Innovative Government Intelligence

Kevin Mergruen
Vice President, Public Sector
Public Sector Innovation

Why?

- Revenue shortfall means we must do more with less
  - Identify new economic development opportunities
- Need proactive analytics to understand and manage deficit
- Meet compliancy requirements for federal funded programs
- Costs continue to rise across the board – Medicaid, education, transportation, etc.
  - Improve operational efficiencies
  - Identify Waste, Fraud & Abuse before payments are made
  - Transparency & Accountability requirements for both internal & external public reporting
- Alignment with initiatives from your elected officials
- Citizen demand for services continues to rise
Government Innovation Challenges
Lack of Information Consistency

Data redundancy across various departments

Information is not a resource
Driving Adoption: Diverse Info Sources & Diverse Needs

- **STRATEGIC**
  - GOVERNOR / MAYOR
  - INFORMATION TECHNOLOGY
  - FINANCE
  - HEALTH & HUMAN SERVICES
  - PUBLIC SAFETY
  - ECONOMIC DEVELOPMENT
  - HUMAN RESOURCES

- **ANALYTICAL**
  - DW
  - Cubes

- **OPERATIONAL**
  - Operational Data Store
  - Operational Data
  - Transaction/ Documents

- **PARTNERS**
  - AGENTS
  - SERVICE
  - SUPPLIER
  - DISTRIBUTOR

- **Citizens**
Driving Adoption: Targeted Tools & Tailored Applications

- Mobile Reports
- Published Reports
- KPI/Scorecards
- Dashboards

STRATEGIC

- Ad Hoc Analysis
- Predictive Modeling & Data Mining
- GIS Dashboards
- Advanced Visualization

ANALYTICAL

- Search BI Apps
- BI Applications
- MS Office Integration
- Active Dashboards

OPERATIONAL
Information Sharing Across Government
Modernizing Existing Assets to Improve Outcomes

Enterprise Integration
- RMS
- Fund Accounting
- Legacy
- Custom Apps
- Data Warehouse
- External Data

Business Intelligence
- Education
- HHS
- Finance
- Public Safety
- Human Resources

Information Delivery

Management
- Executive Portals
- Global Operations View
- Performance Metrics
- Financial Analysis

Analysts
- Crime Analysis
- Accounting
- Budget Office
- Human Services

Employees
- Payroll Processing
- Operations
- HR Reporting
- Financial Reporting

IT
- Development
- Maintenance
- System Administration
- User Support

Federal & State
- Compliance Reporting
- Port Security
- Public Safety

Cities & Counties
- Health Alerts
- Human Services
- Funds Analysis
- Integrated Justice

Citizens
- Financial Reports
- Crime Statistics
- Quality of Life Applications
Aggregate all disparate data for centralized reporting
Better information sharing across departments…
Improved operational efficiencies…
Higher citizen service levels…
Public Sector Innovation Areas

- Deficit Management
- Revenue Generation
- Program Integrity
- Operational Efficiencies
- Federal Funds Compliance
- Citizen Services
New York Public Library Challenges

- 91 libraries with 17 million visitors per year
- New York Public Library faced a $23 million funding cut from the proposed mayoral budget -- the expected result was hundreds of job cuts and slashed operating hours.
- Improve understanding of and increase accountability for their operational effectiveness
- Needed to make better decisions on staffing and hours to manage budget issues and maintain services to the citizens
The library is using the system to track:

- Visitor traffic – 2 million cardholders
- Borrowing habits – 15 million borrower transactions
- Other key metrics so managers can make better decisions about which library resources and services are most important to the general public
Staten Island Branches

Application Name Coming Soon!!!

Dashboard | Metrics | Analysis

Sector: Branch ▼  Borough: Staten Island ▼  Network/Center: [ALL] ▼  Branch/Department: [ALL]

Data View  Monthly  YTD Cumulative  Select Format for Drill Downs  HTML ▼

Visits:

- Total Visits: Prior Year ▬ Current Year
- Visits Variance: Sep07 Oct07 Nov07 Dec07 Jan08 Feb08 Mar08 Apr08 May08 Jun08 Jul08 Aug08

Circulation:

- Total Circulation: Prior Year ▬ Current Year
- Circulation Variance: Sep07 Oct07 Nov07 Dec07 Jan08 Feb08 Mar08 Apr08 May08 Jun08 Jul08 Aug08
Manhattan Branches

**Visits**
- **Total Visits**
  - Prior Year
  - Current Year

**Circulation**
- **Total Circulation**
  - Prior Year
  - Current Year

**Visits Variance**
- **Circulation Variance**
Bronx Library Center Network

Application Name Coming Soon !!!

Dashboard Metrics Analysis

Sector Borough Network/Center Branch Bronx BLC Network Branch/Department Bronx Library Center

Data View Monthly YTD Cumulative Select Format for Drill Downs HTML

Visits

Prior Current

Circulation

Prior Current

Graphs showing data trends for Visits and Circulation from Sep07 to Aug08.
## Ranking Report Seward Park Network

### Select Data Filters
- **Date Type**: Rolling 12 Months
- **Start Date**: 09/01/2007
- **End Date**: 08/31/2008

### Select Display Options
- **Measure Grouping**: 4. Branch/Department
- **Rank Based On**: Visits
- **Output Format**: Screen (html)

### Branch/Department Rankings

<table>
<thead>
<tr>
<th>Branch/Department</th>
<th>Visits</th>
<th>Circulations</th>
<th>Program Offered</th>
<th>Program Visits</th>
<th>Class Offered</th>
<th>Class Visits</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chatham Square Branch</td>
<td>431,327</td>
<td>944,334</td>
<td>579</td>
<td>14,406</td>
<td>436</td>
<td>8,455</td>
<td>1</td>
</tr>
<tr>
<td>Seward Park Branch</td>
<td>333,790</td>
<td>464,304</td>
<td>746</td>
<td>10,145</td>
<td>393</td>
<td>8,067</td>
<td>2</td>
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<tr>
<td>58th Street Branch</td>
<td>269,991</td>
<td>311,448</td>
<td>395</td>
<td>6,262</td>
<td>0</td>
<td>0</td>
<td>3</td>
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<tr>
<td>Jefferson Market Branch</td>
<td>238,232</td>
<td>399,430</td>
<td>244</td>
<td>7,751</td>
<td>56</td>
<td>1,530</td>
<td>4</td>
</tr>
<tr>
<td>Muhlenberg Branch</td>
<td>222,631</td>
<td>280,885</td>
<td>285</td>
<td>5,533</td>
<td>92</td>
<td>2,310</td>
<td>5</td>
</tr>
<tr>
<td>Epiphany Branch</td>
<td>218,814</td>
<td>262,481</td>
<td>186</td>
<td>3,688</td>
<td>110</td>
<td>2,212</td>
<td>6</td>
</tr>
<tr>
<td>Mulberry Street Branch</td>
<td>185,363</td>
<td>296,605</td>
<td>314</td>
<td>6,685</td>
<td>69</td>
<td>1,590</td>
<td>7</td>
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<tr>
<td>Columbus Branch</td>
<td>156,385</td>
<td>156,897</td>
<td>125</td>
<td>1,938</td>
<td>150</td>
<td>3,126</td>
<td>8</td>
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<tr>
<td>Kips Bay Branch</td>
<td>154,584</td>
<td>216,756</td>
<td>236</td>
<td>3,039</td>
<td>30</td>
<td>333</td>
<td>9</td>
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<tr>
<td>Tompkins Square Branch</td>
<td>152,338</td>
<td>208,704</td>
<td>244</td>
<td>4,621</td>
<td>87</td>
<td>1,817</td>
<td>10</td>
</tr>
<tr>
<td>Hudson Park Branch</td>
<td>131,439</td>
<td>160,917</td>
<td>344</td>
<td>3,768</td>
<td>60</td>
<td>1,014</td>
<td>11</td>
</tr>
</tbody>
</table>
LA County Auditor Controller
LA County Background

