Mobile Design History

But first, a brief history on the internet...

The ARPANET in December 1969
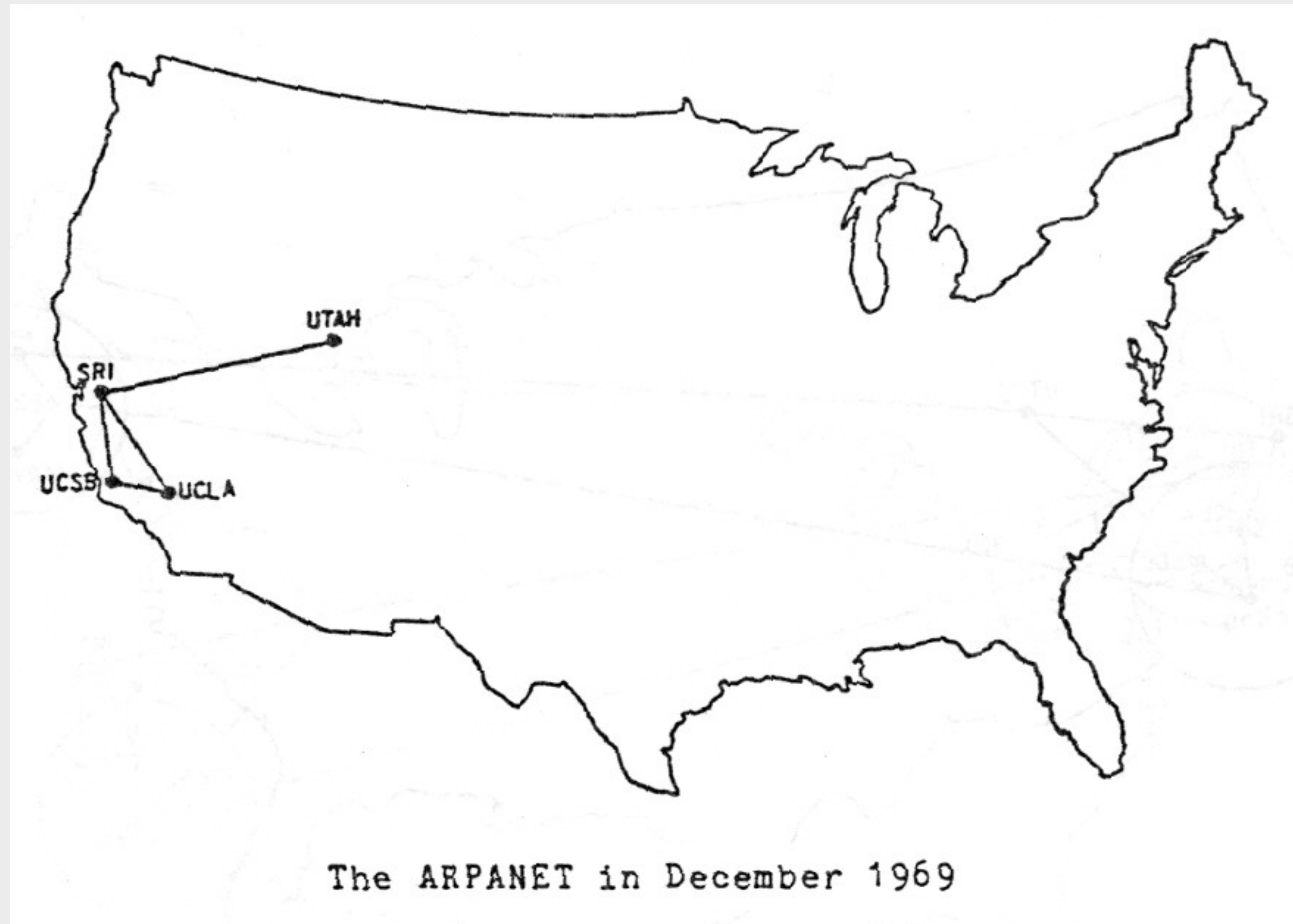
Arpanet

A precursor to the internet that was an academic research project funded by Advanced Research Projects Agency.
