



Public Schools of North Carolina

# NCET Update

DPI / Connectivity

<http://www.ncpublicschools.org/connectivity/>



# NCWISE Update

- Server Updates
  - Summer 2010
- Software Updates
  - Fall / Winter 2010
- Temp Fix and Usage
  - jvm.dll File Change Out
  - Chris from Edgecome Zip File
  - <http://tinyurl.com/ncwise-fix>



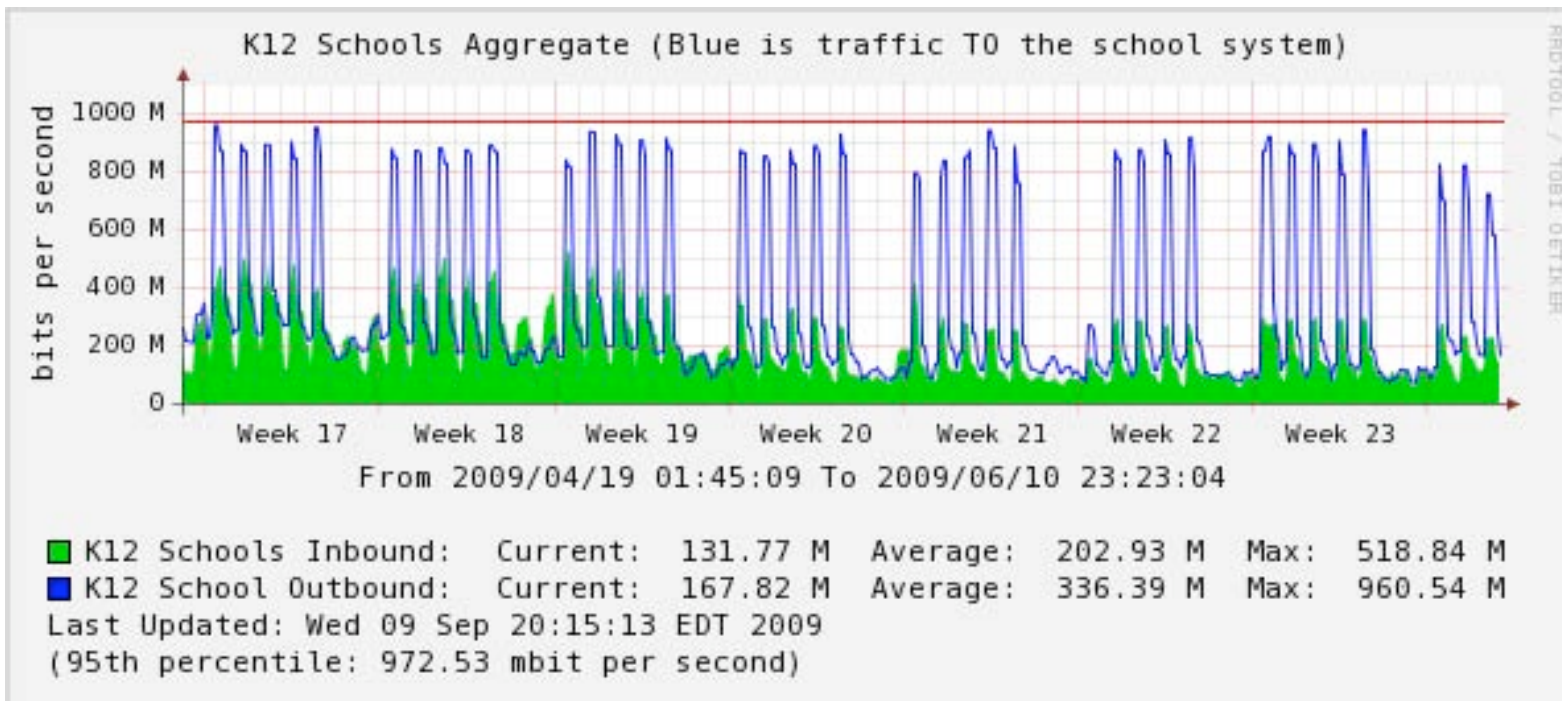
# 100% Connected



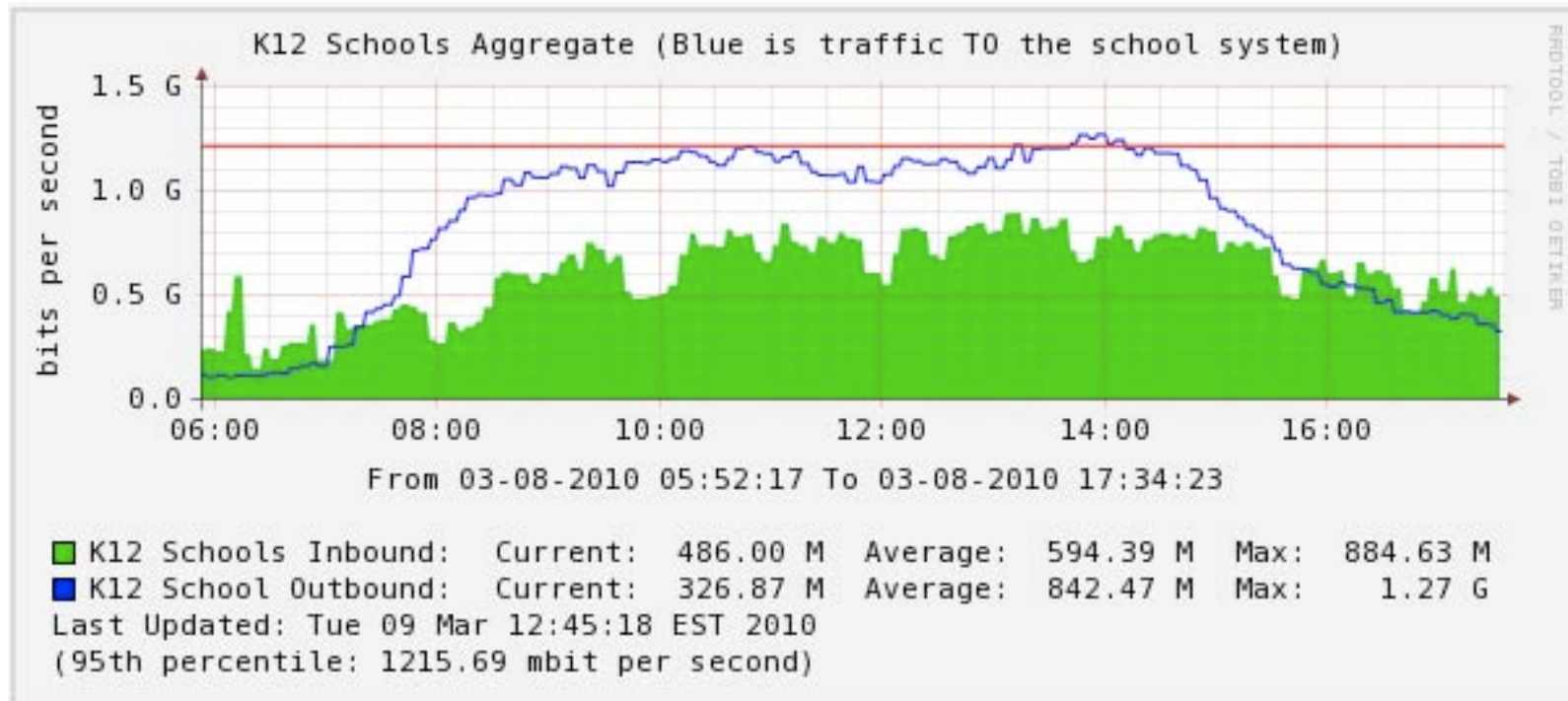
- All 115 Connected
- Several Different Ways Connected
- All Traffic over State Connection
- State Traffic Only
- Load Balanced Internet State Traffic



