

#MakingMiningMatter

HEALTH AND SAFETY: INDUSTRY RESPONSE TO COVID-19

Mxolisi Mgojo / President of the Minerals Council South Africa / Joburg Indaba



A BLACK SWAN EVENT?



**Swift and
effective**

**Industry better
positioned than
others to face
COVID-19**

**We need to ensure
that measures remain
in place and that we
do not take our eye
off the ball in terms of
safety and health
overall in our
industry.**

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COVID-19: INDUSTRY RESPONSE



TIMELINE OF INTERVENTIONS

January

WHO declares COVID-19 a public health emergency of international concern



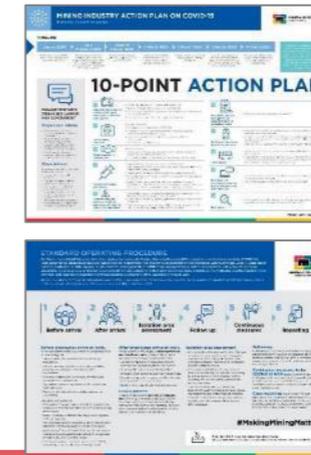
February

Minerals Council initiates communication plan



March

- WHO declares COVID -19 a Pandemic
- Minerals Council provides further guidance to members
- Minerals Council adopts a COVID 19 Preparedness Plan (10 Point Plan)
- Minerals Council adopts SOP on Management of COVID-19



April

- Minerals Council adopts SOP on COVID-19 Following the Lockdown
- Minerals Council issues Guidance on PPE for COVID-19

June

- Mining industry collaborates to increase COVID-19 testing capacity
- Minerals Council outlines response to COVID-19 in Host Communities
- Minerals Council briefs Parliamentary Portfolio Committee on Mineral Resources and Energy

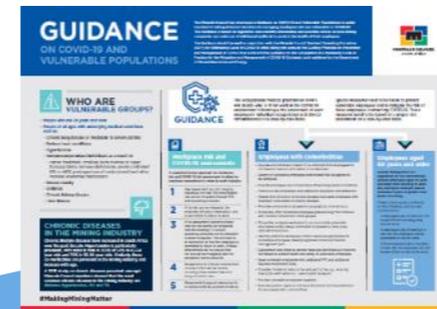
Testing initiative

SA mining - directly and under Minerals Council, seeking to increase COVID-19 testing capacity for companies and in support of country's overall testing imperative

Ideal response	Initiative
<ul style="list-style-type: none"> • Identify all cases through testing with aim of isolating infected individuals and curbing transmission • But, SA's COVID-19 testing capacity severely constrained by lack of availability of testing machines, testing kits and qualified staff • Support to processing of tests 	<ul style="list-style-type: none"> • Number of mining companies have initiative to procure and establish own testing capacity or access to increased testing capacity • Minerals Council Board (29 April) - study on how industry could collaborate to ensure greater testing capacity for industry and SA as a whole • Companies may participate voluntarily and directly access capacity • Collaborate regionally • Support for regional testing network, with regional public health facilities • Also engaging with NHLS to understand and respond to specific needs in support of the country's testing imperative
Current situation	
<ul style="list-style-type: none"> • Companies hesitant to test employees that feel screening • Risk based approach encompasses additional testing for higher risk scenarios (eg. maintenance workers, security, catering, maintenance, and when clusters of infection are identified) • Testing guided by NCCD - minimum standard with which industry operates • But, cohesiveness in mining, and the very high level of asymptomatic cases, means there are very real reasons why mining industry would be hesitant to increase its own testing 	

May

- DMRE publishes Guidelines for a Mandatory Code of Practice on the Mitigation and Management of COVID-19
- Minerals Council publishes Guidance on COVID-19 and Vulnerable Populations



July

- Minerals Council outlines research critical to supporting mining industry and others during COVID-19
- Behaviour Change Field Guide version 1:1 published
- Minerals Council briefs Civil Society Organisations on Approach to COVID-19

#O₂ ForLife

Mining industry has undertaken intensive efforts in addressing COVID-19

at operations, in communities, in provision of corporate and individual contributions to the country's testing imperative

Many examples of companies working collaboratively in their province of operation - through the Minerals Council and directly

August

Minerals Council members contribute R4.7 million to oxygen and oxygen products

#O₂ ForLife

13 mining companies contributed R4.7 million to oxygen and oxygen-related products in the Eastern Cape.

September

The Minerals Council South Africa launches the Beyond the Mine Gate Field Guide, aimed at empowering employees as agents of change and promoting and supporting healthy and safe behaviours within communities, with a specific focus on COVID-19.

Beyond the Mine Gate Field Guide

14 members of the Minerals Council South Africa have contributed to the development of the Beyond the Mine Gate Field Guide

RECOGNISING THE CRISIS

We made our first public pronouncement on COVID-19 on 6 March, the day after the first case was diagnosed in South Africa. By then we had done a lot of thinking, planning and actioning, and it was no longer advisable to stay silent.

