

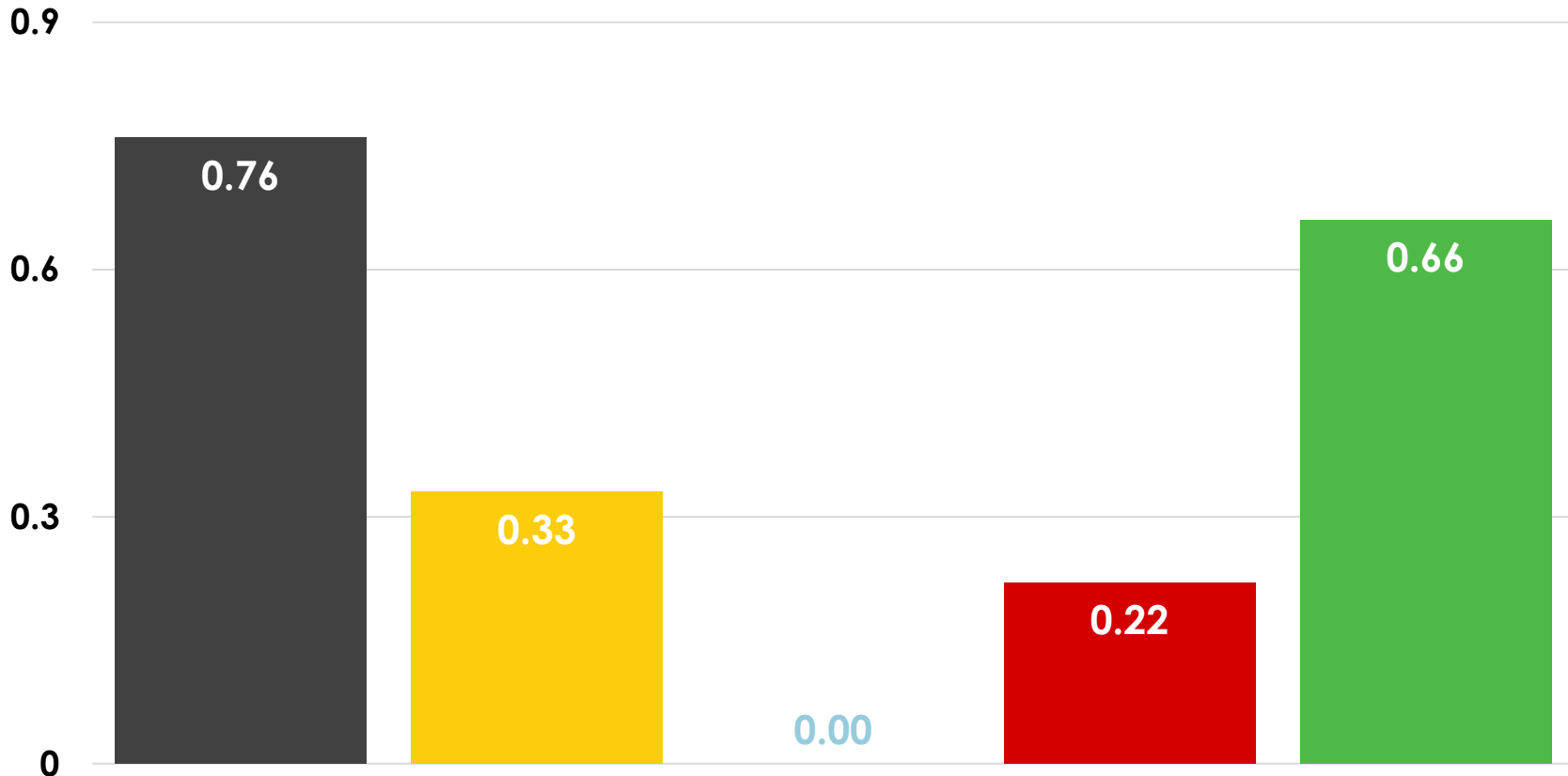


NRO

2001:610:240-0 193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203 195:048:02:03
62:109:128 195:048:02:03 193:0:0:202 2001:610:240 193:0:0:203 2001:610:240-0 193:0:0:202
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
2001:610:240-0 193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
Number Resource Organization

