

# Berkman Center Broadband Study

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# Three Areas to Discuss

- Econometric and data issues
- Global broadband rankings
- Natural experiments in U.S. broadband

# Global Broadband Race

TABLE 1. BROADBAND SUBSCRIPTIONS PER 100 HOUSEHOLDS (1<sup>ST</sup> QUARTER 2009)

<i>Country</i>	<i>Rank</i>	<i>HHs</i>	<i>BB Subs</i>	<i>Penetration Rate</i>
USA	1	118,158,509	83,968,547	71.1
France	2	25,623,117	18,009,500	70.3
UK	3	25,463,833	17,661,100	69.3
Japan	4	45,385,243	30,631,900	67.4
Germany	5	37,422,617	24,144,350	64.5

# Three Broadband Regimes

<i>Period</i>	<i>Cable Modems</i>	<i>Telecoms/DSL</i>

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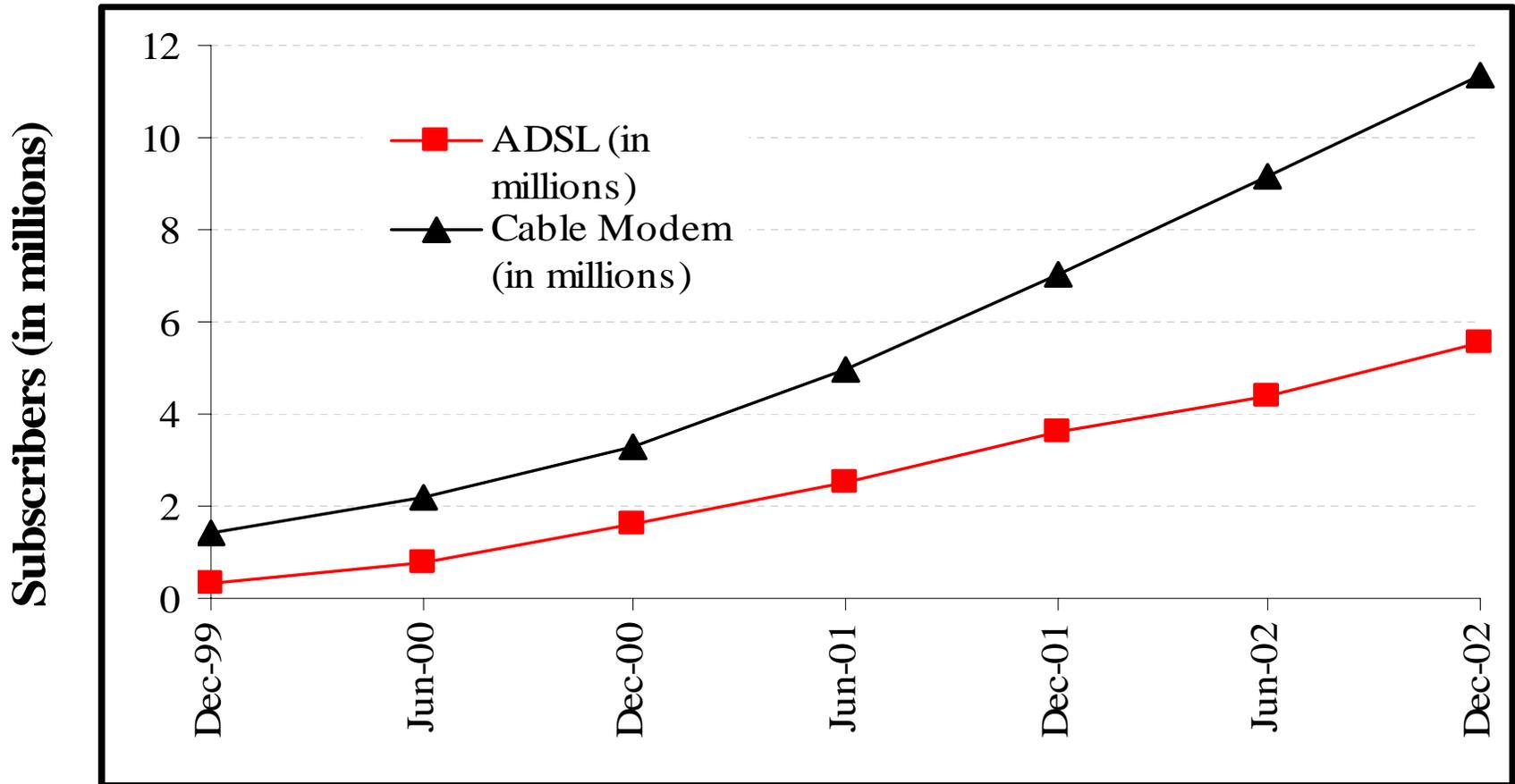
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3Q2005 to present	unregulated	deregulated