“We recognise that the mining sector has special circumstances that could make it vulnerable to transmission of infectious diseases such as COVID-19. Employees congregate in areas of work, and travel in close proximity. As mining often involves physical activity, there could be a high degree of exposure to the virus simply through contact with people, machinery and equipment.”



MEDIA STATEMENT

029/2020

MINERALS COUNCIL POSITION ON COVID-19

Johannesburg, 6 March 2020: In January 2020, the World Health Organization (WHO) declared the novel coronavirus, COVID-19, as a Public Health Emergency of International Concern. This has consequences for individual health, workplace impact and general economic impact on countries.

In early February 2020 the Minerals Council provided members with material on mitigation measures against the virus. The materials were based on communication from the National Institute for Communicable Diseases (NICD), materials provided by the WHO, and were targeted at employees and translated into Afrikaans, isiZulu and Sesotho.

As concern around the disease has intensified, so the Minerals Council and its members have continued to monitor the situation globally and nationally; to engage and align fully with the NICD planning for businesses and occupational health settings; and to develop plans to reduce and mitigate its impact. That the virus has now been confirmed to have arrived in South Africa emphasises the importance of taking these actions.

Planning for and mitigating the impact on the mining sector

We recognise that the mining sector has special circumstances that could make it vulnerable to transmission of infectious diseases such as COVID-19. Employees congregate in areas of work, and travel in close proximity. As mining often involves physical activity, there could be a high degree of exposure to the virus simply through contact with people, machinery and equipment. Mining executives and officials who visit offshore operations are at risk of contracting the virus in other countries and bringing the infection into South African mines.

On the other hand, the mining industry has extensive and existing systems in place to deal with communicable diseases, the monitoring of health and provision of healthcare.

OUR 10-POINT PLAN

- 

1
Ongoing health education
- 

2
Health worker readiness
- 

3
Adequate PPE, sanitisers and other hygiene
- 

4
Proactive flu inoculations
- 

5
Testing capacity
- 

6
Case management
- 

7
Quarantine and isolation facilities
- 

8
Dealing with immuno-compromised employees and others with comorbidities
- 

9
Travel issues
- 

10
Reporting

Daily screening of every employee added at slightly later stage

STANDARD OPERATING PROCEDURE

SOP: the basis of the regulatory regime after AMCU brought legal action in May to require government to put in place more detailed, formal COVID-19 regulations for the industry

Pending the publication of the Notice and the lodging of codes of practice with the Chief Inspector in terms of section 9(5) of the MHSA, and in addition to complying with any regulations and directions issues under section 27(2) of the Disaster Management Act (“the regulations”):

4.1 all employees as defined in the MHSA shall, at a minimum, comply with the **Standard Operating Procedures**, a copy of which is attached hereto marked



Standard Operating Procedure (SOP) for addressing
cases of COVID-19:
Prepared for members of the Minerals Council South
Africa

23 March 2020

Prepared by Maseve Healthsource



Page



ANNUAL REPORT 2019

22 JULY 2020

Association of Mineworkers and Construction Union / Department of Health / Department of Mineral Resources and Energy / International Labour Organization / Mine Health and Safety Council / Minerals Council South Africa / National Health Laboratory Service / National Institute for Occupational Health / National Union of Mineworkers / Solidarity / South African Business Coalition on Health & AIDS / UASA The Union / UNAIDS / World Health Organization

INITIAL LOCKDOWN

1

Most of industry
locked down from
27 March,
except essential
goods and
services

2

Industry supported
President
Ramaphosa's
the initial
**three-week
lockdown**

3

**Operations
supplying**
Eskom and synfuels
industry continue
to operate

4

**Refineries
and smelters**
able to continue to
operate at reduced
levels

5

Security,
ventilation, cooling
and pumping,
refrigeration,
tailings facilities
and specialised
maintenance
continue

6

SOP
fully applied

AFTER 3-WEEK LOCKDOWN



Mid-April - mining begins to
return to 50%

June shift to Level 4 –
further moves towards our
“new normal”

Update: Mining declared an essential service and operations permitted to resume at 50% capacity