Available IPv4 /8s In Each RIR

■ AFRINIC ■ APNIC ■ ARIN ■ LACNIC ■ RIPE NCC

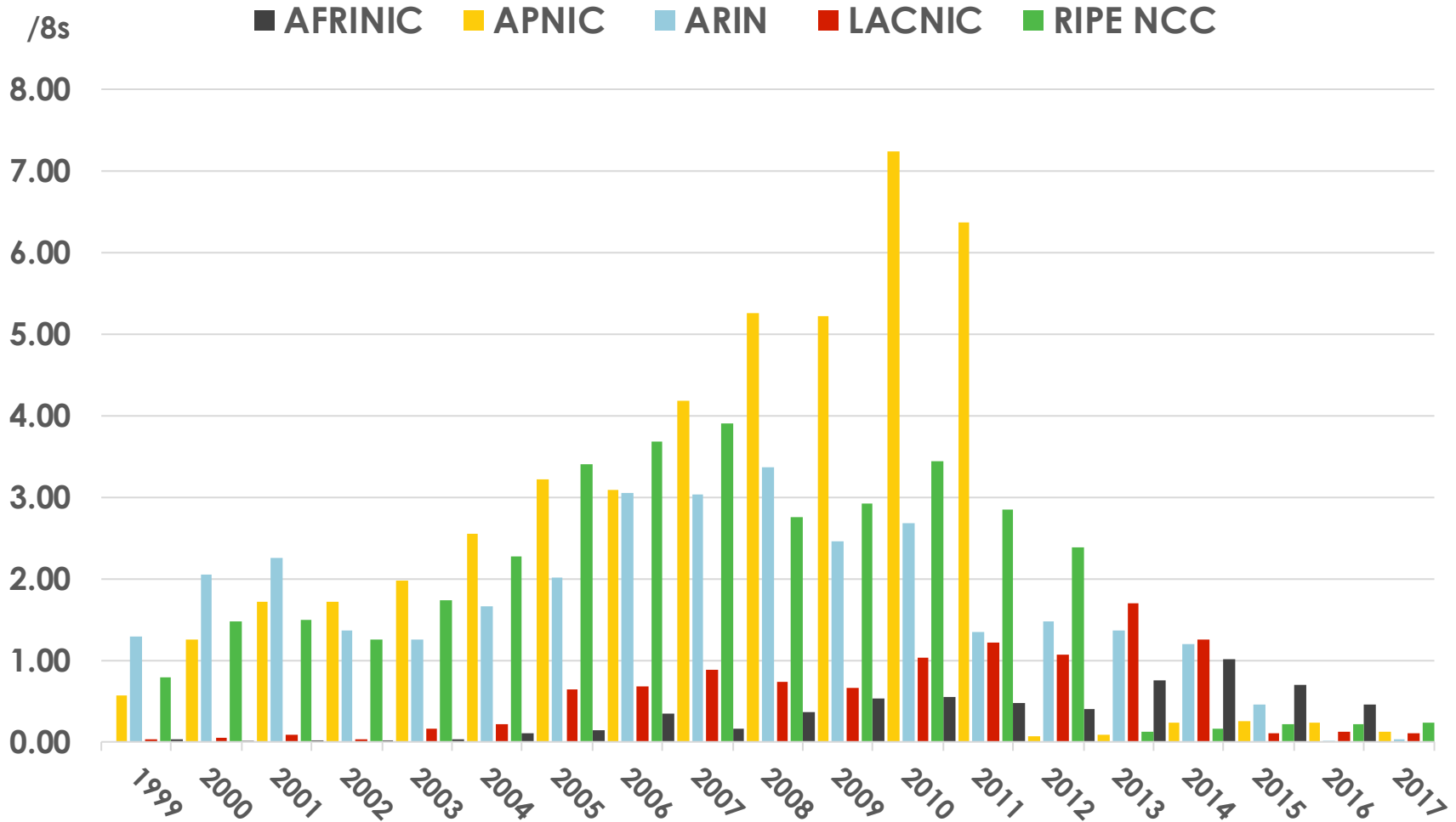


2001:610:240:0-193:0:0:202:62:109:128-195:048:02:03:178:42:02:02-2001:610:240:193:0:0:203-195:048:02:03
 62:109:128-195:048:02:03:178:42:02:02-2001:610:240:193:0:0:202:62:109:128-195:048:02:03:178:42:02:02-2001:610:240:193:0:0:203-195:048:02:03
 193:0:0:203-2001:610:240:0-193:0:0:202:62:109:128-195:048:02:03:178:42:02:02-2001:610:240:193:0:0:203-195:048:02:03
 2001:610:240:0-193:0:0:202:62:109:128-195:048:02:03:178:42:02:02-2001:610:240:193:0:0:203-195:048:02:03
 Number Resource Organization



IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

In terms of /8s, how much space did each RIR issue by year?

