



Federal
Communications
Commission

Session 5.2

The Future of Broadband Measurement: A Discussion of the Metrics Checklist

Eric Ralph
Federal Communications Commission
United States



Federal
Communications
Commission

Why price?

**To compare competitive & regulatory
performance**

But collection Sisyphean—
bandwidth, capacity, overage, commitment,
TV/phone...

& useless without usage
Hidden tariffs!



Federal
Communications
Commission

What to do?

Apply usage profile to price?

Problematic—price determines profile

⇒ All countries cheapest

Compare standard price packages

Works sometimes—all-you-can-eat

But generally requires usage profile





Federal
Communications
Commission

Comparing performance

Usage

Usage metering (sample/provider census)

Service counts (provider census)

Quality monitoring (samples)

Expenditure (provider census)

All for fine geographic units



Federal
Communications
Commission

Gauging competition & regulatory policies

Barriers to entry

Duct sharing? Spare duct capacity?

Overhead cabling?

Rights of way?

Regulatory interventions

Facility-sharing

Competitive facilities

All for fine geographic units



**Federal
Communications
Commission**

Thanks!