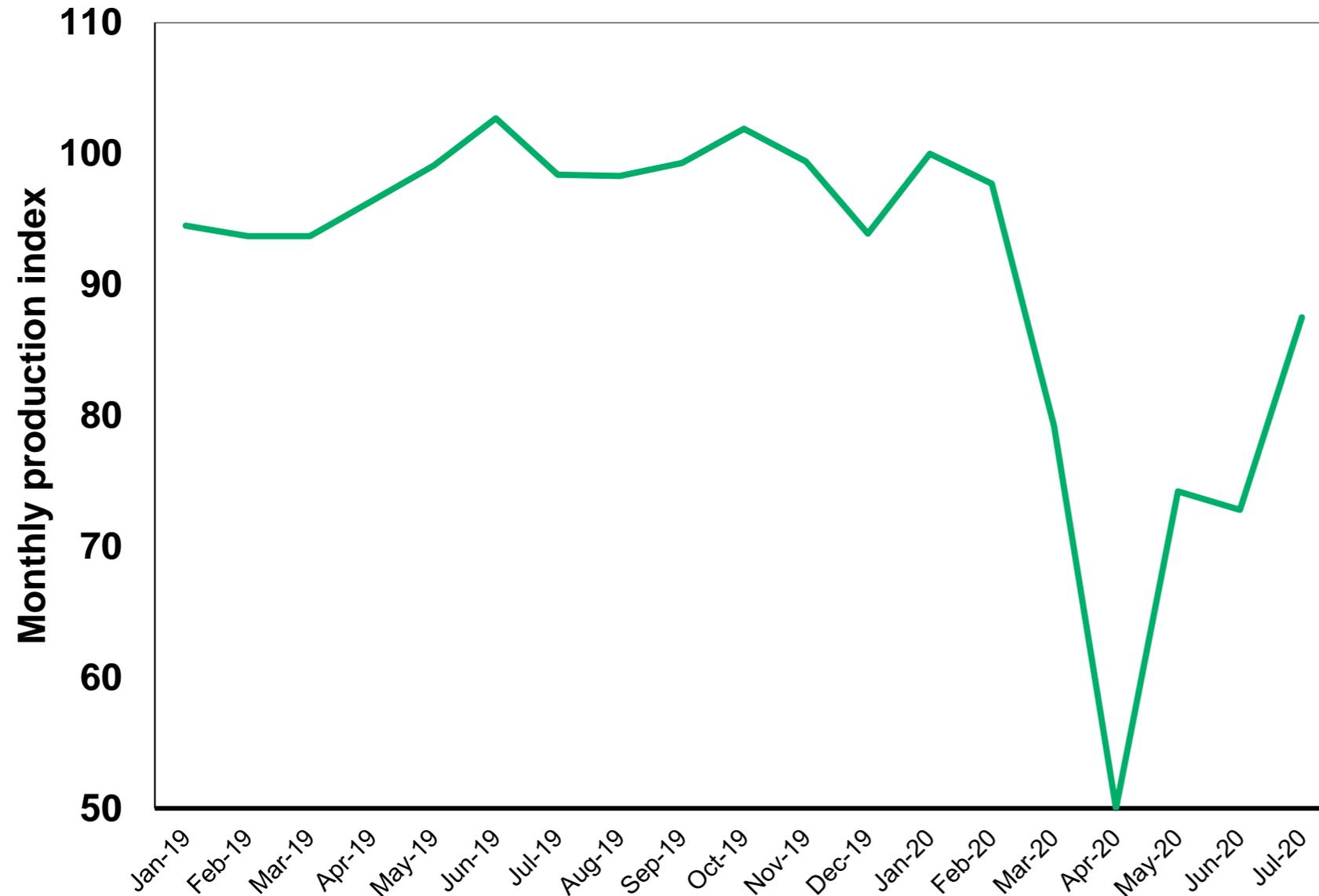
With South Africa beginning phase 2 of the national lockdown due to end on 30 April 2020, mining companies received positive feedback from the Minister for the Department of Mineral Resources and Energy (the "**Minister**") on 16 April 2020 regarding their

SA mining sector to operate a 50% of production capacity as Govt adjusts lockdown regulation

By David McKay - April 16, 2020

gas and other gasses or prevalence of seismicity and rock fall. Consequently, a phased recall of workers to work in the mines and a ramp up of

IMPACT OF THE LOCKDOWN

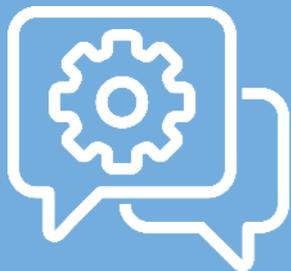


-  **1** Lockdown came at a price
-  **2** Most employees paid during initial lockdown
-  **3** Annual production to be 10-20% down

352,935

Mining industry employees

now at work - 78% of workforce



Made possible through negotiations with a range of government departments and entities, including the DMRE, Department of Home Affairs and SAPS.



Many employees from outside South Africa returned during **August and September**

NATIONAL DAY OF HEALTH AND SAFETY



STAY SAFE AND HEALTHY

AT HOME AND AT WORK

#staysafe #stayhealthy

WHAT YOU NEED TO KNOW ABOUT CORONAVIRUS

WHAT ARE THE SYMPTOMS?

Fever	Tiredness
Dry cough	Difficulty in breathing

Some people may also have aches and pains, a blocked or runny nose, a sore throat, or diarrhea.

IS IT DEADLY?

Not everyone who gets the virus becomes very sick.

Most people who get COVID recover without needing special treatment. Around 1 in every 5 people with the virus becomes seriously ill, which can be deadly.

