



health

Department:
Health
REPUBLIC OF SOUTH AFRICA

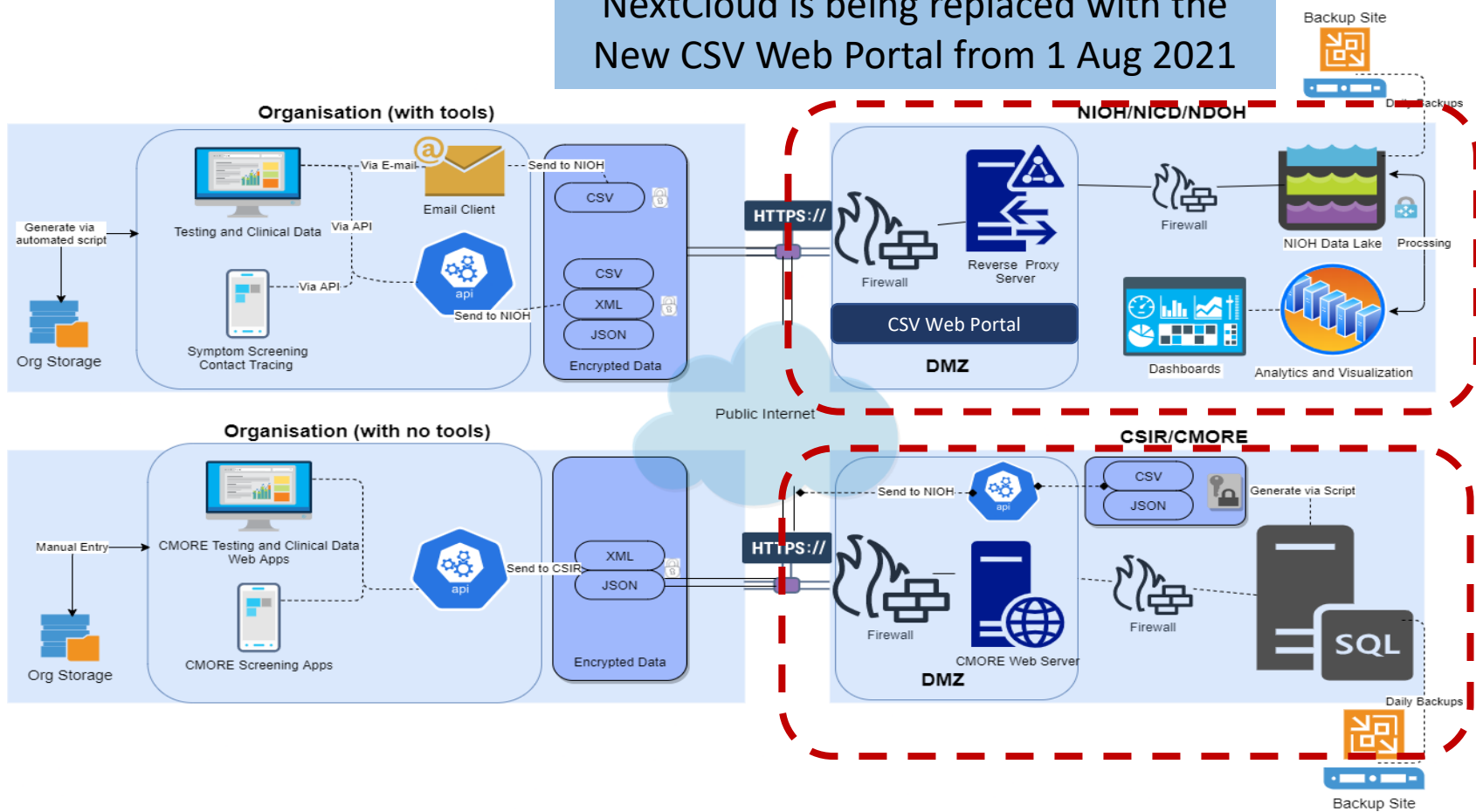
COVID-19 Occupational Health Surveillance System (OHSS) for South African Workplaces