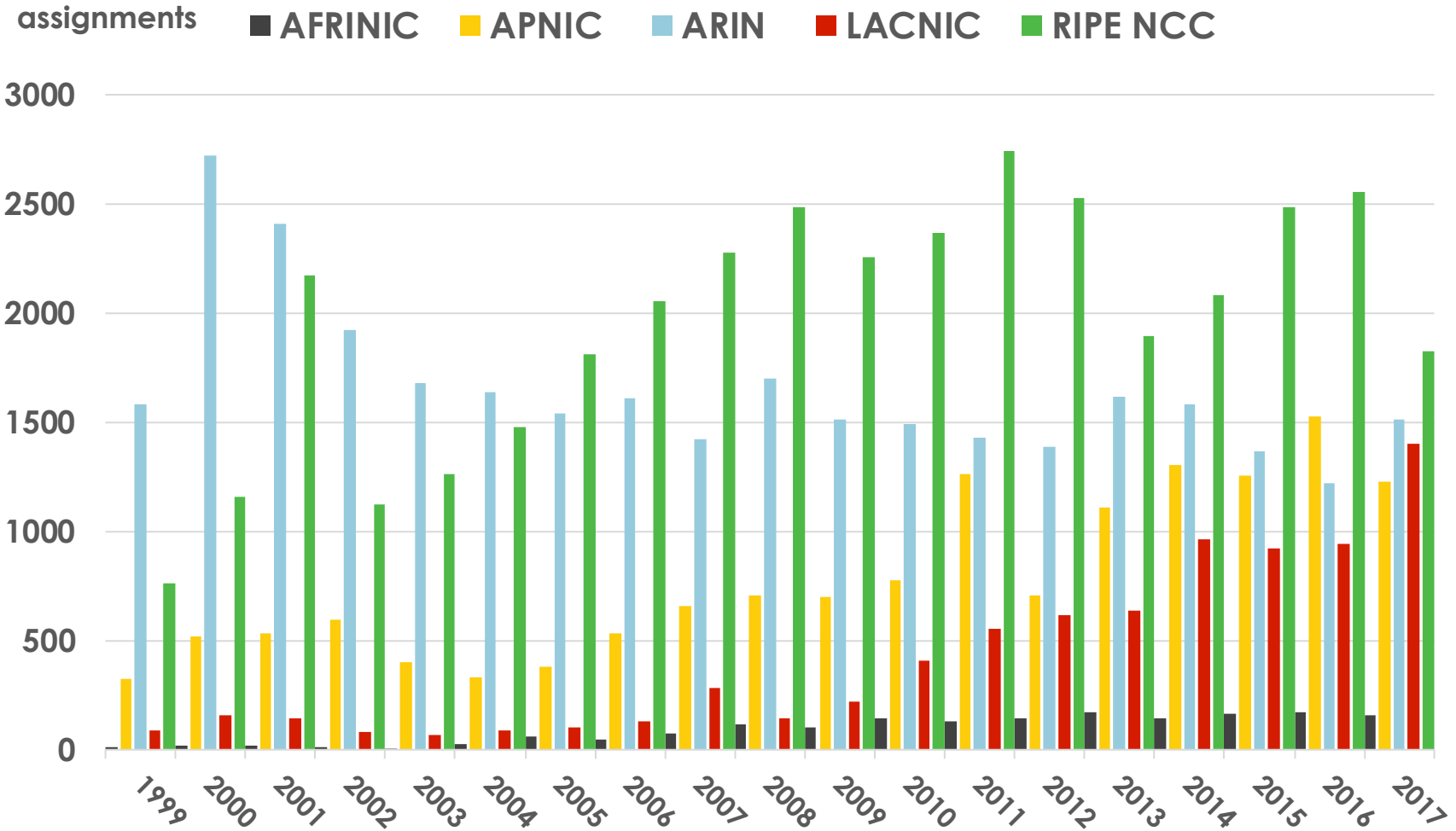


2001:610:240:0-1933:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203 195:048:02:03
 62:109:128 195:048:02:03 2001:610:240 193:0:0:203 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203
 193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203
 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203
 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203
 Number Resource Organization



ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

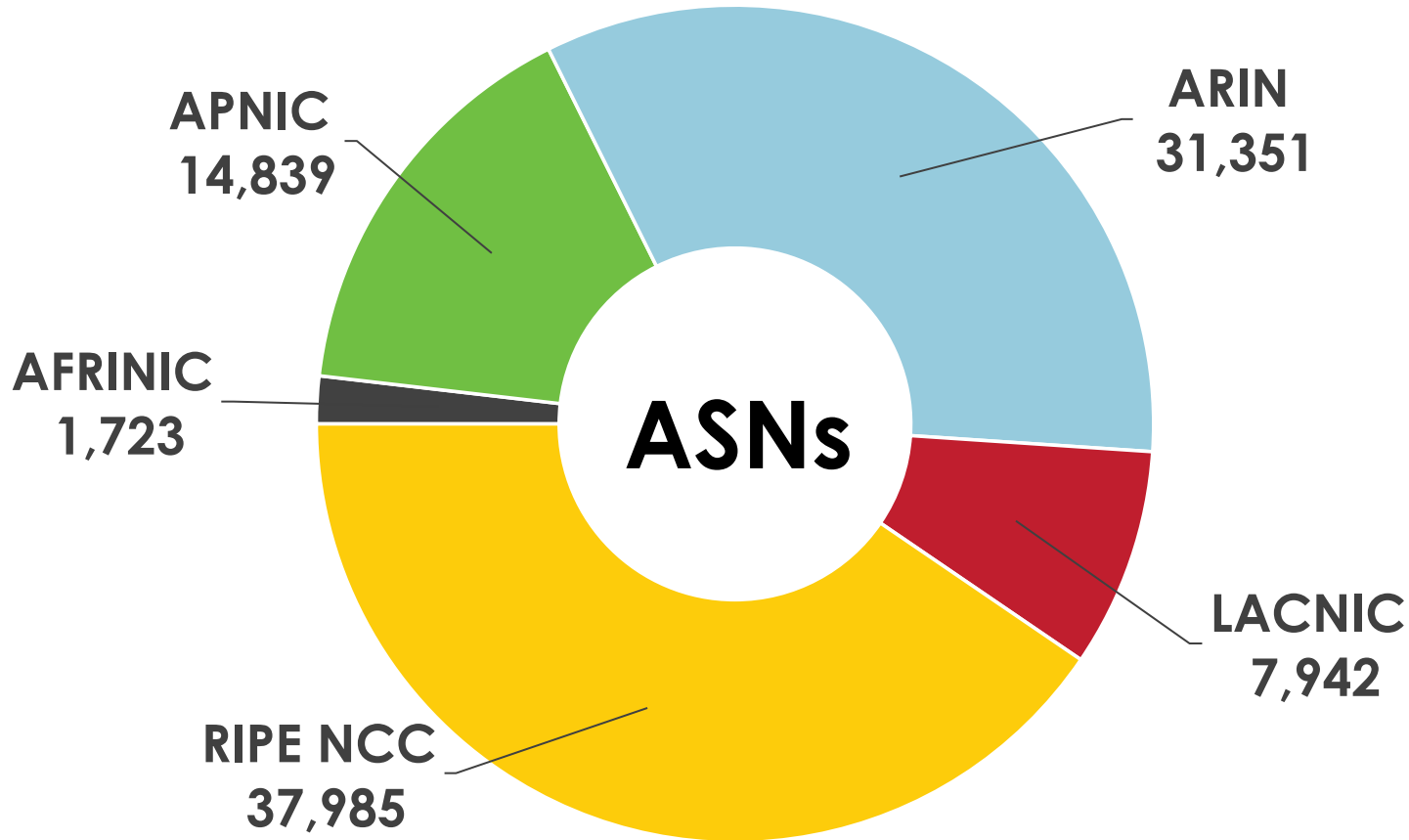
How many ASNs has each RIR assigned by year?



