

Environmental Public Health Tracking Program: Montana

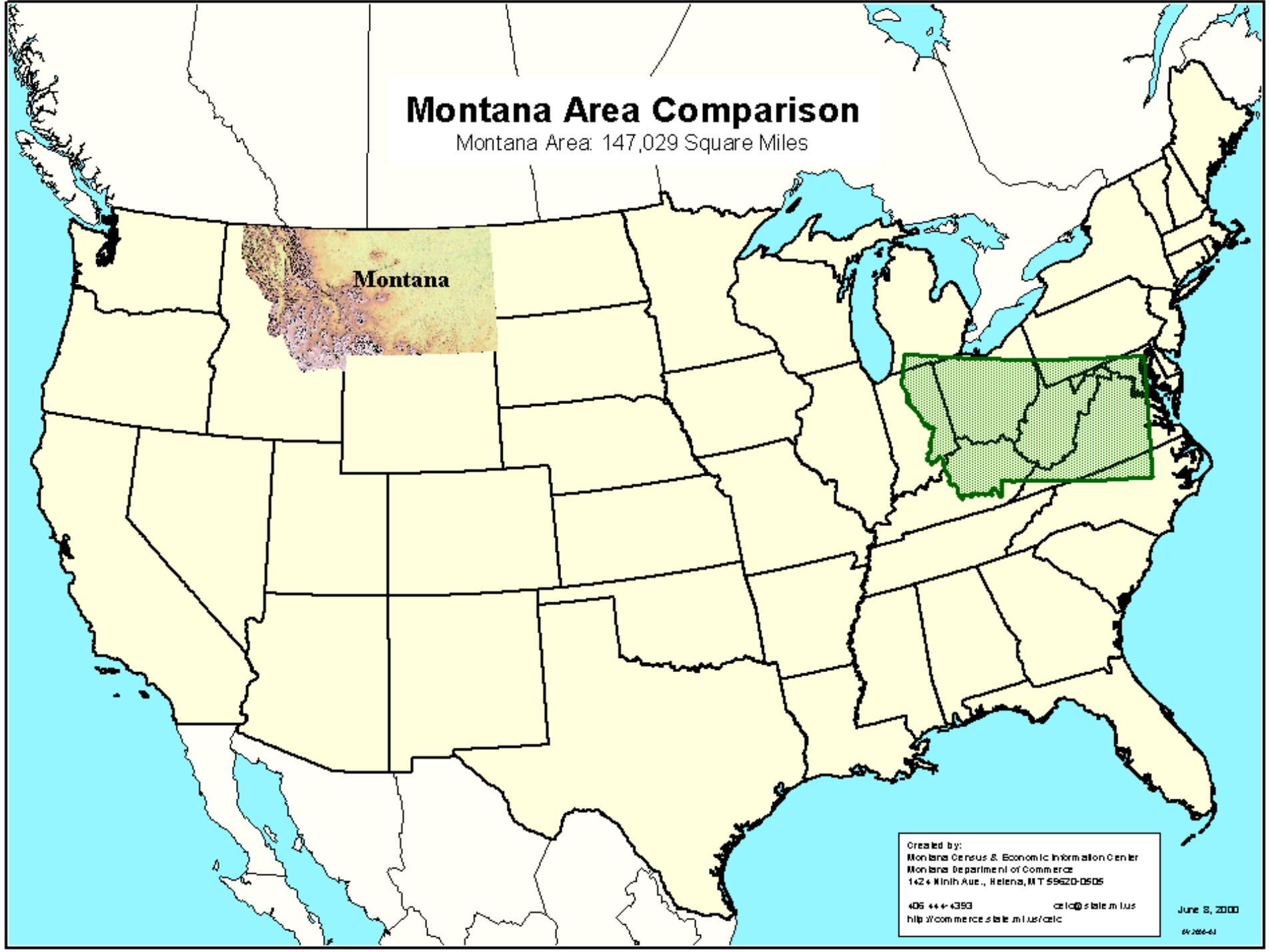
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Medical Officer

