



# laying the groundwork to open your municipal data

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SPEAKERS

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# alex torpey (@alextorpey)

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- ✓ founder & Managing Partner at Veracity Media (@VeracityMedia)
- ✓ former Village President of South Orange, NJ
- ✓ youngest mayor in NJ history
- ✓ founder of Rethink Leadership
- ✓ adjunct professor on governance & technology at Seton Hall
- ✓ a leading voice on millennial civics leadership, technology & transparency in government



# matthew pazoles (@mattpazoles)

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- ✓ senior analyst at the Johns Hopkins University Center for Government Excellence
- ✓ former lead data, strategy, and targeting analyst for national, state, and local political outreach campaigns
- ✓ Baltimore-based civic hacker

View Matt's presentation: <http://bit.ly/Pazolesslides>



# arie hoogendoorn (@ariegis)

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- ✓ serves as Senior Project Manager for the City of Newark
- ✓ leads the Office of Technology's Newark Open Data team
- ✓ geographic information systems (GIS) background
- ✓ he's just like us ... he's not a programmer or developer



# newark's open data site

## [data.ci.newark.nj.us](http://data.ci.newark.nj.us)

The screenshot shows the Newark Open Data Portal website. At the top right, there are links for 'Log in', 'Register', and 'Contact', along with the Rutgers School of Public Affairs and Administration logo. The main header features the 'CITY OF NEWARK OPEN DATA' logo and navigation links for 'Datasets', 'Organizations', 'Groups', and 'About', followed by a search bar. The main content area has a blue background with a white text box on the left and a dashboard preview on the right. The text box contains a welcome message and the portal's mission. The dashboard preview, titled 'Housing in Newark', shows various metrics: 'TOTAL HOUSING UNITS' at 109,691 (up), 'TOTAL BUILDING PERMITS' at 289 (down), and 'MEDIAN RENT' at \$934 (up). It also includes a map of Newark, a bar chart comparing Newark to other cities, and a line chart for 'Residential Density'.

**Welcome to City of Newark Open Data Portal!**

Our mission is to promote the openness, transparency and accountability of government by providing high-value government data in standards compliant, machine readable format. This will serve as the basis for the creation of useful civic applications by third party developers.

**Housing in Newark**

NEWARK HOUSING DASHBOARDS AND INDICATORS AT CIVICDASHBOARDS

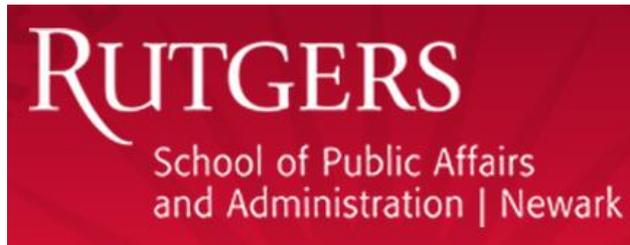
**Search data**

E.g. environment



# partnerships making open data possible

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# machine readable data what that means

## Newark 4311 (2015)

Manage

Go to resource

Data API

URL: <http://data.ci.newark.nj.us/dataset/9960f32d-6bb3-4144-9b7a-3fddc027e24c/resour...>

