Commercial Enablers

- Simple, attractive interfaces for ordinary people, especially the World Wide Web
- Simple, low overhead monetary transaction mechanisms
- Widespread availability of software
- Widespread availability of access
- Size and growth of the public Internet
- Low cost and high performance
- Explosion of use and innovation
- Bottom-up infrastructure

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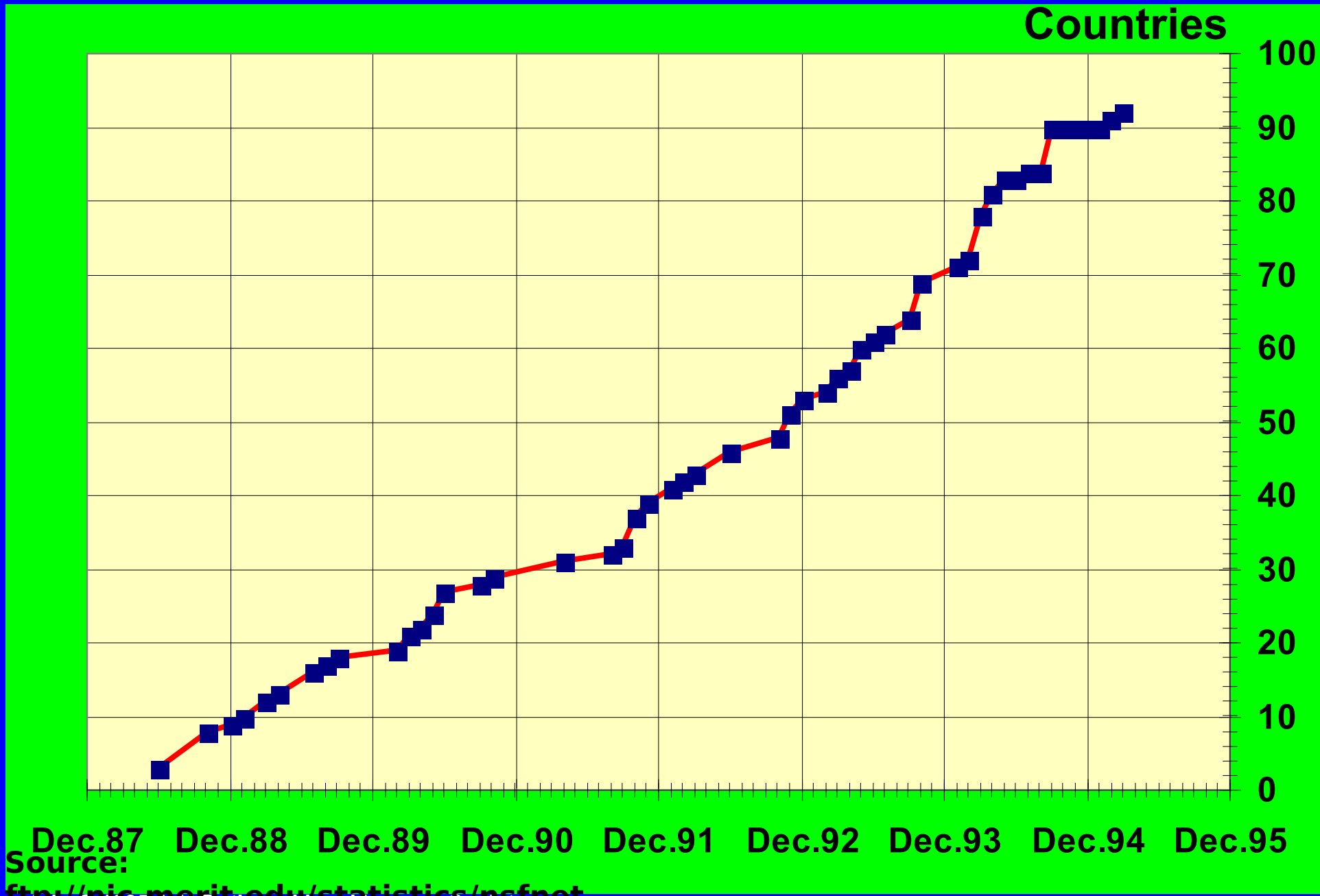
Internet Backbone Connectivity