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NGANDA UKUSABALALA KWEGCIWANE:

Ukuziphatha ngenhlazeko kuzokwenza kuhambise kancane ukusabalala kwe-COVID-19

Geza izandla zakho ngenisipho namanzi njalonjalo isikhathi esiyimizuzwana enge ngo-20	Gwema ukusandlana kakulu nanoma ubomi osemthethweni.	Gwema ukuthintana nabanye abantu uma ukhwenjalo noma ukwenza.	Vela indlela wakho nokhale oko nokhale okanye noma ngaphandle noma ukhwenjalo noma ukwenza.
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Gwema ukuzithinta ebusweni

Ukuziphatha ngenhlazeko emsebenzini nasekhaya kuzokuvikela wena nabathandlweyo bakho ningaguli

HLALA UPHEPHILE FUTHI UNEMPILO

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KGAOTSA HO NAMISA TSHWAETSO:

Le hoja re ipopile ngatana-nngwe ho sena, re ntse re tlameha ho sielana sebaka

Qobe dibeka tsa batho bohle le dibaka tse nang le batho ba bangata	Boloka bohola ba dimihera tse 1.5 ho isa ho tse 2 ho loba bathong ba bang, etsa bonnete ba hore o rwala mask	Hamba ho sa igoneha hore o sielane sebaka le batho ba bang, etsa bonnete ba hore o rwala mask	Hlala matsoho a hao ka sesepa le meteli haeba o kopana hofu le batho ba bang. Kapa dibaka tse ding
--	--	---	--

Ho sielana sebaka mosebetsing, le motseng wa lona, ho ka fokotsa sekgahla sa tshwaetso ya kokwana ena

DULA O BOLOKEHILE MME O PHETSE HANTLE

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NGANDA UKUSASAZEKA:

Imaski yakho ikhusela wena, usapho lwakho kunye noluntu lwakho

Faka imaski yobuso okanye isagqumi xosha ngalinye uhamba kwikhaya lakho

QINISEKA:

Ukuba imaski yakho yagquma impumlo namalima wakho ngokuqheleleyo	Awuyikhululi xa ukhobelela okanye uthintana	Awuphathi imaski yakho ngaxa uyifakile	Uhlamba imaski zakho zolophu omva kokuzisobanisa ngakunye namanzi anesepha
--	---	--	--

Gcina wena kunye nabanye nikhuselekile nokuba uyaphi na ngokufaka imaski

HLALA UKHUSELEKILE KWAYE USEMPILWENI

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STOP VIOLENCE AGAINST WOMEN

During this time of lock-down, more and more women are being abused, injured and killed in their homes

THIS MUST STOP

There is no excuse for abuse

Don't be a bystander. Report abuse, give help, get help

STAY SAFE AND HEALTHY AT HOME AND AT WORK

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COMMUNITY SUPPORT

Member companies:

- donated to the Solidarity Fund and other funds
- undertook enormous outreach projects, from food security, to providing oxygen, sanitisers and equipment, to hospitals and communities
- some members actually built or handed over field hospitals to local authorities





Mining industry has undertaken intensive efforts in addressing COVID-19

at operations, in communities, in province of operation and nationally (including contributions to Solidarity Fund and other funds)

Many examples of companies working collaboratively in their province of operation – through the Minerals Council and directly

TESTING = fundamental basis of response to pandemic

- Mining has gone beyond NICD protocols
- Ensured we added to, rather than depleted, national testing reserves

As of 5 October,
industry had undertaken
>53,000 tests
yielding
17,155 positive cases



