

# State Broadband Data and Development Grant Program

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Develop and maintain national broadband map

- State broadband maps as well

Broadband planning eligible (\$500k/project)

Single entity per state to gather data

\$240 million available in this round of total \$350 million

20% non-federal match

Timing

- Substantially complete availability data by Nov. 1
- Substantially complete full project by Feb. 1, 2010

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Data to be gathered – at street address level:

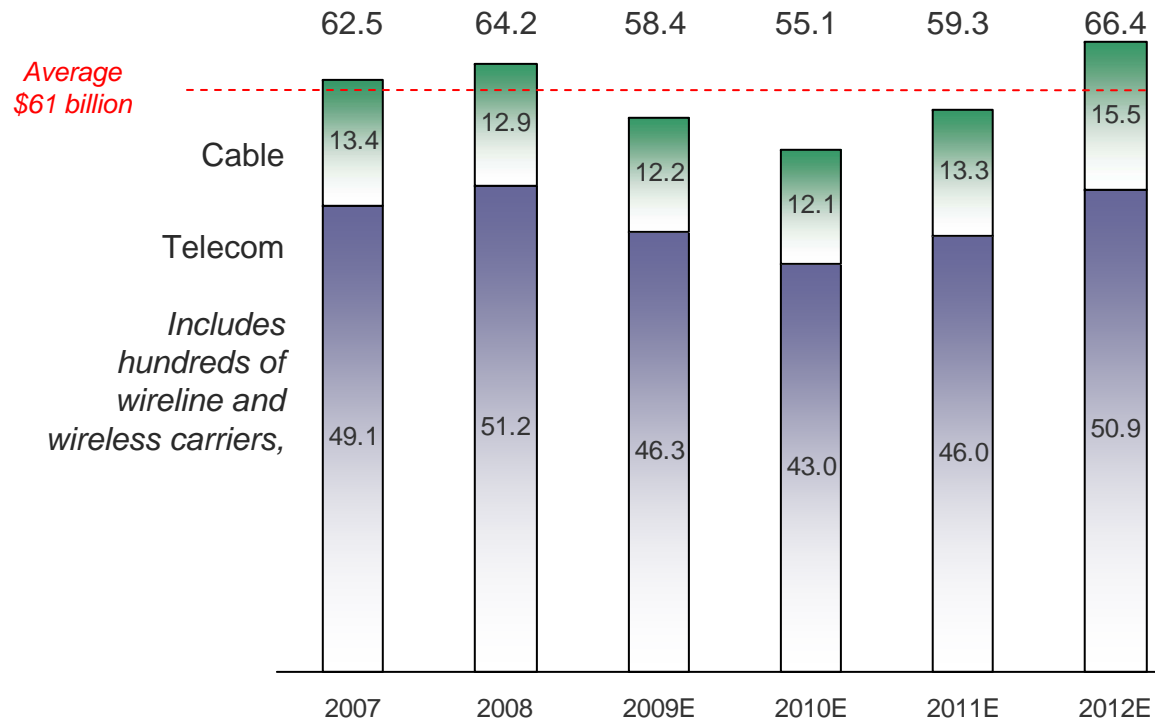
- Broadband availability
- Technology
- Infrastructure
  - Aggregation points
  - Interconnection points
- Speeds
- Average Revenue per User (ARPU)

Confidentiality requirements

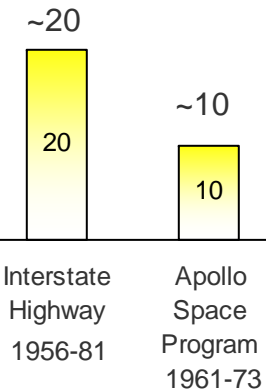
- NTIA access to data

# Carriers Spend \$60 Billion a Year on Competing Next Gen Networks

U.S. Carrier Capital Expenditures (\$ billions)



Major Government Program Annual Spending (\$ billions, 2006)