Source:
ftp://nic.merit.edu/statistics/nsfnet

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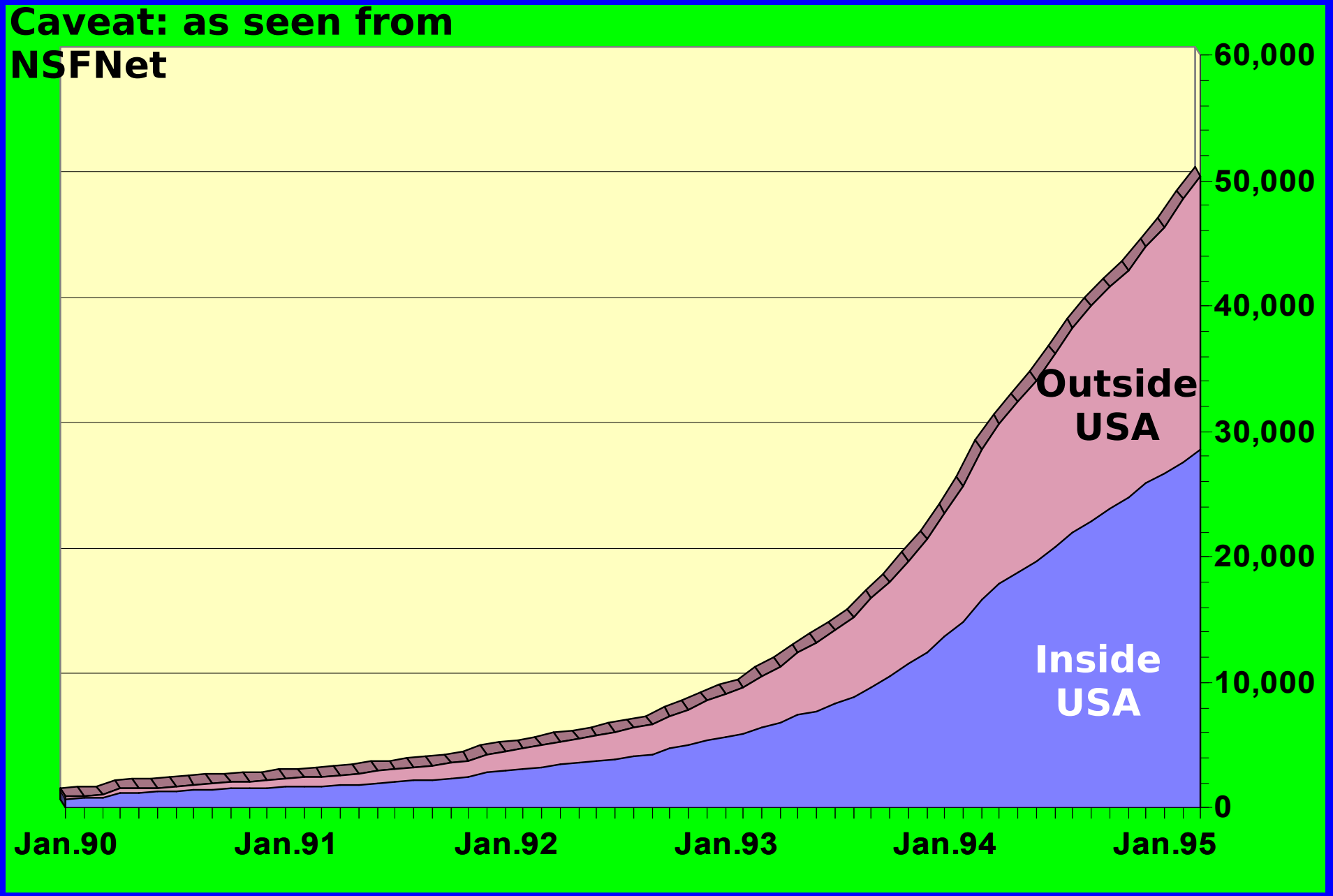
Internet Growth in Networks