TRANSPARENCY AND DISCLOSURE

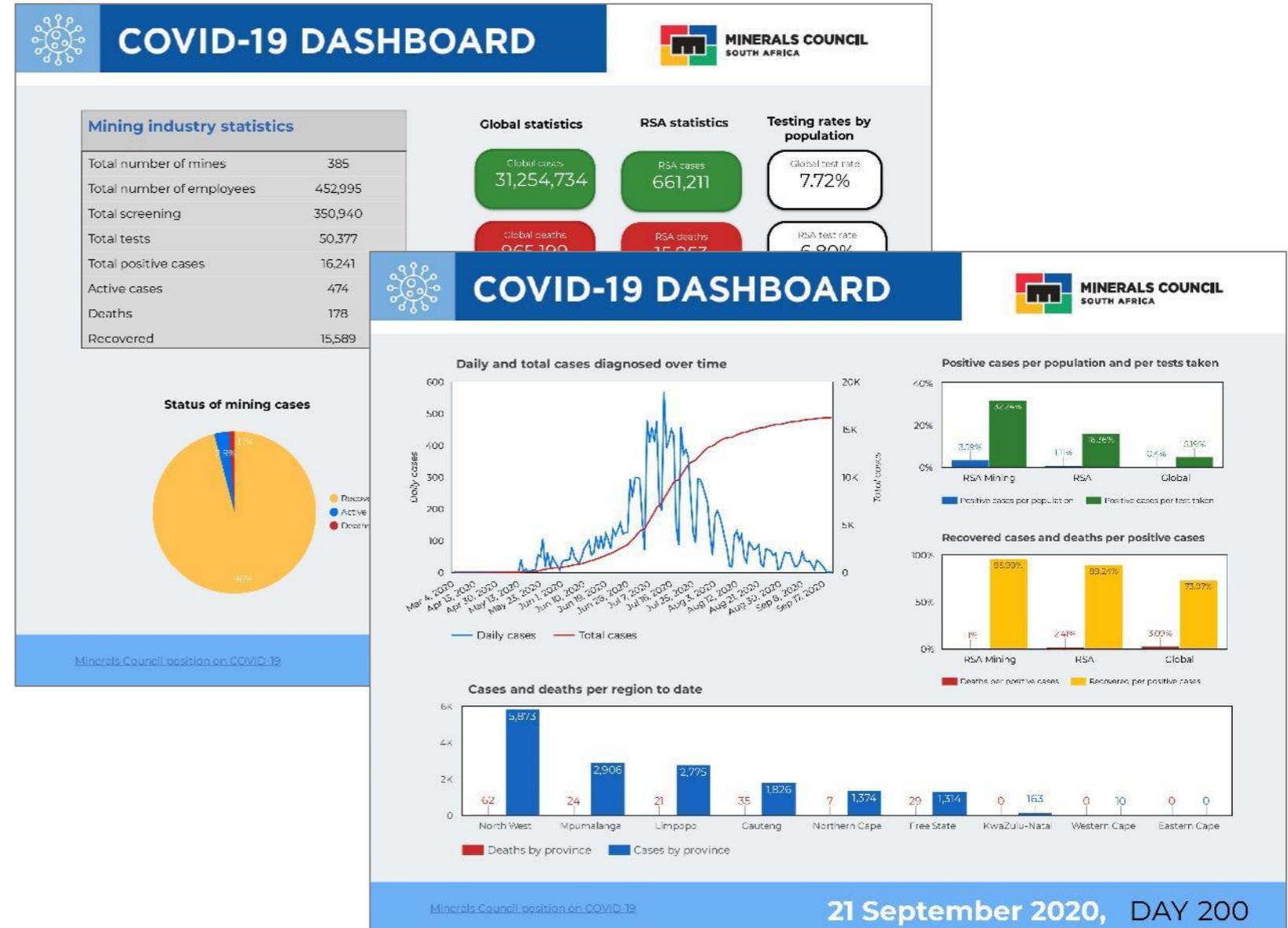
Our dilemma:

- Do we do it quietly?
- Or are we transparent?

Our decision:

Transparent from the outset:

- Daily dashboard
- Weekly media briefings



City Press

HOME ▾ FOR SUBSCRIBERS NEWS ▾ VOICES ▾ BUSINESS ▾ TRENDING SPORT S

FOR SUBSCRIBERS 08 Jun

The mining industry is becoming SA's new Covid-19 epicentre

City Press Poloko Tau

SHARE  



miningm^x
higher grade

AngloAmerican

Real Mining. Real People. Real Difference.

YOUR FUTURE, IS OUR FUTURE.

We continue to put health and safety first so that our 45,000 employees can work safely during COVID-19.

#WeAreInThisTogether

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Home > News > Markets > Minerals Council rebuts "wrong perception" SA mines form epicentre for COVID-19 disease

Minerals Council rebuts "wrong perception" SA mines form epicentre for COVID-19 disease

