

Women Shaping Technology

November 2014

FIVE GREAT SURGES OF DEVELOPMENT IN 240 YEARS

driven by successive technological revolutions

1771

The 'Industrial Revolution' (machines, factories and canals)

1829

Age of Steam, Coal, Iron and Railways

1875

Age of Steel and Heavy Engineering (electrical, chemical, civil, naval)

1908

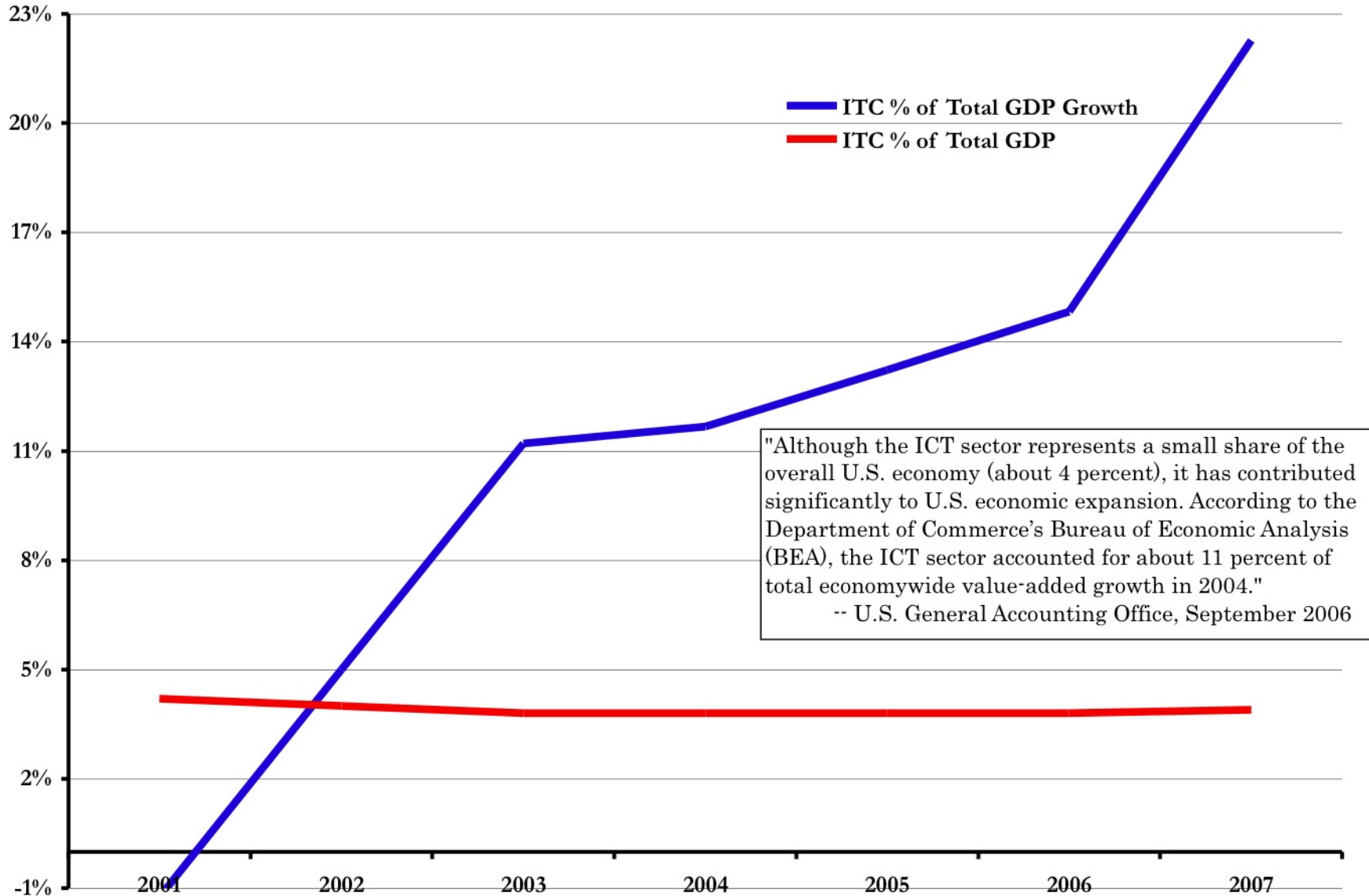
Age of the Automobile, Oil, Petrochemicals and Mass Production