- Established February 18, 1850
- One of the nation’s largest counties with 4,084 square miles
- Has the largest population of any county in the USA
- Approximately 27% of California’s residents live here
- Board of Supervisors is the governing body
- LA County would have the 19th largest economy in the world if it were a nation
LA County Auditor Controller Profile

- Provides financial leadership and advocacy for financial integrity and accountability for all County business. Responsibilities include:
  - Establishing County fiscal and internal control policies
  - Operating eCAPS for integrated accounting & disbursing system
  - Administering the County payroll
  - Conduct audits and fraud investigations of departments, employees and contractors
LA County Auditor Controller Challenges

- Supports reporting and analytics for the human resources and payroll aspects of a 100,000+ employee population
- Need to help all departments better manage their contracts and expenditures
- Identify waste, fraud, and abuse across departments
- Move away from Excel spreadsheets to do contract management
  - Excel was cumbersome & error prone
  - Multiple versions of the truth
LA County Auditor Controller
Contract Management Dashboard

- Business Intelligence Application that provides every department’s top executives with:
  - Visibility into which vendors were awarded a contract
  - How much is the contract budget
  - Current spending against that contract
  - Better monitoring of contract activities Countywide
- Enables improved cost controls in today’s difficult economic environment
- Initial roll out to 5,000 users in the Auditor Controller’s office prior to full County deployment
- Graphical dashboard to capture user’s attention
Contract Dashboard
Countywide

<table>
<thead>
<tr>
<th>Department</th>
<th>Active Contracts</th>
<th>Expired Contracts</th>
<th>Expired Pending Payment</th>
<th>Contracts with No End Date</th>
<th>Zero Budget Contracts</th>
<th>Overdraft Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Countywide</td>
<td>7,228</td>
<td>780</td>
<td>1,461</td>
<td>366</td>
<td>371</td>
<td>321</td>
</tr>
</tbody>
</table>

As of: 05/26/2010
## Contract Alerts

### Countywide

<table>
<thead>
<tr>
<th>Department</th>
<th>Report</th>
<th>Contract Count</th>
<th>Budget Amount</th>
<th>Expended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Countywide</td>
<td>Contracts 50% Expended</td>
<td>1,859</td>
<td>$2,524,368,301.78</td>
<td>$1,598,849,218.80</td>
</tr>
<tr>
<td>Countywide</td>
<td>Contracts 75% Expended</td>
<td>3,036</td>
<td>$5,614,964,121.69</td>
<td>$5,028,174,444.43</td>
</tr>
<tr>
<td>Countywide</td>
<td>Contracts Less Than 50% Expended</td>
<td>2,237</td>
<td>$4,415,464,428.83</td>
<td>$822,877,458.97</td>
</tr>
</tbody>
</table>

- **Contracts 50% Expended**
- **Contracts 75% Expended**
- **Contracts Less Than 50% Expended**
- **Zero Budget Contracts**
- **Overdraft Contracts**

As of: 05/26/2010
Contract Dashboard
Countywide

Contract Actuals

<table>
<thead>
<tr>
<th>Department</th>
<th>Fiscal Year</th>
<th>Fiscal Period</th>
<th>Expense YTD</th>
<th>Encumbrance YTD</th>
<th>Expense Encumbrance YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Countywide</td>
<td>2010</td>
<td>11</td>
<td>$2,427,390,599.88</td>
<td>$864,108,121.94</td>
<td>$3,291,498,721.82</td>
</tr>
</tbody>
</table>

As of: 05/26/2010
Public Sector Innovation Areas

- Deficit Management
- Revenue Generation
- Program Integrity
- Operational Efficiencies
- Federal Funds Compliance
- Citizen Services
Department of Revenue Administration Challenges

- Archaic systems, siloed application data
- Lots of data, very little information (insight)
  - Commissioner, Dept of Revenue Administration

- Real Estate Fees are missed because of under and misreporting

- Single taxpayer view
  - Issue of paying people refunds who owe money because there is no consolidated view of seeing a tax entity holistically.

- Report automation
  - Reports are static
  - Need to operate with more real-time analytics for informed tax decisions and better revenue projections.
  - Provide a faster, more complete and concise manner to perform studies for Legislature & Governor’s initiatives.
Modernization Program

- $7M Capital Appropriation
- Branded “Granite to Green”
  - A portfolio of integrated projects designed to replace static systems and processes with those that are dynamic to maximize organizational efficiency and effectiveness.
- Time Frame: 2010 – 2012
- Inclusive of Hardware, Software, Professional Services and Training
Granite to Green Initiatives

- Upgrade iSeries
- Upgrade Business Intelligence
- Create GIS System for Property Appraisal
- Automate Business Processes
- Select and Implement Document Processing and Electronic Remittance System
- Upgrade Mail Handling and Extraction
- Introduce Performance Management
- Increase Redundancy / Disaster Recovery Planning
- Upgrade Centrex Phone System
- Migrate Federal Tax Information (FTI) Data to DB2
- Enable forms for E-File / Participate in MeF Program
- Enable Credit Card / Debit Card Payment Option
Day One of FY ‘12 Challenges

- 30% Maintenance Budget Cut
- Abolishment of 43% of DRA Positions
- “DRA Structure” Required by Statute Remains
- How to implement 10 Capital Projects developed to overhaul entire business process while continuing “Business as Usual”
- IT Staff - Lack of Experience with New Technologies
- No Statistics on Cost of Performance/Cost Accounting
- Insufficient Number of Supervisors Compromises Internal Controls
- Dedicated Call Center Abolished
First Business Intelligence Initiative - SVOT

Why Single View of the Taxpayer?

