



GASB Electronic Reporting Project

Electronic Government Reporting/GASB

- Current state of Governmental Electronic Reporting: PDF!!!
- Our vision of government electronic reporting:
 - What we expect from it: transparency, flexibility, up-to-date
 - Data in a reusable format: focus on the higher end of the information value chain (e.g. Analysis)
- Rutgers Team's Work (After consulting with GASB):
 - Converted a sample of 4 statements for 6 states into a relational DB
 - Created reports (cross state and cross statement) as a demo

Authentication and authorization layer

Real time

Update spider



GASB bond reports

Entity clusterer

Entity cluster anomaly detectors

Predictive Reports

Phase 1

Comparative Reports

Ad Hoc Reports

Sector Reports

G-Robocop



Ever Expanding Taxonomy

Standardized Taxonomy

Pdf extractors

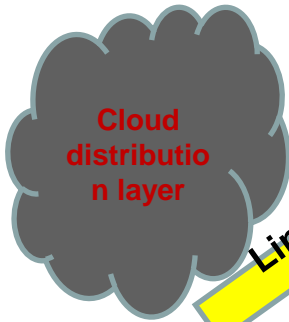
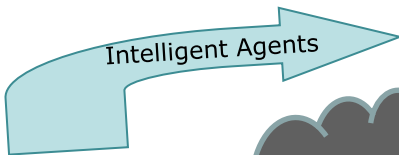
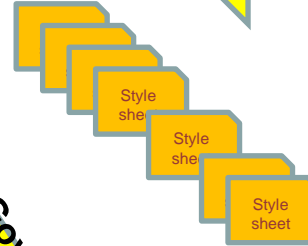


Macro data reports

Cross Sectional Benchmark/Data

Phase 2

Update Spider multiple data sources



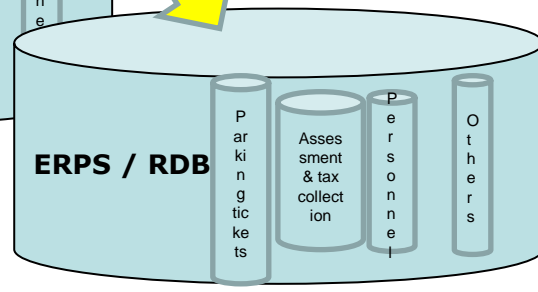
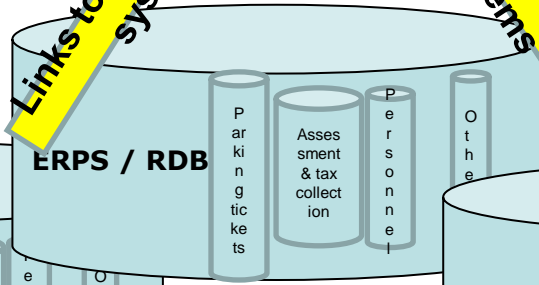
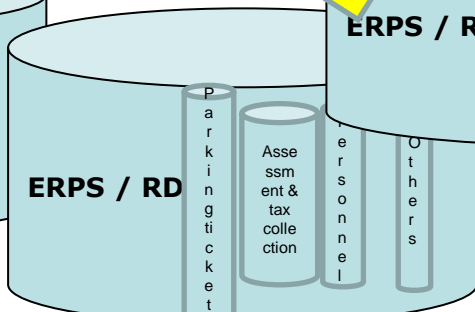
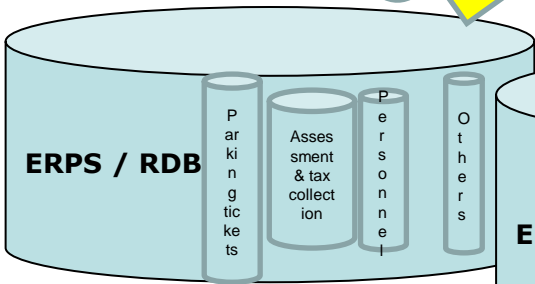
Data in multiple structures including tagged flat files and text

