



## Appendix 1 - Distribution of IPv4/IPv6/ASNs/IPv4 PI/IPv6 PI among members

This appendix shows the distribution of Internet resources allocated or assigned by the RIPE NCC to its members as at Q4 2024.

### IPv4 /24s Held per LIR Account

IPv4 Groups	IPv4 /24s held	LIRs		Total /24 IPv4		Total /32 IPv6		Total ASN		Total IR IPv4		Total IR IPv6	
		Count	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution
A	0-1	1,198	5.6%	1	0.0%	5,756	3.2%	801	2.1%	5	0.0%	26	0.7%
B	1-2	2,346	11.0%	2,338	0.1%	10,698	5.9%	2,080	5.4%	116	0.5%	78	2.0%
C	2-4	817	3.8%	1,768	0.1%	4,163	2.3%	1,092	2.8%	247	1.2%	67	1.7%
D	4-6	6,759	31.8%	27,347	0.9%	32,246	17.7%	5,733	14.9%	468	2.2%	253	6.5%
E	6-11	2,501	11.8%	18,187	0.6%	12,453	6.8%	3,267	8.5%	1,086	5.1%	264	6.8%
F	11-16	1,281	6.0%	14,556	0.5%	7,821	4.3%	1,644	4.3%	687	3.2%	166	4.3%
G	16-26	1,751	8.2%	31,450	1.0%	10,899	6.0%	2,917	7.6%	1,216	5.7%	276	7.1%
H	26-50	1,687	7.9%	53,831	1.7%	10,962	6.0%	2,805	7.3%	1,446	6.7%	250	6.5%
I	50-100	1,082	5.1%	66,928	2.2%	8,166	4.5%	3,332	8.7%	2,130	9.9%	414	10.7%
J	100-200	636	3.0%	78,912	2.6%	7,992	4.4%	2,463	6.4%	1,891	8.8%	347	9.0%
K	200-500	575	2.7%	162,540	5.3%	11,595	6.4%	3,525	9.2%	2,895	13.5%	431	11.2%
L	500-1,500	309	1.5%	233,801	7.6%	12,762	7.0%	3,195	8.3%	2,874	13.4%	377	9.8%
M	1,500-3,000	89	0.4%	157,499	5.1%	1,199	0.7%	1,386	3.6%	970	4.5%	144	3.7%
N	3,000-5,000	56	0.3%	187,024	6.1%	670	0.4%	1,242	3.2%	1,518	7.1%	216	5.6%
O	5,000-10,000	67	0.3%	375,590	12.2%	1,237	0.7%	1,500	3.9%	1,672	7.8%	302	7.8%
P	10,000-20,000	34	0.2%	349,112	11.3%	3,596	2.0%	647	1.7%	953	4.4%	97	2.5%
Q	20,000-50,000	44	0.2%	719,633	23.4%	10,719	5.9%	614	1.6%	910	4.2%	106	2.7%
R	50,000-130,000	16	0.1%	601,184	19.5%	28,866	15.9%	231	0.6%	358	1.7%	51	1.3%
Grand Total		21,248	100%	3,081,702	100%	181,800	100%	38,474	100%	21,442	100%	3,865	100%

Groups are defined based on the amount of IPv4 /24s held in LIR accounts. Each group includes LIR accounts holding at least as much as the lower limit and up to (but not including) the upper limit set for that group.

The Sum columns show the total amount of different types of resources held by the group members. Group D includes the Last /8 Policy default allocation size of /22 (4x /24)