• Multiple Disparate Tax Applications
• Inefficient means by which to perform research
• Inefficient means by which to coordinate Collections and Audit efforts
• Inability to profile Taxpayers/Constituents
• No “Golden Record”
Solution Overview – Roadmap to Success

Single view of Tax Payer

Letter and Report Generation

Division Level Reporting

Logical Data Model

Data Integration & Quality Components

IRS Data

Liquor Comm.

Secy. of State

Tax Info Mgmt Sys

Audit

Tobacco

Misc Tax

Legal & Municipal

Manual A/R
Business Intelligence Dashboards

- Administration
- Audit
- Document Processing
- Collections
- Central Tax Services
- Information Systems
Welcome to the Collections Dashboard!

Single View Taxpayer

1. Select Search Category
2. Select Search Type
   - Name, ID, Phone Number
   - Address
3. Enter Search Criteria
   - Enter Name, ID or phone (no dashes)
4. Start Search

WARNING
This system may contain U.S. Government information, which is restricted to authorized users ONLY. Unauthorized access, use, misuse, or modification of this computer system or of the data contained herein or in transit to/from this system constitutes a violation of Title 18, United States Code, Section 1030, and may subject the individual to Criminal and Civil penalties pursuant to Title 26, United States Code, Sections 7213, 7213A (the Taxpayer Browsing Protection Act), and 7431. This system and equipment are subject to monitoring to ensure proper performance of applicable security features or procedures. Such monitoring may result in the acquisition, recording and analysis of all data being communicated, transmitted, processed or stored in this system by a user. If monitoring reveals possible evidence of criminal activity, such evidence may
Within the Single View Taxpayer application, the user may search for a particular taxpayer. Searching may be done either by name, ID, phone number or address.
## Tax Notices and Return Payments

Clicking on the blue “Returns” button displays the “Tax Notice and Returns Payments” report.

### Tax Notice and Return Payments

<table>
<thead>
<tr>
<th>Period Begin Date</th>
<th>Period End Date</th>
<th>Form ID</th>
<th>Description</th>
<th>Doc Type</th>
<th>Control Amount</th>
<th>Batch Status</th>
<th>Batch Status Date</th>
<th>Tax Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>09/01/2010</td>
<td>09/30/2010</td>
<td>DP79</td>
<td>MEALS AND RENTALS TAX NOTICE</td>
<td>054</td>
<td>$565.06</td>
<td>PROC</td>
<td>12/14/2011</td>
<td>2010</td>
</tr>
<tr>
<td>08/01/2010</td>
<td>08/31/2010</td>
<td>DP79</td>
<td>M&amp;R TAX RETURN PAYMENT</td>
<td>05R</td>
<td>$1,470.41</td>
<td>PROC</td>
<td>12/07/2011</td>
<td>2010</td>
</tr>
<tr>
<td>07/01/2010</td>
<td>07/31/2010</td>
<td>DP79</td>
<td>MEALS AND RENTALS TAX NOTICE</td>
<td>054</td>
<td>$234.88</td>
<td>PROC</td>
<td>10/19/2010</td>
<td>2010</td>
</tr>
</tbody>
</table>

### Relationships

- **ID(s) found:** MAR - FEI/SSN/LIC: FEI/SSN/LIC2
- **Officer Name:** [redacted], Title: PRESIDENT, End Date: [redacted]
- **Officer SSN:** [redacted], LIC: [redacted]

### Tax Notices

<table>
<thead>
<tr>
<th>Period End Date</th>
<th>Tax Type</th>
<th>Version</th>
<th>AssessNo</th>
<th>Amount Due</th>
<th>Status</th>
<th>Name on Notice</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/31/2011</td>
<td>MR</td>
<td>1</td>
<td></td>
<td>$3,384.05</td>
<td>Suspended</td>
<td></td>
</tr>
<tr>
<td>04/30/2011</td>
<td>MR</td>
<td>1</td>
<td></td>
<td>$1,773.05</td>
<td>Suspended</td>
<td></td>
</tr>
</tbody>
</table>
DRA Active Dashboard

Detailed Revenue/Tax Notice Report

<table>
<thead>
<tr>
<th>Tax Year</th>
<th>Tax Type</th>
<th>Taxes Paid</th>
<th># of Returns</th>
<th>Taxes Due</th>
<th># of Tax Notices</th>
<th>Taxes Refunded</th>
<th># of Refunds</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>BP</td>
<td>$164,012,733.41</td>
<td>355</td>
<td>$208,000</td>
<td>1</td>
<td>$109,273,477.90</td>
<td>2807</td>
</tr>
<tr>
<td>2012</td>
<td>RS</td>
<td>$196,824,530.35</td>
<td>9,050</td>
<td>$4,556,35</td>
<td>6</td>
<td>$532,903,18</td>
<td>721</td>
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<tr>
<td>2012</td>
<td>CS</td>
<td>$35,617,326.79</td>
<td>115</td>
<td>$0.00</td>
<td>0</td>
<td>$0.00</td>
<td>0</td>
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<tr>
<td>2012</td>
<td>EC</td>
<td>$2,455,531.64</td>
<td>27</td>
<td>$0.00</td>
<td>0</td>
<td>$0.00</td>
<td>0</td>
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<tr>
<td>2012</td>
<td>EX</td>
<td>$50,100.00</td>
<td>40</td>
<td>$132.00</td>
<td>4</td>
<td>$0.00</td>
<td>0</td>
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<tr>
<td>2012</td>
<td>GW</td>
<td>$340,761.18</td>
<td>64</td>
<td>$0.00</td>
<td>0</td>
<td>$0.00</td>
<td>0</td>
</tr>
</tbody>
</table>

Notes: For Amount Paid, the year is based on the deposit year. For Taxes Due, year is based on Period End Date of the tax notice. Refunds do not include manual refunds.
Department of Revenue Benefits

Interest and Dividend Fees errors are now audited more easily causing greater compliancy and more revenue uncovered.

Real Estate Transactions were recently compared with IRS reported taxpayer information and found that:
- 800 transactions compared to IRS records – 400 were in error or didn’t report at all to the Dept of Revenue.
- There are approximately 30,000 transactions per year. Assumption of a minimum $500 error with a 30% error rate for 9,000 transactions = $4.5M is missed.

Calculating cash flow value for refunds sent to taxpayers who actually owe payments. If a taxpayer was due a refund for Meals taxes ($6,000) and they owed $10,000 in property tax:
- If the refund is sent, the State is out $16,000 until payment made
- If refund is posted against the amount owed, $4,000 remains, improving cash flow.