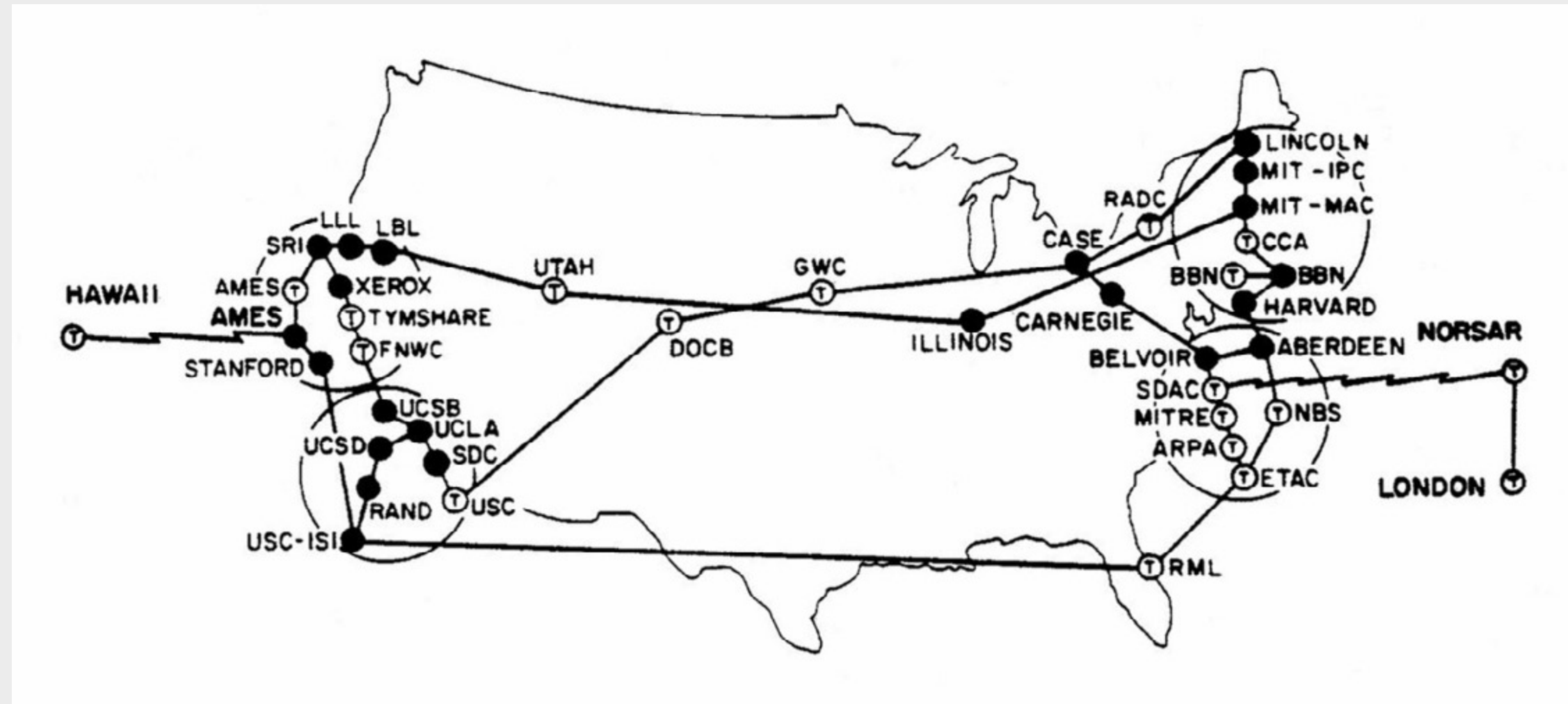
Arpanet expanded

By 1970 cross country, 1973 international.

Email is invented

During this time, email is invented by Roy Tomlinson (1941–2016) who also invents the use of @ symbols in email addresses.
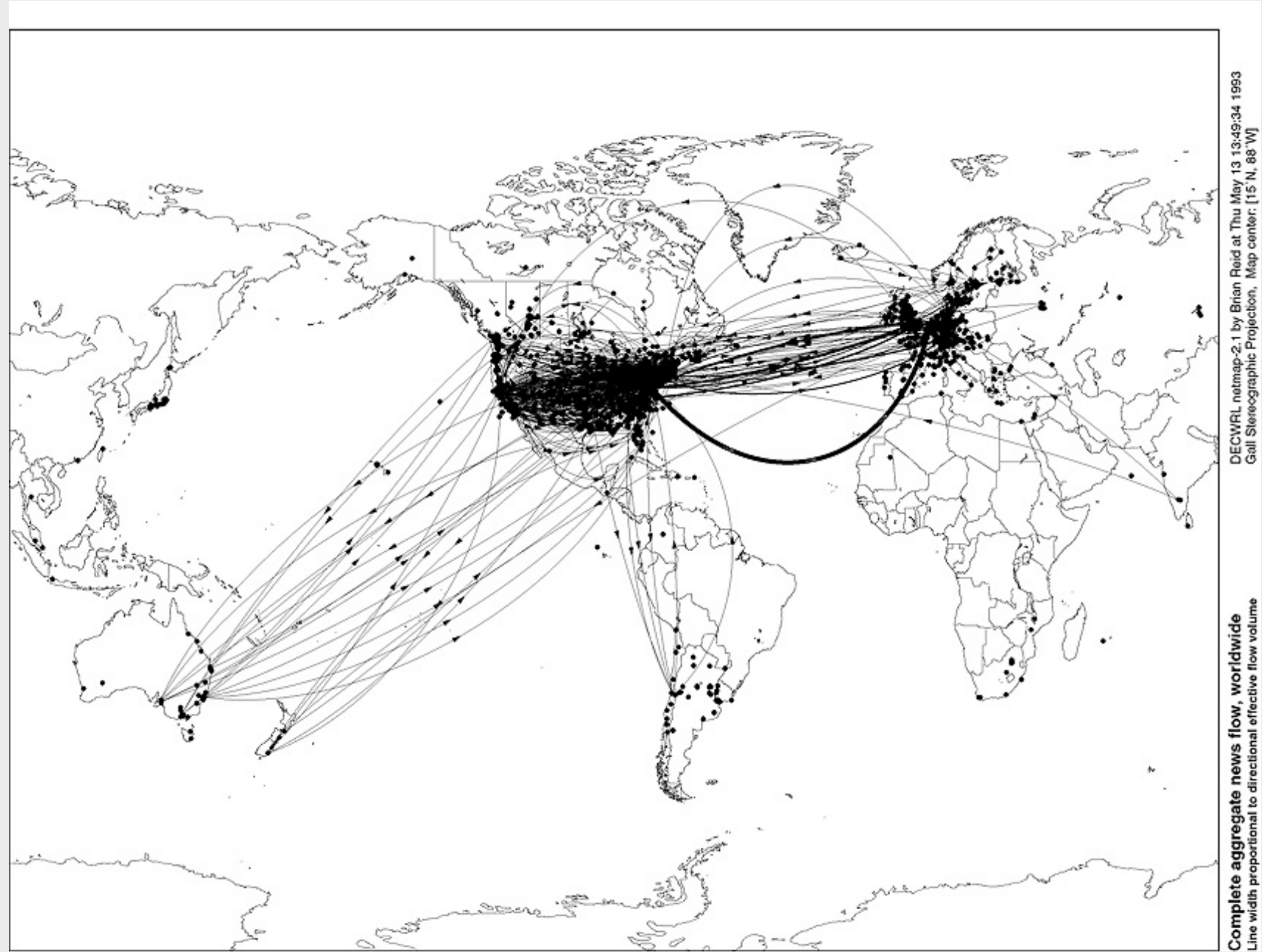
Usenet

