

Technology Expo at the 2016 NAC Spring Meeting

	Technology	Description	Experts
D a y 1	COMPASS	The COMPASS application is being fielded for the 2016 Census Test to collect person interview responses from households not responding to Internet self-response or printed paper Census questionnaires. The COMPASS will also collect time and expense data and enumeration work availability to optimize case assignments.	Brian De Vos - Automation Coordination Branch Chief Terri Long - Integrated Partnership & Communications
	MOJO	MOJO is an operations control system to control field operations for the 2016 Census Test. MOJO makes daily systematic assignments to enumerators based on sophisticated algorithms with the goal of minimizing the time and expense of the operation. Additionally MOJO provides indicators to its users when a situation requires special attention via a system of alerts.	Jay M. Occhiogrosso
	PRIMUS	Primus is the Survey Instrument used in the 2016 Census Test for Internet Self Response. Primus is responsively designed for seamless use on most devices. It is available in multiple languages, and utilizes client side caching to provide the speed and efficiency needed for internet data collection as we move towards the 2020 census.	Scott O'neal - Lead Primus Developer; Application Development and Services Division Kristen Hughes - Primus Product Development; Self Enumeration Branch. Jason Reese - Primus Product Development; Self Enumeration Branch Chief Jennifer Kim - Content, Language, and Data Products Branch Chief
D a y 2	GUPS	The Geographic Update Partnership Software (GUPS) is a customized desktop GIS platform that has been augmented with specialized tools specifically designed to assist our external geographic partners in generating data to return to the Census Bureau as part of our geographic partnership programs (such as BAS, LUCA, SDRP). The benefits of providing GUPS to our local partners include: <ul style="list-style-type: none"> •Allows partners who do not have their own GIS to still return data to us digitally (not submit by paper) •Provides customized tools that are not present in a standard GIS. These tools are tuned to allow the participant to quickly and easily generate return materials without spending as much time worrying about the formatting requirements of their return files. •QC checks are integrated into the GUPS, so when a partner makes a change they can be more certain that it meets our specifications. •GUPS returns follow a standardized format, which allows us to process those returned files more quickly using automated procedures. 	Chris Wingate - Geographer, Spatial Data Collection and Products Branch Jennie Karalewich - Lead Redistricting Program Specialist, Census Redistricting & Voting Rights Data Office, Decennial Census
	BARCA	In-Office Address Canvassing (IOAC) is a multi-step project that will assess the accuracy and completeness of addresses and related information in the Geography Division's (GEO) Master Address File (MAF) to help ensure a complete and correct 2020 census count. The Block Assessment, Research, and Classification Application (BARCA) is an interactive review tool that allows reviewers to assess blocks for change and coverage issues.	John Pollicino - Geographer, Spatial Data Update Branch