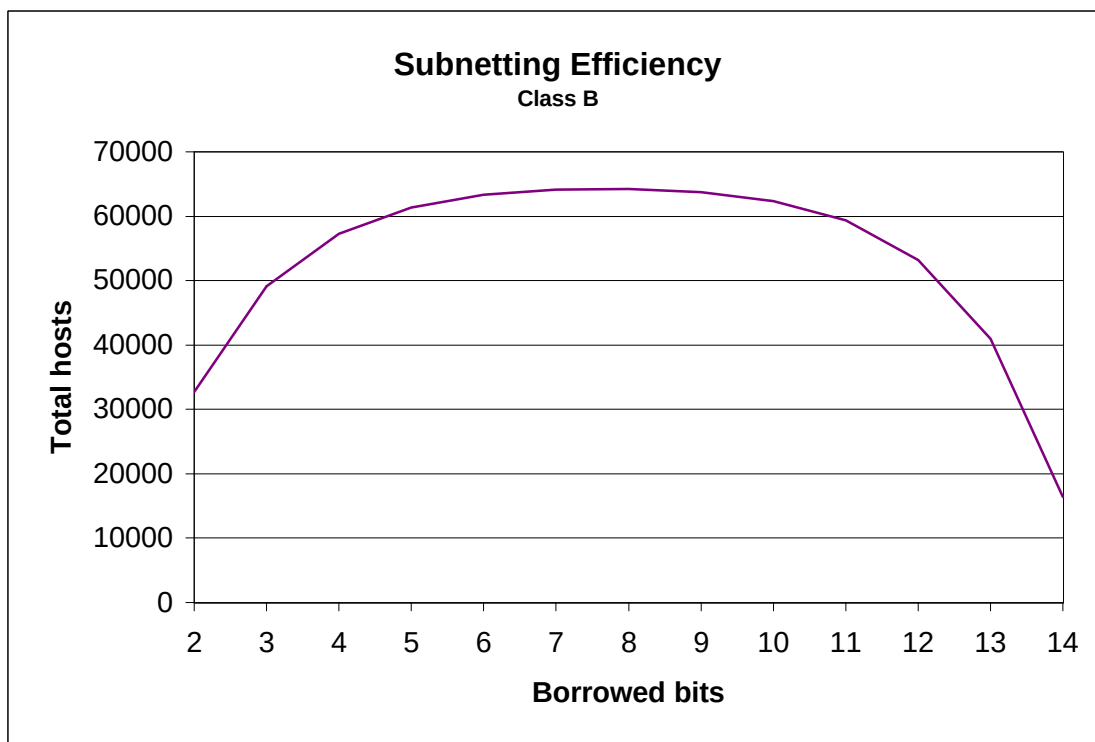
borrowed	# of subs	hosts/sub	usable* host	Total hosts	Efficiency
1	0	128	125	0	-
2	2	64	61	122	47,7
3	6	32	29	174	68,0
4	14	16	13	182	71,1
5	30	8	5	150	58,6
6	62	4	1	62	24,2
7	126	2	-1	-126	(49,2)



Class B

of bits Max hosts (no subnetting)
16 65536

borrowed	# of subs	hosts/sub	usable* host	Total hosts	Efficiency
1	0	32768	32765	0	-
2	2	16384	16381	32762	50,0
3	6	8192	8189	49134	75,0
4	14	4096	4093	57302	87,4
5	30	2048	2045	61350	93,6
6	62	1024	1021	63302	96,6
7	126	512	509	64134	97,9
8	254	256	253	64262	98,1
9	510	128	125	63750	97,3
10	1022	64	61	62342	95,1
11	2046	32	29	59334	90,5
12	4094	16	13	53222	81,2
13	8190	8	5	40950	62,5
14	16382	4	1	16382	25,0
15	32766	2	-1	-32766	(50,0)



Class A

of bits Max hosts (no subnetting)
24 16777216

borrowed	# of subs	hosts/sub	usable* host	Total hosts	Efficiency
1	0	8388608	8388605	0	-
2	2	4194304	4194301	8388602	50,0
3	6	2097152	2097149	12582894	75,0
4	14	1048576	1048573	14680022	87,5
5	30	524288	524285	15728550	93,7
6	62	262144	262141	16252742	96,9
7	126	131072	131069	16514694	98,4
8	254	65536	65533	16645382	99,2
9	510	32768	32765	16710150	99,6
10	1022	16384	16381	16741382	99,8
11	2046	8192	8189	16754694	99,9
12	4094	4096	4093	16756742	99,9
13	8190	2048	2045	16748550	99,8
14	16382	1024	1021	16726022	99,7
15	32766	512	509	16677894	99,4
16	65534	256	253	16580102	98,8
17	131070	128	125	16383750	97,7
18	262142	64	61	15990662	95,3
19	524286	32	29	15204294	90,6
20	1048574	16	13	13631462	81,2
21	2097150	8	5	10485750	62,5
22	4194302	4	1	4194302	25,0
23	8388606	2	-1	-8388606	(50,0)