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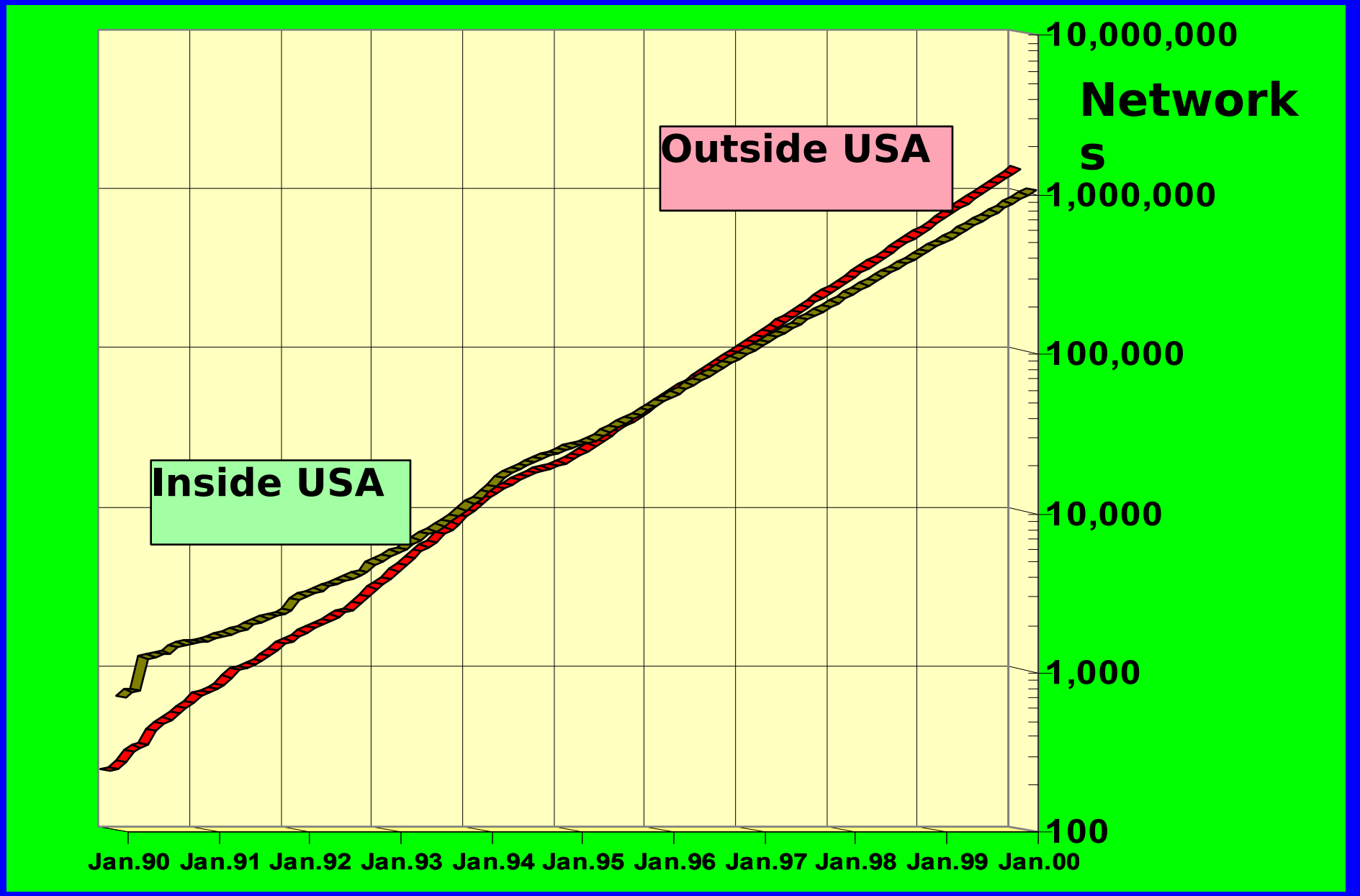
Projected Network Growth