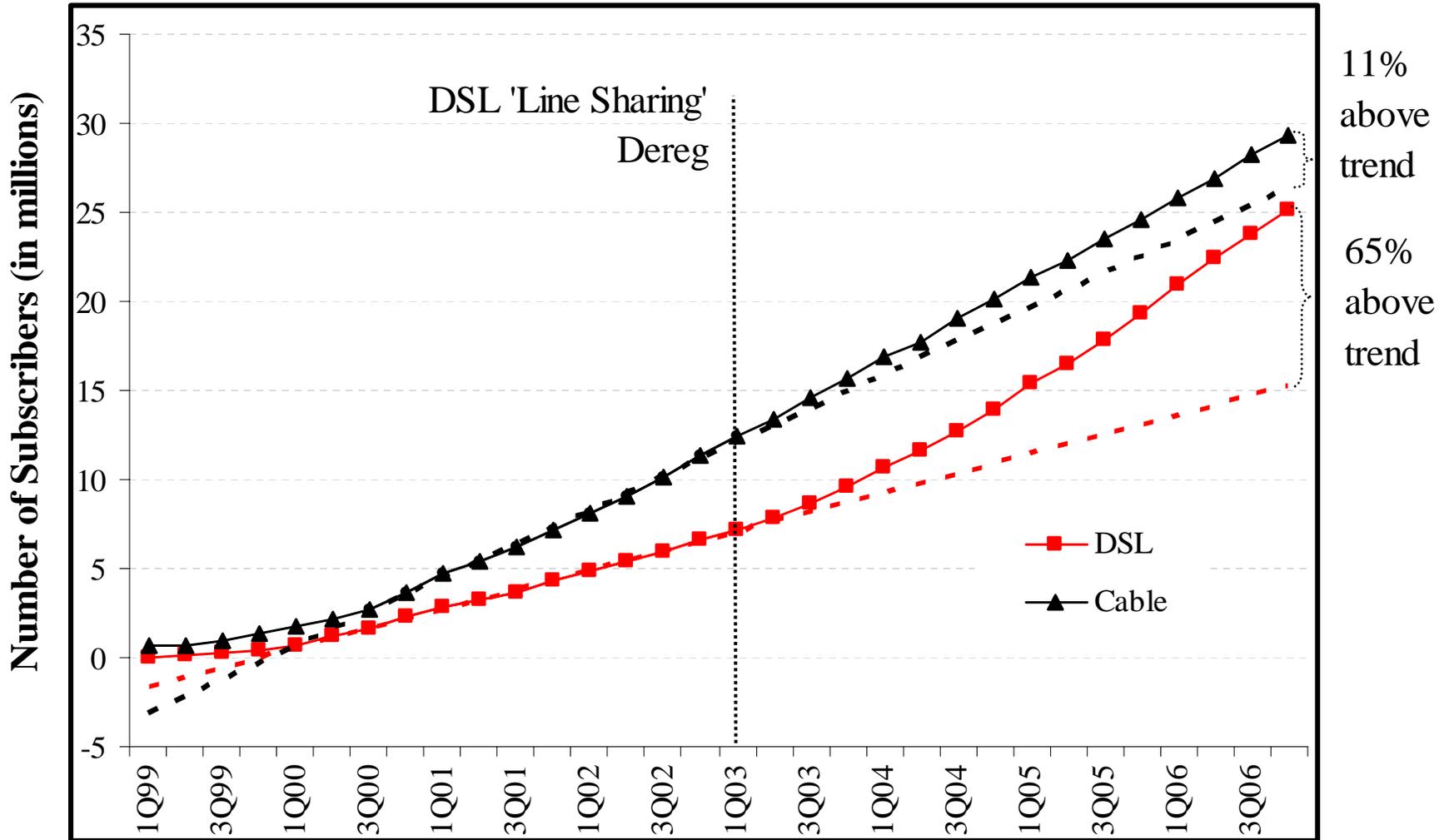
# 1<sup>st</sup> Period: Cable Dominates



