

why-pi:

No honestly, why?
(not a policy proposal)
(maybe not even address policy, yet here we are)

What's your flavour?

- LEGACY
- ALLOCATED PA
- ASSIGNED PA
- ASSIGNED PI
- ASSIGNED ANYCAST

Think that's all?

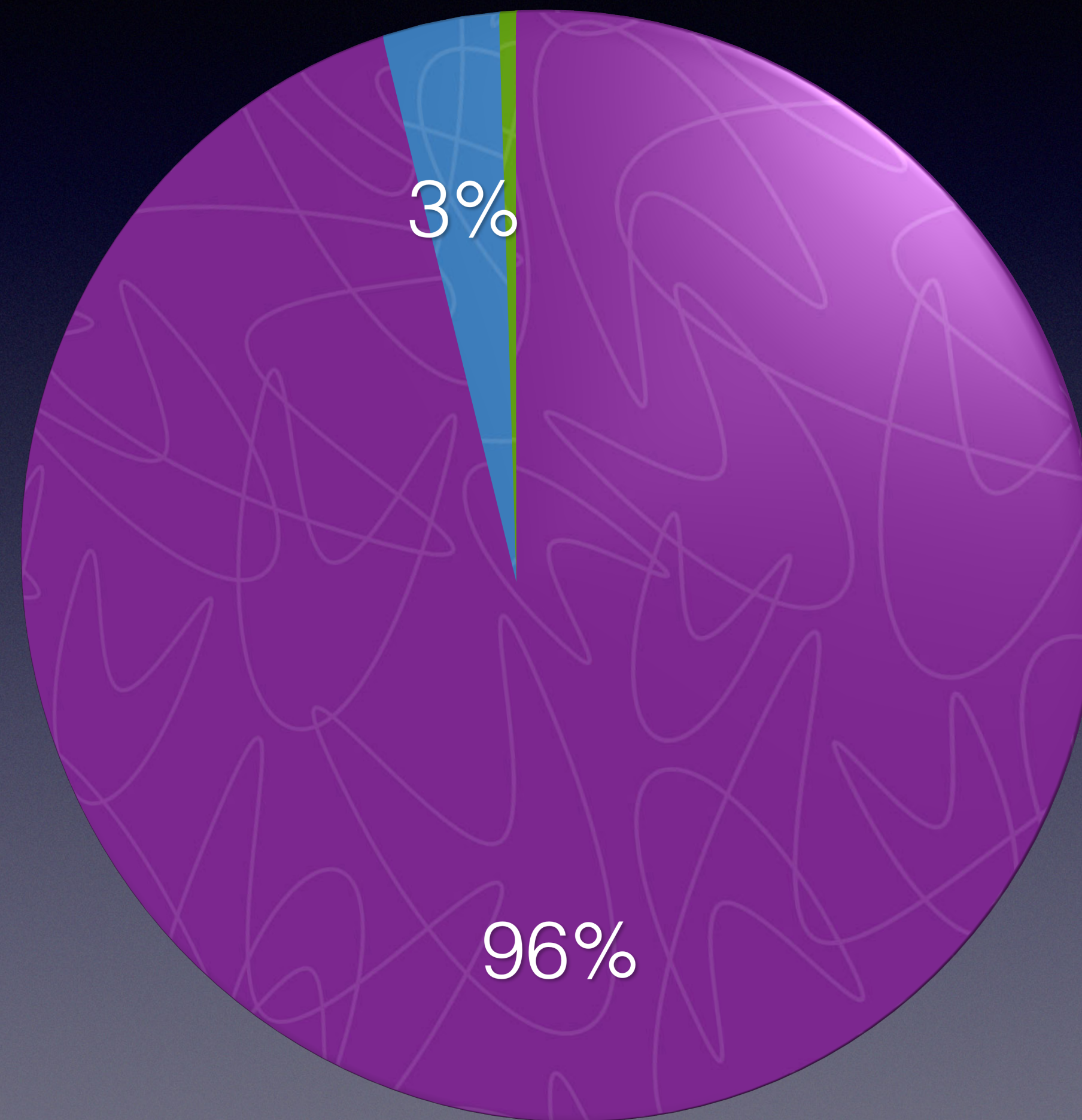
There are 4 TYPPOS more common than 'ASSIGNED ANYCAST'

- ASSIGNED PA **3,953,170**
- LEGACY **143,019**
- ALLOCATED PA **56,216**
- ASSIGNED PI **20,047**
- *Assigned PA* **10,114**
- *assigned PA* **8,696**
- LIR-PARTITIONED PA **7,334**
- SUB-ALLOCATED PA **4,921**
- ALLOCATED UNSPECIFIED **2,659**
- *assigned pa* **2,291**
- *Assigned pa* **264**
- LIR-Partitioned PA **136**
- ASSIGNED ANYCAST **50**
- *ASSiGNED PA* **32**
- *Assigned Pa* **9**
- *ASSIGNED pa* **8**
- sub-allocated pa **3**
- *ASSigned PA* **2**
- *ASSIGNED Pa* **2**
- *assigned Pa* **1**
- *aSSIGNED PA* **1**
- *ASSIGNED pA* **1**

Focus on “assigned”

- ASSIGNED PA (3,974,592)
- LEGACY (143,019)
- ASSIGNED PI (20,047)
- ASSIGNED ANYCAST (50)