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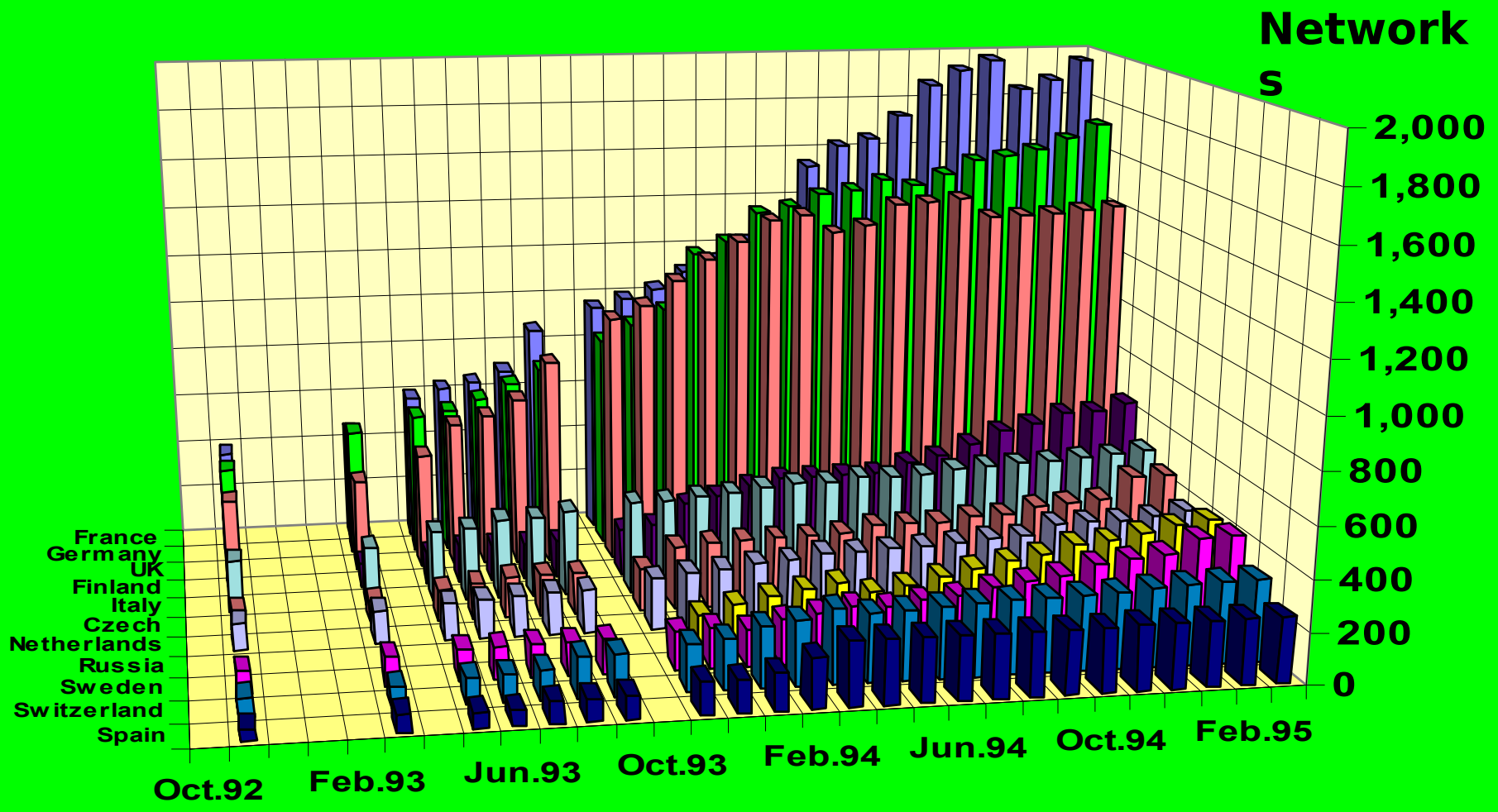
European Networks - Top 11