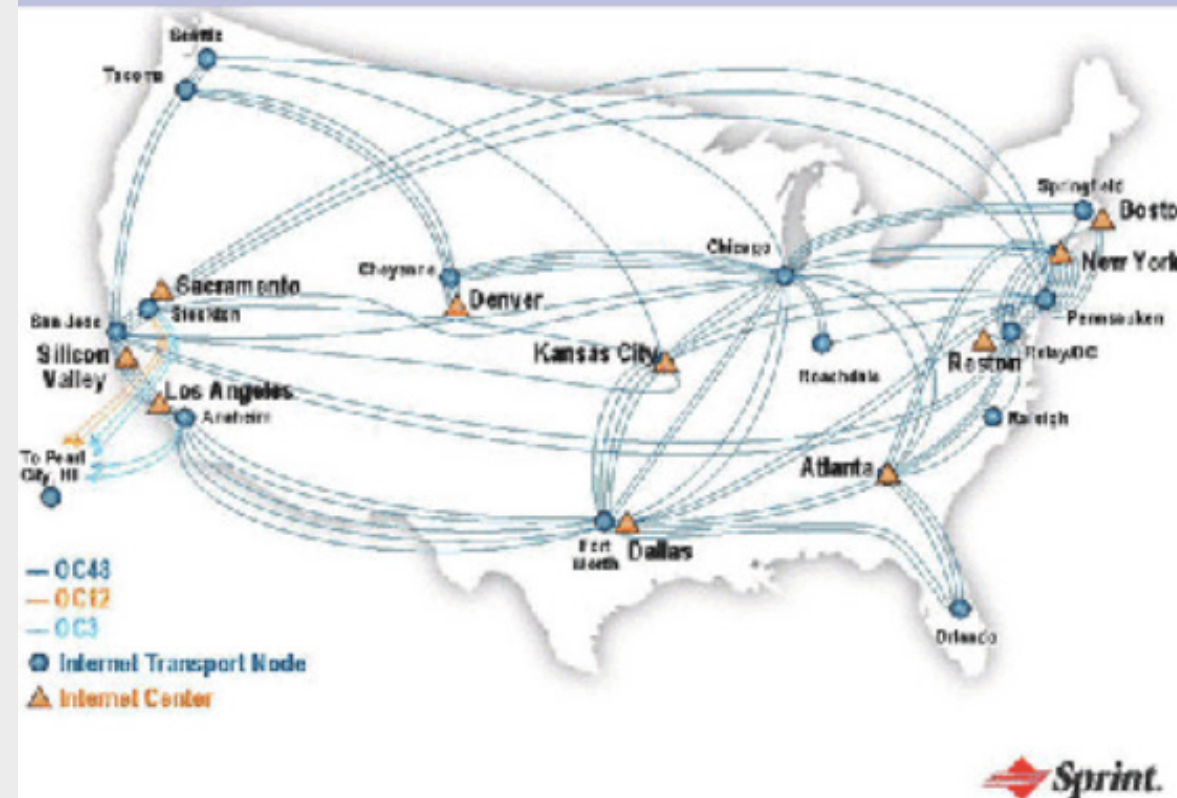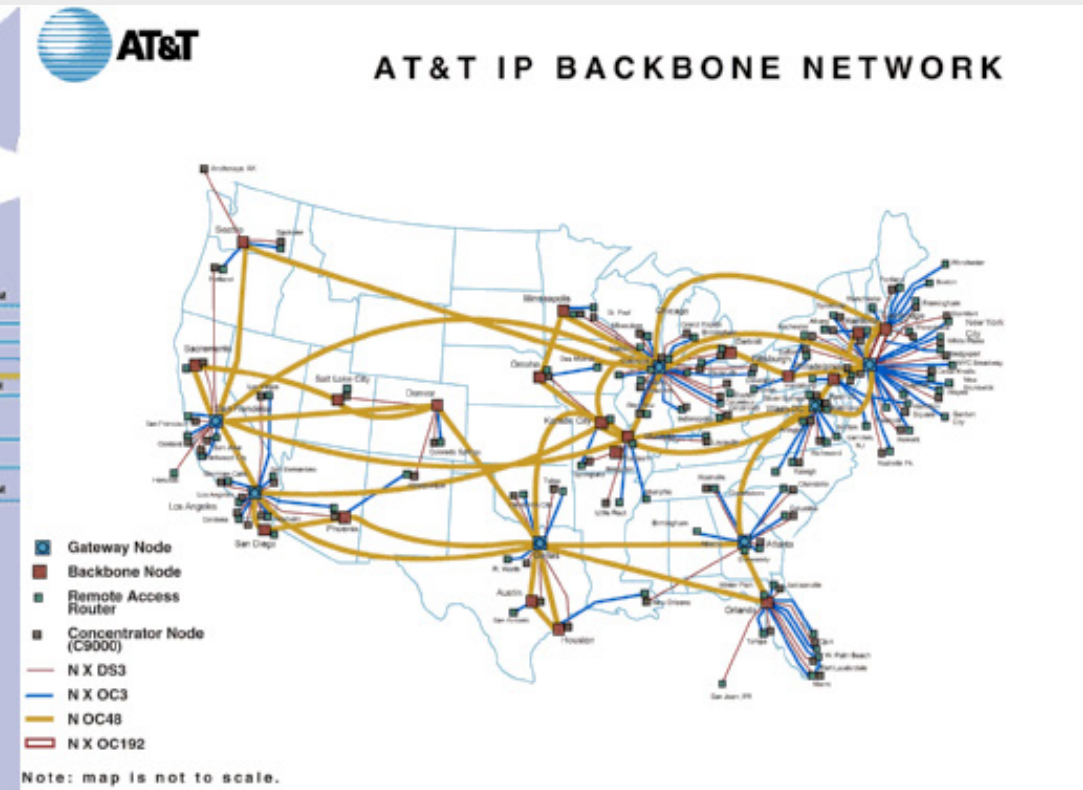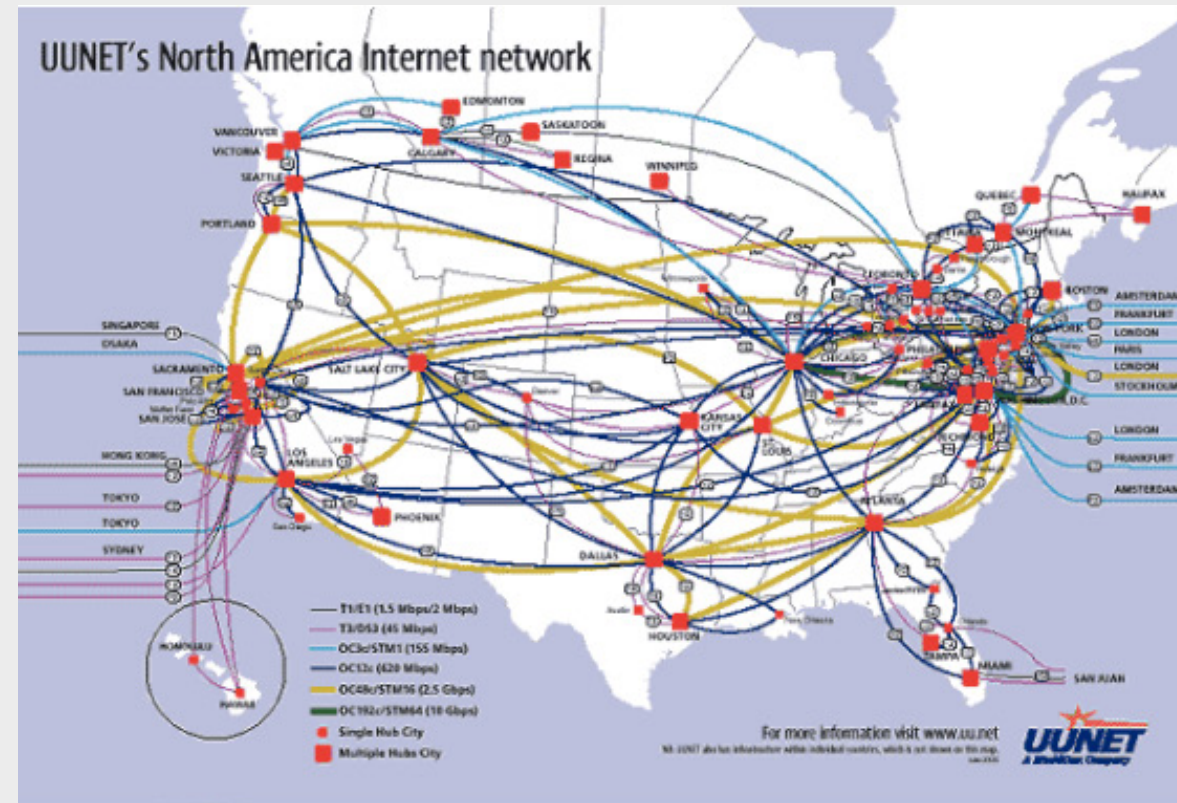By 1980s, ARPANET continued to grow, fostering a social commuity predating Facebook and MySpace.