2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203 195:048:02:03
 62:109:128 195:048:02:03 2001:610:240 193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203
 193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:202
 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203 195:048:02:03
 Number Resource Organization

ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

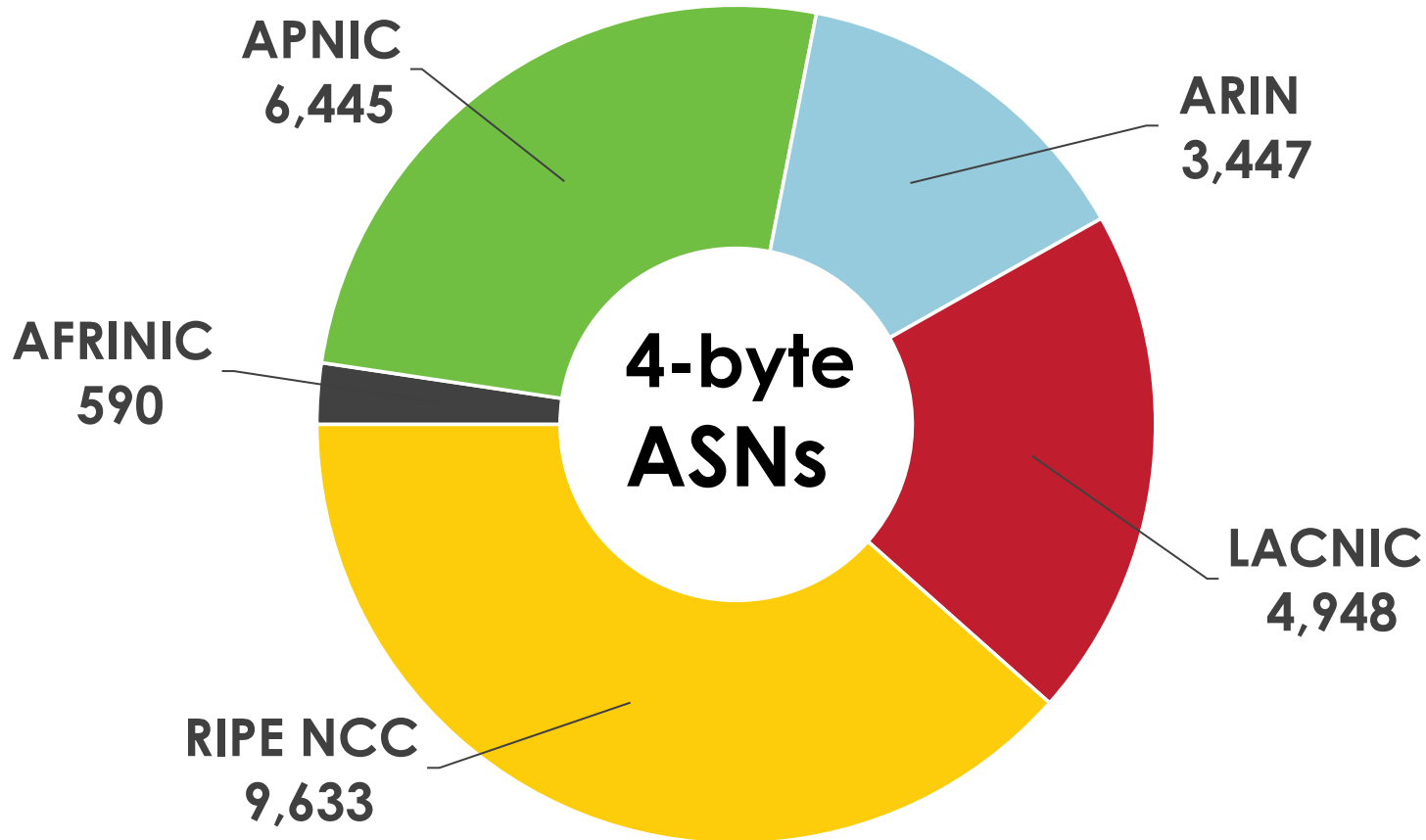
How many total ASNs has each RIR assigned?
(Jan 1999 – Dec 2017)



2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203 195:048:02:03
62:109:128 195:048:02:03 2001:610:240 193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203
2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203
Number Resource Organization