Caveat: as seen from NSFNet

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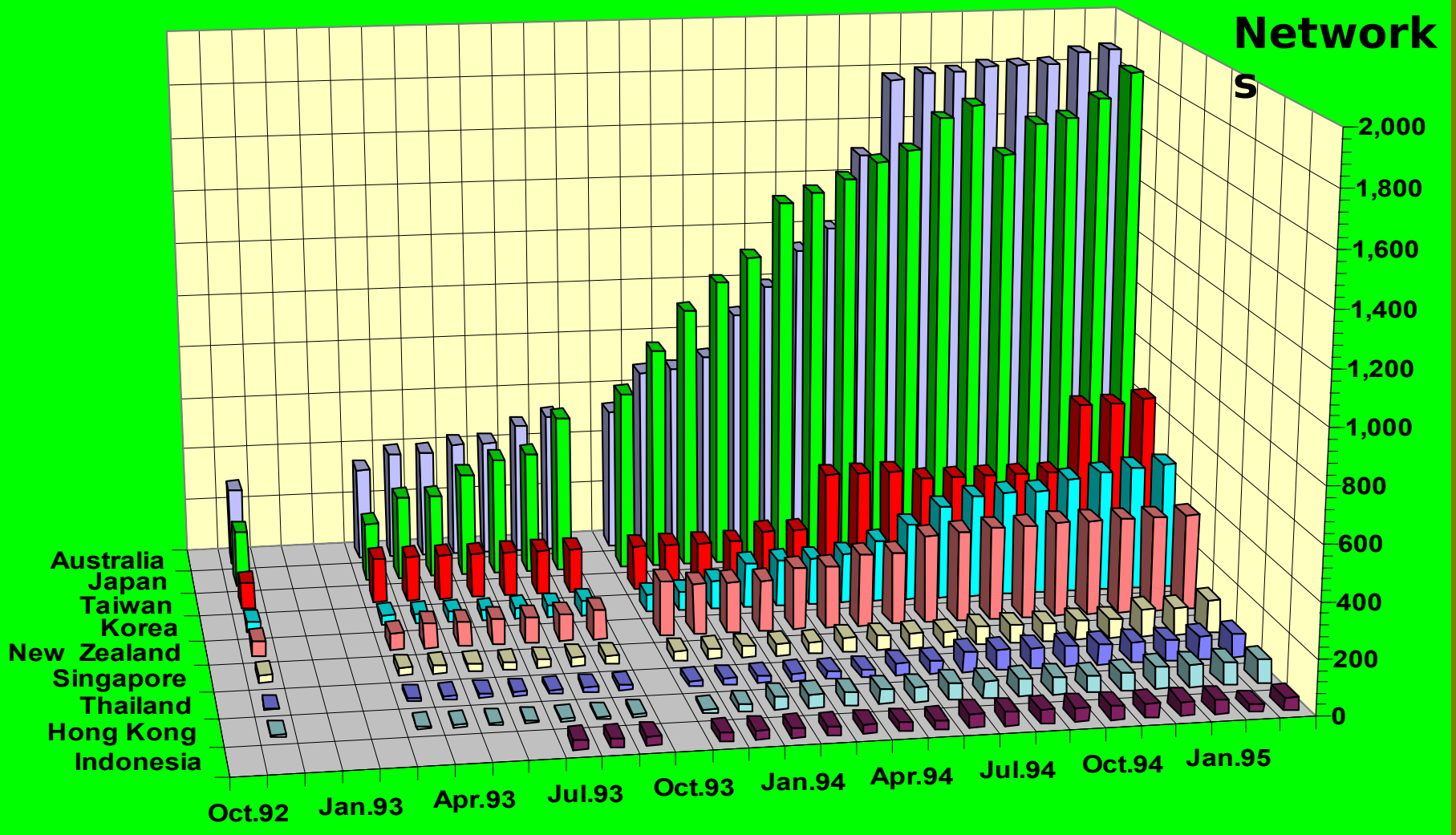
Asia-Pacific Networks - Top 9



Caveat: as seen from NSFNet

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Factors Promoting Internet Diffusion

- Minimal or no regulatory constraints on value added and shared user networks
- Availability of cost-based private leased lines
- Availability of cost-based local access lines
- Availability of reasonably priced computers
- Facilities-based competition
- Individuals and institutions skilled in designing and operating tcp/ip computer networks
- Individuals and institutions capable of effectively using computer networking
- Time of entry into Internet community