1971

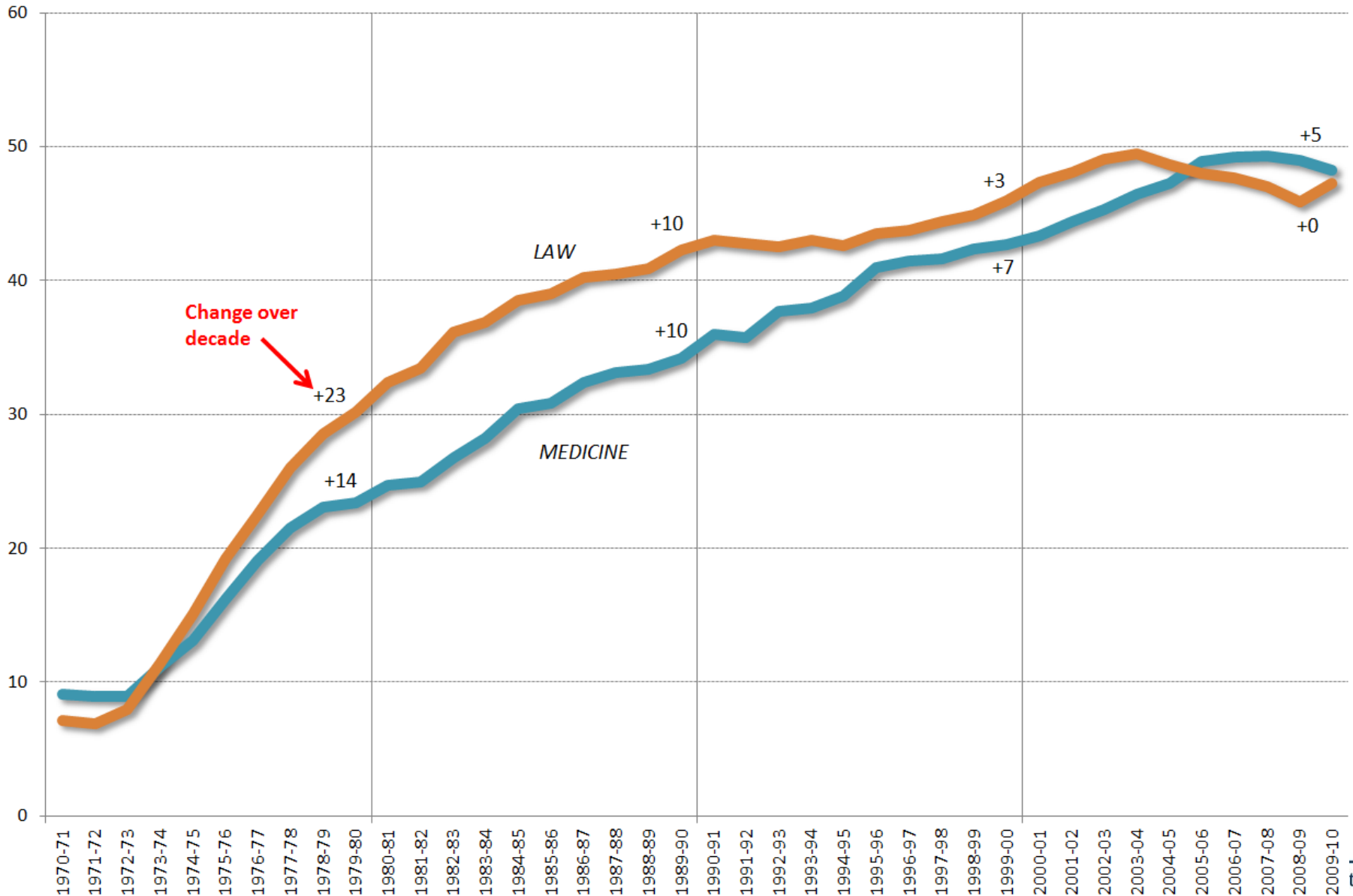
Age of Information Technology and Telecommunications

Information, Technology and Communications (ITC) Industries Contribution to the US Economy:

