



data.ny.gov

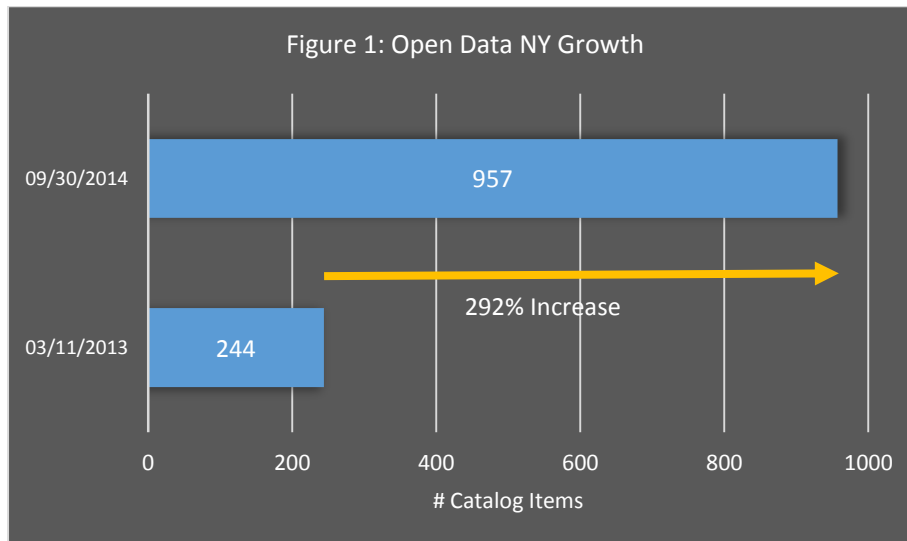
Quarterly Report
October 2014

Quarterly Report Summary

- Data on the Open NY Perform is available across ten categories, offering a record high of 957 data catalog items.
- The State has more than tripled the number of data catalog items since launch on March 11, 2013, increasing 292%.
- The State’s data.ny.gov website has been accessed in over 170 countries and territories, all 50 States and Washington D.C., and over 8,000 cities worldwide – including over 6,000 U.S. cities.
- The number of participating agencies in the State’s Open Data initiative has increased 58% since launch.
- The State has expanded the number of open data records on the Open Data platform to more than 66 million since launch.

Continuing Remarkable Growth

Thanks to outstanding efforts across government agencies, the number of data catalog items on the Open NY platform has more than tripled, increasing 292% since the launch of data.ny.gov (see Figure 1). By proactively releasing data, NYS is enhancing transparency as well as public awareness and accessibility to data. Data.ny.gov has created extraordinary opportunity to explore, discover, and utilize data in ways never before possible.



Open NY in Action

- **National Recognition for Open NY**

In August 2014, Washington, D.C.-based Center for Data Innovation released *State Open Data Policies and Portals*, containing an analysis of all 50 States. New York State, once again, was recognized as one of the top States for Open Data. New York State was one of six States which received the highest ranking and maximum number of points on the Center's rating scale. The Center for Data Innovation report follows the recognition received by New York State from the National Association of State Chief Information Officers (NASCIO) in May 2014, as "an impressive open data initiative" with "the publication of a very comprehensive handbook on open data that should be in the reference library for any open data initiative."

New York State received the maximum number of points in each category including: Policy, Policy Quality, Portal, Portal Quality.

- **Citizen Engagement**

- ✚ **NYS Health Innovation Challenge**

Following a successful launch, the Health Innovation Challenge application submissions have been received and judging is currently underway with winners to be announced in October 2014.

Employers, communities, purchasers, public health experts and consumers are seeking information to help them better understand and navigate the health care delivery system. The [NYS Health Innovation Challenge](#) is offering a total of \$43,000 in prizes for innovative applications which specifically help individuals make informed decisions about their health care. The "Healthy Connections = Healthy Communities" solutions may be web-, mobile- or desktop-based and built with information found at Health Data NY, data.ny.gov, and other open data sites.

- ✚ **Upcoming Western New York Civic App Challenge**

On Wednesday September 10th, the AT&T Western New York Civic App Challenge held its kickoff event in Buffalo. It is a two month virtual hackathon for WNY's most talented computer scientists, software developers and hardware engineers to build products that have the potential to benefit the local community. Teams submitting mobile apps must include at least one member who is a current resident of the eight counties that make up the region (Cattaraugus, Chautauqua, Erie, Wyoming, Genesee, Orleans, Niagara and Allegany) or attends one of the region's institutions of higher education. Submissions are due online by Monday November 10th – 11:59 PM. Awards will be Thursday November 20th at 11am. See more at: <http://attwny.hackupstate.com/>