13 Jul 2021

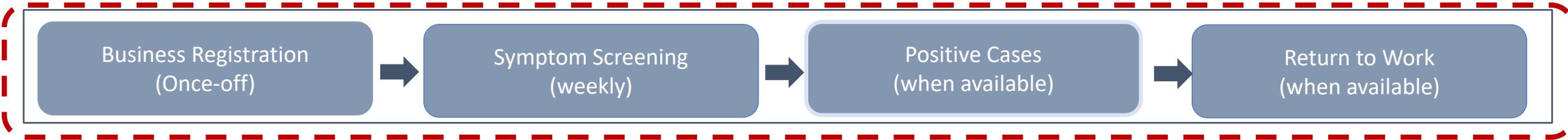
OHSS Registration and Data Submission

Architecture | Business Interfaces

Note:
NextCloud is being replaced with the New CSV Web Portal from 1 Aug 2021



- Organizations with no tools**
- CSV Portal (replacing NextCloud)
 - CMORE
- Organizations with tools**
- API integration
- Data Lake**
- NIOH Data Lake
 - Analytics and Visualization
 - Google Studio Dashboard
 - Security and Privacy



Occupational Surveillance System Business Registration: Workflow

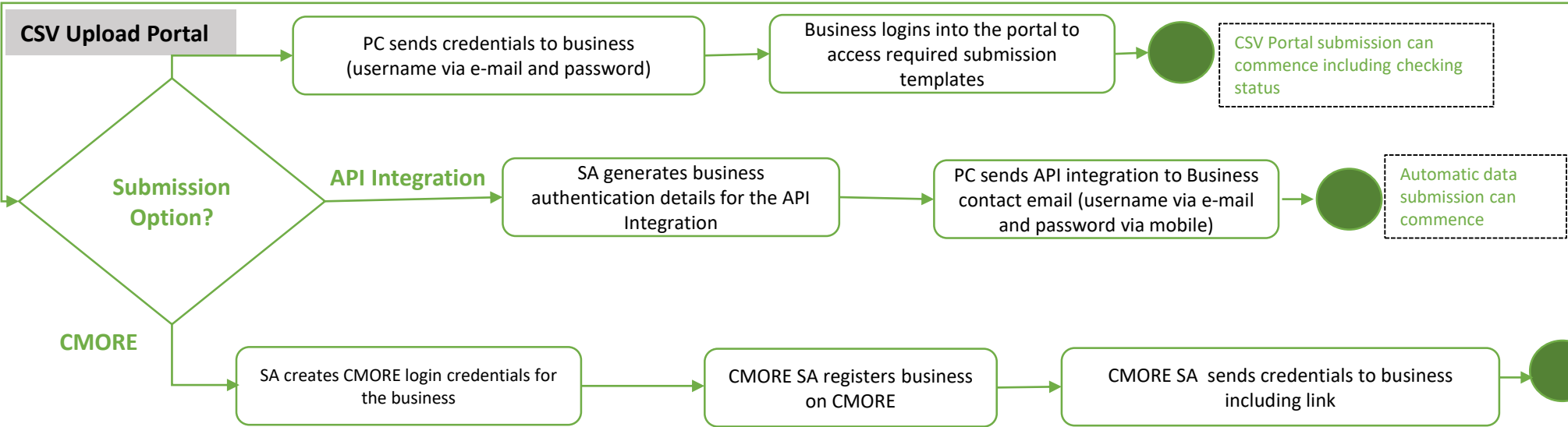
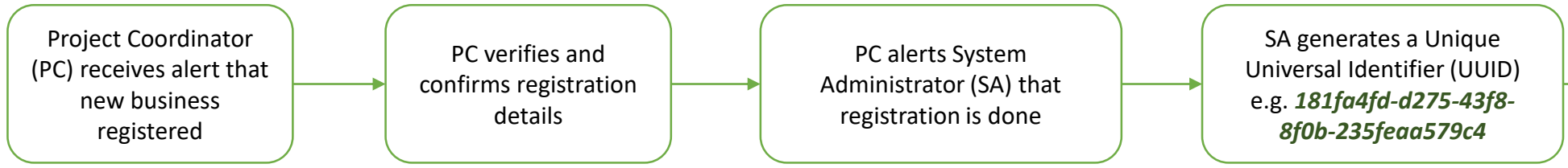
This is a workflow for registering a business for submitting the COVID-19 OHSS to NIOH or CMORE (CSIR)

The following details are provided in the portal

- Business name
- Business industry
- Business address
- Business province
- Business district
- Employee numbers
- Female employees
- Male employees
- Business contact
- Contact email
- NDA Signed
- Sector affiliation
- Submission Option:
 - | CSV Portal Submission
 - | API Integration
 - | CMORE platform submission

Business contact accesses portal to register electronically

<https://ohss.nioh.ac.za>



Note:

- Data flow after registration covered by a separate process:
 - CSV Portal to Data Lake
 - CMORE to Data Lake

Occupational Surveillance System Business Registration: Web Portal (see: <https://ohss.nioh.ac.za/Register>)


The businesses registers via a web portal where all the required details for the organisation can be submitted.

