



City of Henderson Open Data Report 2020

Executive Summary

On August 6, 2019, the City Council of the City of Henderson adopted and approved Resolution No. 4355 Approving and Adopting an Open Data Policy: Expressing Council Support for the Open Henderson Program and City Manager/CEO Implementation of Policy. Efforts toward the implementation goals of 1) creating a framework for the quality, storage, and use of data, 2) a publicly accessible open data platform, 3) establishing data management roles and responsibilities, 4) engaging City staff in data architecture building, and 5) establishing procedures that facilitate data sharing and increase the accessibility of data between departments were proficient, despite the hindrances caused by the 2020 COVID-19 pandemic. The pandemic has also slowed the momentum in the areas of departmental compliance, furthering the City's policy and programmatic priorities, and publication timeline.

The launch of the overhauled platform is scheduled for FY 2021. The publishing plan can be found in Appendix A.



Progress Towards Open Data Program Goals

First launched in 2015, the City's Open Data Pilot released five datasets with information concerning Parks & Trails, Business Licensing, Building Permits, Crime, and Demographics. These initial publications demonstrated the value of Open Data practices and the viability of the City's Open Data platform. With the adoption of the Open Data Policy, the City of Henderson announced its commitment to proactively releasing all publishable City-data. The focus of the first year was to provide the foundational cornerstones for program implementation. To that end, the following goals were established:

1. Establish a framework for the quality, storage, and use of data
2. Establish an open data platform
3. Establish data management roles and responsibilities
4. Engage City staff in data architecture building
5. Establish procedures facilitate data sharing and increase the accessibility of data between departments

Though the circumstances of the 2020 COVID-19 Pandemic hindered efforts to accomplish these goals, they directed staff in performing work that was appropriate to the stated purpose of the Open Data Policy.

Framework for the quality, storage, and use of data

City Staff developed an internal data governance policy that maximizes the effectiveness and efficiency of the Open Data Program by providing a framework for the quality, storage, and use of data. The document outlines the expectations for data access, availability, and management to facilitate cross-functional decision-making and accountability and enforce data integrity. It applies to all City employees who collect, enter, publish, or analyze private, internal, and public data utilizing Socrata.

Open Data Platform

Working with a third-party vendor, City Staff has revamped the open data platform. In addition to aesthetic changes, the portal now incorporates processes and technical requirements for publishing datasets to the open data web platform, including those for the exclusion of confidential and sensitive information.

Data management roles and responsibilities

Incorporated into the Socrata Data Governance Policy are the data management roles and responsibilities. The document establishes the open data roles and relationships between the Senior Executive Leadership Team Open Data Steering Committee, Office of Performance and Innovation, Department Heads, Open Data Coordinator, Department Data Stewards, and IT Data Stewards. This role

demarcation increases daily data management and efficiency, streamlines internal data approval procedures, ensures policy and regulatory compliance, and reinforces desired behaviors such as interdepartmental communication.

Data Architecture Building

To gain a better understanding of the data, build a data pipeline from initial capture to publication, and align data with the organization's policy and programmatic priorities, meetings were held with departmental representatives to address the City's data architecture. These meetings allowed for the determination of departmental data classifications, platform mapping, and department program investment.

Data sharing and accessibility of data between departments

Data management expectations are also a component of the data governance policy. They outline data aggregation levels, formatting, and metadata requirements. Beyond setting these standards, these guidelines also address the availability, sharing, and security of data ensuring that data is clean, current, comprehensive, and consistent.

Department Compliance

The value of a City's data is contained not only within the information provided but also in the meaning and knowledge added to the data by departmental representatives. It is essential to encourage participation and engagement among internal departments. It allows municipal employees to improve processes and enhance efficiency through the ability to track changes and better coordinate resources. Though the policies on open data apply to all departments, complications arising from the COVID-19 pandemic have slowed the progress in building a comprehensive data inventory of the City's data. Designated City staff continues to engage City departments to assist with discovering and developing publishable data, automate processing tools, publish training documentation, and establish metrics-driven internal and external performance measurement standards.