Upcoming Central New York Civic App Challenge

On Thursday September 11th, the AT&T Central New York Civic App Challenge held its kickoff event at the Syracuse Tech Garden. It is a two month virtual hackathon for CNY's most talented computer scientists, software developers and hardware engineers to build products that have the potential to benefit the local community. One member of each team must be a resident or attend an institute of higher learning within one of the 12 counties of Central New York (Onondaga, Oswego, Seneca, Cayuga, Cortland, Tompkins, Herkimer, Oneida, Madison, Lewis, Jefferson, and St. Lawrence). Submissions are due online by Tuesday November 11th – 11:59 PM. Awards will be Wednesday November 19th at 10am. See more at: <http://attcny.hackupstate.com/>

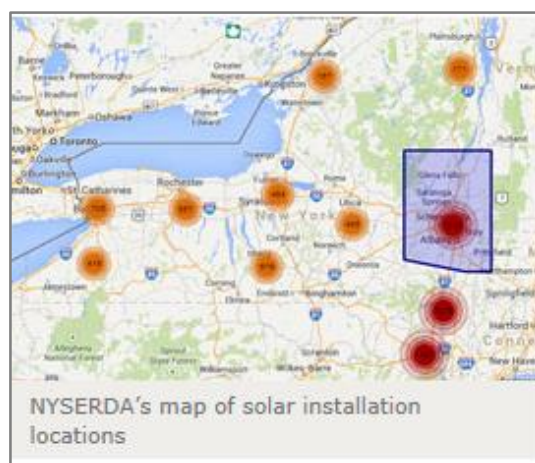
Visualizing Open Data

- Visualizing Raw Data

In August 2014, the New York State Energy Research and Development Authority (NYSERDA) published the Solar Photovoltaic (PV) Incentive Program Projects dataset which provides information on nearly 10,000 solar projects on Open NY to support the solar industry in New York State.

As was illustrated in the July 2014 Quarterly Report, visualizations can render complex data into vivid images which, when combined with associated metadata and documentation, are even more dynamic. They can maximize understanding of data; tell compelling stories; identify trends; help distill information; and transform raw data into actionable insight. *Solar Magazine* (<http://bit.ly/1vxsxx3>) highlighted NYSEDA's release on Open NY of information on nearly 10,000 solar projects to support the solar industry in New York State, and included links to the datasets on data.ny.gov and embedded the map below (Figure 2).

Figure 2



The visualizations below were created using the data from the Solar Photovoltaic (PV) Incentive Program Projects dataset. Figure 3 depicts the number of solar PV installations by size and cost over

time. It provides dimension to the tabular data, providing context and telling a data story: From 2003- 2013, as the amount of smaller 0-10 kW size solar PV projects has increased, so has the amount of larger solar PV projects. At the same time the cost of installing each kW has decreased.

The graph in Figure 4 shows a snapshot of the last three years of the programs and graphs the time in months from application for an incentive to project installation for all Solar PV projects in the NYSERDA Solar Photovoltaic (PV) Incentive Program. It also shows the size in kW of the nearly 6,800 projects and which sector the project was installed in.

Figure 3

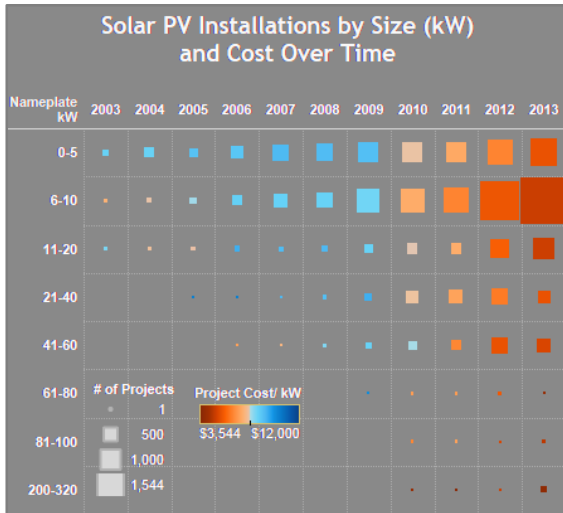
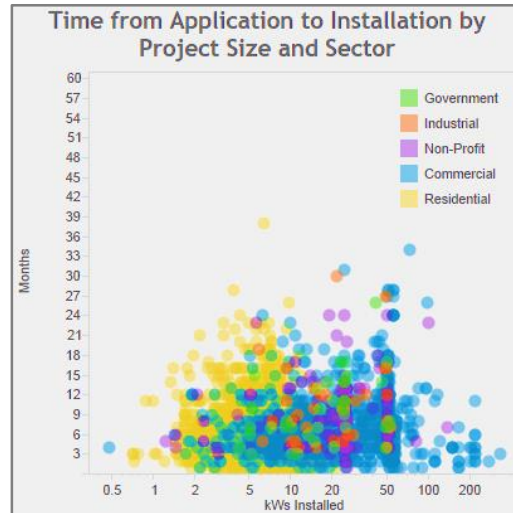


Figure 4



Figures 5 and 6 below illustrate concentrations of Solar Installations across New York State over time. There were 230 kW installed in 2003, and 120,640 kW installed through 2013 through NYSERDA's Solar Photovoltaic Incentive Program.