## IPv6 /32s Held per LIR Account

IPv6 Groups	IPv6 /32s held	LIRs		Total /32 IPv6		Total /24 IPv4		Total ASN		Total IR IPv4		Total IR IPv6	
		Count	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution
A	0-1	4,963	23.4%	0	0.0%	137,510	4.5%	3,752	9.8%	1,669	7.8%	196	5.1%
B	1-2	4,471	21.0%	4,376	2.4%	306,038	9.9%	6,881	17.9%	4,264	19.9%	570	14.7%
C	2-4	288	1.4%	534	0.3%	96,013	3.1%	1,013	2.6%	739	3.4%	138	3.6%
D	4-6	119	0.6%	474	0.3%	28,401	0.9%	362	0.9%	163	0.8%	29	0.8%
E	6-11	9,600	45.2%	74,502	41.0%	842,703	27.3%	16,991	44.2%	8,638	40.3%	1,694	43.8%
F	11-16	71	0.3%	715	0.4%	63,776	2.1%	739	1.9%	628	2.9%	86	2.2%
G	16-26	1,065	5.0%	16,218	8.9%	348,410	11.3%	3,852	10.0%	1,985	9.3%	557	14.4%
H	26-50	305	1.4%	7,790	4.3%	249,988	8.1%	2,276	5.9%	1,582	7.4%	262	6.8%
I	50-100	158	0.7%	6,096	3.4%	154,258	5.0%	973	2.5%	563	2.6%	103	2.7%
J	100-200	62	0.3%	5,328	2.9%	112,506	3.7%	634	1.6%	289	1.3%	88	2.3%
K	200-500	89	0.4%	9,414	5.2%	106,125	3.4%	368	1.0%	261	1.2%	57	1.5%
L	500-1,500	34	0.2%	10,563	5.8%	201,798	6.5%	299	0.8%	209	1.0%	16	0.4%
M	1,500-3,000	7	0.0%	13,009	7.2%	43,254	1.4%	112	0.3%	93	0.4%	6	0.2%
N	3,000-5,000	13	0.1%	8,205	4.5%	116,954	3.8%	54	0.1%	78	0.4%	15	0.4%
O	5,000-10,000	3	0.0%	24,576	13.5%	273,969	8.9%	168	0.4%	281	1.3%	48	1.2%
Grand Total		21,248	100%	181,800	100%	3,081,702	100%	38,474	100%	21,442	100%	3,865	100%

Groups are defined based on the amount of IPv6 /32s held in LIR accounts. Each group includes LIR accounts holding at least as much as the lower limit and up to (but not including) the upper limit set for that group.

The Sum columns show the total amount of different types of resources held by the group members.

Group E includes the RIPE policy default allocation size of /29 (8x /32)

## ASNs Held per LIR Account

ASN Groups	ASNs held	LIRs		Total ASN		Total /24 IPv4		Total /32 IPv6		Total IR IPv4		Total IR IPv6	
		Count	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution
A	0-1	4,724	22.2%	0	0.0%	127,356	4.1%	24,701	13.6%	854	4.0%	48	1.2%
B	1-2	11,848	55.8%	11,435	29.7%	520,986	16.9%	60,393	33.2%	2,994	14.0%	334	8.6%
C	2-4	3,051	14.4%	6,380	16.6%	559,178	18.1%	34,545	19.0%	3,182	14.8%	575	14.9%
D	4-6	657	3.1%	2,631	6.8%	274,426	8.9%	10,101	5.6%	1,749	8.2%	391	10.1%
E	6-11	503	2.4%	3,086	8.0%	281,720	9.1%	6,878	3.8%	2,443	11.4%	547	14.2%
F	11-16	165	0.8%	1,802	4.7%	178,010	5.8%	3,925	2.2%	1,356	6.3%	283	7.3%
G	16-26	127	0.6%	2,054	5.3%	183,841	6.0%	6,051	3.3%	1,559	7.3%	263	6.8%
H	26-50	91	0.4%	2,479	6.4%	408,918	13.3%	12,564	6.9%	1,826	8.5%	383	9.9%
I	50-100	46	0.2%	2,515	6.5%	319,124	10.4%	13,535	7.4%	1,916	8.9%	348	9.0%
J	100-200	24	0.1%	2,649	6.9%	207,511	6.7%	8,770	4.8%	1,575	7.3%	418	10.8%
K	200-500	12	0.1%	3,443	8.9%	20,633	0.7%	337	0.2%	1,988	9.3%	275	7.1%
Grand Total		21,248	100%	38,474	100%	3,081,702	100%	181,800	100%	21,442	100%	3,865	100%

Groups are defined based on the number of ASNs held in LIR accounts. Each group includes LIR accounts holding at least as much as the lower limit and up to (but not including) the upper limit set for that group.



