

PRESENTATION PROPOSAL

MORE THAN A MAP: HOW GOVERNMENT AGENCIES ARE COLLABORATING ON
GEOGRAPHIC INFORMATION FOR BETTER PUBLIC SERVICES

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Presentation Title:	Utilization of GIS in Family PACT, California's Family Planning Program
Abstract:	<p>Geographic Information System (GIS) is utilized in public health for topics such as disease surveillance and air quality assessment, but its utility in family planning program monitoring and evaluation may not be immediately apparent. Family PACT is California's fee-for-service family planning program serving over 1.6 million residents annually. The UCSF program monitoring and evaluation team employs various techniques to monitor contraceptive provision, recommend targeted interventions, and assess outcomes. One technique includes the utilization of GIS to analyze and report on administrative data. Nearly all of the program's administrative data has a 'spatial' component such as point locations for provider addresses and geographic boundaries of client zip codes. We will present several examples how GIS has been used with Family PACT data to create maps for presentation as well as spatial query and analysis for reporting. As GIS technology has become more accessible to family planning researchers, the utility and value of cartography, spatial query/analysis is clearer. Much potential exists for further geospatial analysis of Family PACT data. Challenges towards GIS integration have included lack of precedence/established applications of GIS within the context of publicly funded family planning services, limited availability of resources, and limited collaboration and collaborative resources.</p>