Figure 5

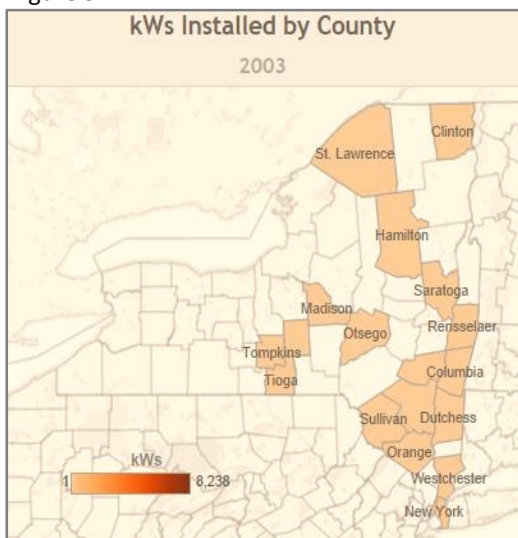
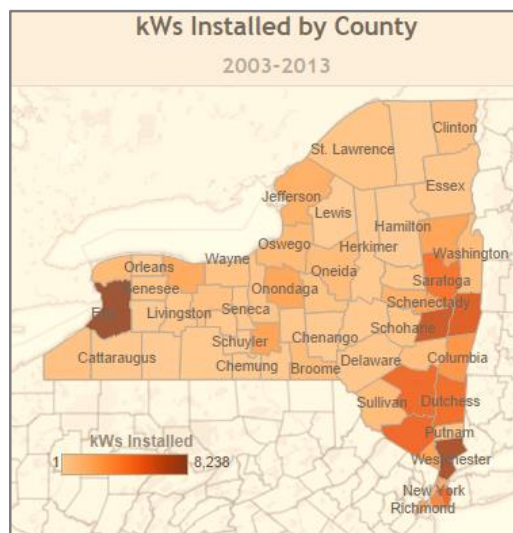


Figure 6



- **Data is Accessible Across a Wide Range of Categories and Agencies**

Visualizing data can be a powerful and effective tool to maximize understanding. In addition to tabular data, numerous data visualizations are represented on the open data portal including maps, charts, and filtered views enhancing the public’s experience.

To illustrate, figures 7, 8, and 9 depict data catalog items in a variety of ways: Catalog Items by Category (Figure 7); Catalog Items by Category and Type of Dataset (Figure 8); and Catalog Items by Agency and Category (Figure 9).

