Communicating CRP Performance Using Geovisualization Tools: Theoretical Discussion and Examples

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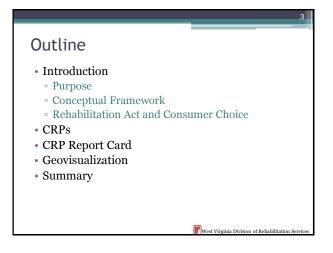
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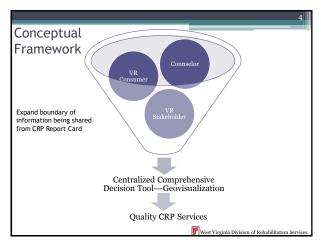
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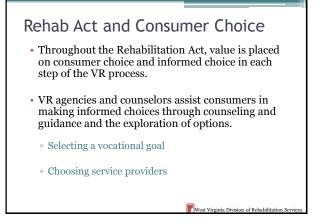


Purpose

- Theoretical Discussion and Examples
 - Geovisualization tools in communicating CRP performance







The Rehabilitation Act

VR Requirements

- Consumers must be active and full partners in the VR process, making meaningful and informed choices
- Provide or assist eligible individuals in acquiring information that enables informed choice throughout the VR process
- Evaluate and promote consumer satisfaction

• Increased choice

- Self-determination
- Sen-determination
- Greater autonomy, empowerment
- · Higher levels of satisfaction

West Virginia Division of Rehabilitation Service

Community Rehabilitation Programs

• Community Rehabilitation Programs (CRPs) are programs throughout West Virginia that provide services that integrate individuals with disabilities into the local workforce. The West Virginia Division of Rehabilitation Services (WVDRS), as the state's federally authorized vocational rehabilitation provider, directs its clients to these independently operated CRPs.

Acknowledgement Process for CRP Vendors

- Due to the rural nature of West Virginia, the Division would have to think outside of the box in order to expand services into local communities.
- So when a set of standards was being developed for CRP vendors, the Division knew it would need to be a realistic and feasible process that assured quality services.

West Virginia Division of Rehabilitation Services



- The Division set up statewide meetings to obtain feedback regarding how to improve current relationships with our CRP providers.
 The Division met with CRP staff and WVDRS staff from around the state.
- Determined that without a change in fee structure and process, the services could not be provided as the fees did not reimburse for actual costs.
- Changes were made to the fee structure, training was completed.
- Grant opportunities were provided via WVDRS and ARRA monies.
- During the first year of implementation of the new fees and process, information regarding CRP standards in various states was reviewed.
- WV needed to allow sole proprietor vendors.
 CARF Accreditation for all could not be an option.
- CARF Accreditation for all could not be an option.
 Standards have been developed and implementation to begin this
- coming FY.

CRP Grant Creativity that Contributed to Expansion

- · Formation of integrated employment sites.
 - Tile and Grout Cleaning
 - Window Cleaning
- Food Service/Training
- Fiberglass Packaging
- Greenhouse
- Window Assembly
- Documentation Destruction
- Document Microfilming
- Engraving
- Student Transition to Employment Project (STEP)

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CRP Evaluation- Report Card WVDRS CRP Standards CRP Program Evaluation Requirements Now that the fees/process has been updated, WVDRS is committed to establishing quality and expansion of CRP services into the community satisfaction assessments of CRPs to inform consumers, WVDRS staff, and other VR stakeholders. and standards developed, the Division has been developing a more comprehensive process to WVDRS' Standards Manual for CRPs requires each CRP to have an ongoing self-evaluation system designed to assess the effectiveness of services evaluate the services being provided by each CRP vendor. provided to clients and also be consistent with WVDRS standards for CRPs. The system measures outcomes against preestablished goals based on assessment and discussion with the client and referring VR counselor. West Virginia Division of Rehabilit st Virginia Division of Rehabilita

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CRP Program Evaluation

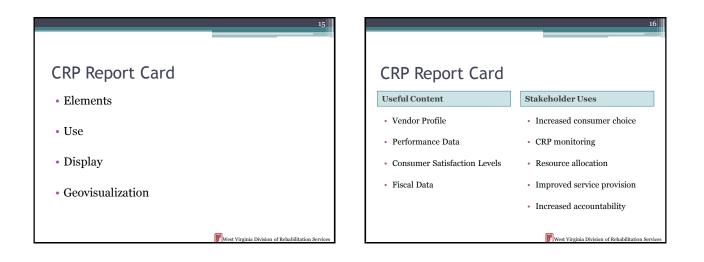
 The WVDRS CRP Standards Manual requires the following for Program Evaluation:

- <u>Program Goals</u>- Statements of who the program serves, what services it offers, and what the program is designed to accomplish.
- <u>Service Objective-</u> Objectives for each service stated in terms of measurable outcomes and consistent with the program goals.
- <u>Outcomes</u>- The degree to which each service objective is achieved.
- <u>Measures</u>- Measures stated in general terms and explaining how outcomes are to be achieved.
- <u>Client Satisfaction</u>- Measures input from clients about benefits received from services. WVDRS will also implement a satisfaction survey for CRP staff and WVDRS staff to collect additional information regarding satisfaction with services.