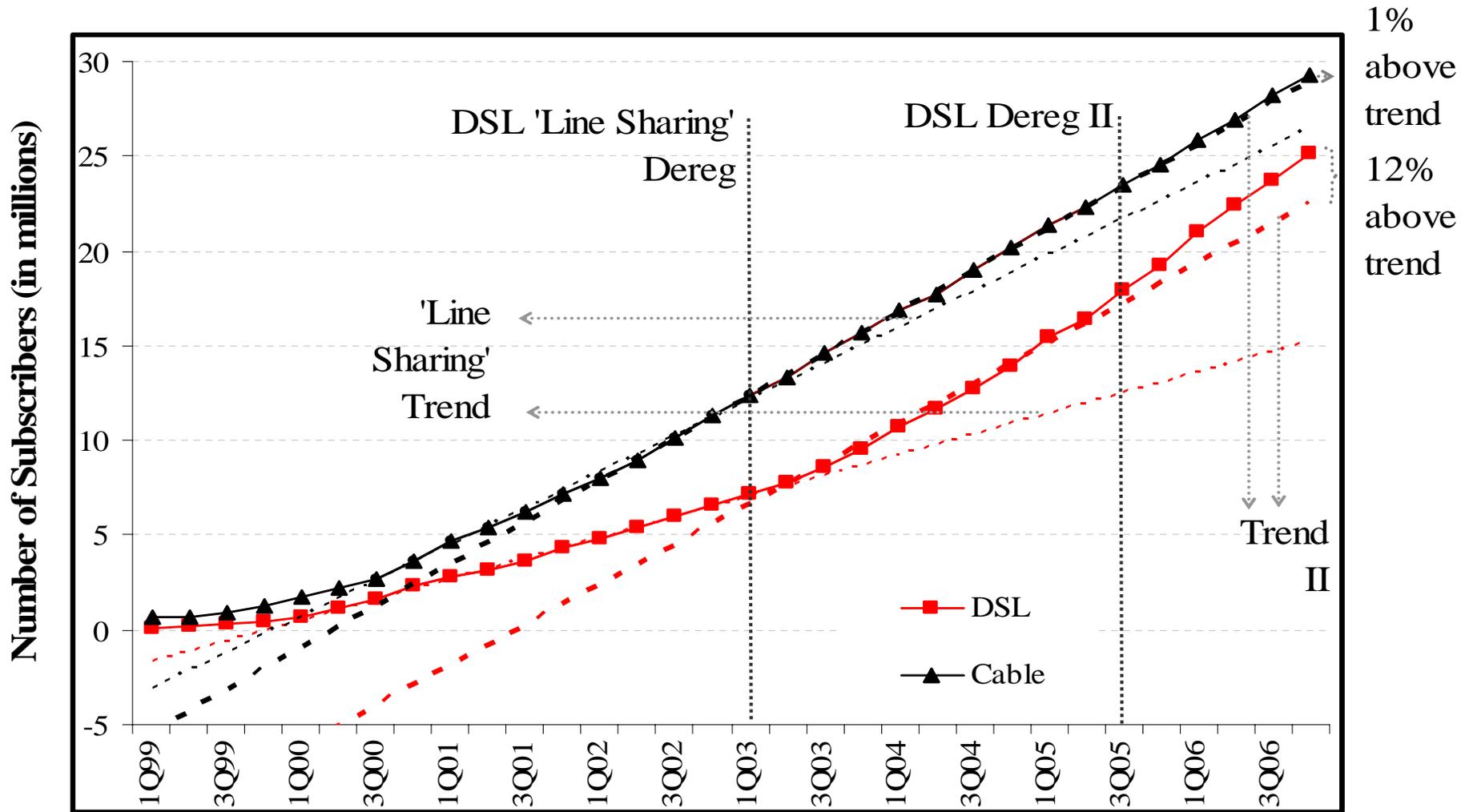
# Causality asserted by the FCC

- “[W]e don't have a duopoly in broadband. We don't even have a monopoly in broadband. We have a ‘no-opoly.’”
- “So how do we get Americans broadband pipes? .. [B]y letting a competitive marketplace thrive.”
  - FCC Chairman William E. Kennard (No. Calif. FCBA, San Francisco, CA, July 20, 1999)
- and rejecting “open access” rules

