

SACCD - COVID-19 DATA MAPPING

Open Evidence Mapping of The Use of Open Government Data to Address COVID-19 Response in South African Cities



PURPOSE: Building off the success of the OECD/GOVLAB Open Government Data (OGD) [call for evidence](#), and calls within the South African city sphere to document the learnings of the COVID-19 pandemic, this evidence mapping aims to document and map the open data response to the COVID-19 Pandemic in South African cities and provinces.

METHOD: This evidence mapping is open source with the intention to form the collective intelligence of data practitioners in disseminating the collection of data responses. Contributors are asked to complete the below table under the following metrics:

- Title of the listed project (eg. The Durban EDGE);
- The city of province the project content is related to (eg. eThekweni, Ekurhuleni, or Gauteng);
- The date the project was released (eg. exact date or month);
- A brief description of the extents of the project;
- Which organisations were involved in the project;
- Which datasets were used in the project;
- Which topic or purpose of the COVID-19 pandemic the project aims to address (economic development, health, case information);
- A URL link to the project; and,
- Relevant email address of contact person responsible

EXPECTED OUTCOME: As with the OECD/GOVLAB call, this process will be beneficial to the SACCD for numerous reasons. In the short term this mapping will support knowledge sharing and easy access to relevant and appropriate data practices occurring across South African Cities and Provinces. While in the long term it will help generate a collection of learning to assist members of the SACCD and beyond in understanding how cities and provinces are leveraging data and analytics to respond in a time of crisis, and be better equipped/prepared to use data as part of future responses.

Thank you for your contribution

Contact: [Jonathan Wilson](#), [Jokudu Guya](#)



Project Title	City/Province	Start Date	Description	Organisations Involved	Datasets Used	Topic/Purpose Addressed	Link	Contact Person
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Durban EDGE	eThekweni	14/04/20	Resources to help businesses get access to the right information during the COVID-19 pandemic, as well as global and local case data	eThekweni Municipality, Open Cities Lab, Shape Durban, Global Shapers Community Durban		Business related information (economic relief)	https://edge.durban/	Tshegang.Chipoya@durban.gov.za
Mapping vulnerability to COVID-19 in Gauteng	Gauteng	20/03/20	Mapping understanding the localised risk factors that might contribute to the spread of COVID-19, and might amplify its health and socio-economic impact, in Gauteng communities.	GCRO	Ward-level data from GCRO QoL V (2017/18) survey	vulnerability to COVID-19 in Gauteng	https://www.gcro.ac.za/outputs/map-of-the-month/detail/mapping-vulnerability-to-covid-19/	julia.dekadt@gcro.ac.za , graeme.gotz@gcro.ac.za , christian.hamann@gcro.ac.za , gillian.maree@gcro.ac.za , alexandra.parker@gcro.ac.za
COVID-19 Provincial Data Repository for South Africa	All Provinces	March 2020	COVID 19 Data for South Africa created, maintained and hosted by Data Science for Social Impact research group, open for collaboration	Data Science for Social Impact research group, University of Pretoria	The national institute for communicable diseases, Department of Health	Case data and information	https://datastudio.google.com/u/0/reporting/1b60bdc7-bec7-44c9-ba29-be0e043d8534/page/ayBLB	vukosi.marivate@cs.up.ac.za
Provincial Breakdown	Gauteng (in detail),	March 2020	Monitoring tool of the development of the	Wits University, NRF, iThemba	The national institute for	Case data and information	https://www.covid19sa.org/g	covid-19@dataconvergence

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of Corona Virus in South Africa	All Provinces		coronavirus in South Africa. This data is being used to provide predictions for the spread and impact of the coronavirus in the country.	LABS, Data Convergence	communicable diseases, The Johns Hopkins University CSSE, Worldometers		auteng	ch
Western Cape Government Department of Health Coronavirus Portal	Western Cape	March 2020	COVID-19 Information portal produced by Western Cape Government Department of Health	Western Cape Government	The national institute for communicable diseases	Health Information, case data	https://www.westerncape.gov.za/departments-of-health/coronavirus	
COVID-19 Stats SA	All Provinces	March 2020	The dashboard shows coronavirus disease (COVID-19) data for South Africa, broken down by province, and compared against official stats from other countries. Data is drawn from official data sources, and the data is updated daily.	University of Cape Town (Leen Remmelzwaal)		Case information, Crime, Financial data	https://coronastats.co.za/	
Responding to the COVID-19 pandemic in Gauteng	Gauteng	27/03/20	This project is focused on understanding the social and economic impacts of the COVID-19 pandemic and associated interventions	Gauteng City-Region Observatory	Quality of Life V survey (2017/18)		https://www.gcro.ac.za/research/project/detail/responding-covid-19-pandemic-gauteng/	gillian.maree@gcro.ac.za