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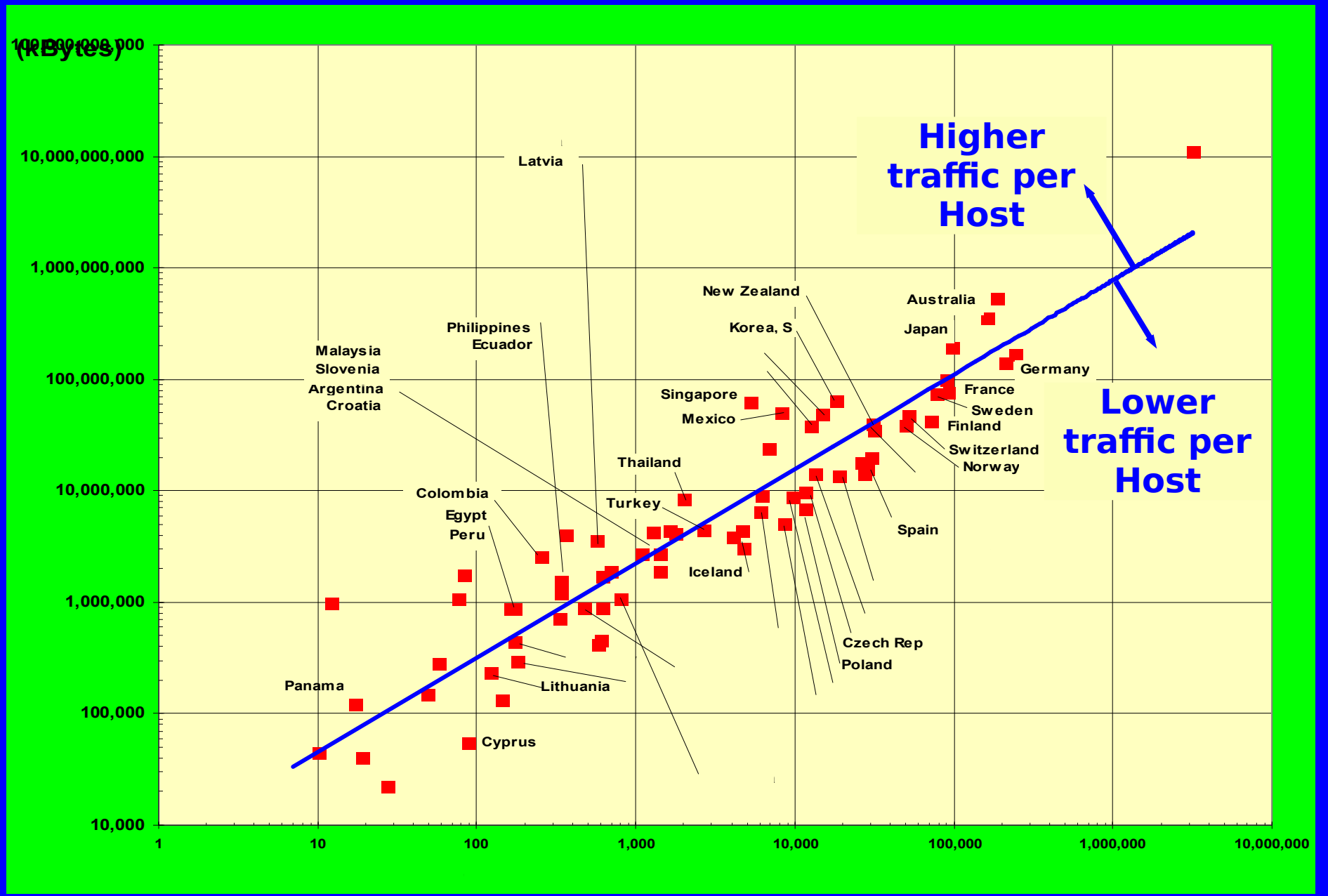
Global Host-Traffic Profile



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Promises

- Huge, fast moving global marketplace
- Worldwide Internet related business opportunities
- A world of shared minds transcends accidental boundaries, geography, institutions, and time
- A communications and collaboration medium profoundly affecting our evolution
- ...potentially filled with increased discovery, fulfillment and fascination for humankind

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