Furthering the City's Policy and Programmatic Priorities

Open data represents one of the strategic tools that city leaders can use to improve community quality of life by reacting to and, more importantly, anticipate pressing public issues. The City has invested in using this tool by preparing strategic Priority key performance indicators for online public consumption. Publication of these metrics is in keeping with the City's strategic Priority of High-Performing Public Service and its philosophy of transparency. The congruency of the open data program and the City's policy and programmatic priorities will increase with the depth of the open data program.

Appendix A: Publication Timeline

Inventory ID	Dataset Name	Description	Publishing Department	Target Publishing Quarter	Target Publishing Year	Status
BusLic-1	Active Business Licenses	List of Active business licenses. Updated daily.	Development Services Center	Q3	2021	Not Published
COV-1	Cases, Hospitalization, & Deaths by Birth Sex in Henderson	COVID-19 Data specific to Henderson.	Office of Performance and Innovation	Q3	2021	Not Published
COV-2	Cases, Hospitalization, & Deaths by Race/Ethnicity in Henderson	COVID-19 Data specific to Henderson.	Office of Performance and Innovation	Q3	2021	Not Published
COV-3	Cases, Hospitalization, & Deaths by Age in Henderson	COVID-19 Data specific to Henderson.	Office of Performance and Innovation	Q3	2021	Not Published
COV-4	New COVID19-Related Deaths and 7-Day Moving Average in Henderson, Previous Month	COVID-19 Data specific to Henderson.	Office of Performance and Innovation	Q3	2021	Not Published
COV-5	New COVID19-Related Hospitalizations and 7-Day Moving Average in Henderson, Previous Month	COVID-19 Data specific to Henderson.	Office of Performance and Innovation	Q3	2021	Not Published
COV-6	Percent of Positive COVID-19 Viral Tests in Henderson	COVID-19 Data specific to Henderson.	Office of Performance and Innovation	Q3	2021	Not Published
COV-7	New COVID Cases and 7-Day Moving Average in Henderson	COVID-19 Data specific to Henderson.	Office of Performance and Innovation	Q3	2021	Not Published
OPS-1	PD-Unofficial_Total_UCR_Part_1_Crime_Person	Operations Key Performance Indicator. Unofficial Total UCR Part I Crime - Person. Updated monthly	Office of Performance and Innovation	Q3	2021	Not Published

OPS-2	PD-Unofficial_UCR_Part_1_Crime_Property	Operations Key Performance Indicator. Unofficial Total UCR Part I Crime - Property. Updated monthly	Office of Performance and Innovation	Q3	2021	Not Published
OPS-3	PD-Citizen_and_Officer_Initiated_Calls-for-Service	Operations Key Performance Indicator. Unofficial number of Citizen Initiated and Officer Initiated Calls for Service	Office of Performance and Innovation	Q3	2021	Not Published
OPS-4	HFD Call Volumes	Operations Key Performance Indicator. Fire & EMS call volumes updated monthly	Office of Performance and Innovation	Q3	2021	Not Published
OPS-5	Revenues Actual vs. Budget FY20	Operations Key Performance Indicator. Revenues Actual vs. Budget FY20 updated monthly	Office of Performance and Innovation	Q3	2021	Not Published
OPS-6	CARES Act Grant Funding Expended	Operations Key Performance Indicator. Accounting of the CARES Act Grant Funding Expended	Office of Performance and Innovation	Q3	2021	Not Published
OPS-7	Residential Notices of Default	Operations Key Performance Indicator. Residential Notices of Default updated monthly	Office of Performance and Innovation	Q3	2021	Not Published
OPS-8	DSC Permit/Plan Submittal Volumes & Percentages of Electronic Submittals	Operations Key Performance Indicator. DSC Permit/Plan	Office of Performance and Innovation	Q3	2021	Not Published