Department of Revenue is now able to create more accurate projections for requested studies by the Legislature.
California Department of Health Services
The Challenge of CALSTARS

- Need to maintain high-quality service levels with fewer resources at State agencies
- Lower overall operating expenses for each agency
- Financial analysts do not have direct access to information, they have to wait for periodic updates
- Real time tracking of expenses against budgets & plans against actuals is critical for State government
- Timely distribution of financial information to key decision makers
Modernizing CALSTARS

- Deployed stand alone reporting solution providing real time information access to address CALSTARS challenges
  - Web-based financial reporting and analysis
  - Facilitated through scheduled financial updates to separate Agency server from CALSTARS host server
  - Supports drill through from summary to detail operational data
  - Provides access to historical data for trend analysis
  - Users only require Internet Explorer browser
  - Reduces paper report distribution costs through automated intelligent bursting and email distribution.
  - Provides alerts to management when defined financial thresholds are met or exceeded
California STARS Reporting Architecture
Real Time Financial Data Access

CALSTARS Host DB

Legacy Systems

20% of Reports

Daily Extracts

CALSTARS Agency Server

80% of Reports

User Community
(Financial Analysts & Managers)
California Department of Finance

CalStars

California State Accounting and Reporting System

User ID:

Password:

submit
Expenditure Analysis

Transaction year/month: 2003  01  July 2003
Fiscal Year: 2000

Dimension/drillpath: Section  Fund  Category  Program

Character:  Support
            Local Assistance
            Capital Outlay

Run
## Analysis Report - First Level for Fiscal Year 2000 Transaction Month 200106
**Character:** 1 SUPPORT  
**Organization:** 4260 DEPARTMENT OF HEALTH SERVICES

<table>
<thead>
<tr>
<th>Sec</th>
<th>Description</th>
<th>Budget Plan</th>
<th>Year to Date Expenditures</th>
<th>Obligations &amp; Encumbrances</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>INFORMATION TECHNOLOGY SERVICES</td>
<td>.00</td>
<td>-621,714.07</td>
<td>2,429,702.12</td>
<td>-1,807,988.05</td>
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<tr>
<td>30</td>
<td>EXECUTIVE</td>
<td>.00</td>
<td>7,174,726.77</td>
<td>39,317.29</td>
<td>-7,214,044.06</td>
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<tr>
<td>31</td>
<td>LEGAL AFFAIRS</td>
<td>.00</td>
<td>-108,431.62</td>
<td>-2,281.49</td>
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<tr>
<td>32</td>
<td>LEGISLATIVE &amp; GOVERNMENT AFF</td>
<td>.00</td>
<td>-175,971.17</td>
<td>-333.08</td>
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<tr>
<td>33</td>
<td>CIVIL RIGHTS</td>
<td>.00</td>
<td>21,983.14</td>
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<td>40</td>
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<td>41</td>
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<tr>
<td>42</td>
<td>PRIM CARE/FAMILY HLTH</td>
<td>.00</td>
<td>6,362,745.86</td>
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<td>50</td>
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<tr>
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<tr>
<td>70</td>
<td>LICENSING &amp; CERTIFICATION</td>
<td>.00</td>
<td>10,229,446.63</td>
<td>17,090,211.07</td>
<td>-27,319,657.70</td>
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</table>
Vendor Payment Report

Vendor Type*: All Vendor Types
Vendor Name*: info
Vendor Number*:  
Claim Schedule Number*:  

* Please enter values for at least one of these fields.

Document Number:  
Suffix:  
Reference Number:  
Suffix:  
Invoice Number:  
Process Date [from - to]:  
Index [from - to]:  
PCA [from - to]:  

Run

Michael C. Genest, Director
California Department of Finance
## Vendor Number Lookup Listing

<table>
<thead>
<tr>
<th>Vendor #</th>
<th>Suffix</th>
<th>Vendor Name</th>
<th>Address 1</th>
<th>Address 2</th>
<th>City</th>
<th>State</th>
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<td>AHIMA-AMERICAN HLTH INFO MGMT</td>
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<td>IL</td>
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<td>380 N FIRST ST STE 200</td>
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<tr>
<td>0000016290</td>
<td>00</td>
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<td>WASHINGTON</td>
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<td>DC</td>
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<td>BURELLES INFORMATION SERVICE</td>
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<td>LIVINGSTON</td>
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<td>0000025600</td>
<td>00</td>
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<td>0000027307</td>
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<td>RANCHO CORDOVA</td>
<td>CA</td>
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<td>0000027297</td>
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<td>MN</td>
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<td>0000028237</td>
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<td>HEALTH INFO RESOURCE CTR</td>
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<td>1850 W WINCHESTER STE 213</td>
<td>LIBERTYVILLE</td>
<td>IL</td>
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<td>0000025629</td>
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<td>HEALTH INFORMATION SOLUTIONS</td>
<td>2545 CLUBHOUSE DR WEST</td>
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<td>ROCKLIN</td>
<td>CA</td>
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<td>0000026110</td>
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<td>TX</td>
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<td>P O BOX 4300-02</td>
<td></td>
<td>PORTLAND</td>
<td>OR</td>
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<tr>
<td>0000027511</td>
<td>02</td>
<td>INFORP INC</td>
<td>6000 SUNRISE VISTA DR STE</td>
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<td>CITRUS HEIGHTS</td>
<td>CA</td>
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<tr>
<td>0000004738</td>
<td>02</td>
<td>INFORMATION BUILDERS INC</td>
<td>P O BOX 7247-7482</td>
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<td>PHILADELPHIA</td>
<td>PA</td>
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<td>0000023230</td>
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<td>INFORMATION FOR PUBLIC AFFAIRS</td>
<td>(STATE NET)</td>
<td>2101 K STREET</td>
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<td>CA</td>
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<tr>
<td>0000016554</td>
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<td>INFORMATION MAPPING INC</td>
<td>411 WARELY OAKES ROAD</td>
<td></td>
<td>WALTHAM</td>
<td>MA</td>
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<tr>
<td>0000018351</td>
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<td>150 N CLINTON STREET</td>
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<tr>
<td>0000025548</td>
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<td>714 N WATSON RD STE 302</td>
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<td>ARLINGTON</td>
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<td>0000012465</td>
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<td>CA</td>
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<td>143 OLD MARLTON PIKE</td>
<td></td>
<td>MIDDLETOWN</td>
<td>NJ</td>
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<td>0000027605</td>
<td>02</td>
<td>INFOSOFT</td>
<td>425 W BONITA AVE STE 104</td>
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<td>SAN DIMAS</td>
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<tr>
<td>0000022035</td>
<td>02</td>
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<td>22 SAND LILY DRIVE</td>
<td></td>
<td>WINNIPEG</td>
<td>MB</td>
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<tr>
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<td>3100 S HARBOR BLVD #100</td>
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<td>0000026827</td>
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<td>21500 30TH DR SE STE 108</td>
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<td>BOTHELL</td>
<td>WA</td>
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<td>0000028616</td>
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<td>KANSAS CITY</td>
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<td>0000004763</td>
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<td>0000004770</td>
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<td>P O BOX 8628</td>
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<td>CHICAGO</td>
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</table>
Public Sector Innovation Areas