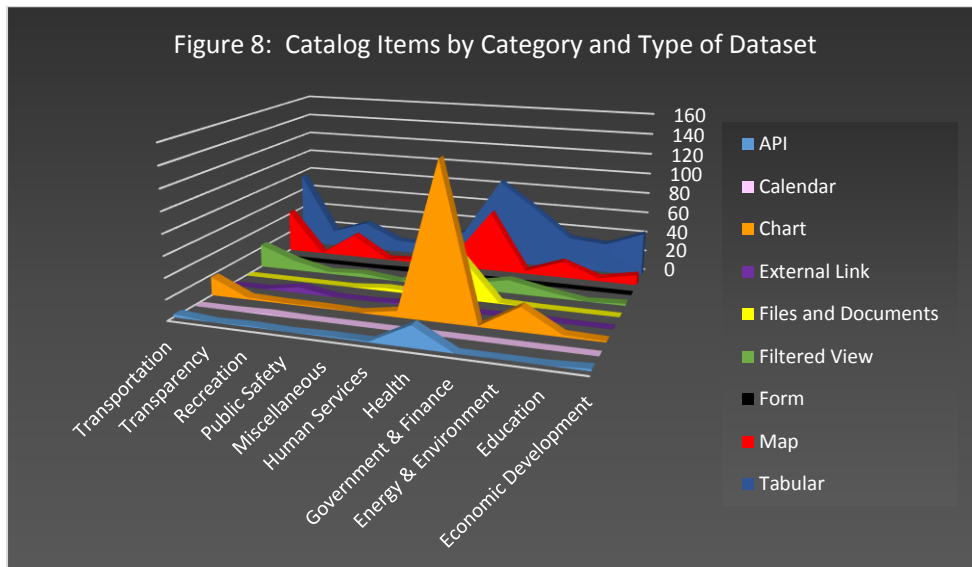
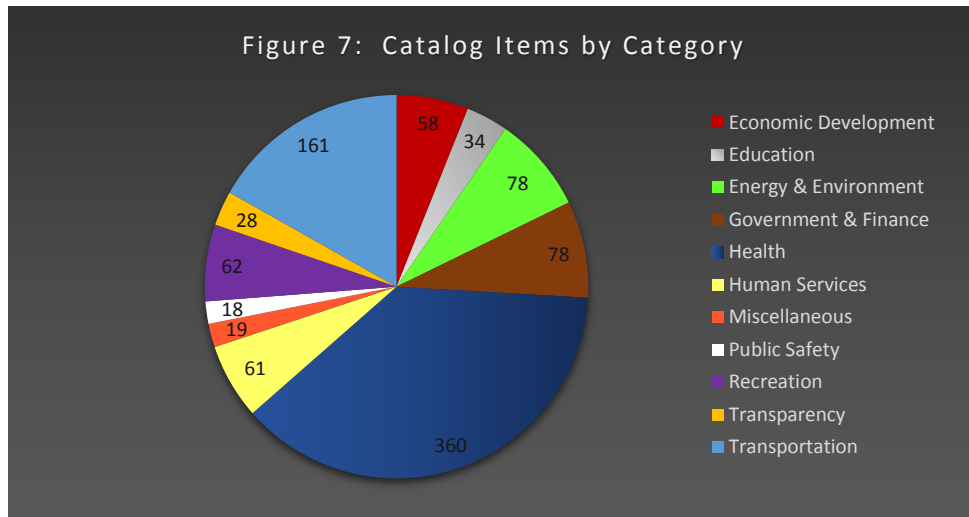
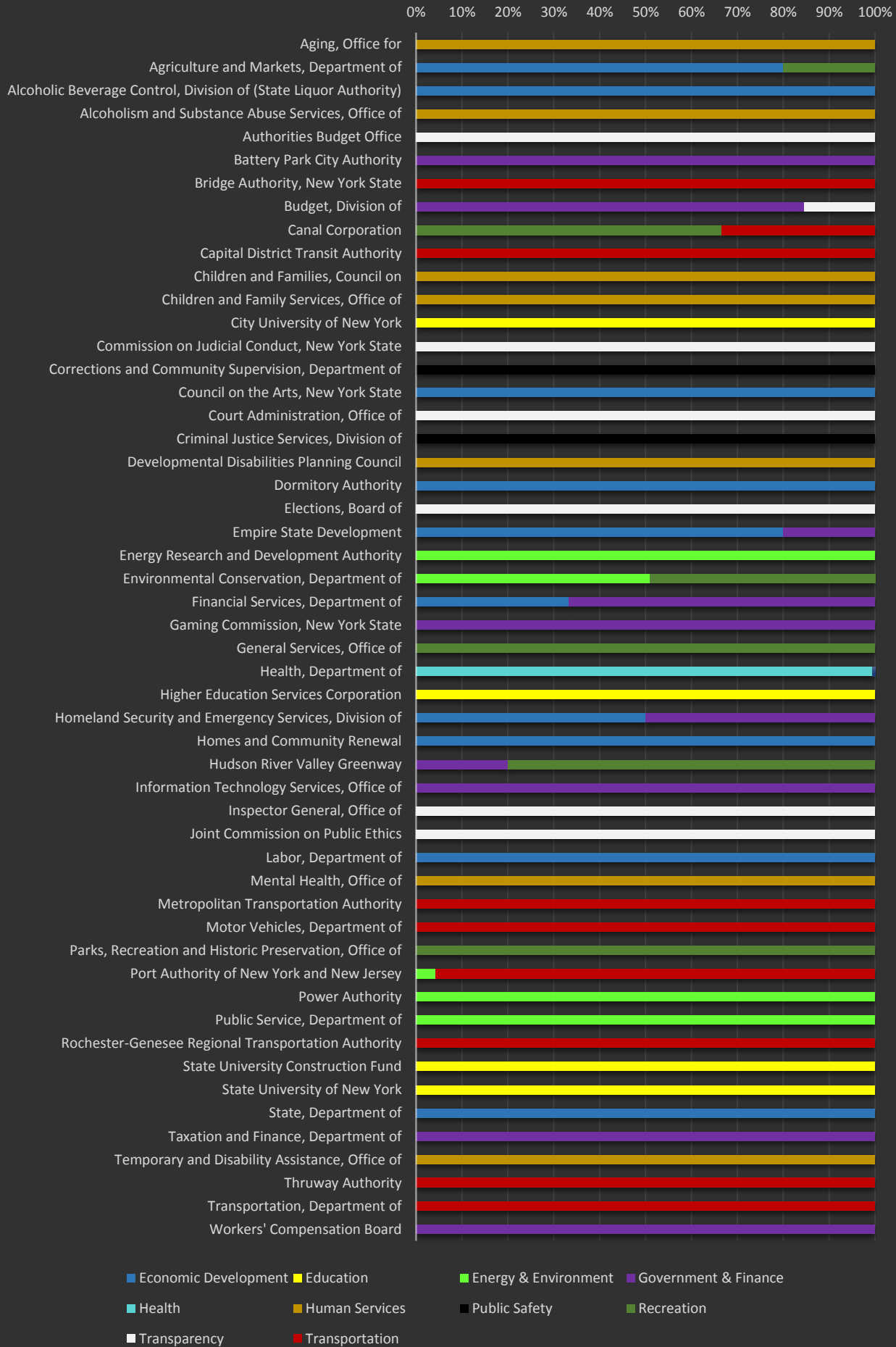