ARPANET becomes Internet (1983)

Engineers Robert Kahn and Vint Cerf standardize network communications known as TCIP/IP. ARPANET switches to this in 1983, marking birth of modern internet.

Complete aggregate news flow, worldwide
Line width proportional to directional effective flow volume

DECWRL netmap-2.1 by Brian Reid at Thu May 13 13:49:34 1993
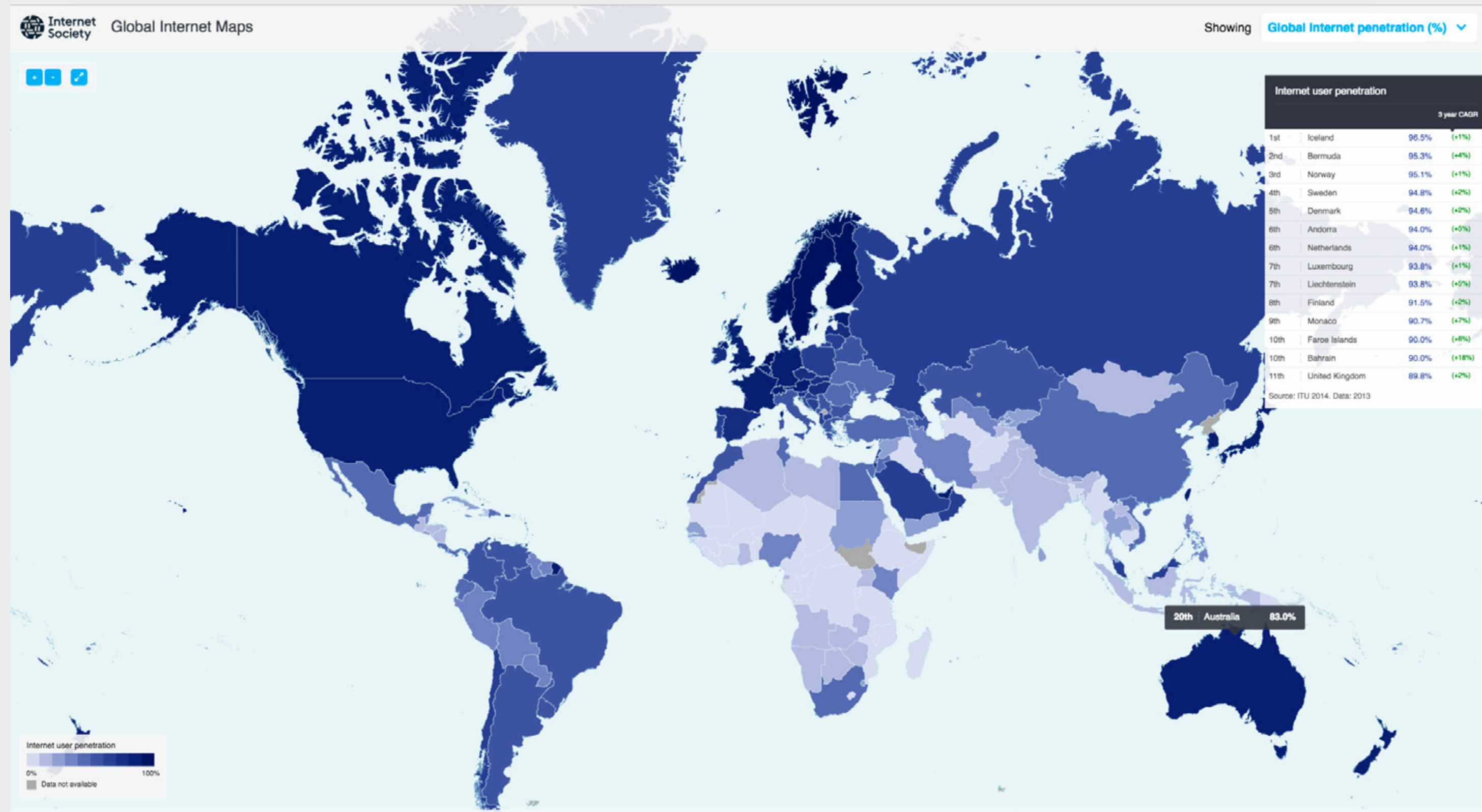Gall Stereographic Projection, Map center: [15°N, 88°W]

Internet had become global by 1993.

Map of information flow on Usenet shown here.
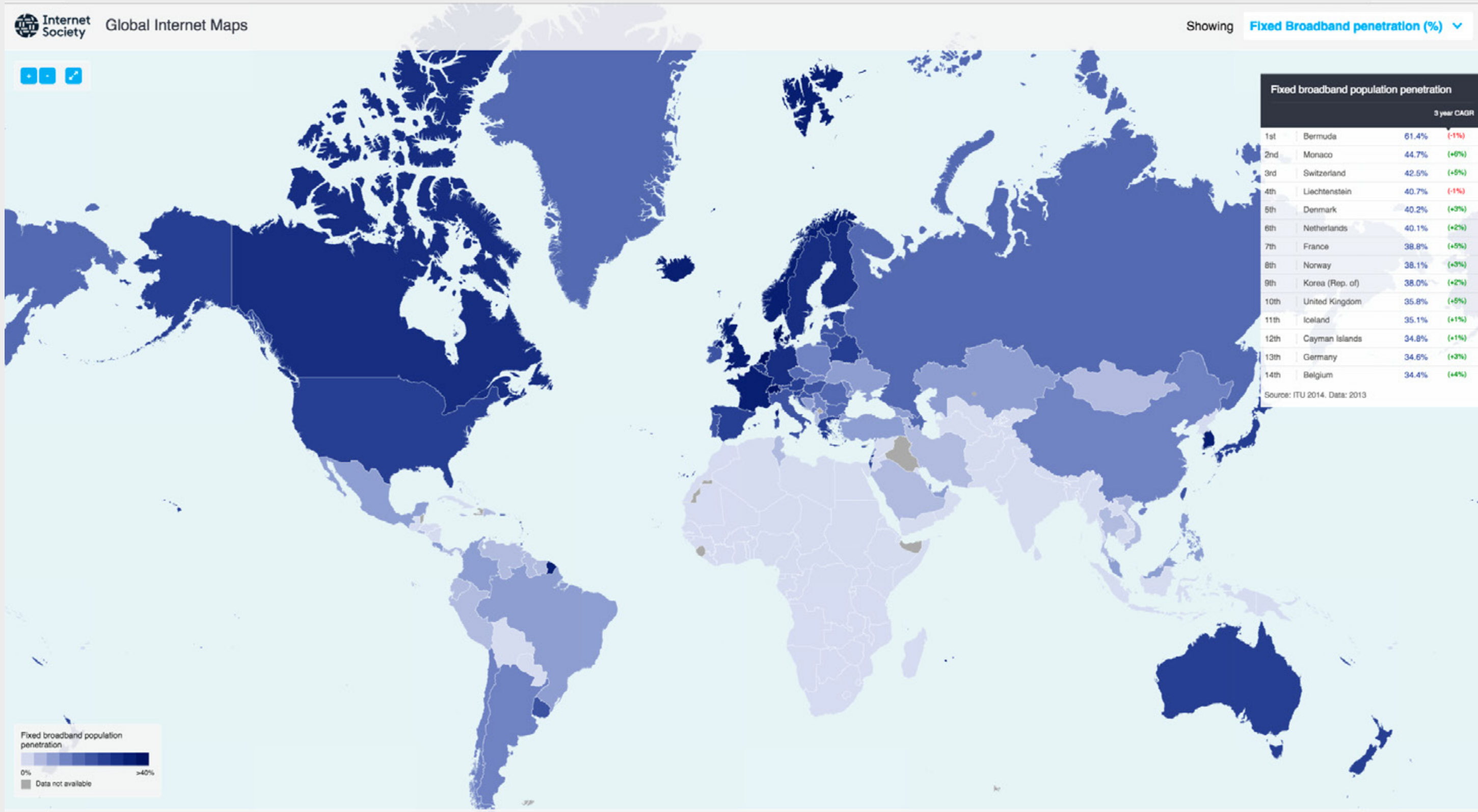
Internet becomes commercialized