Helpful Pie Chart



● PA

● Legacy

● PI

● Anycast

Let's look at IPv6

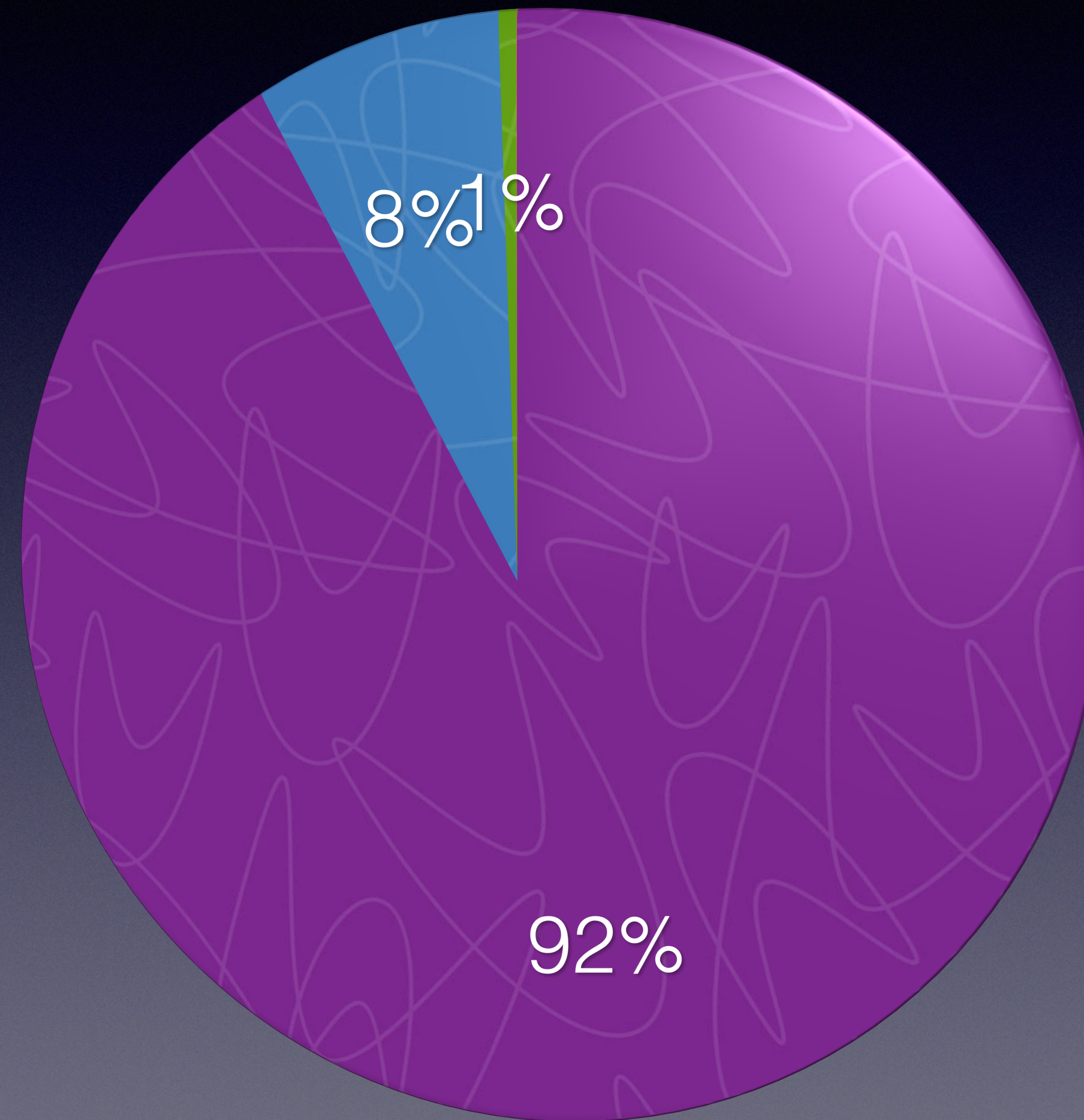
There are 2 TYPPOS more common than 'ASSIGNED ANYCAST'

- ASSIGNED **565,004**
- AGGREGATED-BY-LIR **46,127**
- ALLOCATED-BY-RIR **19,070**
- ALLOCATED-BY-LIR **13,266**
- ASSIGNED PI **3,249**
- Assigned **1,553**
- assigned **1,061**
- ASSIGNED ANYCAST **67**
- ALLOCATED-BY-RIR # This block was actually allocated by the IANA **14**
- Aggregated-by-LIR **10**
- allocated-by-lir **7**
- aggregated-by-lir **4**
- Allocated-by-LIR **2**
- Aggregated-by-lir **2**
- ASSIGNED **1**

Focus on “assigned”

- ASSIGNED (567,619)
- AGGREGATED-BY-LIR (46,143)
- ASSIGNED PI (3,249)
- ASSIGNED ANYCAST (67)

Another Helpful Pie Chart



● ASSIGNED PA

● AGGREGATED-BY-LIR

● PI

● Anycast

How much of this still matters?

Certainly for v4, maybe also for v6?

First law of Kurtis

“If you think you’re special,
you’re probably wrong.”

Allocated? Sure

(Has this been handed out to a contracted entity?)

Assigned?
Definitely
(Is this in use?)

Legacy? Probably not

(An admin flag inside the NCC would do the same)

Anycast?

No.

(That's kind of the point of anycast)

What would we gain?

ALLOCATED || ASSIGNED

Clarity

Consistency

Less room for loopholes

(Much) simpler policy and procedures

Why now?

(Remnants of) address policy define a very rigid model for the RIPE NCC to follow for the structure of its membership, mostly based on rules about the distribution of IPv4.

If we want to give the RIPE NCC membership room to evolve its membership structure based on today's reality we need a clean break with policy and a database that no longer prescribes the RIPE NCC membership model, but rather allows it to accurately reflect reality.