## IPv4 /24 Independent Resources Held per LIR Account

IPv4 IR Groups	IPv4 IR /24s held	LIRs		Total IR IPv4		Total /24 IPv4		Total /32 IPv6		Total ASN		Total IR IPv6	
		Count	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution
A	0-1	16,524	77.8%	0	0.0%	470,002	15.3%	102,011	56.1%	15,881	41.3%	381	9.9%
B	1-2	2,161	10.2%	2,068	9.6%	223,909	7.3%	20,347	11.2%	4,049	10.5%	441	11.4%
C	2-4	1,303	6.1%	2,890	13.5%	251,051	8.1%	9,964	5.5%	3,445	9.0%	500	12.9%
D	4-6	468	2.2%	1,865	8.7%	172,153	5.6%	5,291	2.9%	1,678	4.4%	273	7.1%
E	6-11	385	1.8%	2,495	11.6%	365,134	11.8%	14,689	8.1%	2,448	6.4%	521	13.5%
F	11-16	127	0.6%	1,519	7.1%	151,375	4.9%	2,161	1.2%	1,553	4.0%	267	6.9%
G	16-26	149	0.7%	2,358	11.0%	376,789	12.2%	5,908	3.2%	1,883	4.9%	326	8.4%
H	26-50	60	0.3%	1,968	9.2%	384,442	12.5%	3,611	2.0%	1,717	4.5%	319	8.3%
I	50-100	45	0.2%	2,305	10.7%	425,124	13.8%	9,305	5.1%	2,383	6.2%	453	11.7%
J	100-200	19	0.1%	1,863	8.7%	124,254	4.0%	240	0.1%	1,780	4.6%	148	3.8%
K	200-500	6	0.0%	1,549	7.2%	132,764	4.3%	8,265	4.5%	1,273	3.3%	149	3.9%
L	500-1,500	1	0.0%	562	2.6%	4,705	0.2%	8	0.0%	384	1.0%	87	2.3%
Grand Total		21,248	100%	21,442	100%	3,081,702	100%	181,800	100%	38,474	100%	3,865	100%

Groups are defined based on the amount of /24 IPv4 independent resources held in LIR accounts. Each group includes LIR accounts holding at least as much as the lower limit and up to (but not including) the upper limit set for that group.

The Sum columns show the total amount of different types of resources held by the group members.

## IPv6 /32 Independent Resources Held per LIR Account

IPv6 IR Groups	IPv6 IR /32s held	LIRs		Total IR IPv6		Total /24 IPv4		Total /32 IPv6		Total ASN		Total IR IPv4	
		Count	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution	Sum	Distribution
A	0-1	19,701	92.7%	0	0.0%	1,618,032	52.5%	138,416	76.1%	22,221	57.8%	8,600	40.1%
B	1-2	931	4.4%	873	22.6%	383,114	12.4%	8,103	4.5%	4,416	11.5%	2,862	13.3%
C	2-4	369	1.7%	744	19.2%	381,679	12.4%	16,032	8.8%	3,041	7.9%	2,567	12.0%
D	4-6	100	0.5%	415	10.7%	121,119	3.9%	3,450	1.9%	1,853	4.8%	1,463	6.8%
E	6-11	88	0.4%	559	14.5%	290,209	9.4%	2,170	1.2%	2,213	5.8%	2,135	10.0%
F	11-16	23	0.1%	234	6.1%	59,701	1.9%	4,553	2.5%	931	2.4%	615	2.9%
G	16-26	23	0.1%	386	10.0%	63,940	2.1%	433	0.2%	1,854	4.8%	1,656	7.7%
H	26-50	8	0.0%	285	7.4%	150,111	4.9%	8,467	4.7%	1,025	2.7%	910	4.2%
I	50-100	4	0.0%	227	5.9%	4,928	0.2%	168	0.1%	796	2.1%	584	2.7%
J	100-200	1	0.0%	142	3.7%	8,868	0.3%	8	0.0%	124	0.3%	50	0.2%
Grand Total		21,248	100%	3,865	100%	3,081,702	100%	181,800	100%	38,474	100%	21,442	100%

Groups are defined based on the amount of IPv6 /32 independent resources held in LIR accounts. Each group includes LIR accounts holding at least as much as the lower limit and up to (but not including) the upper limit set for that group.

The Sum columns show the total amount of different types of resources held by the group members.

PI space in IPv6 is assigned as /48s, which are included in Group A

You can also access spreadsheets that contain the information contained in this appendix:

- [IPv4 /24s held per LIR account](#)
- [IPv6 /32s held per LIR account](#)
- [ASNs held per LIR account](#)
- [IPv4 /24 independent resources held per LIR account](#)
- [IPv6 /32 independent resources held per LIR account](#)