- Deficit Management
- Revenue Generation
- Program Integrity
- Operational Efficiencies
- Federal Funds Compliancy
- Citizen Services
State of Louisiana
Department of Children and Family Services
State of Louisiana Dept. of Children & Family Services
SNAP Fraud Analytics

- Challenge
  - Large transaction volume
  - Over 1 million beneficiaries, 4,000 retailers, $1 billion federal funding
  - Difficult to visualize trends and suspicious transactions

- Louisiana deployed a geographic business intelligence application for SNAP fraud detection to catch the illegal trafficking of EBT transactions across the state
  - Establishes relationships, trends, and patterns to identify fraud
  - Field investigators can easily establish suspicious behavior based on EBT transaction amounts, times and locations
  - Helped LA DSS with numerous successful investigations
  - Became the State’s EBT Disaster Management system after Katrina, helping to track the refugees and ensure proper services were being provided.
  - Funding provided by USDA FNS – Became public domain solution. Deployed in Mississippi and Oklahoma

- KSLA news report
State of Louisiana
Mapping Stores in Food Stamp Program

1. Select a report

2. Select an area

3. Run a report
State of Louisiana
Drill to Summary Reports for selected stores
State of Louisiana
Map displaying all customers who shop at a specific store
The report shows amounts spent by customer (EBT card). The inspector can then drill on a specific customer to get a detailed report of all purchases made during the period.

### Store Customer Summary
**JAN 2003**

**Store:** Store: 87

<table>
<thead>
<tr>
<th>Spending Group</th>
<th>Customer</th>
<th>Amount Spent</th>
<th># Transactions</th>
<th>Average Sale</th>
<th>% of Store Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>▲ 28 customers whose spending represents $7,596.22 of the store sales of $23,208.78</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average sales: $271.29 Average # transactions: 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Customer</th>
<th>Amount Spent</th>
<th># Transactions</th>
<th>Average Sale</th>
<th>% of Store Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>000128216</td>
<td>$786.52</td>
<td>6</td>
<td>$131.09</td>
<td>3.39%</td>
</tr>
<tr>
<td>0000120874</td>
<td>$414.00</td>
<td>8</td>
<td>$64.62</td>
<td>2.23%</td>
</tr>
<tr>
<td>0000076547</td>
<td>$338.08</td>
<td>3</td>
<td>$112.69</td>
<td>1.46%</td>
</tr>
<tr>
<td>000127116</td>
<td>$331.83</td>
<td>3</td>
<td>$110.61</td>
<td>1.43%</td>
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<tr>
<td>000058203</td>
<td>$311.68</td>
<td>7</td>
<td>$44.53</td>
<td>1.34%</td>
</tr>
<tr>
<td>000108146</td>
<td>$308.23</td>
<td>12</td>
<td>$25.69</td>
<td>1.33%</td>
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<tr>
<td>0000656125</td>
<td>$307.41</td>
<td>14</td>
<td>$21.96</td>
<td>1.32%</td>
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<tr>
<td>000785984</td>
<td>$304.00</td>
<td>1</td>
<td>$304.00</td>
<td>1.31%</td>
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<tr>
<td>000077235</td>
<td>$301.13</td>
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<td>$30.11</td>
<td>1.30%</td>
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<tr>
<td>000045234</td>
<td>$297.31</td>
<td>6</td>
<td>$49.55</td>
<td>1.28%</td>
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</table>
The visual nature of the application, which combines information collected by the BI application and linking it to GIS, enables the inspector to focus on specific stores and/or customers who may be involved in fraudulent activity.

### Store Transaction Summary - Selected Customers

Transactions made from 20030101 to 20030131

<table>
<thead>
<tr>
<th>Store Name</th>
<th>Store Type</th>
<th>Transaction Total</th>
<th>% Purchases</th>
<th># of Transactions</th>
<th>Average Transaction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Store: 87</td>
<td>Medium or Small Grocery</td>
<td>786.52</td>
<td>52.43%</td>
<td>6</td>
<td>$131.09</td>
</tr>
<tr>
<td>Store: 394</td>
<td>Supermarket</td>
<td>429.52</td>
<td>28.63%</td>
<td>4</td>
<td>$107.38</td>
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<tr>
<td>Store: 402</td>
<td>Supermarket</td>
<td>93.88</td>
<td>6.26%</td>
<td>2</td>
<td>$46.94</td>
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<tr>
<td>Store: 297</td>
<td>Supermarket</td>
<td>63.98</td>
<td>4.26%</td>
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<tr>
<td>Store: 197</td>
<td>Specialty Food</td>
<td>46.19</td>
<td>3.08%</td>
<td>2</td>
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<td>Store: 65</td>
<td>Supermarket</td>
<td>31.22</td>
<td>2.08%</td>
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<td>$31.22</td>
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<tr>
<td>Store: 265</td>
<td>Medium or Small Grocery</td>
<td>25.93</td>
<td>1.73%</td>
<td>5</td>
<td>$5.19</td>
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<tr>
<td>Store: 361</td>
<td>Convenience Store</td>
<td>9.08</td>
<td>0.61%</td>
<td>1</td>
<td>$9.08</td>
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<tr>
<td>Store: 365</td>
<td>Other Grocery Combination</td>
<td>7.14</td>
<td>0.48%</td>
<td>1</td>
<td>$7.14</td>
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<tr>
<td>Store: 148</td>
<td>Specialty Food</td>
<td>6.72</td>
<td>0.45%</td>
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<td>$2.24</td>
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**TOTAL**: 1,500.18

<table>
<thead>
<tr>
<th>% Total</th>
<th># of Transactions</th>
<th>Average Transaction</th>
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</thead>
<tbody>
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<td>$57.70</td>
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### Customer Transaction Detail

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<td>Store: 361</td>
</tr>
<tr>
<td></td>
<td>22:16</td>
<td>$58.19</td>
<td>Store: 394</td>
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<tr>
<td>2003/01/05</td>
<td>15:34</td>
<td>$88.40</td>
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</tr>
<tr>
<td></td>
<td>23:08</td>
<td>$7.14</td>
<td>Store: 365</td>
</tr>
</tbody>
</table>
Public Sector Innovation Areas

- Deficit Management
- Revenue Generation
- Program Integrity
- Operational Efficiencies
- Federal Funds Compliancy
- Citizen Services
NYC DataShare
Bi-lateral Point to Point Can Be Easy & Straight Forward