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COVID-19 Public Awareness Dashboard	All Provinces	March 2020	The COVID-19 Public Awareness Dashboard uses data, visualisation and decision support skills to transform publicly-available information into insights for public consumption.	The Awareness Company	The national institute for communicable diseases	Case information	https://health.hydra.africa/	info@awarenesscompany.co.za
COVID-19 Preparedness Indicators	All Provinces	March 2020	This online resource serves to provide data, tools, visualisations and analytics in support of planning and response activities to the COVID-19 Pandemic in South Africa.	NRF, Department of Science and Innovation	UN SDG Database, Greenbook, StatsSA, HST, SASDI, https://docs.google.com/spreadsheets/d/1RALHjLPclz1BulSqNlqpLNtz7agoyfnriNYsgUjGJXE/edit#gid=0	Vulnerability in South Africa	https://sarva.saeon.ac.za/covid-19/	datascience@saeon.ac.za
NICD Alerts	All Provinces	April 2020	Daily updates of case information	The national institute for	Primary data	Case Information	https://www.nicd.ac.za/media/alerts/	
North West Province COVID-19 Cases	North West Province	30/03/20	Daily updates of case information	North West Province DoH		Case Information	http://health.nwpg.gov.za/index.php/coronavirus.html	
Coronaviruses	All Provinces	16/03/20	Covid-19 dashboards updated daily .	Media Hack Collective and		Case Information	https://mediahack.co.za/data	data@mediahack.co.za

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Dashboard				Bekisisa			stories/coronavirus/dashboard/	
COVID CONNECT	All Provinces		A platform to match urgent needs with offers of support and supply in a time of crisis. Hospitals and clinics with a shortage of food, water, or medical supplies can be quickly connected with people and organisations that have surplus of these materials.	Developer Hut		Economic Recover	https://www.covidconnect.co.za/	admin@covidconnect.co.za
COVID-19 vulnerability indicator story map	All Provinces	April 2020	Vulnerability indicator in support of identifying high risk areas	CSIR		vulnerability to COVID-19	https://arcg.is/14yO8H	
Lockdown Bozza	All provinces, cities and districts	May 2020	Lockdown guidelines are simplified in dashboard format across all districts in SA, informing citizens of their lockdown status, and what is allowable as per regulations		Official South African government guidelines	Regulations	https://www.lockdownbozza.co.za/home	m.me/LockdownBozza
COVID-19 BUSINESS SUPPORT RESOURCES	All provinces	14/04/2020	Provide resources about funding, financial relief or general support to assist businesses to survive and eventually thrive	Harambee		small development support, incubation and funding	https://harambee.co.za/covid-19-business-support-resources/	marketing@harambee.co.za

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Return2Work Initiative	All provinces	07/04/2020	Is facilitating collaboration between government and business to provide tools and guidelines to enable sectors to expedite a safe, effective, and structured return2work plan.	Return to work initiative, government and private sector	sector resource and business resource	Is to assist all sectors and businesses to operate safely under the risk-adjusted framework	https://www.return2work.co.za/	info@return2work.co.za
BE SMART. BE SAFE. BE KIND	All provinces	27/03/2020	Harambee is being guided by the simple rules of Be Safe, Be Smart, Be Kind and compile the 10 actions they have taken to prevent the spread of COVID-19	Harambee		Awareness programme for Covid-19 for Harambee operation, staff and work-seekers database	https://preview.hs-sites.com/_hcms/preview/content/27071422068?portalId=5624129&preview=true&cacheBust=0&preview_key=Fxlqjxba&from_buffer=false&utm_source=hs_email&utm_medium=email&utm_content=87491287&hsenc=p2ANgtz-8LKywJ-5AqKBxaXjOFG97NEtITPKaEifbc2KfqV2DTjq_X_A8evBBplXDwOen9dsslNkz_wTb_phhYlpFkBv39S7fAXgx2ji	marketing@harambee.co.za

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