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CRP Report Card

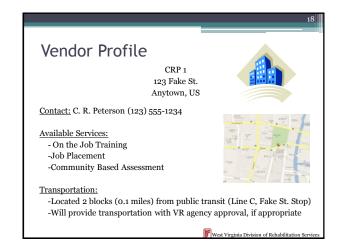
• A standardized, systematic tool for VR consumers, counselors, and others to utilize when making informed choices about selecting service provider(s).

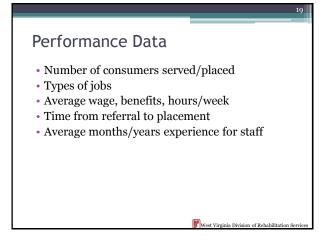


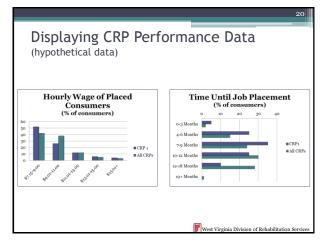
Vendor Profile

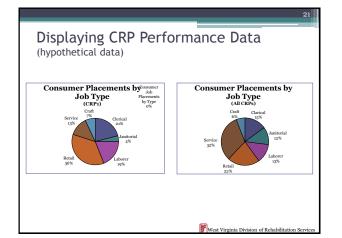
- Location and Contact Information • Can include map and/or picture of the building
- Services Provided
 - Use terms and phrases that the consumer will understand
- Transportation Availability
 - Accessibility using public transportation

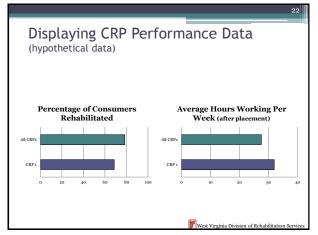
O'Brien et al. (2003)

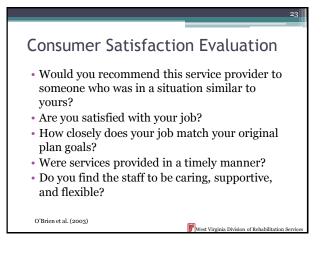


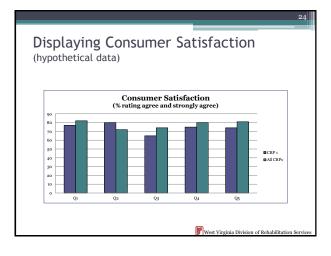












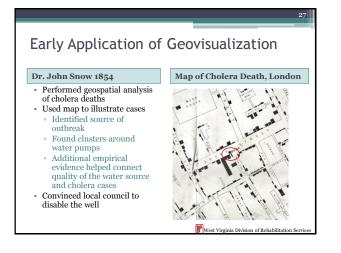
Geovisualization

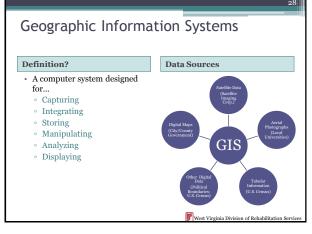
- Background
- Web Maps
- Examples of Web Maps

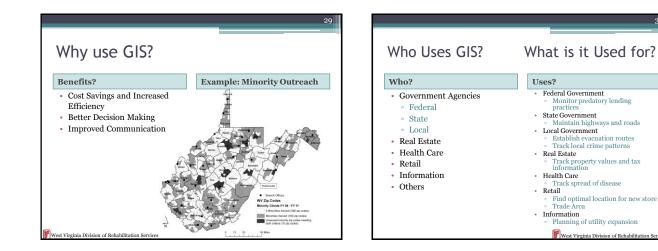
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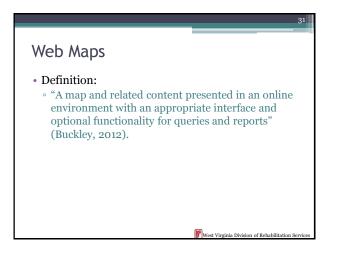
What is Geovisualization?