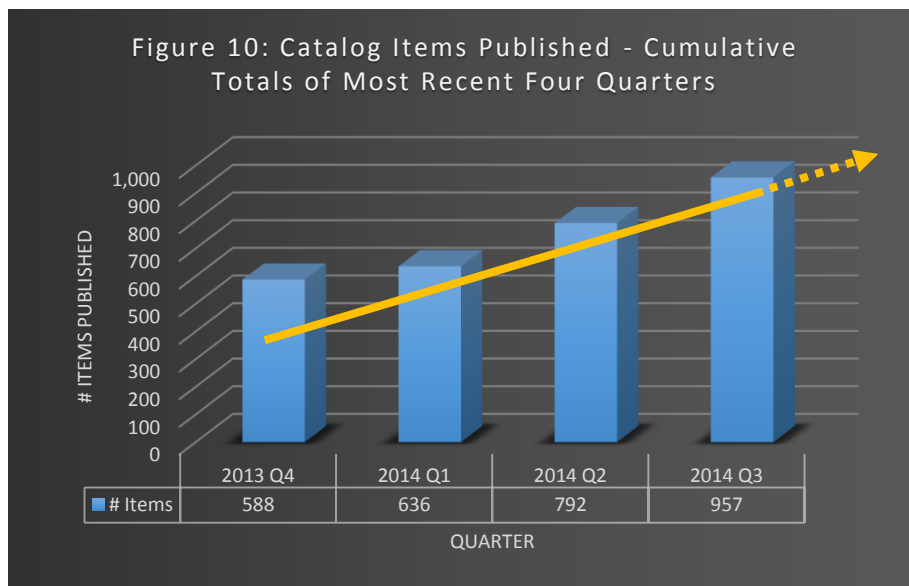
Figure 9: Catalog Items by Agency and Category



Ongoing and Continuous Expansion

As highlighted in the [New York State Open Data Handbook](#), open data is a major achievement in improving the way New York State government agencies share information to promote efficiency, accessibility and transparency. It is a strategic approach to making data easier to find, access, analyze, and utilize. It is advancing a new enterprise-wide understanding of data requiring, at a minimum: metadata, data dictionaries, and overview documents to accompany each dataset. This documentation maximizes the public's understanding and reuse of the data.

New York State's open data initiative is an ongoing and continuing effort. The numbers reflect the dramatic progress that has been made to date (see Figure 10 displaying cumulative totals for the previous four quarters). Every quarter, data.ny.gov continues to expand the number of data catalog items in multi-dimensional ways across multiple sectors and agencies. Data.ny.gov is a dynamic, living platform, where the breadth and depth of data and agency participation are continually being enhanced and expanded.



Appendix A: Published Entities (as of 9/30/2014)

Aging, Office for
Agriculture and Markets, Department of
Albany, City of
Alcoholic Beverage Control, Division of
(State Liquor Authority)
Alcoholism and Substance Abuse Services,
Office of
Authorities Budget Office
Battery Park City Authority
Bridge Authority, New York State
Broome County
Budget, Division of
Canal Corporation
Capital District Transportation Authority
Children and Families, Council on
Children and Family Services, Office of
City University of New York
Commission on Judicial Conduct, New York
State
Corrections and Community Supervision,
Department of
Council on the Arts, New York State
Court Administration, Office of
Criminal Justice Services, Division of
Developmental Disabilities Planning Council
Dormitory Authority
Elections, Board of
Empire State Development
Energy Research and Development
Authority
Environmental Conservation, Department of
Essex County
Financial Services, Department of
Gaming Commission, New York State
General Services, Office of
Health, Department of
Higher Education Services Corporation
Homeland Security and Emergency Services,
Division of
Homes and Community Renewal
Hudson River Valley Greenway
Information Technology Services, Office of
Inspector General, Office of
Joint Commission on Public Ethics
Labor, Department of
Mental Health, Office of
Metropolitan Transportation Authority
Motor Vehicles, Department of
Oneida County
Onondaga County
Parks, Recreation and Historic Preservation,
Office of
Port Authority of New York and New Jersey
Power Authority
Public Service, Department of
Rochester-Genesee Regional Transportation
Authority
State, Department of
State University Construction Fund
State University of New York
Suffolk County
Taxation and Finance, Department of
Temporary and Disability Assistance, Office
of
Thruway Authority
Transportation, Department of
Workers' Compensation Board