By 1994, Clinton administration privitized internet backbone. Commercial firms took over long-distance traffic, allowing gov't funded NSFNET to be decomissioned.
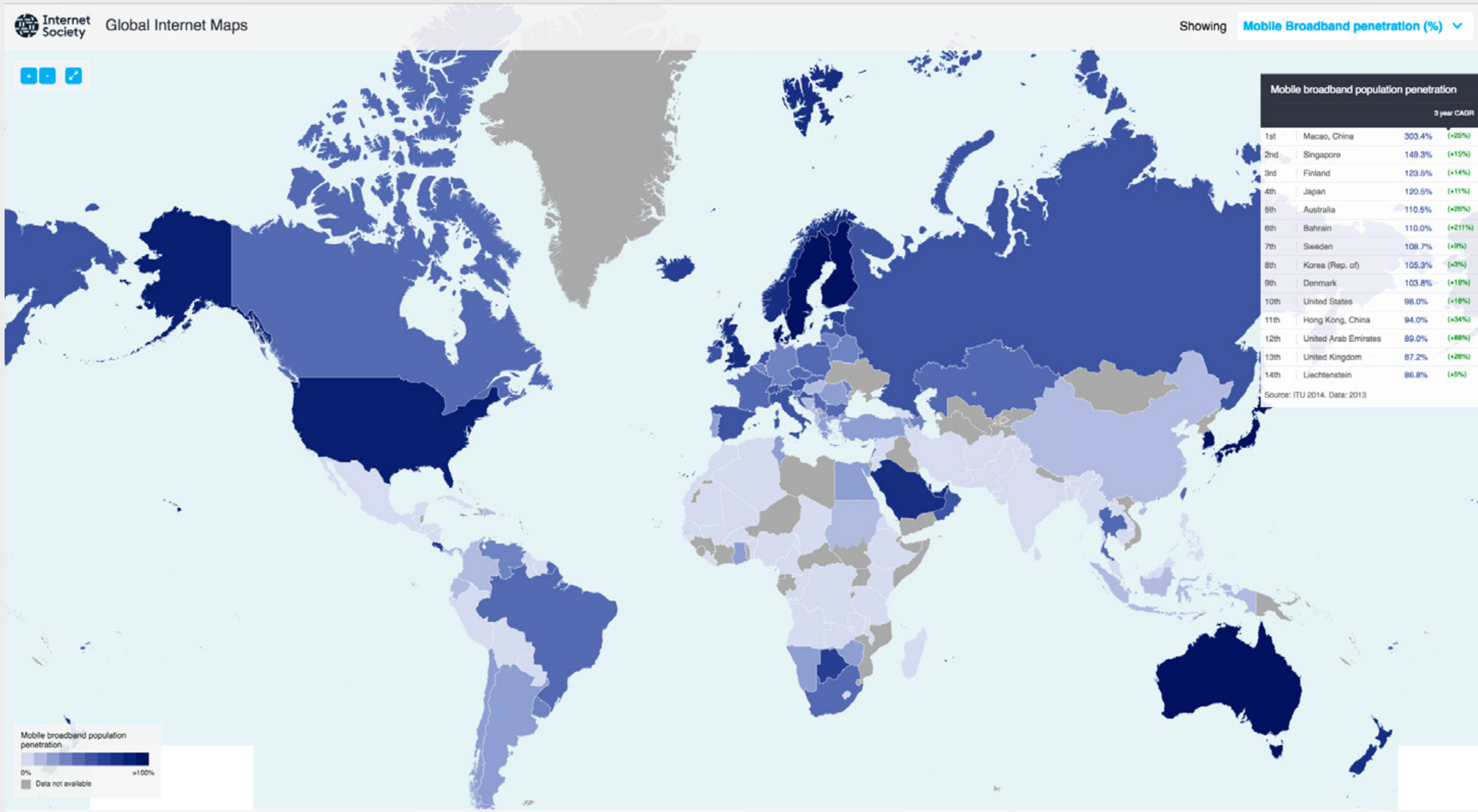
Global Internet Penetration 2017

Shows who has access to internet. 2 main ways: through broadband connection or through mobile device.

Broadband Internet Penetration 2017

Showing **Mobile Broadband penetration (%)**

Mobile broadband population penetration

			3 year CAGR
1st	Macao, China	303.4%	(+25%)
2nd	Singapore	149.3%	(+15%)
3rd	Finland	123.5%	(+14%)
4th	Japan	120.5%	(+11%)
5th	Australia	110.5%	(+26%)
6th	Bahrain	110.0%	(+211%)
7th	Sweden	108.7%	(+9%)
8th	Korea (Rep. of)	105.3%	(+3%)
9th	Denmark	103.8%	(+18%)
10th	United States	98.0%	(+18%)
11th	Hong Kong, China	94.0%	(+34%)
12th	United Arab Emirates	89.0%	(+88%)
13th	United Kingdom	87.2%	(+26%)
14th	Liechtenstein	86.8%	(+5%)