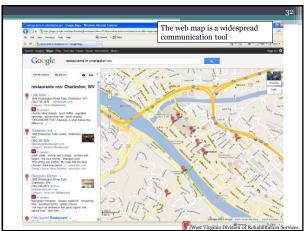
• "short for *Geographic Visualization*, refers to a set of tools and techniques supporting geospatial data analysis through the use of interactive visualization....... Geovisualization represents a set of cartographic technologies and practices that take advantage of the ability of modern microprocessors to render changes to a map in real time, allowing users to adjust the mapped data on the fly."(Wikipedia)









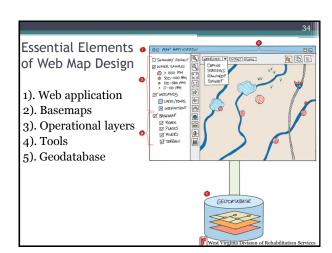


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Purpose of Web Maps

- First question to ask: *What is the purpose of this map?*
- Answer reveals:
 - Audience
 - How map will be used by audience
 - Content
- Design web map according to abilities and requirements of intended user group

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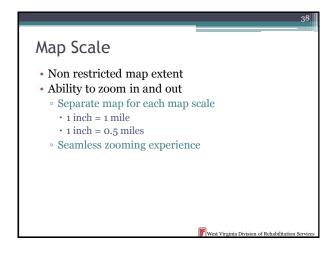


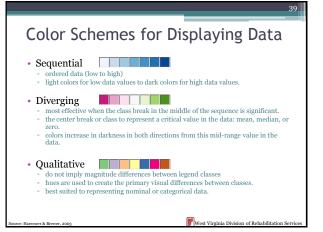
a Size Geographic extent Map scale Color Symbols Fonts Resolution Map marginalia

Size • Design for the primary delivery mode • Standard: 17- or 19-inch monitor • Others: Tables, smartphones, iPads

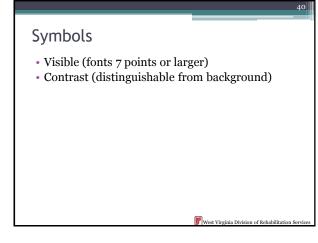


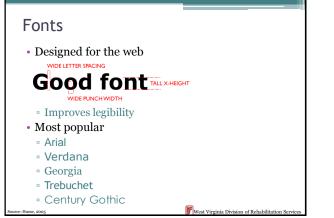
- Ability to pan and zoom
- Restricting vs. Not restricting
- Depends on purpose

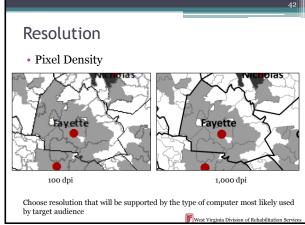


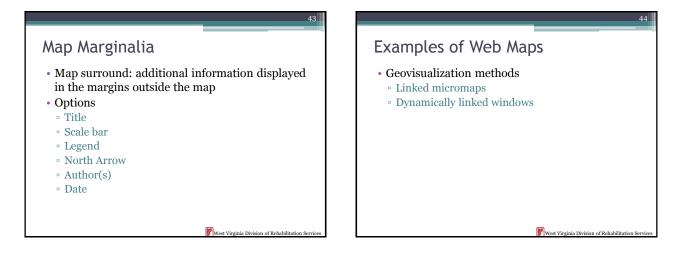


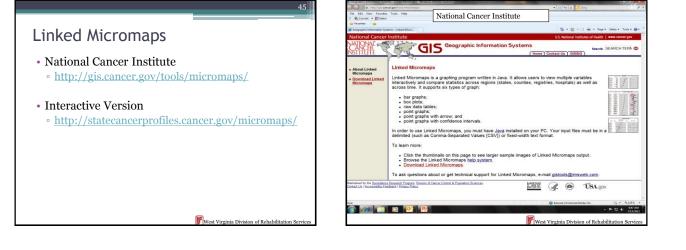
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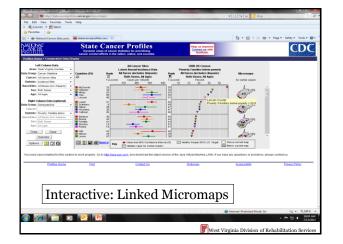


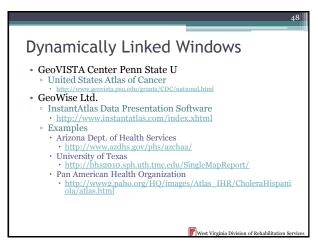










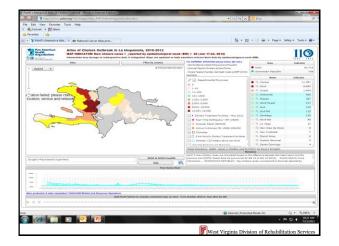


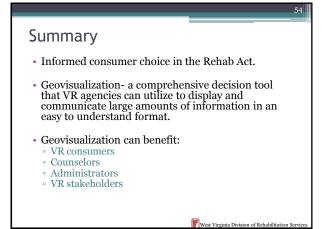


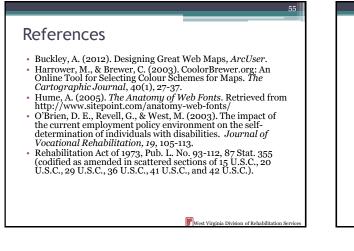












Special Thanks

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