Montana DPHHS

Montana Area Comparison

Montana Area: 147,029 Square Miles



Montana

Created by:
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June 8, 2000

64-286-63

Timeline

- **Pew Environmental Health Commission Report – September 2000**
- **Montana House Bill 582 – March 2001**
- **U.S. Senate Bill 2045 – March 2001**
- **Montana Registry Internal Review – April – December 2001**
- **Montana Chronic Disease Registry Task Force – December 2001**

Timeline

(continued)

- **Montana Registry Task Force Final Draft Report – July 2002**
- **National Environmental Public Health Tracking RFA – July 2002**
- **Montana EPHT Proposal Submitted – August 2002**
- **Montana Registry Final Report – August 2002**

Timeline

(continued)

- **Montana EPHT Program Funded – October 2002**
- **Program Coordinator – March 2003**
- **Advisory Group – June 2003**
- **Contractors Identified – July 2003**
- **Program Epidemiologist – September 2003**

Advisory Group Constituents

- **Intra-departmental Partners**
- **Inter-departmental Partners**
- **Federal Government Partners**
- **External Partners**

Intra-departmental Partners

- **Operations and Technology Division**
- **HAN Project**
- **Vital Statistics**
- **Chronic Diseases and Health Promotion**
- **Birth Outcomes Monitoring**
- **Tumor Registry**
- **Communicable Disease Surveillance**
- **Behavior Risk Factor Surveillance**
- **Biomonitoring Project**
- **State Medical Officer (Medicaid & PHL)**

Inter-departmental Partners

- **Natural Resource Information System**
- **Department of Environmental Quality**
- **Department of Fish, Wildlife and Parks**
- **Department of Labor and Industry**
- **Department of Agriculture**
- **Office of Public Instruction**
- **IDEA Project**

Federal Government Partners

- **U.S. Geological Survey**
- **U.S. Fish and Wildlife Service**
- **U.S. Environmental Protection Agency**
- **Agency for Toxic Substances and Disease Registry**
- **U.S. Indian Health Service**
- **USEFDA / Montana Environmental Health Association**

External Partners

- **Montana/Wyoming Tribal Leaders Council**
- **Rocky Boy Tribal Health Center**
- **MSU College of Nursing**
- **UM Center for Environmental Health Sciences**
- **Montana Hospital Association**
- **American Cancer Society**
- **American Lung Association**