Links to Government systems

Links to Government systems

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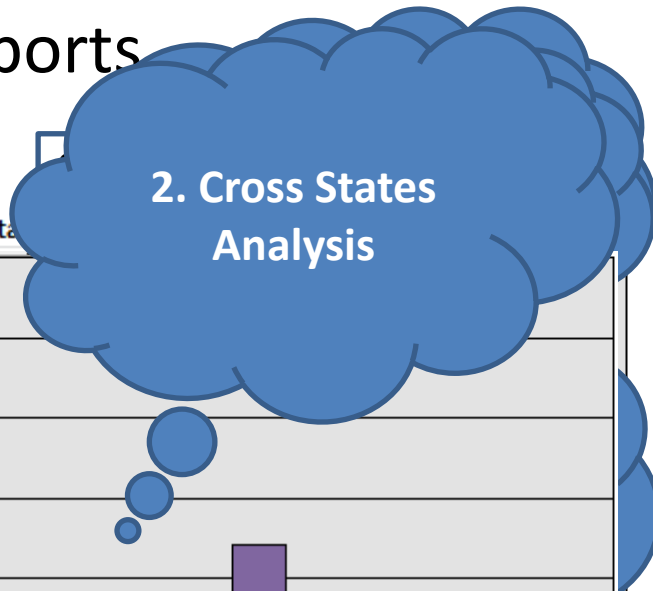
Phase 3