### From the dataset abstract

Data from Newark 4311

Source: Newark 4311

Grid view

## Grid view

Embed

View of data within the DataStore

« 1 – 100 » 14618 records

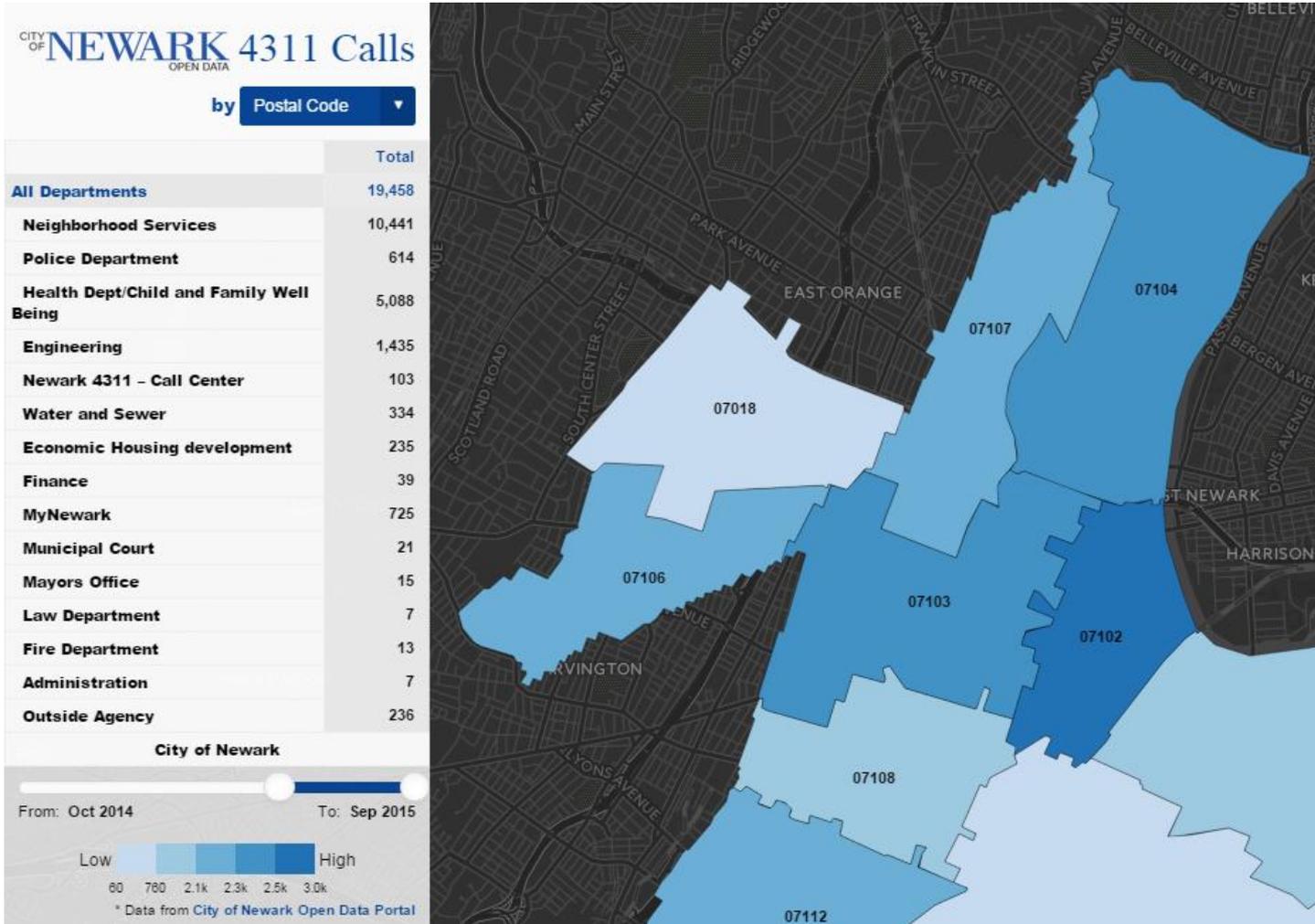
_id	ID	Reques...	Reques...	Type Id	Type Na...	Longitu...	l
1	225542	315567	21:00.0	251414	Illegal D...	-74.194...	

```
{
  odata.metadata: "FIXME",
  - value: [
    - {
      Type Name: "Illegal Dumping",
      Type Id: "251414",
      Street Name: "N 13TH ST",
      Longitude: "-74.194332",
      Request Id: "315567",
      Request Date: "21:00.0",
      Street Number: "108",
      Latitude: "40.759472",
      _id: 1,
      ID: "225542"
    },
    - {
      Type Name: "(nrs) Grass/Leaf/Yard Waste Collections",
      Type Id: "1529",
      Street Name: "N 11TH ST",
      Longitude: "-74.1933536",
      Request Id: "315568",
      Request Date: "15:00.0",
      Street Number: "49",
      Latitude: "40.7567648",
      _id: 2,
      ID: "225543"
    },
  ],
}
```



# next steps

## data visualization & dashboards





# new sustainable jersey actions

## *access to public info*

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### 1. Digitizing Public Information

- ✓ Put highly demand information & records online in digital formats

### 2. Open Data Inventory & Management *(coming soon)*

- ✓ Take stock of data sets that exist in your town
- ✓ Share them with the public through a repository or links on your website
- ✓ Engage the public in learning what data is important to them and collaborate with them to create useful applications