Custom-coded Application Interface

Courts
But, Point to Point Integration Can Become Complicated

Although traditional point to point integration begins simple and straightforward, it can get complicated and maintenance intensive.
New York City’s Complicated Point to Point Solution

- Omniform (NYPD) DB2/MVS
- OLBS (NYPD) Adabas/MVS
- Fingerprint NYSID
- eJustice Oracle
- NYS Arrests NYSID
- CRIMS(OCA) Datacpm/MVS

DataShare 2.0

- Arrests
- Inmate tracking
- Court actions
- Non-fingerprint arrests
- Court actions
- Arrests
- Inmate tracking
- Court actions

- Case Management (DA)
- CJIS (DoITT for Law)
- UDIIS (CJA)
- 18B Web (ACP)
- LAW

- Inmate tracking
- SSN
- Arrests
- Court actions
- Arrests
- Court actions
- Arrests
- Court actions

- (HRA)
- IIS(DOC) Admins/VMS

Solving NYC’s Integration Challenges
The DataShare Solution

- Integrating 25 agencies across justice system
- Each agency is a sending and receiving agency
- Intel Server installed at each agency
- Phased approach
  - Legacy exchanges first
  - GJXDM / NIEM messages next
Mayor Bloomberg Announces DataShare at Public Safety Speech to the Citizen's Crime Commission

Mayor Bloomberg today announced DataShare, a bold new technology initiative that will dramatically improve how police, prosecutors, courts and other criminal justice agencies communicate and share information. The $12 million, multi-agency initiative will connect the City’s agencies through a central hub, allowing them to share more information quicker than ever before and without compromising security.

Monday, May 02, 2005

- Read the press release
- Read the speech

Photo: July 01, 2003
Charlotte-Mecklenburg Police Department
Primary Project Goals

- Provide customized role-based delivery of crime data and predictive analytics to Officers and Command Staff.
- Support resource deployment through the use of real time information.
- Achieve better visualization of crime patterns and trends.
Predictive Crime Analytics

Filter

- Crime Category: Auto Theft
- Geography: CMPD
- Shading Level: Sub-Beat
- Future Day: 2010/10/31
- Shift: 1500-1859
- Weather Forecast:
  - Temp: 65°F
  - Rain: 0.00

Map showing crime predictions with different shaded areas representing different crime rates.
Public Sector Innovation Areas

- Deficit Management
- Revenue Generation
- Program Integrity
- Operational Efficiencies
- Federal Funds Compliancy
- Citizen Services
State of Colorado
TOP Home

The citizens of Colorado have chosen through the electoral process to provide a wide range of goods and services to the public using, taxes, fees, and grant resources. It is the job of every elected state official and state employee to maximize the value of those goods and services. Accountability is the process of demonstrating the value provided, and it can only be achieved when the sources and uses of public funds are transparent to the citizens.

The Transparency Online Project (TOP) System pulls together many of the ways that Colorado State Government demonstrates accountability. The TOP system was created by an Executive order of the Governor in April 2009 and endorsed by the legislature in House Bill 09-1288.

Additional information about the use and the support of this website is included in the menu bar above and links to other websites are on the left. A portion of this data is updated nightly.

WHAT THE CITIZENS PURCHASE

This system provides three ways to search for expenditure information. Each search method accesses the same information but presents the results in a different structure. The three search methods are:

WHERE THE MONEY COMES FROM
Department Expenditure Search

Who spent the money?

This is called the department search. It includes the twenty Executive Branch departments, the Judicial Branch, and the Legislative Branch. (You can learn more about the activities of each branch of government and the individual departments in the Executive Branch by visiting the Government section of the Colorado Official Web Portal at http://www.colorado.gov) The drill down path for this report will show you:

- Amounts spent for each department.
- Amounts spent by individual agencies within each department. The number of agencies within a department varies based on state statutes or on how the department chooses to organize its activities.
- The Fund (or Funds) the agency uses to record its activities. Funds are created in state statute by the Legislature or are required by generally accepted accounting principles. The number of funds in which an agency operates varies because of legislation or the type of activities it engages in.
- Expenditure Code Category is a broad category of the type of expenditures such as travel, supplies, or wages.
- Expenditure Code is the specific type of goods or services for which the expenditure occurred.
- Vendor Name is the name of the company or individual who received the payment. In those instances where the expenditure code amount was increased or decreased but no vendor payment was involved, the transaction information has been aggregated into categories. Examples of transactions not involving a vendor include transfers from one agency to another agency (most often required by legislative appropriation and called IT). Intragovernmental
Department Search Report for FY: 2011

**Export as XML**

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<th>Department</th>
<th>Department Name</th>
<th>AMOUNT</th>
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</thead>
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<td>CONTROLLER’S NON-OPERATING</td>
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<tr>
<td>A</td>
<td>DEPT OF PERSONNEL AND ADMINSTR</td>
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<tr>
<td>B</td>
<td>DEPARTMENT OF AGRICULTURE</td>
<td>$39,236,140.90</td>
</tr>
<tr>
<td>C</td>
<td>DEPARTMENT OF CORRECTIONS</td>
<td>$781,004,452.57</td>
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<tr>
<td>D</td>
<td>DEPARTMENT OF EDUCATION</td>
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<tr>
<td>E</td>
<td>OFFICE OF THE GOVERNOR</td>
<td>$554,644,163.16</td>
</tr>
<tr>
<td>F</td>
<td>DEPT OF PUBL HLTH &amp; ENVIRONMENT</td>
<td>$470,708,170.99</td>
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<tr>
<td>G</td>
<td>DEPARTMENT OF HIGHER EDUCATION</td>
<td>$9,854,343,456.64</td>
</tr>
<tr>
<td>H</td>
<td>COLO DEPT OF TRANSPORTATION</td>
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<tr>
<td>I</td>
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<td>J</td>
<td>JUDICIAL</td>
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<td>K</td>
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<td>M</td>
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<tr>
<td>N</td>
<td>DEPARTMENT OF LOCAL AFFAIRS</td>
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<tr>
<td>O</td>
<td>DEPARTMENT OF MILITARY AFFAIRS</td>
<td>$24,691,625.07</td>
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<tr>
<td>P</td>
<td>DEPT OF NATURAL RESOURCES</td>
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<tr>
<td>R</td>
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<td>S</td>
<td>DEPT OF REGULATORY AGENCIES</td>
<td>$75,319,525.22</td>
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<td>T</td>
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<td>$924,910,872.55</td>
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<tr>
<td>U</td>
<td>DEPT OF HLTH CARE POLICY &amp; FIN</td>
<td>$5,510,930,625.35</td>
</tr>
</tbody>
</table>
Dollars Coming to Colorado