Appendix B: Published Catalogue Items: July-September 2014

In the third quarter of 2014, State agencies collectively added 165 new catalogue items to the site. The flow of information within and outside government is facilitating new dialogues, and providing a deeper understanding of data and its value as a strategic asset. The proactive release of publishable data is dynamically creating concentrations of data and communities of interest.

In furtherance of Quality by Design, and per the guidelines of the Open Data Handbook, agencies engage in an internal process to identify potential datasets eligible for public release. Prior to, and up through publication of any dataset, a comprehensive analysis is undertaken by each agency to review data content, quality, and accuracy of such dataset (as well as an assessment of the metadata, overview documents, and data dictionaries). Such review and internal approval is critical to assuring quality of potential publishable data, as well as compliance with all security, privacy, confidentiality laws, rules, and regulations. Once such reviews are complete, if the data is assessed as publishable, it is published to data.ny.gov.

New Q3 2014 Data Catalogue Items

Air Monitoring Station Locations & Attributes
Air Monitoring Station Locations & Attributes Map
Amphibian and Reptile Biodiversity by County
Annual Cash or EZPass Usage Line Graph
Annual Youth Detention Admissions by County: Beginning 2006
Artificial Reefs Managed by New York State Department of Environmental Conservation
Artificial Reefs Managed by New York State Department of Environmental Conservation Map
BHO Medication Fill Data: Beginning 2010
BHO MH Continuity of Care: Beginning 2010
BHO MH Engagement in Care: Beginning 2010
BHO MH Readmission: Beginning 2010
BHO SUD Continuity of Care: Beginning 2010
BHO SUD Engagement in Care: Beginning 2010
BHO SUD Readmission: Beginning 2010
Biodiversity by County - Distribution of Animals, Plants and Natural Communities
Biodiversity of Birds - Distribution by County
Biodiversity of Plants - Distribution by County
Biodiversity of Rare or Endangered Animals and Plants - Distribution by County
Biosolids Storage & Processing - Solid Waste Management Facilities Map
Boats For Hire Near NYS Canal System
Boats for Hire Near NYS Canal System Map
Bridges To Health Service Agencies
Bridges To Health Service Agencies Map
Butterfly, Moth, Dragonfly and Damselfly Biodiversity - Distribution by County
Canal System Boat Launches Across New York State Map
Child Welfare and Community Services Funded Programs
Child Welfare and Community Services Funded Programs Map