By David McKay - June 9, 2020

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INDUSTRY PERFORMANCE



INDUSTRY PERFORMANCE



184 mining employees
have succumbed to
Covid-19

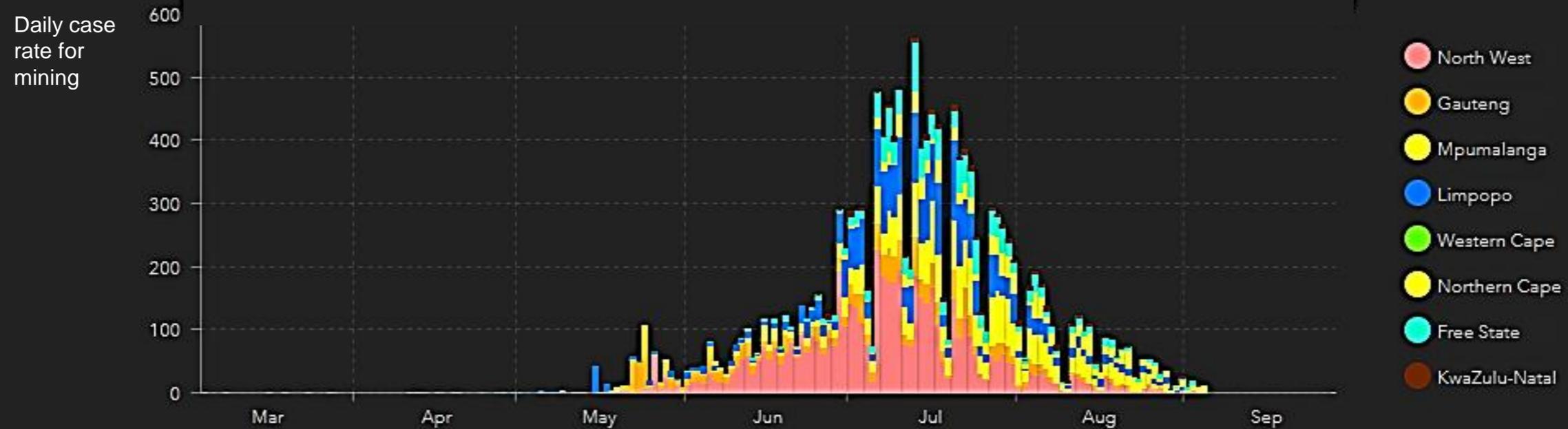


Clusters of
COVID-19 diagnoses
at some mines



Dealing with
many unknowns

INDUSTRY PERFORMANCE



Risk-based approach

CEO Zero Harm Forum

Understanding best practice, guide industry's response, and share learnings

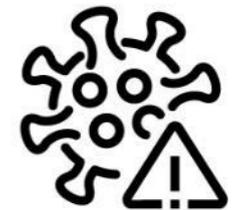
NEW RESEARCH



The Minerals Council recognised very early on in the process, that fundamental research was critical to support the mining industry and others in dealing with the impact of COVID-19.



Khumbul'ekhaya



1



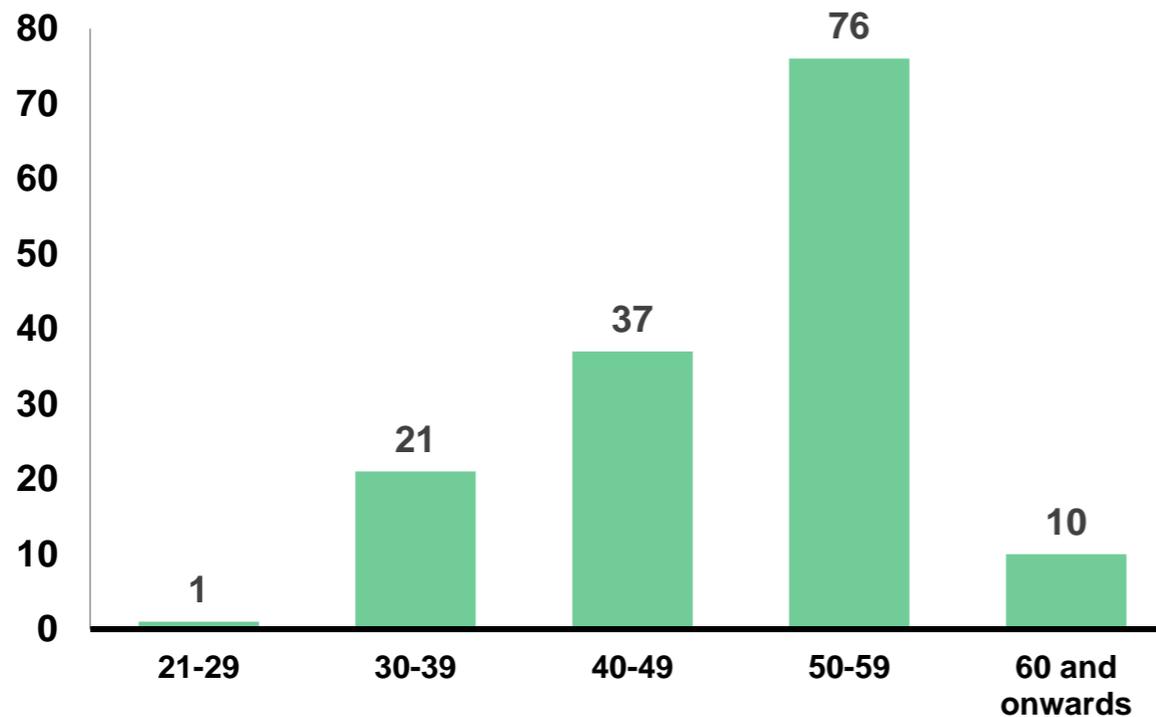
Through Aurum, **what makes people vulnerable** and how to minimise deaths