External Partners

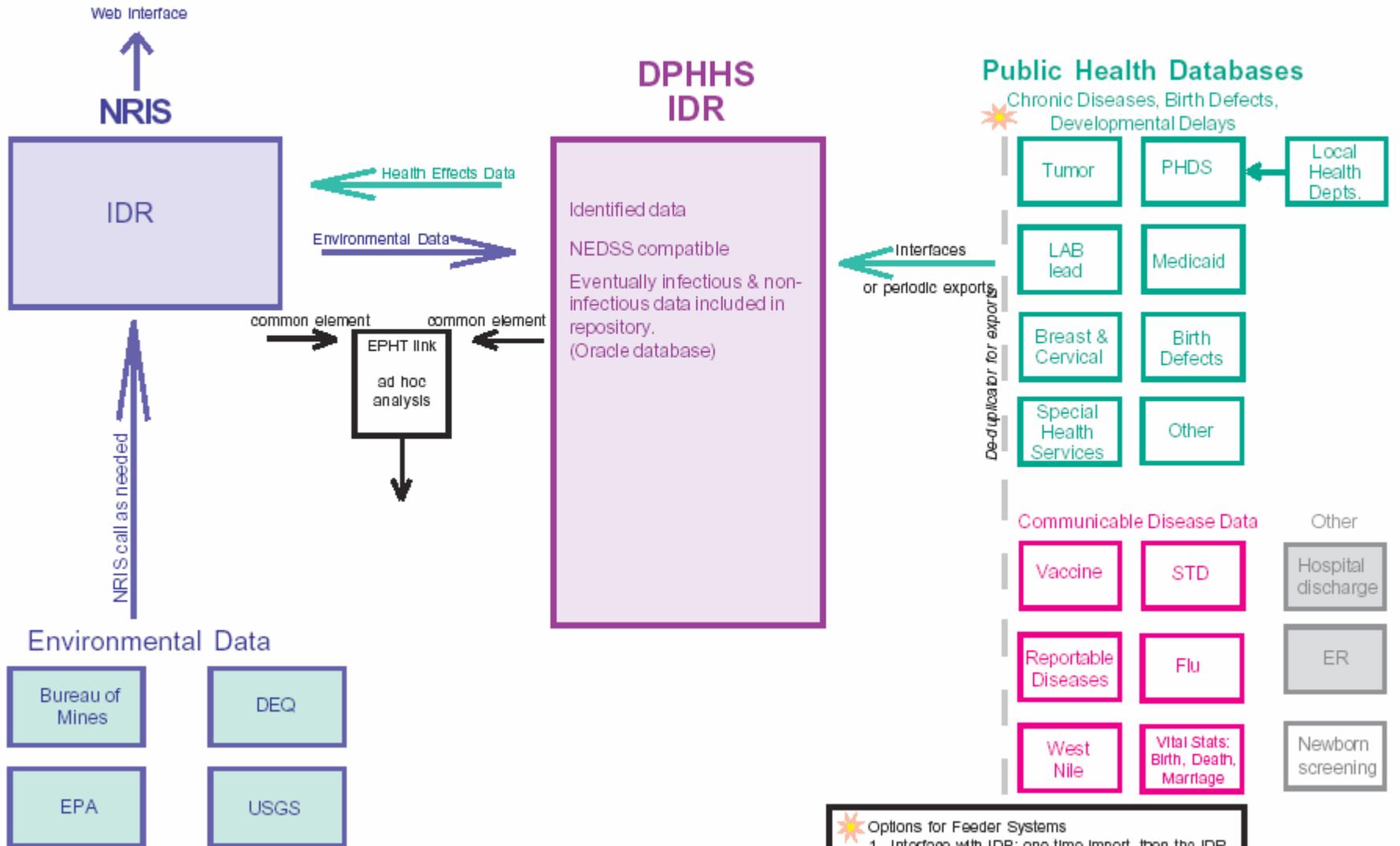
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- **MontPIRG**
- **Montana State Legislator**
- **Citizen Advocate – Libby, Montana**
- **Occupational Medicine Physician**
- **Family Practice Physician**
- **Large County Health Department**
- **Small County Health Department**

Current Activities

- **Data Collection and Storage**
 - Inventory
 - IT and Interface Requirements
- **Needs Assessments and Priority Setting**
 - Advisory Group
 - County Workers
 - Communities
- **Pilot Projects**

