Illustrating the Montana Reservation Economic Analysis Project (REAP) using ArcGIS Online

Census & Economic Information Center (CEIC) Department of Commerce

Geographers Division, a Planimeter 1940-1941
what is CEIC?
(Census & Economic Information Center)
what is REAP?  
(Reservation Economic Analysis Project)
the problem
objectives of REAP
where we are in the project
ArcGIS Online demo
the problem
MONETARY CONTRIBUTIONS OF RESERVATIONS TO THE STATE OF MONTANA

Prepared by:

Eleanor YellowRobe
Bureau of Business and Economic Research
The University of Montana

Submitted to:

State Tribal Economic Development Commission
Montana Department of Commerce
Contract #06-51-0037

November 2007
collect valid economic and business statistics to populate models
verification of data
## IMPLAN models

<table>
<thead>
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<th>Sector</th>
<th>Description</th>
<th>Direct</th>
<th>Indirect</th>
<th>Induced</th>
<th>Total</th>
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<td>$11,576,860</td>
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Revenues

Business to Household (e.g. Salary)

Individual to Household (Money from Mom & Dad)

Government to Household (e.g. Retirement Income)

Expenditures

To Businesses (e.g. Groceries)

To Individuals (e.g. Kids Allowance)

To Government (e.g. Gas Taxes)
**Revenues**

- Businesses (e.g. Private Investment)
- Individuals (e.g. Purchases of Goods and Services)
- Government (e.g. Federal Programs)

**Expenditures**

- Businesses (Production Inputs)
- Individuals (e.g. Salaries)
- Government (e.g. Retirement Savings)

**RESERVATION**
- Tribal Government
- Other Public Sector Organizations
- Businesses
- Individuals
phase one:
update contributions report data

Revenues
- Businesses (e.g. Private Investment)
- Individuals (e.g. Purchases of Goods and Services)
- Government (e.g. Federal Programs)

Expenditures
- Businesses (Production Inputs)
- Individuals (e.g. Salaries)
- Government (e.g. Retirement Savings)

RESERVATION
- Tribal Government
- Other Public Sector Organizations
  - Businesses
  - Individuals
update monetary contributions report

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**Fort Belknap Reservation**

**Monetary Contributions of Reservations to the State of Montana**

Prepared by:

Submitted to:

The University of Montana

November 2007
additional project outputs for tribes wishing to participate
Phase Two: Business Revenue and Expenditure Data

**Revenues**
- Businesses (e.g. Private Investment)
- Individuals (e.g. Purchases of Goods and Services)
- Government (e.g. Federal Programs)

**Expenditures**
- Businesses (Production Inputs)
- Individuals (e.g. Salaries)
- Government (e.g. Retirement Savings)

**Reservation**
- Tribal Government
- Other Public Sector Organizations
- Businesses
- Individuals
phase three:
consumer expenditure data

**Revenues**
- Businesses (e.g. Private Investment)
- Individuals (e.g. Purchases of Goods and Services)
- Government (e.g. Federal Programs)

**Expenditures**
- Businesses (Production Inputs)
- Individuals (e.g. Salaries)
- Government (e.g. Retirement Savings)

**RESERVATION**
- Tribal Government
- Other Public Sector Organizations
- Businesses
- Individuals
determine economic needs and priorities and develop recommendations that promote sustainable prosperity
integrate data into a dynamic website
maintaining and sustaining the collection of data
ArcGIS Online subscription demo