# End of Last Year

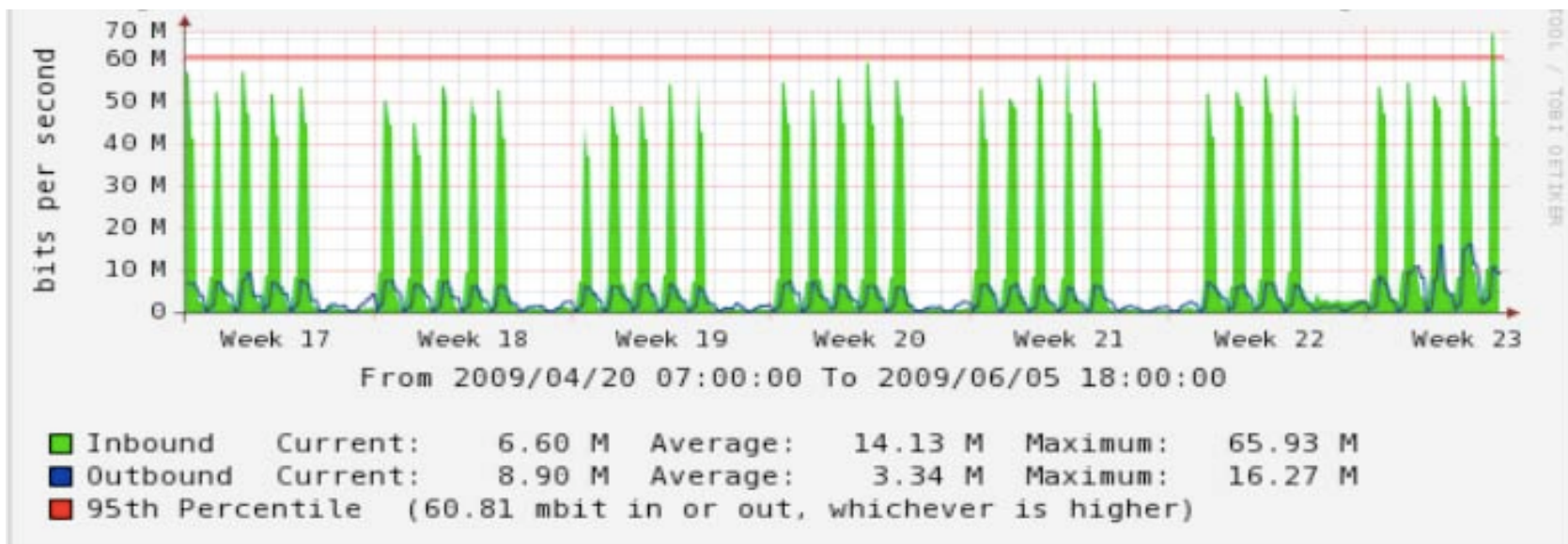


# This Year - Daily Average



# Additional Bandwidth

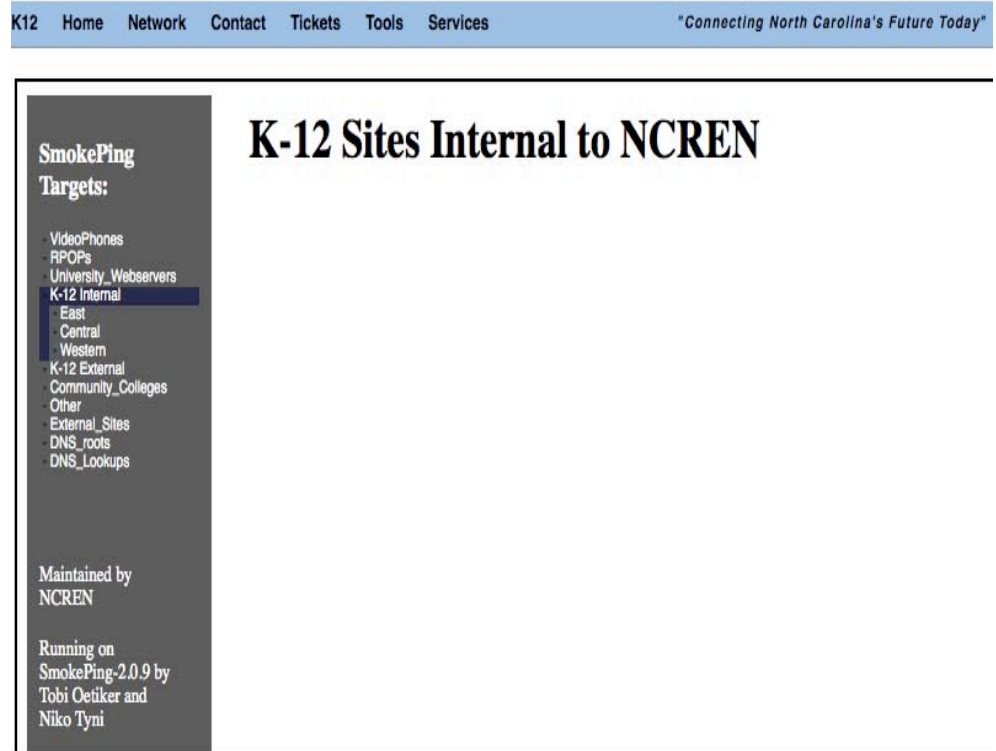
- DPI Connectivity Services Reviews Status of Connections Each Month
- 60% in the 95<sup>th</sup> Percentile



# So How Much Are You Using?

## EdSpace

- Latency and Bandwidth Graphs
- NCREN Tickets
- CNE Tickets
- DPI Connectivity Website for Directions



K12 Home Network Contact Tickets Tools Services "Connecting North Carolina's Future Today"

### SmokePing Targets:

- VideoPhones
- RPOPs
- University\_Webservers
- K-12 Internal
  - East
  - Central
  - Western
- K-12 External
- Community\_Colleges
- Other
- External\_Sites
- DNS\_roots
- DNS\_Lookups

Maintained by NCREN

Running on SmokePing-2.0.9 by Tobi Oetiker and Niko Tyni

## K-12 Sites Internal to NCREN



# Shared Services Task Force

- Ed Chase and Neill Kimrey Chairs
- Building Information and Collaboration
- School Districts / MCNC / DPI
- Bring Information To The Schools Districts



# Upcoming Information

- BTOP
  - MCNC Awarded
  - Help Assist in the State Network and Infrastructure
- Race to the Top
  - Pass First Cuts, Last Week
  - North Carolina One of Few



# Additional Connectivity Info

<http://www.ncpublicschools.org/connectivity/>

- Constant Adding Info
- Connectivity Presentations
- Connecting to EdSpace
- Funding / Code Information
- State IT Contracts
- Staff Directory / Contacts
- FAQ

PUBLIC SCHOOLS OF NORTH CAROLINA State Board of Education | Department of Public Instruction

## CONNECTIVITY SERVICES

CALENDAR QUICK LINKS

### CONNECTIVITY SERVICES

**MISSION** ::The School Connectivity Program is the culmination of several years of vision surrounding the 21st century classroom, and developing a North Carolina workforce poised to meet the challenge of a global economy. The North Carolina Department of Public Instruction is proud to be the sponsor of this collaborative effort. Through a partnership between MCNC, Friday Institute, ITS and DPI the North Carolina Research Education Network (NCREN) has been extended to the K-12 community of schools. All districts in North Carolina now have a high speed direct connection to this robust education networking infrastructure. Recurring funding has been allocated from the General Assembly to support this effort. These funds shall be used for broadband access, equipment, and support services that create, improve, and sustain equity of access for instructional opportunities for public school students and educators.

**UPCOMING EVENTS**

> Printer Friendly Version

DPI HOME ABOUT DPI STATE OF NC DIRECTIONS LEGAL NOTICES NC OPENBOOK CONTACTS

