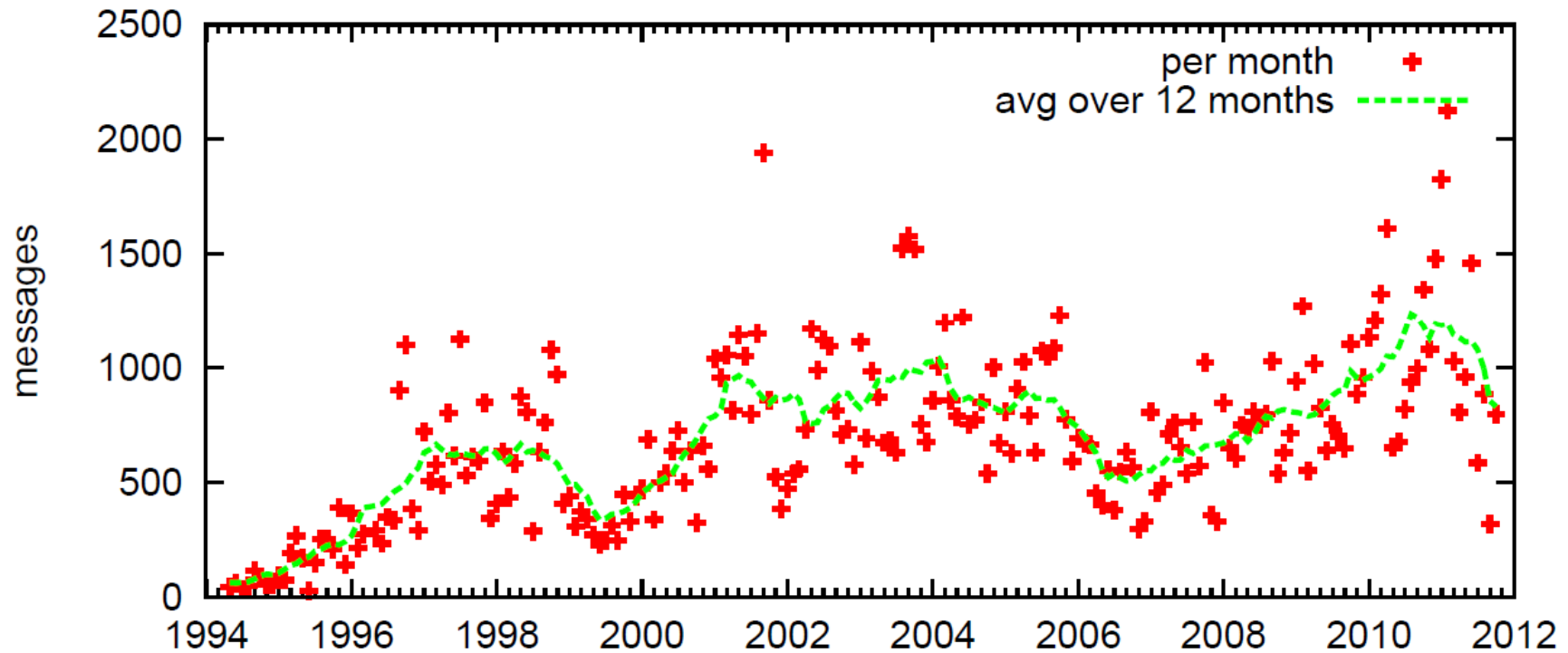


Analysis of outage posts in NANOG and Outages mailing lists

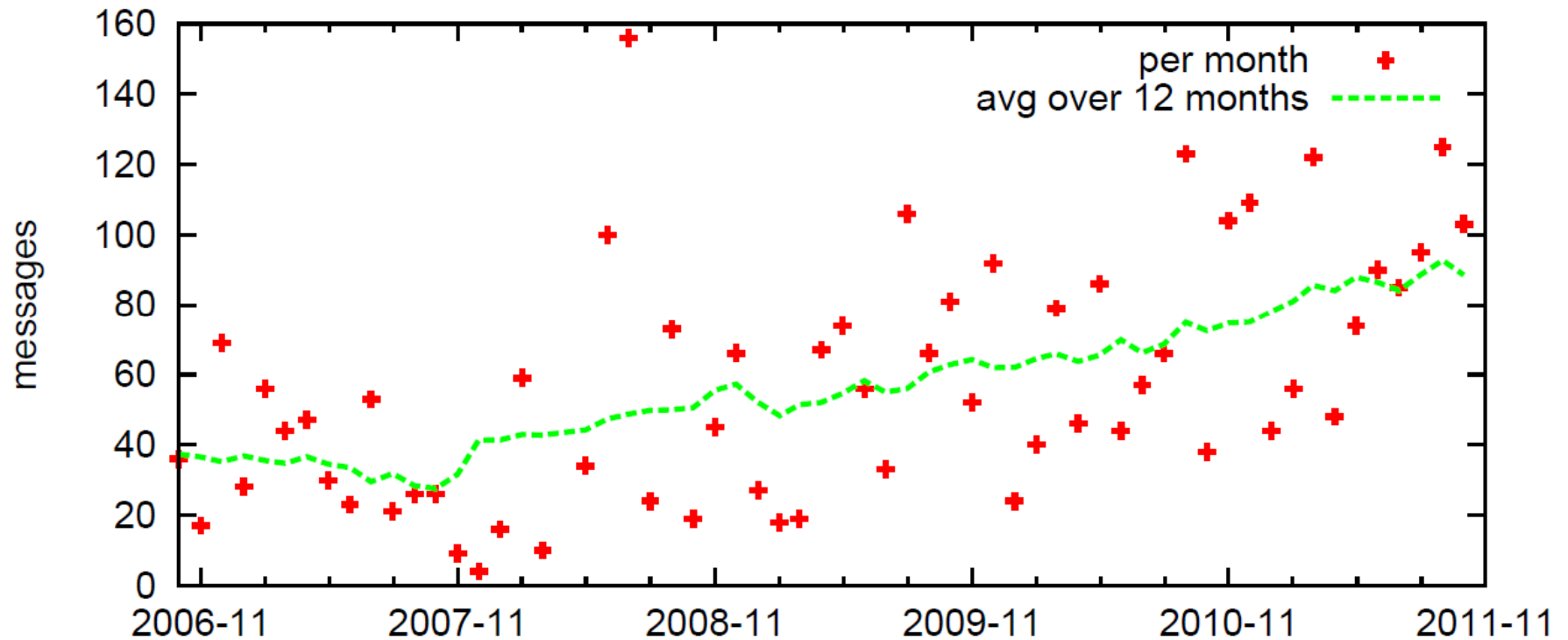
Xenofontas Dimitropoulos, ETH Zurich

NANOG mailing list



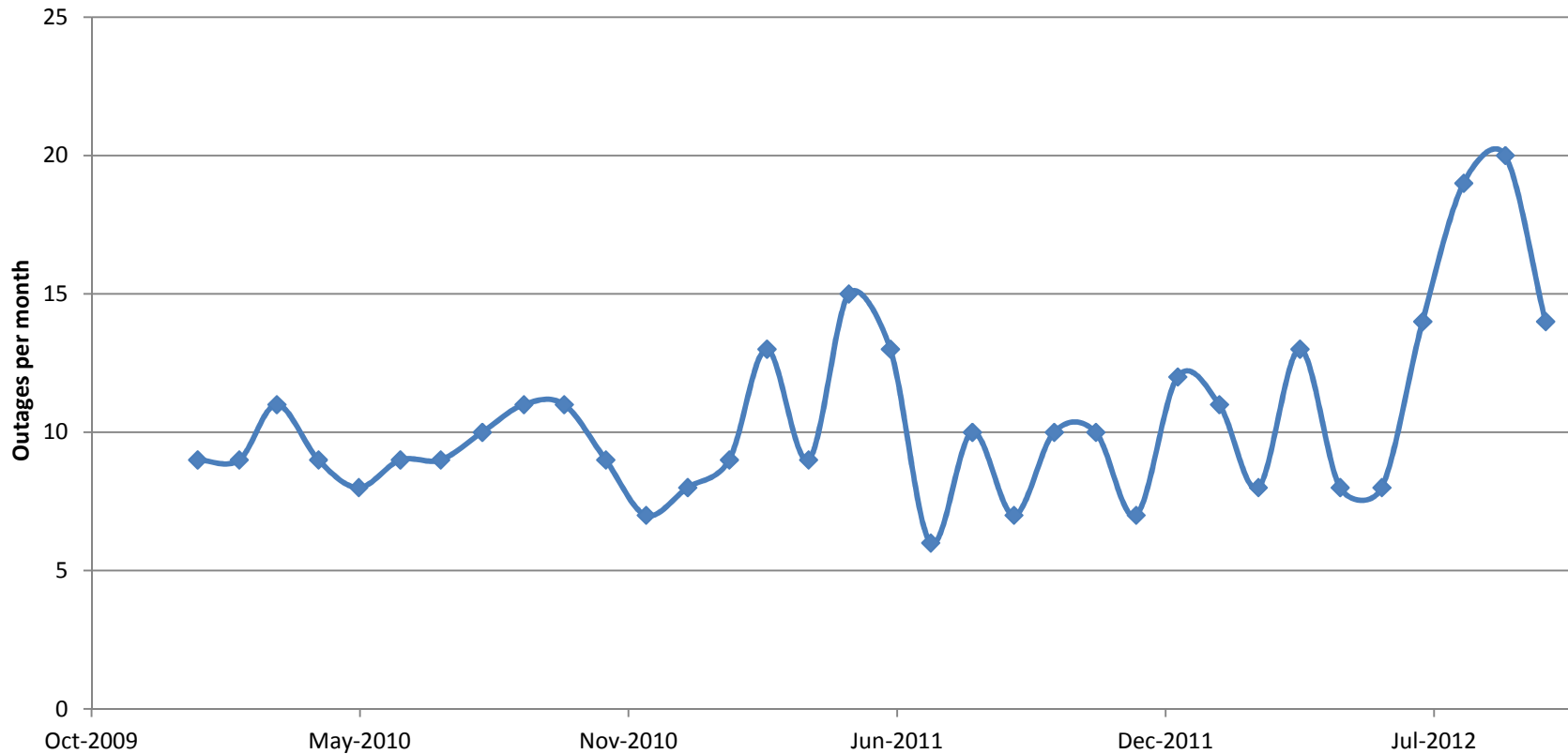
After a linear rise between 94 and 97, the number of messages