A breakout of the estimated $7.2 billion in Recovery Act funds coming to Colorado

Approximate
(in millions)

Water $75
Public Safety $108
Natural Resources & Environment $118
Business $258
K-12 Education $350
Energy $542
Food, Housing & Assistance $562
Transportation $585
Other Direct Federal $650
Healthcare $862
Higher Education $893
Tax Cuts & Soc Sec $1,077
Unemployment Benefits & Job Training $1,118

This includes all Recovery Act funds coming to Colorado, including individual tax and safety net benefits, grants to local governments, non-governmental and private agencies and businesses, loans to businesses, and federal projects. More funds are expected to be announced in coming months.
Awards by Category

During the summer of 2010, the Governor's Economic Recovery Team conducted a detailed analysis of reports submitted to the federal government by more than 1,700 Colorado recipients of grants, contracts and loans to comply with Section 1512 of the Recovery Act. The Recovery Team compiled reports based on this data, that reflect spending as of June 30, 2009, to help the public understand how Recovery Act funds are being used. The pie chart below shows the types of recipients receiving grants, contracts and loans. This reflects how about one-third of all Recovery Act funds coming to Colorado are being used. The other two-thirds of funds are dedicated to tax cuts, tax credits and safety net benefits.

Click here to view a breakout of the award amounts.
<table>
<thead>
<tr>
<th>Category</th>
<th>Award Amounts</th>
<th>Number of Awards</th>
</tr>
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<tbody>
<tr>
<td>Government</td>
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<td>471</td>
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<tr>
<td>Private Sector</td>
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<tr>
<td>Non-Profit Orgs</td>
<td>$162,450,954.04</td>
<td>168</td>
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<tr>
<td>Education</td>
<td>$1,212,844,500.00</td>
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</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>Total Award Amount</th>
<th>Public Safety</th>
<th>Building Energy Efficiency and Weatherization</th>
<th>New Energy Research and Development</th>
<th>Job Training and Placement</th>
<th>Public Health and Environment</th>
<th>Public Assistance and Affordable Housing</th>
<th>Building Cost and Control Infrastructure</th>
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</thead>
<tbody>
<tr>
<td>Government</td>
<td>$1,686,151,002.55</td>
<td>$68,253,942.00</td>
<td>$242,517,475.00</td>
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<td>$43,112,395.00</td>
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<td>$20,000,000</td>
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<td>Non-Profit Orgs</td>
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<td>$8,894,262.20</td>
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<td>$16,482,371.00</td>
<td>$1,788,568.00</td>
<td>$621,878,337.00</td>
<td>$17,072,655.00</td>
<td>$30,000,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>Total Award Amount</th>
<th>Math, Physics, Chemistry</th>
<th>Engineering</th>
<th>Student Loans and Funding</th>
<th>Social Science Research</th>
<th>Higher Education Budget Support</th>
<th>Capital Construction</th>
<th>Biomedical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government</td>
<td>$1,686,151,002.55</td>
<td>$15,911,959.00</td>
<td>$16,482,371.00</td>
<td>$1,788,568.00</td>
<td>$621,878,337.00</td>
<td>$17,072,655.00</td>
<td>$30,000,000</td>
<td>$9,000,000</td>
</tr>
<tr>
<td>Private Sector</td>
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<td>$15,911,959.00</td>
<td>$16,482,371.00</td>
<td>$1,788,568.00</td>
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<td>$17,072,655.00</td>
<td>$30,000,000</td>
<td>$9,000,000</td>
</tr>
<tr>
<td>Non-Profit Orgs</td>
<td>$162,450,954.04</td>
<td>$15,911,959.00</td>
<td>$16,482,371.00</td>
<td>$1,788,568.00</td>
<td>$621,878,337.00</td>
<td>$17,072,655.00</td>
<td>$30,000,000</td>
<td>$9,000,000</td>
</tr>
<tr>
<td>Education</td>
<td>$1,212,844,500.00</td>
<td>$15,911,959.00</td>
<td>$16,482,371.00</td>
<td>$1,788,568.00</td>
<td>$621,878,337.00</td>
<td>$17,072,655.00</td>
<td>$30,000,000</td>
<td>$9,000,000</td>
</tr>
</tbody>
</table>
Public Sector Innovation Areas

- Deficit Management
- Revenue Generation
- Program Integrity
- Operational Efficiencies
- Federal Funds Compliancy
- Citizen Services
Minnesota Department of Education
Challenges with existing MDE web reports

- **Business / Academic**
  - Reports were not grouped based on role (parents, teachers, administration, analysts)
  - Parents could not easily get to school/district data performance metrics
  - Teachers could not view how their class results compared to their peers
  - Administrators could not easily compare school/district performances with other like size schools/districts
- MDE’s website reporting was a mash-up of Crystal reports and PDF documents
- Difficult to navigate, limited charts and graphs
Welcome to the Minnesota Department of Education’s Data Center. The center was designed to provide parents, educators, schools, districts and citizens with easy access to test results, revenue and expenditure data, demographic information and other critical data in a centralized location. The data previously included on the school report card pages is now available here.

What would you like to know about your district or school?

1. Select your data option...
   - How are students performing academically?
   - Are students meeting academic standards?
   - How are schools performing on federal AYP measures?
   - Are students making expected growth?
   - What is our graduation rate?
   - What is our staffing profile?
   - What type of student is enrolled?

2. Now select your district...
   If you want to see school results, select your school within the district...

3. Finally, select which type of results you would like to see...
   - STATEWIDE
   - All Schools
   - For Parents
   - Data Results for Parents are Summarized Reports based on information most requested.
   - For Educators
   - Data Results for Educators are Detailed Reports necessary for Best Practices Analysis.
Graduation Rate Trend

MINNETONKA PUBLIC SCHOOL DISTRICT

Four-Year Graduation Rate
This rate includes 9th grade students in 2006-2007 plus students who moved in minus students who moved out. The number of graduates included in this group is divided by the total.

2010 Graduation Rate

<table>
<thead>
<tr>
<th>Status</th>
<th>Count</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate</td>
<td>707</td>
<td>93.4%</td>
</tr>
<tr>
<td>Continuing</td>
<td>26</td>
<td>3.7%</td>
</tr>
<tr>
<td>Dropout</td>
<td>5</td>
<td>0.7%</td>
</tr>
<tr>
<td>Unknown</td>
<td>17</td>
<td>2.3%</td>
</tr>
<tr>
<td>Total</td>
<td>757</td>
<td>100%</td>
</tr>
</tbody>
</table>

EDEN PRAIRIE PUBLIC SCHOOL DISTRICT

Four-Year Graduation Rate
This rate includes 9th grade students in 2006-2007 plus students who moved in minus students who moved out. The number of graduates included in this group is divided by the total.