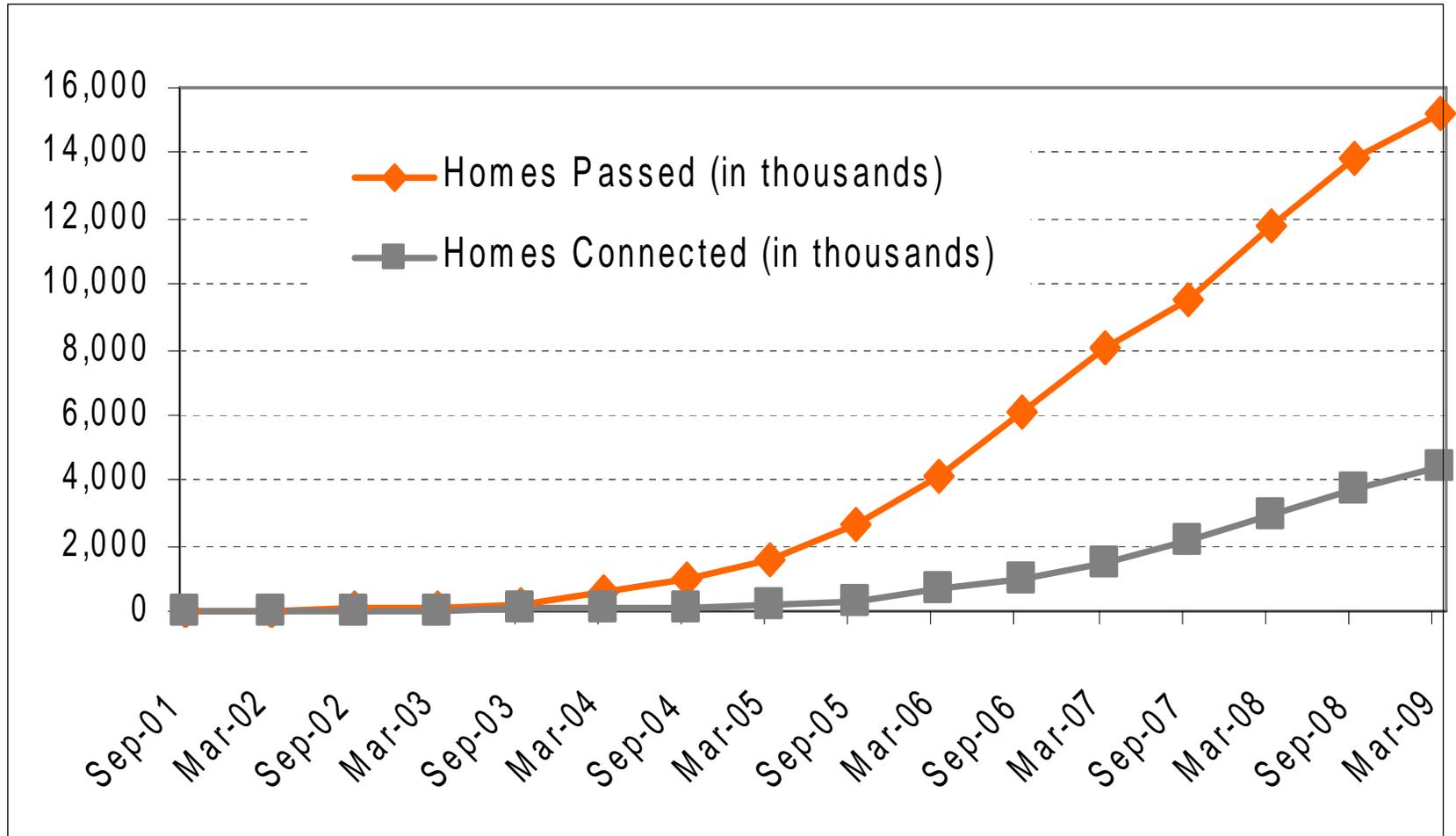
# 2<sup>nd</sup> Period: DSL Surges