mainly fluctuates between 500 and 1500 messages per month.

OUTAGES mailing list



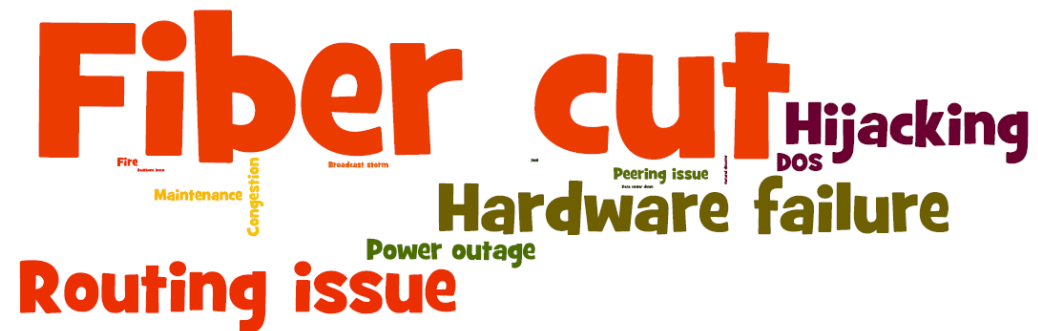
The average number of emails per month has increased from 40 to over 80 in the last 5 years

Outages in Nanog & Outages mailing lists



- 361 confirmed outages in slightly less than 3 years
- On average 10.5 outages per month

Top 10 Causes of Outages



Outage Cause	Count	Percentage (%)
DOS	6	1.7
Fiber cut	48	13.3
Hardware failure	17	4.7
Maintenance	4	1.1
Peering issue	4	1.1
Power outage	7	1.9
Routing issue	18	5
Unknown	226	62.8
Congestion	4	1.1
Route hijacking/leak	15	4.2
Grand Total	349	96.9