

Date: 05/23/2016

Subject: *DTC* - Technology Update 05/23/2016

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Dear District Technology Coordinator:

This technology update contains information related to the following topics:

- ACCESS: New DRC Insight and TSM features for 2017
- CMAS: TestNav proposed support changes for 2017
- CMAS: Colorado OS/Browser/App Usage data for the PARCC Spring 2016 Administration

ACCESS: New Insight and TSM features for 2017

Here are a few improvements that DRC is working on to improve ACCESS 2.0 testing:

- TSM Scalability
 - 64-bit JVM, requires 64-bit OS and dedicated machine
 - Requires a reinstall
 - Ability to take advantage of additional Memory/Processor if available
 - Ability for load balance multiple TSMs
- Removal of Response Caching
 - Responses will go directly from test client to DRC
 - Remove dependency between client and TSM
 - Remove 15 minute sending dependency
 - More flexibility when going back into a started test session
 - Continue testing will not requiring response to be cleared by DRC Customer Service
 - Enhancement to how speaking response are processed and sent to DRC
- Improved Content Management
 - Enhanced verification and retries of downloads
 - Ad hoc content verification and correction
 - Additional logging of download issues for improved troubleshooting
 - Configure multiple TSM's for content retrieval in DTK
 - Content hosted securely in cloud
- Enhanced Error Messaging
 - More student friendly error messages – so they don't feel they did something wrong
 - Consistent end-of-test messages
 - More specific messages on the problem encountered
 - Improved troubleshooting information for site and DRC Customer Support

CMAS: Test Nav support for 2017

Here are Pearson's proposed changes for TestNav 8.0:

- Pearson's proposed additional support for TestNav
 - Windows Touchscreen Hardware
 - ChromeOS Touchscreen Hardware
 - Assistive Technology on TestNav Desktop Hardware
 - Ubuntu 16.04 Operating System
 - Fedora 23 Operating System
 - Firefox 45 ESR 32-bit (Extended Support Release) Browser

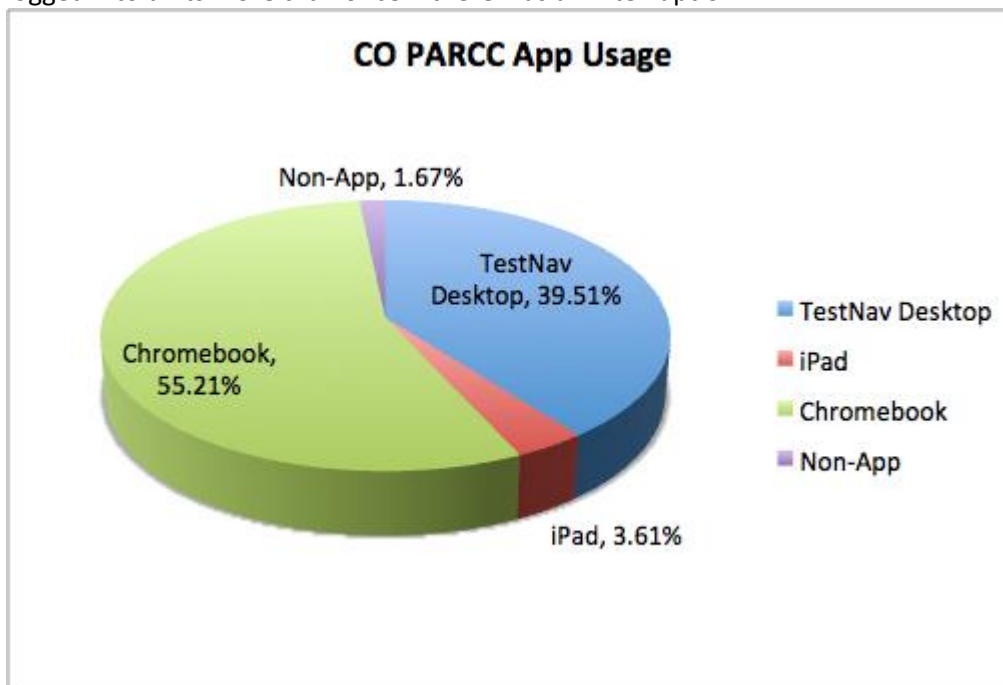
- Pearson's proposed removal of support for TestNav.
 - iPad 2-512MB Ram Hardware
 - Fedora 22 Operating System and below
 - Ubuntu 12.04 Operating System
 - Mac OS X 10.7 and 10.8 Operating System
 - Windows 8.0 Operating System
 - iOS 9.2 Operating System and below
 - Internet Explorer 11 Browser
 - All Safari Browser Versions
 - Firefox Browser 44 and below

CDE would like your feedback on these proposed support changes so that we can advocate for our districts during the summer meetings with PARCC and Pearson. Please take a moment to fill out this brief survey to indicate the changes that impact your district the most.