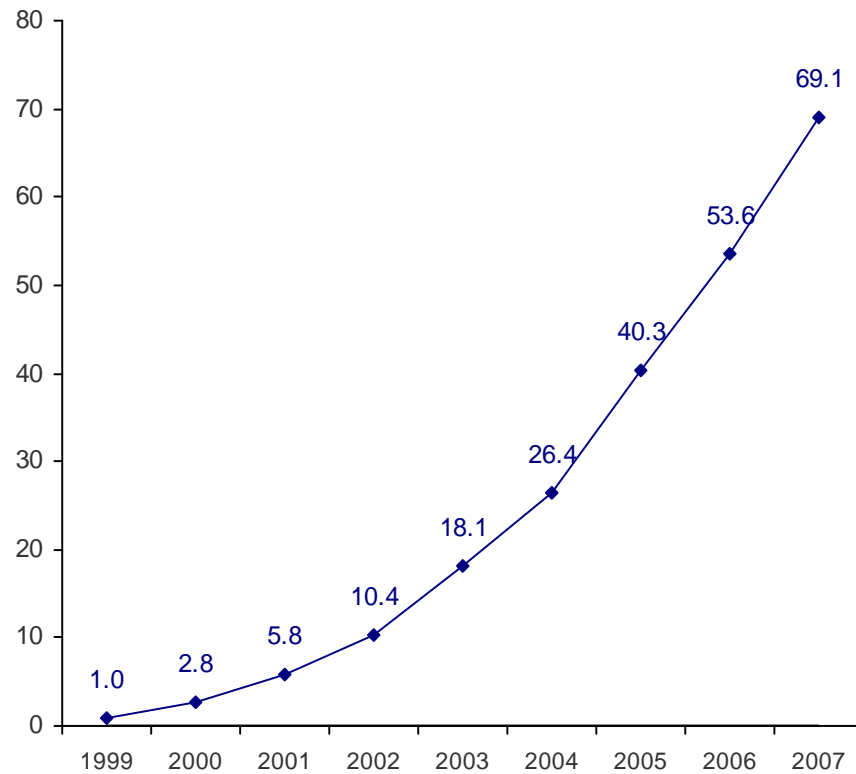


Source: Yankee Group Research, Inc. © Copyright 1997-2009. Yankee Group Research, Inc. All rights reserved. Data are in nominal dollars.

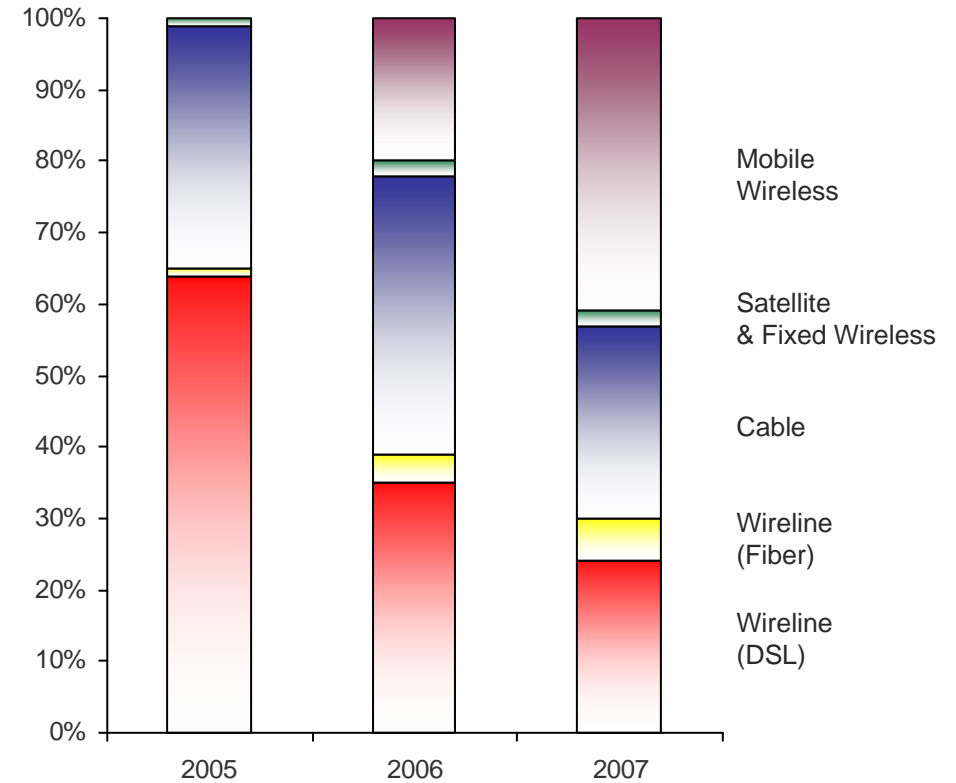
Source: USTelecom Analysis

# Consumer Broadband Growth Increasingly Driven by New Technologies

U.S. Residential\* Broadband Subscribers (Millions)



% of Residential Subscribers Added Per Period



Source: FCC. Most recent data are for December 2007. \* We use FCC's most restrictive definition of broadband, i.e., "advanced services" > 200 kbps upstream and downstream.

# Wireline Broadband Prices Falling, Speeds Rising, Options Proliferating

## Weighted Average Monthly Prices for Top 5 ILEC Wireline Broadband Services

Year	Maximum Advertised Price by Downstream Speed Tier					
	Up to 768 kbps	768 kbps -1.5 mbps	Up to 3.0 mbps	Up to 7.0 mbps	Up to 15 mbps	Up to 30 mbps
2001	*	\$50	n/a	n/a	n/a	n/a
2002	\$28	\$32	*	n/a	n/a	n/a
2003	\$28	\$30	*	n/a	n/a	n/a
2004	\$30	\$33	\$46	*	*	n/a
2005	\$20	\$27	\$33	\$39	*	*
2006	\$20	\$23	\$28	\$36	*	*
2007	\$18	\$25	\$28	\$39	\$51	*

- **The price of a basic wireline broadband connection has fallen by at least half since 2001**
- **Consumers today can get at least 10 to 20 times the speed today for the same ~\$50 spent in 2001**
- **Consumers have many more choices today—both higher and lower speed offerings and more flexible options—compared to earlier this decade**

Sources: Company data, press releases, and USTelecom analysis. For details on methodology, see our website at [www.ustelecom.org](http://www.ustelecom.org)

n/a = service not available

\* = insufficient data, fewer than two reporting carriers and less than one-third of access lines represented

# Key Issues

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Confidentiality

Timeliness

Deployment

- Focus on identifying unserved and underserved areas

Adoption

- Focus on identifying low-adoption areas
- What works to minimize barriers and increase adoption

Sources of data

- Surveys, studies, tests, providers