Source: ITU 2014. Data: 2013

Mobile broadband population penetration

0%   >100%

Data not available

Mobile Internet Penetration 2017

Tell me more about cell phones

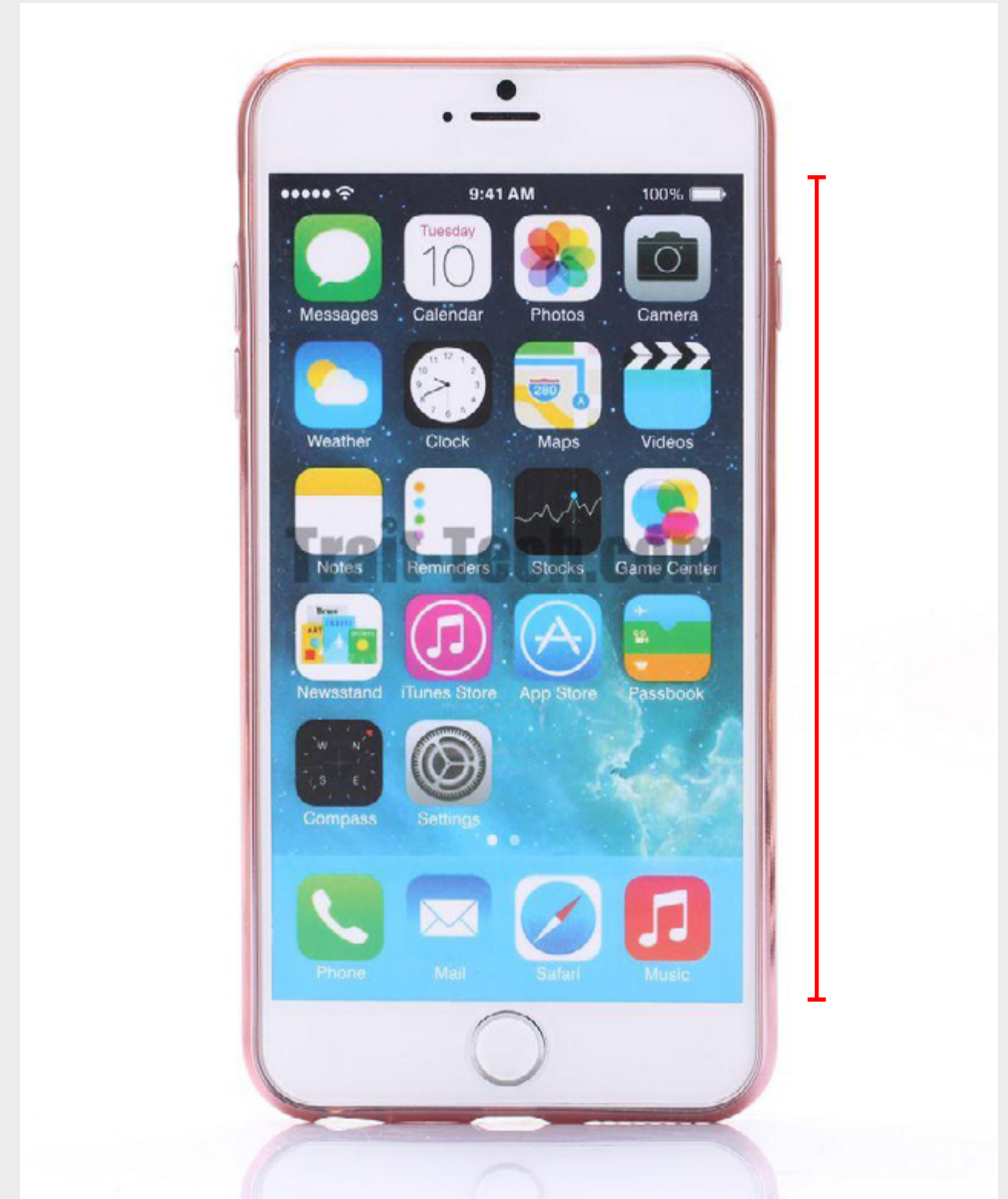Martin Cooper(1928–) invented the first cell phone in 1974.