Children in Foster Care Annually: Beginning 1994
 Children in Foster Care, by County, Annually: Beginning 1994
 Community Health Indicator Reports (CHIRS): Latest Data
 Community Health: Age-adjusted Cardiovascular Disease Hospitalization Rate per 10,000 by County Map: Latest Data
 Community Health: Age-Adjusted Percentage of Adults with Physician Diagnosed Diabetes by County Map: Latest Data
 Community Health: All Cancer Incidence Age-adjusted Rate per 100,000 by County Maps: Latest Data
 Community Health: All Cancer Incidence Rate per 100,000 by County Map: Latest Data
 Community Health: Asthma Hospitalization Rate per 10,000 - Aged 0-17 Years by County Map: Latest Data
 Community Health: Chlamydia Case Rate per 100,000 Females - Aged 15-19 years by County Map: Latest Data
 Community Health: Diabetes Short-term Complications Hospitalization Rate per 10,000 - Aged 18+ Years by County Map: Latest Data
 Community Health: Incidence of Confirmed High Blood Lead Level ≥ 10 mg/dl Rate per 1,000 Tested Children Aged < 72 months by County Map: Latest Data
 Community Health: Lung and Bronchus Cancer Incidence Rate per 100,000 by County Map: Latest Data
 Community Health: Lyme Disease Incidence Rate per 100,000 by County Map: Latest Data
 Community Health: Percentage of High School Drop Outs by County Map: Latest Data
 Community Health: Percentage of Labor Force Unemployed by County Map: Latest Data
 Community Health: Percentage of Medicaid Enrollees with At Least One Dental Visit Within the Last Year by County: Latest Data
 Community Health: Percentage of Pregnant Women in WIC who were Pre-pregnancy Obese (BMI 30 or Higher) by County Map: Latest Data
 Community Health: Percentage of Premature Births with < 37 Weeks Gestation by County Map: Latest Data
 Community Health: Percentage Premature Deaths - Aged < 75 years by County Map: Latest Data
 Community Health: Teen Pregnancy Rate per 1,000 Females - Aged 15-17 years by County Map: Latest Data
 Community Health: Total Emergency Department Visit Rate per 10,000 by County Map: Latest Data
 Community Health: Unintentional Injury Hospitalization Rate per 10,000 by County Map: Latest Data
 Community Health: Work-Related Hospitalization Rate per 100,000 Employed Persons Aged 16+ Years by County Map: Latest Data
 Community Multi-Service Office (CMSO), Intake, and Evening Reporting Center (ERC) Offices
 Community Multi-Service Office (CMSO), Intake, and Evening Reporting Center (ERC) Offices Map
 Composting - Solid Waste Management Facilities Map
 Congregate and Home Delivered Meals Served Annually by the Office for the Aging Chart: Beginning 1974
 Congregate Meals Served, by County, by the Office for the Aging: Beginning 1974
 Construction and Demolition (C&D) Debris - Solid Waste Management Facilities Map
 Corporate Tax Credit Utilization: Beginning Tax Year 2006
 Creating Healthy Places Child Focused Interventions and Student Weight Status County Map

Draft State Facility Permits
Draft Title V Facility Permits
E- ZPass Usage Statistics: Beginning 2008
Environmental Radiation Surveillance Brookhaven National Laboratory Readings: Beginning 2009
Environmental Radiation Surveillance Brookhaven National Laboratory Water Cesium-137
Readings: Beginning 2009
Environmental Radiation Surveillance Brookhaven National Laboratory Water Gross Beta
Readings: Beginning 2009
Environmental Radiation Surveillance Knolls Atomic Power Laboratory Readings: Beginning 2009
Environmental Radiation Surveillance Knolls Atomic Power Laboratory Water Gross Beta
Readings for Colonie Water Treatment Plant: Beginning 2009
Environmental Radiation Surveillance West Valley Readings: Beginning 2009
Environmental Radiation Surveillance West Valley Water Gross Beta Readings for Erdman Brook:
Beginning 2009
Environmental Radiation Surveillance West Valley Water Gross Beta Readings for Frank's Creek:
Beginning 2009
Equalization Rates: Beginning Rate Year 1954
Film Tax Credit Productions and Stage Locations: Beginning 2004
Health Care Coverage Status (BRFSS): 2007-2010
Health Care Coverage Status (BRFSS): Beginning 2011
Health Care Coverage Status of Residents Age 18 and Over by Gender Trend Chart (BRFSS): 2007
- 2010
Health Care Coverage Status of Residents Age 18 and Over Trend Chart (BRFSS): 2007 - 2010
Health Facility General Information API
Hepatitis B Birth Dose Percent Vaccinated by Hospital: 2013
Hepatitis B Birth Dose Vaccination Rates: Beginning 2012
Home Delivered Meals Served, by County, by the Office for the Aging: Beginning 1974
Hospital Inpatient Observed vs Expected Potentially Preventable Complication Rates by Hospital
(SPARCS): 2012
Hospital Inpatient Potentially Preventable Complication (PPC) Rates by Hospital (SPARCS):
Beginning 2009
Hospital Inpatient Potentially Preventable Complication (PPC) Risk Adjusted Rate per 10,000
Discharges (SPARCS): 2012
Hospital Inpatient Potentially Preventable Complication (PPC) Statewide Observed Rates per
10,000 Discharges Trend Chart (SPARCS): Beginning 2009
Hospital Inpatient Prevention Quality Indicators (PDI) for Pediatric Discharges by Patient County
(SPARCS): Beginning 2009
Hospital Inpatient Prevention Quality Indicators (PDI) for Pediatric Discharges by Patient Zip
Code: Beginning 2009
Hospital Inpatient Prevention Quality Overall Composite Risk Adjusted Rate per 100,000 for
Pediatric Discharges by County and Year: Beginning 2009
Household Hazardous Waste - Solid Waste Management Facilities Map
Issued State Facility Air Permits
Issued Title V Facility Permits
Kid's Well-being Indicators Clearinghouse Mapping Tool
Land Application - Solid Waste Management Facilities Map
Landfill - Solid Waste Management Facilities Map
Loan Forgiveness Awards Administered by Higher Education Services Corp: Beginning 2011