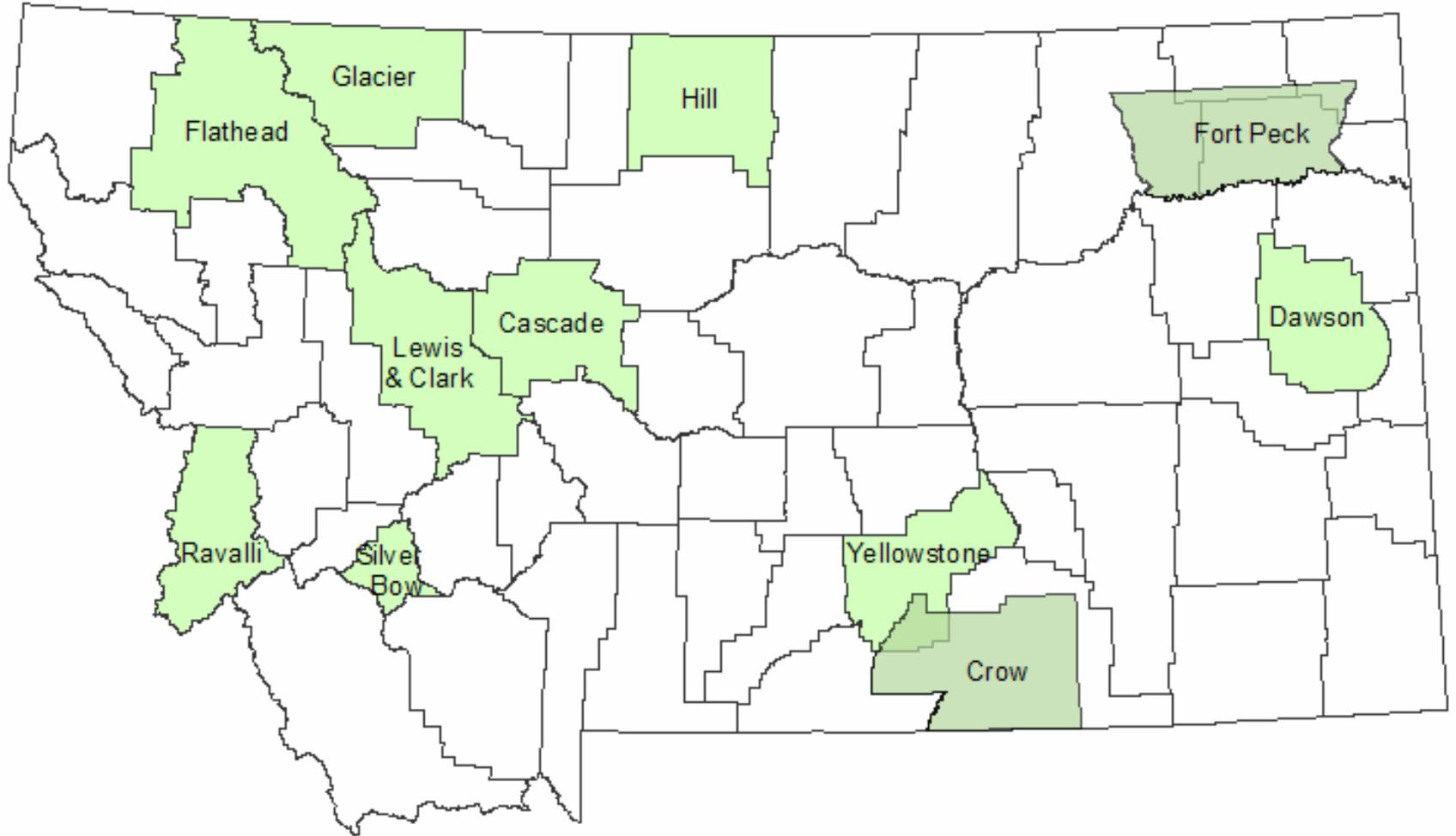
DPHHS IT DRAFT PLAN



IDR: Integrated Data Repository
NEDSS: National Electronic Disease Surveillance System

- Options for Feeder Systems
1. Interface with IDR; one-time import, then the IDR is home to old and new data. Requires customization
 2. Export data periodically. Maintain existing data silo. Requires de-duplication.

☐ = currently unavailable



Spin-offs

- **State Legislative Environmental Quality Oversight Committee is now involved**
- **Participation Requested**
 - **PCB contamination of fish**
 - **Pb and Hg contamination**
 - **Major Birth Defect Cluster**
 - **Brain tumor cluster**
 - **County Health Profiles**

Future Activities

- **Neurodegenerative Diseases and Agricultural Industry**
- **Geocoding Birth Outcomes**
- **Geocoding Developmental Disabilities**
- **Hg, Pb and As and Health Outcomes**
- **Fish contaminant levels and health outcomes**

Hurdles to Overcome

- **Large State Small Numbers of People**
- **Reporting Completeness (Awareness)**
- **Confounders (no single exposure data)**
- **Hospital and ED Discharge Data**
- **Electronic Format for Data Bases**
- **Information Silos (Willingness to share)**
- **Appropriate Prioritization**

Summary

- **All of the ingredients are present**
- **Communication is major ingredient**
- **Next Steps**
 - **Assess**
 - **Prioritize**
 - **Pilot**
 - **Initiate Incrementally**