Paint by Number: How to Communicate Financial Information in Visuals
Data Visualization: Internal Communication
Solid Waste Operating Revenues and Expenses – Last 5 Years

Source: Rushton and Company
What Services Your Property Taxes Fund

Estimated property taxes on a property with a fair market value of $150,000.00 for tax year 2017 are: $2,121.60*

County Government Taxes: $810.60

<table>
<thead>
<tr>
<th>Service</th>
<th>Per Year</th>
<th>Per Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Safety and Courts</td>
<td>$593.54</td>
<td>$1.60</td>
</tr>
<tr>
<td>Sheriff and Judicial</td>
<td>$245.00</td>
<td>$0.67</td>
</tr>
<tr>
<td>Fire EMS</td>
<td>$192.00</td>
<td>$0.53</td>
</tr>
<tr>
<td>Police</td>
<td>$96.00</td>
<td>$0.26</td>
</tr>
<tr>
<td>Public Safety</td>
<td>$50.54</td>
<td>$0.14</td>
</tr>
<tr>
<td>Voter Approved Debt (Jail)</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Recreation</td>
<td>$57.00</td>
<td>$0.16</td>
</tr>
<tr>
<td>Transportation</td>
<td>$50.46</td>
<td>$0.14</td>
</tr>
<tr>
<td>Library</td>
<td>$33.30</td>
<td>$0.09</td>
</tr>
<tr>
<td>General Government</td>
<td>$25.26</td>
<td>$0.07</td>
</tr>
<tr>
<td>Health and Human Services</td>
<td>$16.26</td>
<td>$0.04</td>
</tr>
<tr>
<td>Code Enforcement</td>
<td>$11.66</td>
<td>$0.03</td>
</tr>
<tr>
<td>Community Services and Development - General Fund</td>
<td>$10.02</td>
<td>$0.03</td>
</tr>
<tr>
<td>Community Services and Development - Dev/Enforcement</td>
<td>$9.94</td>
<td>$0.03</td>
</tr>
<tr>
<td>Other</td>
<td>$12.36</td>
<td>$0.03</td>
</tr>
</tbody>
</table>

*Source: www.gwinnettcountry.com
As of December 31, 2016, the County has 7 months worth of expenditures in fund balance. As the Tax Funds’ predominate revenue stream (property taxes) will not come in until September/October, the County needs to be able to fund 9-10 months of expenditures until then.

Tax Funds include: General Fund, Fire & EMS Service District, Police Service District, Development & Enforcement Service District, and Recreation.

Source: The County’s Comprehensive Annual Financial Reports
Gwinnett County
Trend Analysis of Tax Revenue per capita

Source: The County’s Comprehensive Annual Financial Reports
Pension & OPEB Funding Progress

Gwinnett County Pension and OPEB Funds
Funding Progress – Actuarial Valuation Date

<table>
<thead>
<tr>
<th>Date</th>
<th>Pension</th>
<th>OPEB Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/1/2013</td>
<td>56.60%</td>
<td>70.80%</td>
</tr>
<tr>
<td>1/1/2014</td>
<td>58.90%</td>
<td>83.90%</td>
</tr>
<tr>
<td>1/1/2015</td>
<td>60.20%</td>
<td>88.90%</td>
</tr>
<tr>
<td>1/1/2016</td>
<td>66.35%</td>
<td>80.00%</td>
</tr>
<tr>
<td>1/1/2017</td>
<td>70.30%</td>
<td>79.20%</td>
</tr>
</tbody>
</table>

Funded Ratio
Valuation of Pension under New GASB Standards
89.3% at 12/31/14
74.7% at 12/31/15
74.7% at 12/31/16

Source: The respective Annual Financial Reports
Your Pennies at Work

2009 SPLOST Program: $52.4 million

Fire Academy Expansion
Expansion includes:
- New building for classroom and technology upgrades, new apparatus driving pad, new three-bay apparatus building
- Enhancements to assist with conducting classes, training and planning sessions
- Funding for this project comes from 2005 and 2009 SPLOST program

Fire Station 31 Construction
Construction includes:
- New 14,300-square foot facility that will service Georgia Gwinnett College area
- Features include: community classroom, drive-through apparatus bay, industrial grade kitchen, workout room, shower and restroom, office space, and bunkrooms with private sleeping quarters

Fire Station 10 Relocation
Construction includes:
- New 14,300-square foot facility that will replace existing station at Russell Road and Buford Drive
- Features include: community classroom, drive-through apparatus bay, industrial grade kitchen, workout room, shower and restroom, office space, and bunkrooms with private sleeping quarters
Travel Reporting Dashboard
Infographic for Georgia Public Libraries

**Georgia Public Libraries**
2016 Quick Look

- **3,948,476** Georgians own library cards!
- **2686** Full-time Library Staff
- **399** Buildings
- **63** Library Systems
- **10** Deserted

- **617** State Certified Public Librarians
- **831,537** Hours Open
- **37,636,105** Visits
- **27,596,661** In-Person / **9,639,444** Online

**Services and Activities**
- **38,203,657** Total Materials Circulated
- **2,446,519** people attended over 80,000 programs
- **1,480,855** GALILEO Searches
- **16,166,602** Youth Materials Circulated
- **448,174** Talking Book Circulations

**Technology in Libraries**
- **9,353** Public-Access Internet Computers
- **11,927,059** User Sessions
- **4,565,265** Wireless Sessions

 TOTAL FUNDING
$202,898,705

- **$4,503,374** (Endowed)
- **$32,869,513** (State)
- **$165,525,858** (Local)

81.6%
Thank You!

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Since 1927, the Carl Vinson Institute of Government has been an integral part of the University of Georgia. A public service and outreach unit of the university, the Institute of Government is the largest and most comprehensive university-based organization serving governments in the United States through research services, customized assistance, training and development, and the application of technology.
Data Visualization: Communicating with the Public
The searchable maps below show the most recent immunization data reported by each school to the Washington State Department of Health (DOH). The size of each dot represents the number of students enrolled in the school. Each school is color-coded to indicate the percent of students who are "complete" (i.e., fully up-to-date on required immunizations or have given proof of acquired immunity). This information is based on what schools report and may include errors.

Find immunization rates at a King County school

Search completion rates for all King County schools, K-12 for year 2016-17
Total Transactions

2.17 million

This figure represents spending through the Commonwealth's accounting and payroll systems and includes the use of appropriated, capital, federal grant, trust, and non-tax revenue funding sources.

Explore All Spending

Top Department

$14.45 Billion
EXECUTIVE OFFICE OF HEALTH A...

Top Vendor

$2.23 Billion
BOND REDEMPTION (PRINCIPAL)

Top Object Class

$16.63 Billion
( RR ) BENEFIT PROGRAMS
Helsinki 3D City: Open Data Initiative
In 2016, about 1 in 9 renter households in Richmond were issued eviction judgments. Judgments issued in majority white neighborhoods were far less common.

5,803
2016 eviction judgments
Academic Research

- Bohman (2015) “Civic Participation and Empowerment through Visualization”
Communicating Data Internally and Externally
Questions:
Speakers will take questions and comments. This session is being recorded, please utilize the microphone in the aisle to ask all questions.

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Discuss/Comment:
Join the discussion at #GFOA2018

Contact GFOA:
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