Watch Video

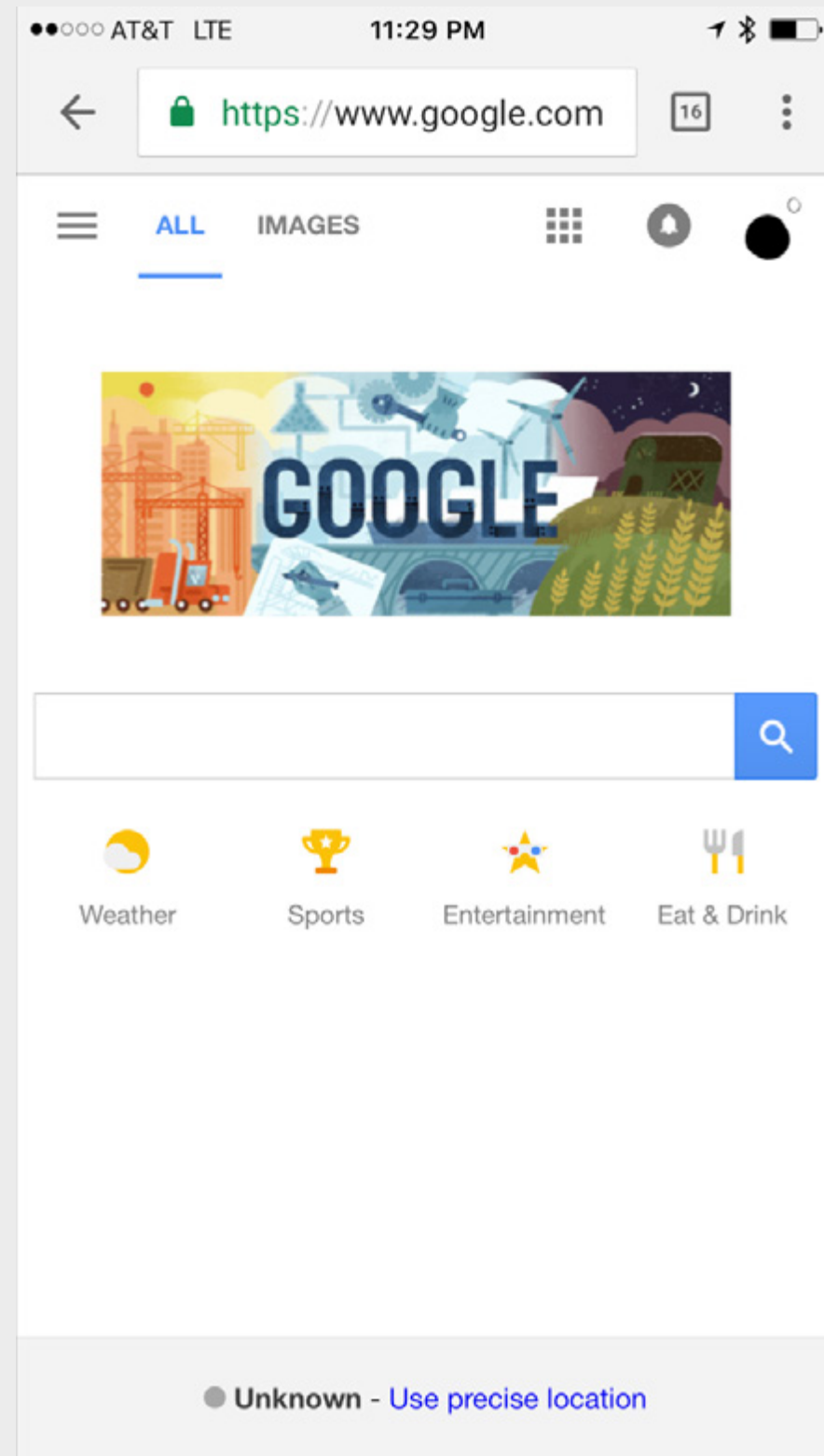**Watch Video**

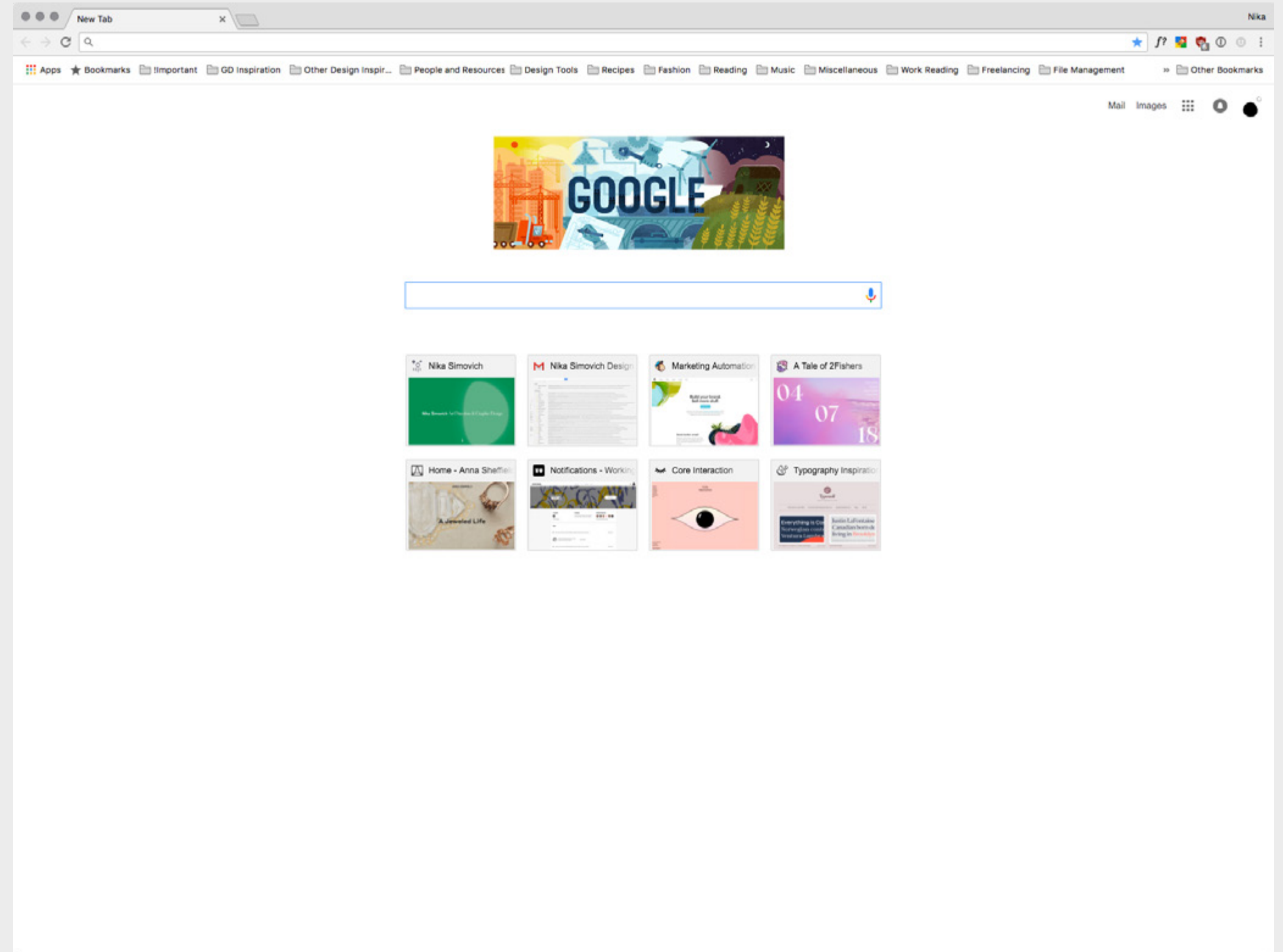A collection of some of my old cell phones

My first cell phone

Iphone 6 plus

What is the primary use of these devices?

Google Chrome on phone

Google Chrome on desktop

Responsive web design replaced having a totally separate mobile experience.

Responsive Web Design