		Submittal Volumes & Percentages of Electronic Submittals updated monthly				
OPS-9	CD&S Tier 3 DSC Cash Inflow	Operations Key Performance Indicator. DSC Cash Inflow updated monthly	Office of Performance and Innovation	Q3	2021	Not Published
OPS-10	Business Licenses Not Renewed	Operations Key Performance Indicator. Renewed business licenses updated monthly	Office of Performance and Innovation	Q3	2021	Not Published
OPS-11	US_Dataset_ Past Due Accounts Receivable	Operations Key Performance Indicator. DUS Past Due Accounts Receivable updated monthly	Office of Performance and Innovation	Q3	2021	Not Published
OPS-12	Employee Telecommuting Hours	Operations Key Performance Indicator. Employee Telecommuting Hours updated monthly	Office of Performance and Innovation	Q3	2021	Not Published
OPS-13	Unemployment Rates	Operations Key Performance Indicator. Unemployment Rates updated monthly	Office of Performance and Innovation	Q3	2021	Not Published
OPS-14	Commercial Property Vacancy Rates	Operations Key Performance Indicator. Commercial Property Vacancy Rates updated quarterly	Office of Performance and Innovation	Q3	2021	Not Published
HPPS-1	Henderson Performance Criteria Index Score	Strategic Plan Key Performance Indicator.	High- Performing Public Service	Q3	2021	Not Published

		Performance Criteria Index Score				
HPPS-2	Tech Project Completion Rate	Strategic Plan Key Performance Indicator. Technology project completion rate	High- Performing Public Service	Q3	2021	Not Published
HPPS-3	# of New Technologies Tested During Innovation Corridor Pilot Project	Strategic Plan Key Performance Indicator. Number of new technologies tested during the Innovation Corridor pilot project	High- Performing Public Service	Q3	2021	Not Published
HPPS-4	DSC ePlan - Strategic	Strategic Plan Key Performance Indicator. Percent of plan reviews and submissions performed electronically	High- Performing Public Service	Q3	2021	Not Published
QE-1	Strategic_QE_STAR Ranking Under 3	Strategic Plan Key Performance Indicator. Number of Henderson schools with STAR rankings below 3	Quality Education	Q3	2021	Not Published
QE-2	Strategic_Quality Education_ACT Score	Strategic Plan Key Performance Indicator. Average Henderson high school ACT scores	Quality Education	Q3	2021	Not Published
QE-3	Strategic_Quality Education_Preschool	Strategic Plan Key Performance Indicator. Percent of 3 and 4-year-old's enrolled in preschool	Quality Education	Q3	2021	Not Published
QE-4	Strategic_Quality Education_Licensed Preschools	Strategic Plan Key Performance Indicator. Percent of licensed preschools participating in the State's QRIS	Quality Education	Q3	2021	Not Published
EV-1	EDT_Increase Number of New Jobs by 500 Per Year In Target Industry Sector	Strategic Plan Key Performance Indicator.	Economic Vitality	Q3	2021	Not Published

		Number of jobs in target industry sectors				
EV-2	EDT_Increase Number of Jobs in Target Industry by 1%	Strategic Plan Key Performance Indicator. Percent increase of jobs in target industries	Economic Vitality	Q3	2021	Not Published
EV-3	FI - Financial Stabilization Qtrly - MEASURE	Strategic Plan Key Performance Indicator. City reserves percentage (Financial Stabilization Fund)	Economic Vitality	Q3	2021	Not Published
EV-4	FI - Strategic KPI Measure - Expend vs Budget	Strategic Plan Key Performance Indicator. Expenditures under budget (General Fund)	Economic Vitality	Q3	2021	Not Published
EV-5	FI - Strategic KPI Measure - Rev under Budget	Strategic Plan Key Performance Indicator. City revenues over/under budget	Economic Vitality	Q3	2021	Not Published
EV-6	FI- Bond Rating - Measure2	Strategic Plan Key Performance Indicator. City bond rating	Economic Vitality	Q3	2021	Not Published
CS-1	PD- Priority_1_Dispatch_to_Arrival_Response_Times	Strategic Plan Key Performance Indicator. Police Priority 1 average response times - East Area Command	Community Safety	Q3	2021	Not Published
CS-2	PD- Priority_1_Dispatch_to_Arrival_Response_Times	Strategic Plan Key Performance Indicator. Police Priority 1 average response times - North Area Command	Community Safety	Q3	2021	Not Published
CS-3	PD- Priority_1_Dispatch_to_Arrival_Response_Times	Strategic Plan Key Performance Indicator. Police Priority 1 average response times - West Area Command	Community Safety	Q3	2021	Not Published