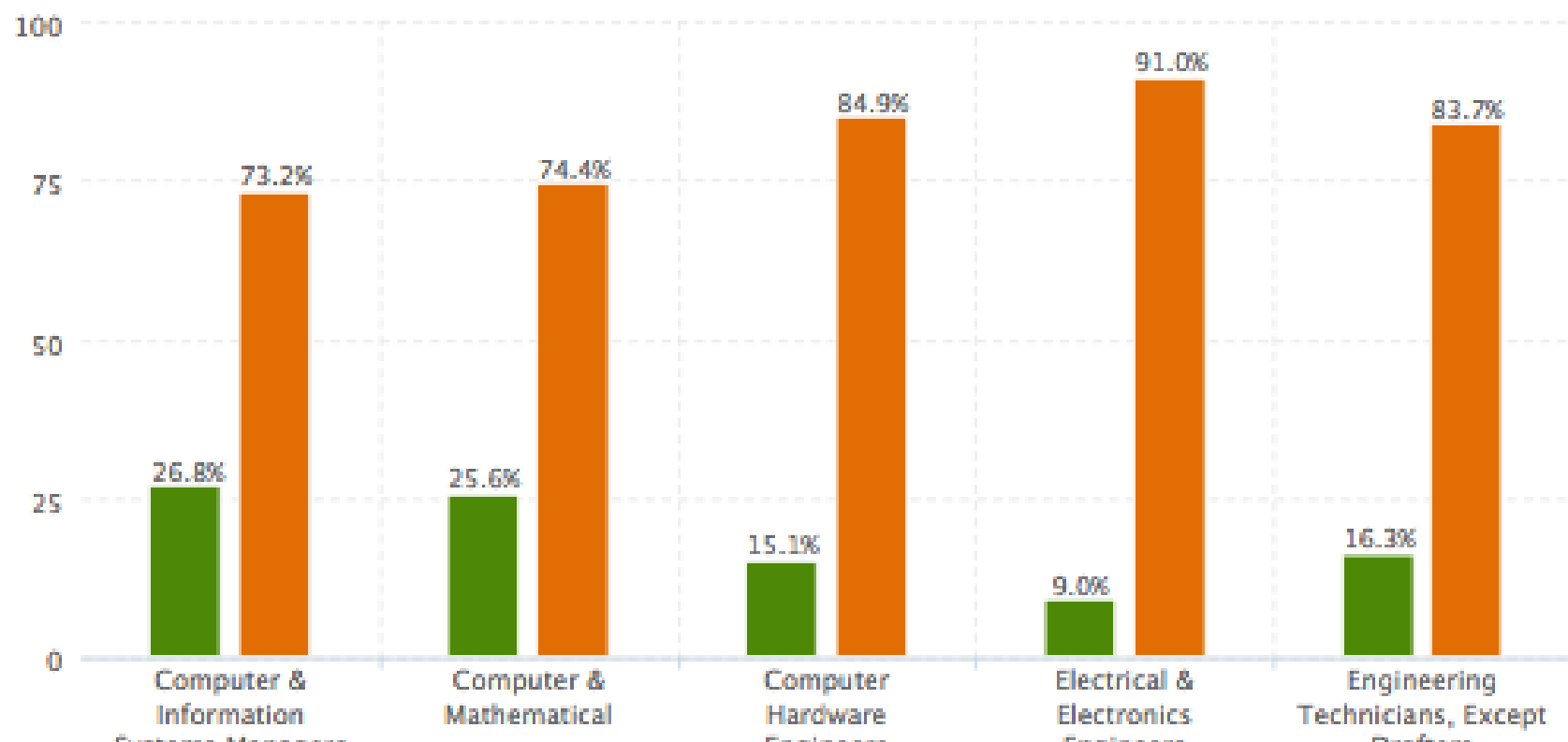
ITC's Percentage of Total Gross Domestic Product (GDP) and GDP Growth



Women as percentage of law and medical degree earners, 1971-2010



Women and Men Employed in Select High Tech Occupations in the U.S., 2012



In 1985, **37%** of computer science were earned by women. In 2011, **18%**.



At Pinterest, valued near \$3.8 billion, had a 70% female user base at the end of 2013 –

And a 100% male board of directors.

Google, Facebook and Twitter all went public with all-male boards.

1. Mixed Gender work teams have higher IQs
2. Mixed Gender teams shown to be more innovative, creative and productive.
3. Diversity in senior management promotes diversity in the work force.

Women represent less than
10% of the venture capitalists...

Venture capitalists fund people they
know...Therefore...

Women launch less than
10% of the tech start-ups...

--Kauffman Foundation

Steps You Can Take Today

1. Support women entrepreneurs.
2. Push for family-friendly policies and benefits in tech workplaces and beyond.
3. Press for women to take their place on boards of directors and leadership positions.