2010 Graduation Rate

<table>
<thead>
<tr>
<th>Status</th>
<th>Count</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate</td>
<td>687</td>
<td>83.9%</td>
</tr>
<tr>
<td>Continuing</td>
<td>77</td>
<td>9.4%</td>
</tr>
<tr>
<td>Dropout</td>
<td>15</td>
<td>2.0%</td>
</tr>
<tr>
<td>Unknown</td>
<td>38</td>
<td>4.8%</td>
</tr>
<tr>
<td>Total</td>
<td>819</td>
<td>100%</td>
</tr>
</tbody>
</table>
Your current data search results:

How are schools performing on federal AYP measures?

- STATEWIDE
  - All Schools

AYP Status History

<table>
<thead>
<tr>
<th>STATEWIDE</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
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<tbody>
<tr>
<td>Math</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Reading</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Attendance</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Graduation</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

KEY: Yes = Making AYP  No = Not making AYP

2011 At A Glance

STATEWIDE

<table>
<thead>
<tr>
<th>Proficiency Index:</th>
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</thead>
<tbody>
<tr>
<td>Math</td>
</tr>
<tr>
<td>Reading</td>
</tr>
</tbody>
</table>

Other Indicator:

Attendance: 94.7%
Graduation: 92.8%

TITLE:

STATEWIDE is Not Making AYP. STATEWIDE is Not a Title I school.

STATEWIDE

1500 Highway 36 West Roseville MN 55113-4256
tel 651 582 8200
web: http://education.state.mn.us

AYP  FAQ  Glossary  Improvement Plan
What data do you need?

Accountability and Assessment
- Adequate Yearly Progress (AYP)
- Annual Measurable Achievement Objectives (AMAO)
- Assessment and Growth Files
- Elementary and Secondary Education Act (ESEA)
- Sub Score Report

District Information
- District and School Contacts
- School Technology Plans and Approval Letters
- Schools And Districts
- Staff Development Reports

Early Learning
- Early Childhood Special Education District Data Profiles
- Early Learning Services (ELS)

School Finance
- Consolidated Financial Reports
- Facilities and Technology
- Minnesota Funding Reports (MFR)
- Minnesota Funding Reports (MFR) for County Auditors
- Transportation

Special Education
- Special Education School District Profiles

Staffing
- Staff
- Staff License and Permissions

Student Enrollment
- Child Count
- Safe and Healthy Minnesota Students (SAHMS)
- Student
Chicago Metropolitan Agency for Planning
The Chicago Metropolitan Agency for Planning (CMAP) is the official regional planning organization (MPO) for 7 counties around City of Chicago. CMAP developed and now guides GO TO 2040, metropolitan Chicago's first comprehensive regional plan in more than 100 years.

http://www.cmap.illinois.gov
Open Government

- Open government initiative by White House (2009): transparent, participatory, collaborative
- A key trend for U.S. governments: open government and the transparency of information
- “Open government initiatives will begin to visibly impact collaboration among agencies, programs, and processes, leading to visible and measurable improvements in the quality of citizen experiences and interaction with government.”

Source: IDC's *U.S. Government 2011 Top 10 Predictions report*
Purposes of the MetroPulse Website
http://www.metropulsechicago.org/#

- Create a single public website to:
  - Help citizens track quality-of-life information in Chicago metropolitan region
  - Promote data transparency, openness and sharing among government agencies
  - Build a powerful platform for data analyzing, visualizing, and communicating for researchers and developers
MetroPulse is a web resource of the Regional Indicators Project, created in partnership by The Chicago Community Trust and the Chicago Metropolitan Agency for Planning. This customizable site provides extensive data about issues that shape the livability of our communities. MetroPulse was created to facilitate effective decision making and to measure the region’s progress in implementing the GO TO 2040 comprehensive plan.

**ECONOMY**
unemployment rate

10.5% of workforce

learn more

**CULTURE**
arts employment

29,783 people

learn more

**ECONOMY**
poverty rate

11.7% of the population

learn more

**ENVIRONMENT**
greenhouse gas emissions

139.8 million metric tons

learn more

**TRANSPORTATION**
weekday trips on public transit

approximately 2 million

learn more

**HEALTH**
infant mortality

7.17% of live births

learn more

**EDUCATION**
educational attainment

40.8% of adults age 25+ have at least an associate degree

learn more

**LAND USE**
land considered underutilized (Infill)

more than 100,000 acres

learn more

**SAFETY**
violent crimes

564.1 per 100,000 population

learn more

**COORDINATED ...**
previous plan implementation

41.3% of municipalities adopted recommendations

learn more
**Unemployment Rate**

**Chicago MSA (metropolitan statistical area)**

Source: Illinois Department of Employment Security

Unemployment rates track the portion of the workforce age 16+ who are employed or unemployed that are looking for and available to work. Unemployment negatively impacts regional quality of life by making it difficult for families to purchase the goods and services they need, such as housing, food, and education. To access quarterly unemployment data, click on the Drill Deeper into Data link. (Source: Illinois Department of Employment Security)
Unemployment Rate
All counties in the 7-county Chicago region
Source: Illinois Department of Employment Security

Select a Period
1974
1975
1976
1977
1978
1979
1980
1981
1982

Add a Place
Kane
Kendall
Lake
McHenry
Will

Remove a Place
Cook
DuPage

Data
Place | Time Period | Value
----- |------------|------
Cook  | 1974       | 4.00
Cook  | 1975       | 8.00
Cook  | 1976       | 7.00
Cook  | 1977       | 6.00
Cook  | 1978       | 6.00
Cook  | 1979       | 6.00
Cook  | 1980       | 8.00
Cook  | 1981       | 9.00
**Number of Jobs Near Affordable Housing**

*All counties in the 7-county Chicago region*

Source: CMAP analysis of U.S. Census Bureau data

<table>
<thead>
<tr>
<th>Place</th>
<th>Time Period</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
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<td>DuPage</td>
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<td>Kane</td>
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<td>104,129.00</td>
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<td>12,917.00</td>
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<td>Lake</td>
<td>2000</td>
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<td>McHenry</td>
<td>2000</td>
<td>59,026.00</td>
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<tr>
<td>Will</td>
<td>2000</td>
<td>139,064.00</td>
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Summary
Information Builders in Public Sector

Summary

- Leverage standards for information exchange
- Enable collaboration across departments while leveraging existing technology investments
- Make more informed decisions when balancing budgets
- Reduce waste, fraud, abuse, and improve efficiency
- Gain more favorable funding from the state or federal government
- Provide higher service levels to your constituents
Information Builders in Public Sector
Enabling Information Advantage Across Government

Right information, right people, right time!
Questions