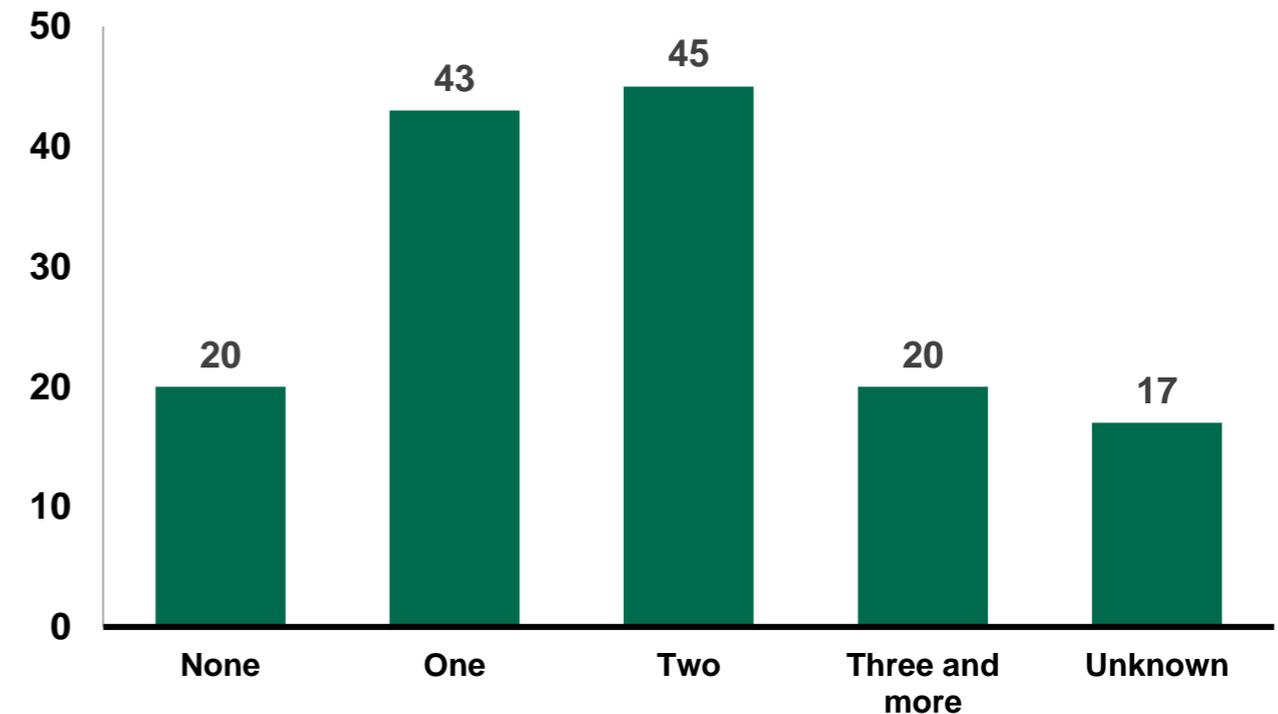
Commissioned UNISA to study **effectiveness of existing control measures**