Lodging Near NYS Canal System
Lodging near NYS Canal System Map
Managed Care Individual Provider Network Data: June 30, 2013
Managed Care Individual Provider Network Data: March 31, 2013
Managed Care Institutional Provider Network Data: June 30, 2013
Managed Care Institutional Provider Network Data: March 31, 2013
Map of Registered New York State Tax Return Preparers and Facilitators
Marinas And Public Docks Near NYS Canal System
Marinas and Public Docks Near NYS Canal System Map
Meals Served Annually by the Office for the Aging: Beginning 1974
Meals Served by the Office for the Aging: Beginning 1974
Medicaid Delivery System Reform Incentive Payment (DSRIP) Clinical Metrics: Beginning 2012
Motor Vehicle Point & Insurance Reduction Program (PIRP) Participation: Beginning 2009
Natural Community Biodiversity by County
New York State Cities Hierarchy with Websites
New York State Commission for the Blind (NYSCB) Comprehensive Service Contractors
New York State Commission for the Blind (NYSCB) Comprehensive Service Contractors Map
New York State Counties with Websites
New York State Registered Tax Return Preparers and Facilitators
New York State Towns Hierarchy with Websites
New York State Villages Hierarchy with Websites
New York's Great Appliance Swap Out
New York's Great Appliance Swap Out Chart, Total Rebates by County by Rebate Option Type
New York's Great Appliance Swap Out Rebates by Zip Code Map
Number of Children in Foster Care Annually, Chart: Beginning 1994
NY License Center Business Wizard
NYS Liquor Authority New Applications Received
Occupations Licensed or Certified by New York State
Open NY Quarterly Report July 2014
Open NY Reports
Percent of Residents Age 18 and Over that Do Not Have Health Care Coverage by Gender Trend Chart (BRFSS): 2007 -2010
Percent of Residents Age 18 and Over that Have Health Care Coverage by Gender Trend Chart (BRFSS): 2007 - 2010
Program Totals for Loan Forgiveness Awards by HESC, Chart: Beginning 2011
Public Events at the Empire State Plaza: Beginning 1999
Public Fishing Rights Parking Areas
Public Fishing Rights Parking Areas Map
Quarterly Census of Employment and Wages (QCEW) Historical Annual Data: 1975 - 2000
Recyclables Handling & Recovery Facilities (RHRF) - Solid Waste Management Facilities Map
Regulated Medical Waste - Solid Waste Management Facilities Map
Residential Assessment Ratios: Beginning Rate Year 1982
Residential Juvenile Justice Facilities
Residential Juvenile Justice Facilities Map
Runaway And Homeless Youth Program Agencies Map
Runaway And Homeless Youth Programs
Short-term Occupational Projections
Solar Photovoltaic (PV) Incentive Program: Beginning 2003

Solar Photovoltaic (PV) kilowatts (kW) Installed by County and Sector Stacked Bar Chart: Beginning 2003
Solar Photovoltaic (PV) Projects by County Chart: Beginning 2003
Solar Photovoltaic (PV) Projects Map: Beginning 2003
Solid Waste Management Facilities
State University Construction Fund (SUCF) Advertised Procurements: Beginning 2000
State University Construction Fund (SUCF) Contracts: Beginning 1995
State University Construction Fund (SUCF) Projects: Beginning 1989
State University Construction Fund (SUCF) Request for Qualifications (RFQs) Distributed: Beginning 2000
State University Construction Fund (SUCF) Request for Qualifications (RFQs) Responders: Beginning 2000
State University Construction Fund (SUCF) Short-Listed Firms: Beginning 2000
Total Annual Youth Detention Admissions Chart: Beginning 2006
Total Days in Care for Children in Foster Care, Chart: Beginning 1994
Transfer Stations - Solid Waste Management Facilities Map
Trend for Number of Children in Foster Care Annually, Chart: Beginning 1994
Trend, by Days in Care, for Children in Foster Care, Chart: Beginning 1994
Used Cooking Oil Processing - Solid Waste Management Facilities Map
Utility Company Customer Service Response Index: Beginning 2005
Vehicle Dismantling & Crushing - Solid Waste Management Facilities Map
Vital Statistics Fertility Rates by County: 2012
Vital Statistics Live Birth Data by Mother's Age and Resident County: Beginning 2008
Vital Statistics Live Birth Rate Trend Chart: Beginning 2008
Vital Statistics Live Birth Rates by County: 2012
Waste Combustion - Solid Waste Management Facilities Map
Waste Tire Storage - Solid Waste Management Facilities Map
Workers' Compensation Board Hearing Site Locations
Workers' Compensation Board Hearing Site Locations Map