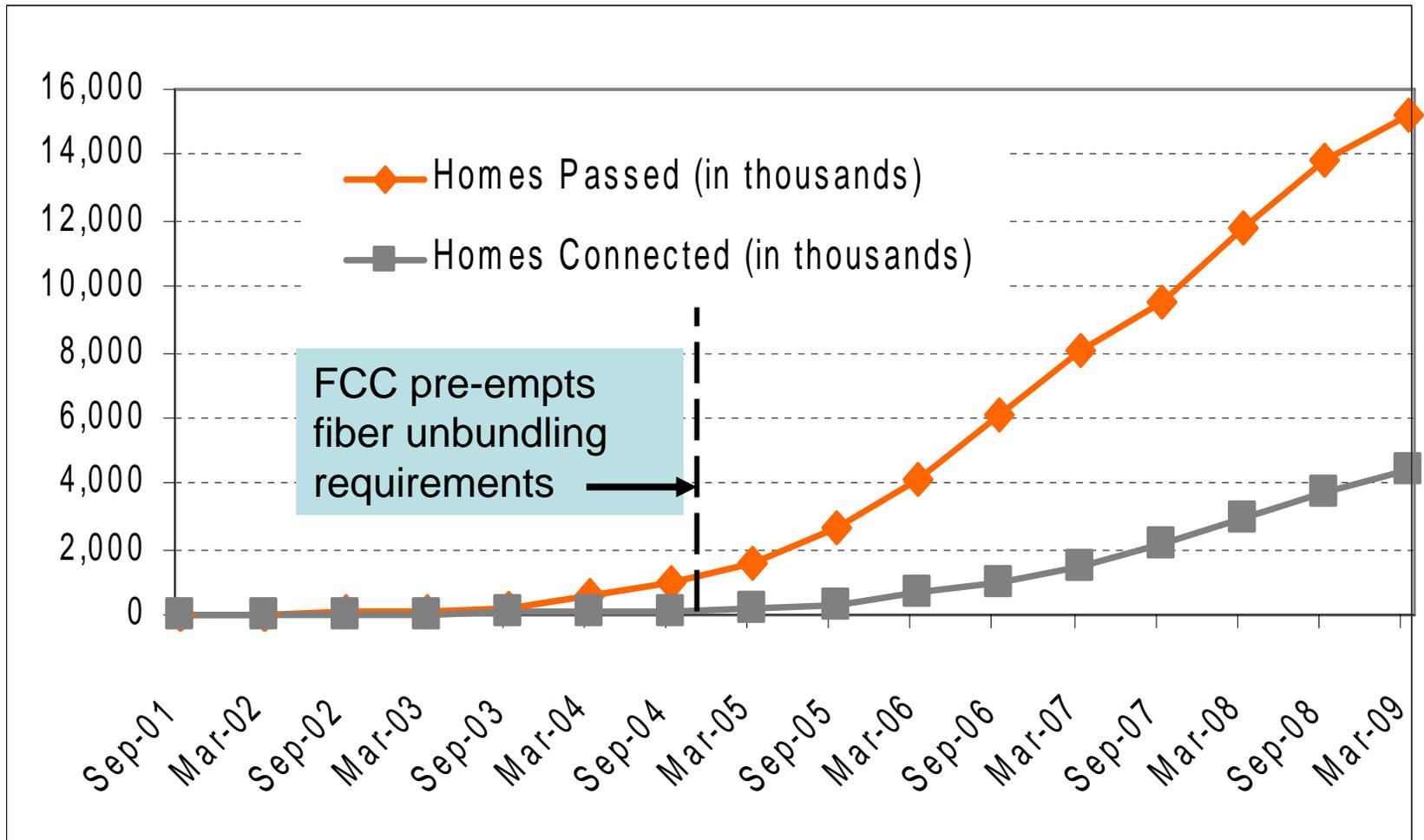
# 3<sup>rd</sup> Period: DSL Surges Again