Age distribution of mortalities

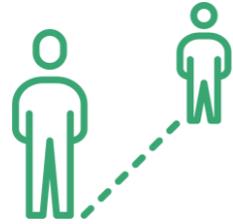
Number of cases by age range



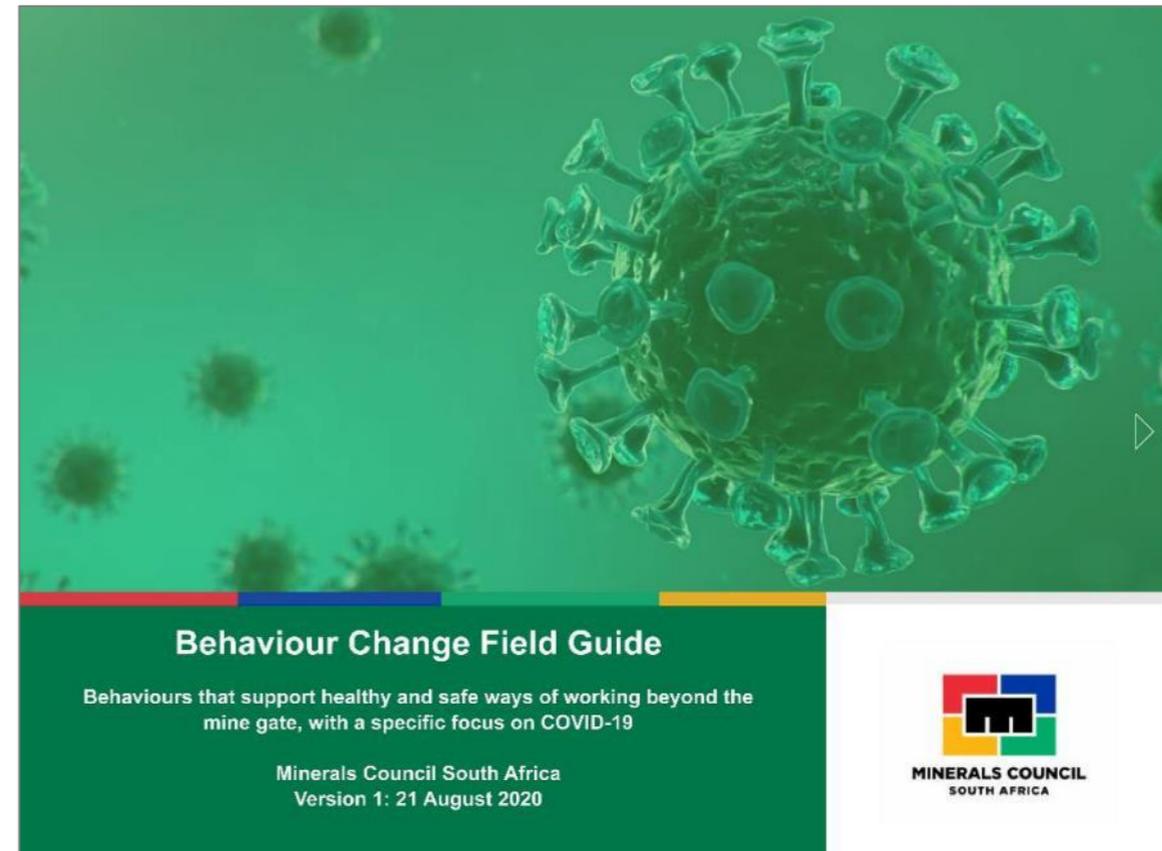
Comorbidities



2



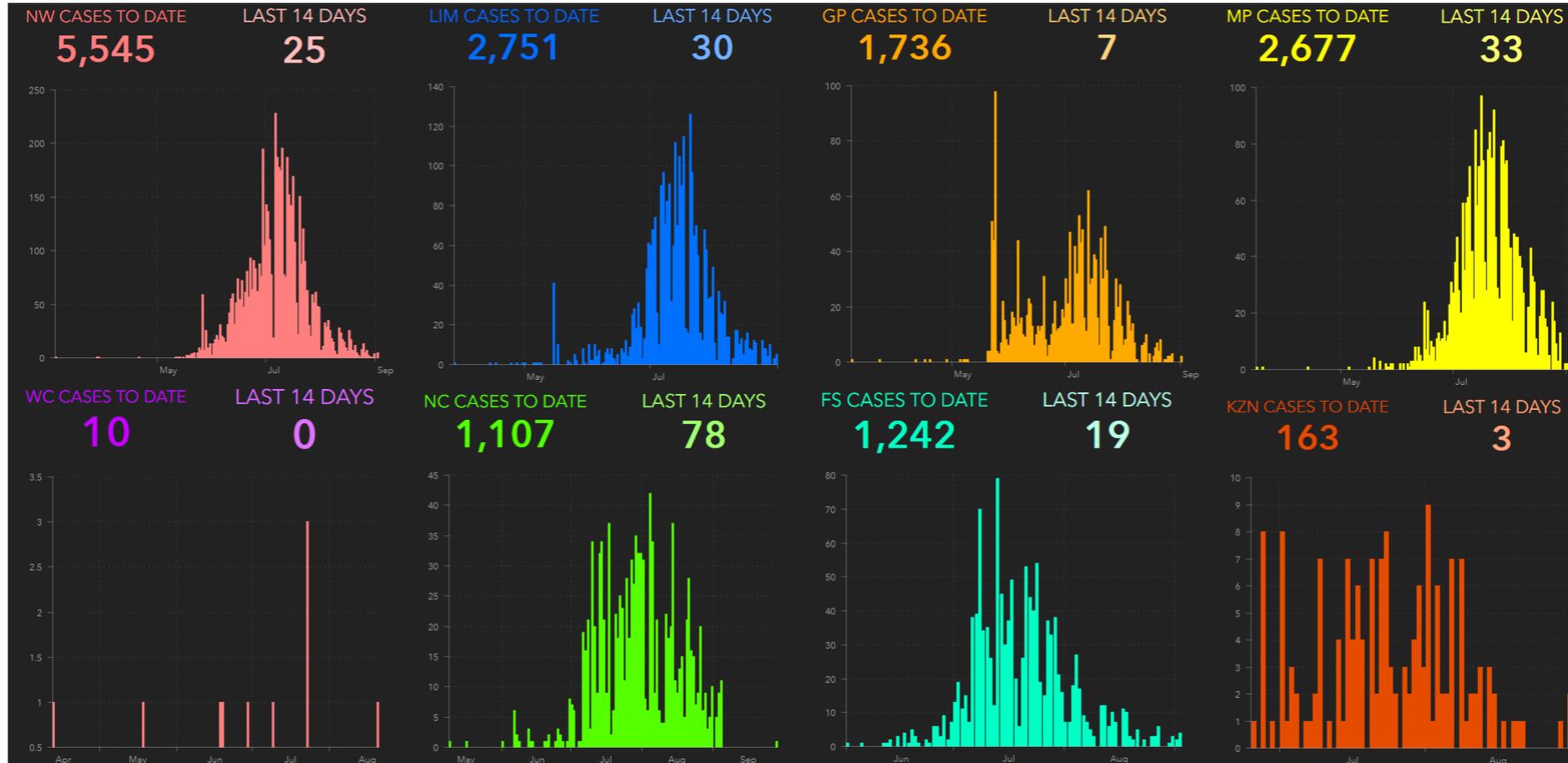
Employee and community behaviour change – field guide



3



Geographic information mapping system



NO TIME FOR COMPLACENCY



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