CS-4	PD-Pedestrian Fatalities	Strategic Plan Key Performance Indicator. Pedestrian fatalities	Community Safety	Q3	2021	Not Published
CS-5	PD-Accident with Injury (401B) - Top Intersections	Strategic Plan Key Performance Indicator. Number of accidents with injury at top intersections	Community Safety	Q3	2021	Not Published
CS-6	Fire_Dataset_Tier 3_KPI	Strategic Plan Key Performance Indicator. Structure fires confined rate	Community Safety	Q3	2021	Not Published
CS-7	Fire_Dataset_Tier 3_KPI	Strategic Plan Key Performance Indicator. Structure fire response time	Community Safety	Q3	2021	Not Published
CS-8	Fire_Dataset_Tier 3_KPI	Strategic Plan Key Performance Indicator. Emergency medical call response time	Community Safety	Q3	2021	Not Published
CS-9	Fire_Dataset_Tier 3_KPI	Strategic Plan Key Performance Indicator. Cardiac survivability rate	Community Safety	Q3	2021	Not Published
LC-1	LC KPI Fitness Nutrition Health Program Participants	Strategic Plan Key Performance Indicator. Number of fitness, nutrition and health program enrollments	Livable Community	Q3	2021	Not Published
LC-2	LC KPI 10 Minute Walk to City Park	Strategic Plan Key Performance Indicator. Percentage of residents within a 10-minute walk to a City park	Livable Community	Q3	2021	Not Published
LC-3	ST3 Cultural Event Attendance	Strategic Plan Key Performance Indicator. Resident attendance at City special events	Livable Community	Q3	2021	Not Published

LC-4	Strategic_Livable Communities_Housing Affordability	Strategic Plan Key Performance Indicator. Percentage of households that spend less than 30% of their income on housing	Livable Community	Q3	2021	Not Published
LC-5	Strategic_Livable Communities_Food Insecure	Strategic Plan Key Performance Indicator. Percentage of Henderson residents that are food insecure	Livable Community	Q3	2021	Not Published
LC-6	US_Dataset_GPCD	Strategic Plan Key Performance Indicator. Per capita water consumption	Livable Community	Q3	2021	Not Published
LC-7	Fire_Dataset_Tier 3_KPI	Strategic Plan Key Performance Indicator. Percentage of waste audits performed	Livable Community	Q3	2021	Not Published
LC-8	Solid Waste Diversion Rate	Strategic Plan Key Performance Indicator. Percentage of solid waste diversion at city facilities	Livable Community	Q3	2021	Not Published
LC-9	PM vs CM KPI Measure Dataset	Strategic Plan Key Performance Indicator. Time spent doing preventive infrastructure maintenance	Livable Community	Q3	2021	Not Published
LC-10	Mobility KPI-Bike Lanes	Strategic Plan Key Performance Indicator. Opportunity to use transit and bicycles: Bike Lanes	Livable Community	Q3	2021	Not Published
LC-11	Mobility KPI-Bus Stops	Strategic Plan Key Performance Indicator. Opportunity to use transit and bicycles: Bus Stops	Livable Community	Q3	2021	Not Published

LC-12	Mobility KPI-Sidewalk	Strategic Plan Key Performance Indicator. Opportunity to use transit and bicycles: Sidewalks	Livable Community	Q3	2021	Not Published
LC-13	Mobility KPI-Trails	Strategic Plan Key Performance Indicator. Opportunity to use transit and bicycles: Trails	Livable Community	Q3	2021	Not Published