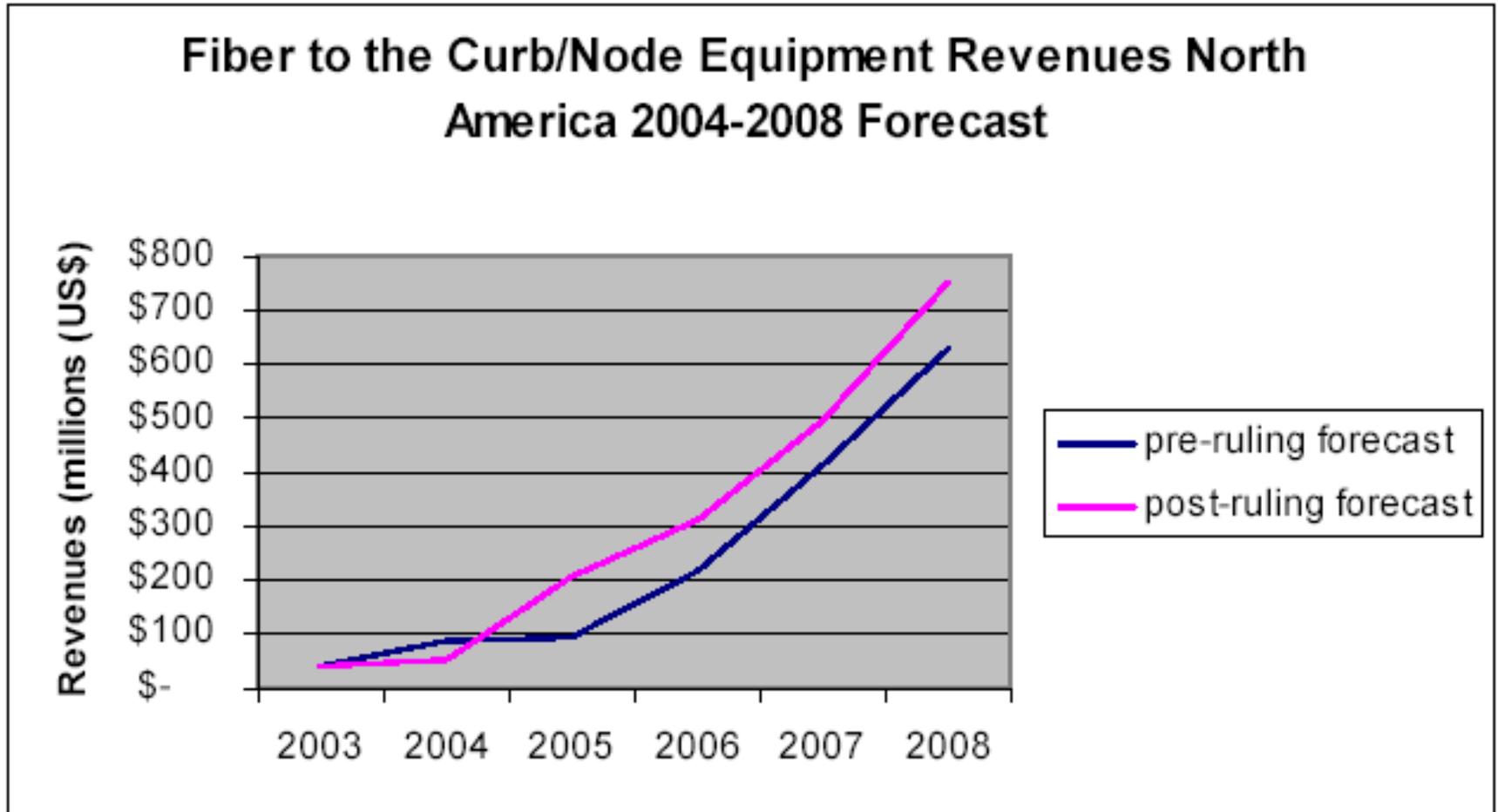
# FTTH Deployment in USA



# Pre- and Post-Deregulation



# Causality ascribed



Thank you.