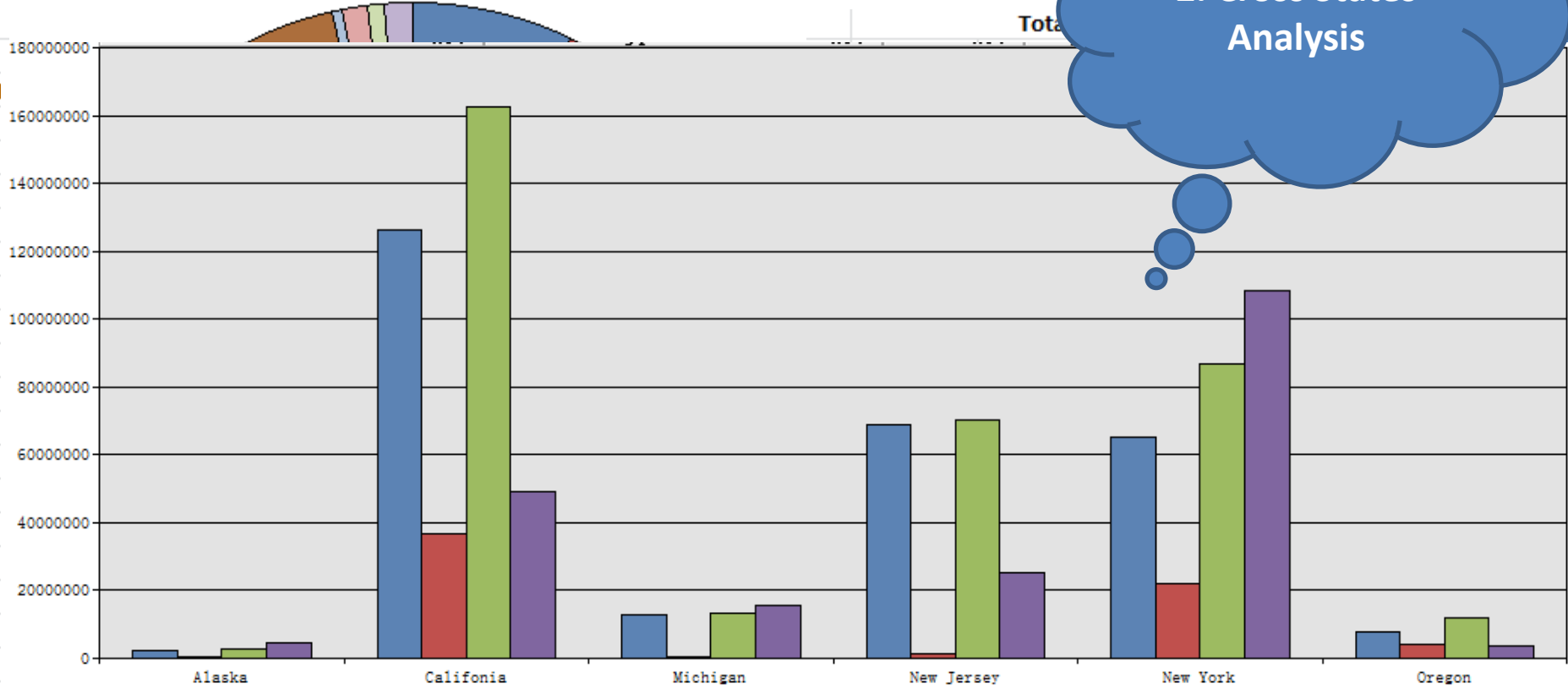
Annual

Potential Reports and Analysis

- Customized Trend and Comparison Reports



Long-term liabilities by state 2012

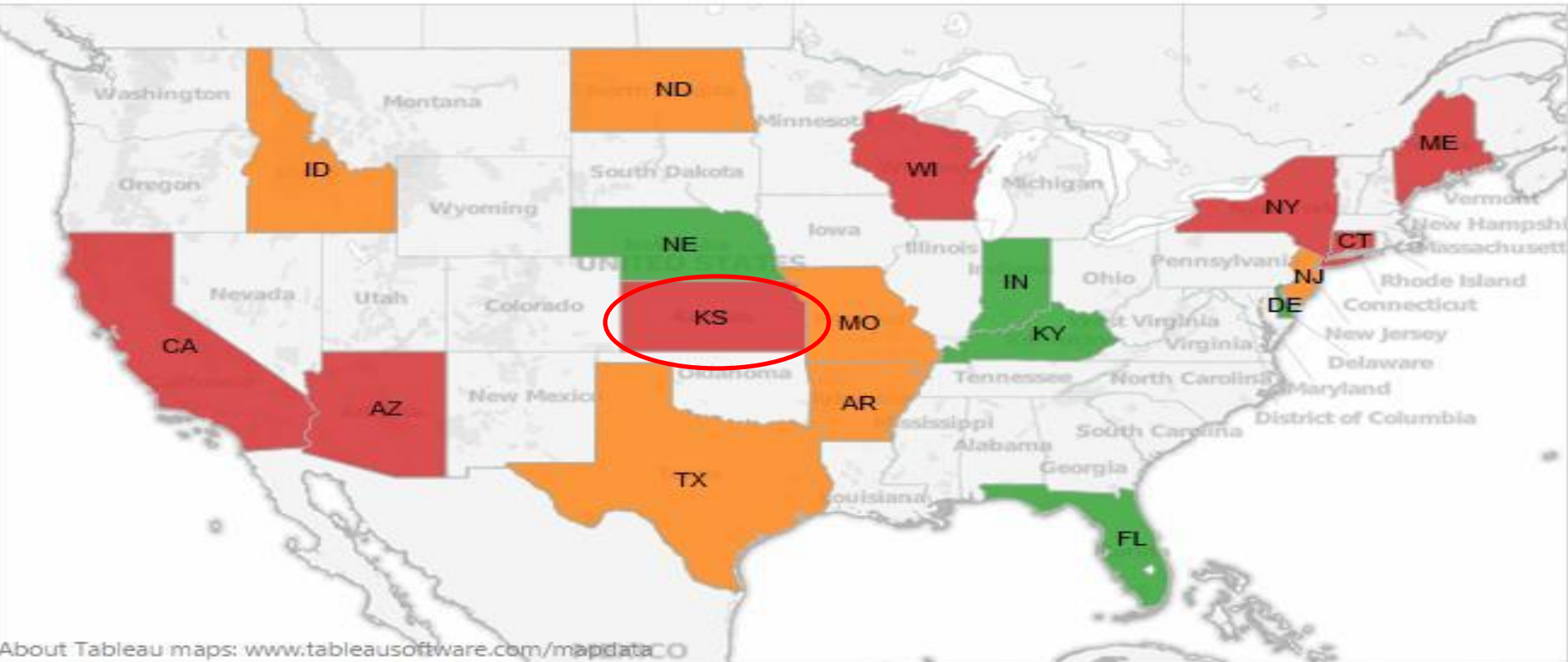


State	Business-type Assets and Deferred Out	Other current asset	Land and other non-current assets	Capital Assets
New York	72,444	231	319	\$3,893,000.00
New York				\$794,000.00
New York				\$294,000.00
New York				\$2,760,000.00

Potential Reports and Analysis

- DashBoard and Visualization

2011



2011

- High
- Low
- Medium

The Ratio of Unassigned Fund

Integration of multiple sources of Information