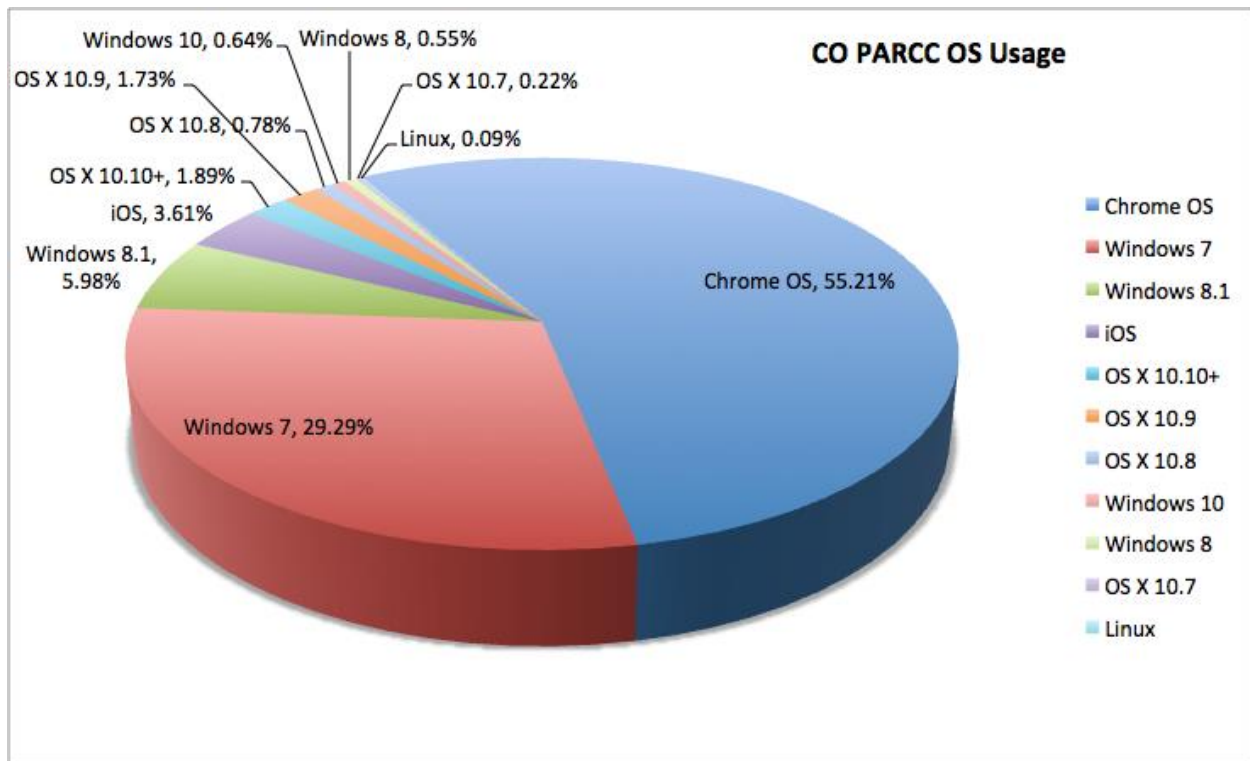
<https://www.surveymonkey.com/r/5FQWP6H>

CMAS: Colorado OS/Browser/App Usage data for the PARCC Spring 2016 Administration

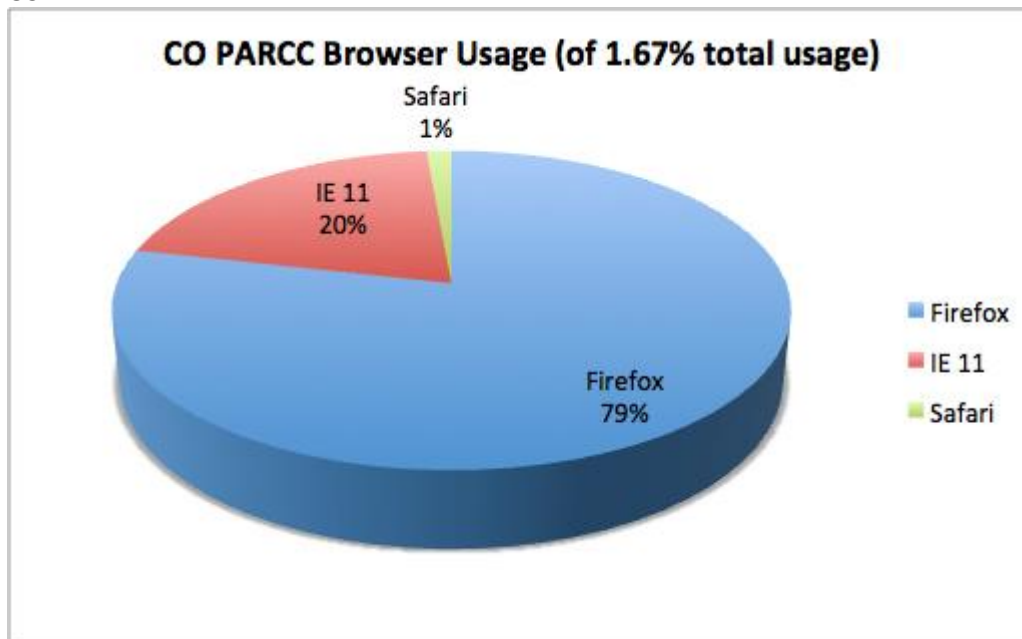
Below is Colorado's OS/Browser/App Usage data for the spring PARCC testing. These numbers are taken from user agent strings that are reported when a student logs into TN. This is based on all TestNav logins for Colorado on PARCC tests, which there were about 2.6 million. For context, Colorado has 773k tests completed and there were 3 units on most tests and 4 units on some others. Some students may have logged into units more than once if there was an interruption.



This graph shows that over 98% of test were taken using a TN app and less than 2% of tests were taken using a browser based TN solution.



Over 55% of the PARCC tests were taken on a chrome OS with 29% of tests were taken on a Windows 7 OS.



This graph shows that within the small number of test administered using a browser based TN solution, a majority used Firefox with

If you have any questions, please contact Collin Bonner, Bonner_C@cde.state.co.us

Thank you,
Collin