4-BYTE ASN ASSIGNMENTS

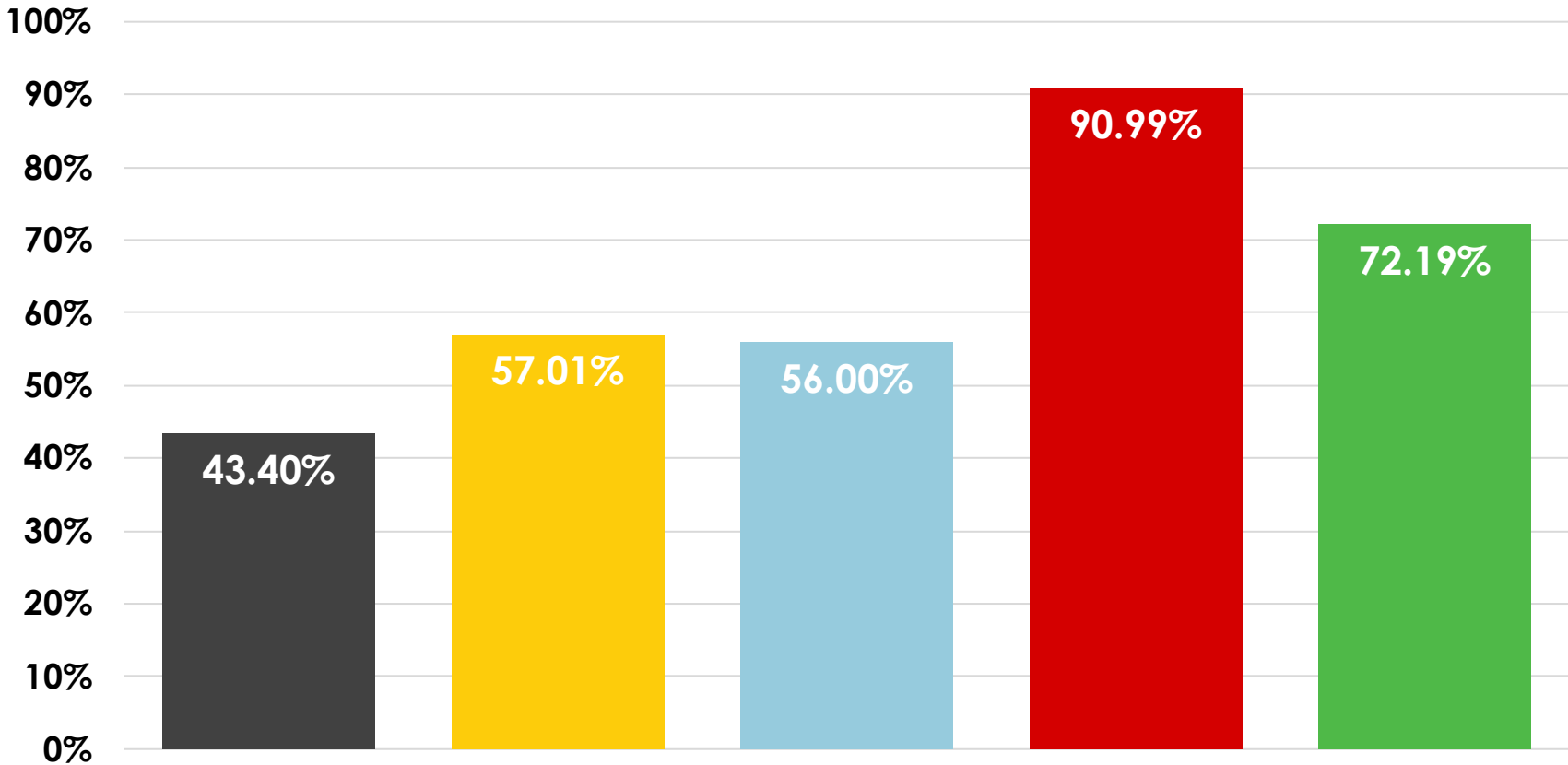
How many total 4-byte ASNs has each RIR assigned?
(Jan 2007 – Dec 2017)





PERCENTAGE OF MEMBERS WITH BOTH IPv4 AND IPv6 IN EACH RIR

■ AFRINIC ■ APNIC ■ ARIN ■ LACNIC ■ RIPE NCC



2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203 195:048:02:03
62:109:128 195:048:02:03 193:0:0:202 62:109:128 2001:610:240 193:0:0:203 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
Number Resource Organization



THANK YOU

2001:610:240-0 193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203 195:048:02:03
62:109:128 195:048:02:03 193:0:0:202 2001:610:240 193:0:0:203 2001:610:240-0 193:0:0:202
193:0:0:203 2001:610:240-0 193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
195:048:02:03 2001:610:240-0 193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
2001:610:240-0 193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
Number Resource Organization