Once a business has been approved by NIOH for data submission, they will receive login credentials to use the system of the choice for submission (**CSV Portal (replacing NextCloud, API integration or CMORE)**)



Occupational Health
Surveillance System



Business Registration 

Business Name Industry

Address

Province District

Contact Name Contact Email

Contact Number Sector Affiliation

CIPC# (Companies and Intellectual Property Commission) PAYE# (PAY-AS-YOU-EARN)

Total Employees # Female Employees # Male Employees

Please supply the number of employees in the below Job Categories

# Managers <input type="text" value="0"/>	# Professionals <input type="text" value="0"/>	# Technicians and Associate Prof. <input type="text" value="0"/>	# Clerical Support Workers <input type="text" value="0"/>
# Service and Sales Workers <input type="text" value="0"/>	# Skilled Trades <input type="text" value="0"/>	# Plant and Machine <input type="text" value="0"/>	# Elementary Occupations <input type="text" value="0"/>

Preferred data submission process

CSV via NextCloud (csv file)

CMORE platform submission (Free APP from CSIR)

API Integration (Integration into your own APP)

1. Business will choose a preferred option for data submission (3 options available)
2. Username and password will be sent to the contact person in the organization via SMS or WhatsApp
3. Submissions preferred weekly
4. Templates for CSV upload available on

Occupational Surveillance System Business Registration: Web Portal (see: <https://ohss.nioh.ac.za/Register>)

CSV Portal data submission templates available here:


<https://www.nioh.ac.za/covid-19-information-resources/occupational-health-surveillance-system-ohss-business-portal/>


To register your business on the OHSS portal click here


To view the updated workplace data submission guideline click here


QUICK ACCESS: Login and access the CMORE portal here

QUICK ACCESS: Login and access the NextCloud Portal here

 Symptom screening template

 Return to work template

 Positive case template

 Vulnerability template



Need to know how to submit data on the 3 platforms?
View the guide here

View the list of occupations that fall under the occupational categories here



For more information and to view the Workplace Data Submission Guideline click here

To view FAQs on the Occupational Health Surveillance System (OHSS) click here

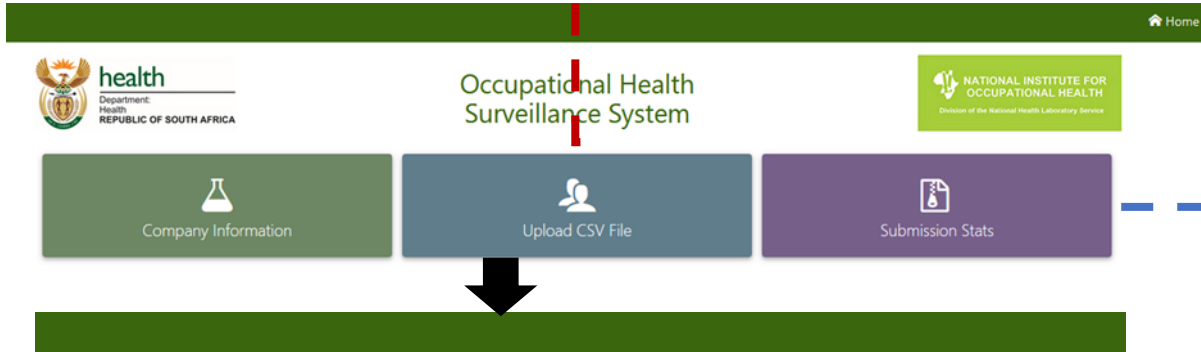
These templates are provided for reference purposes only

Templates to use for the CSV Portal Submission system are as follows:

- Symptoms screening
- Return to work
- Positive cases
- Vulnerabilities

New CSV Web Portal (see: URL to be made available by 1 August 2021)

Landing Page



Company Information

Business ID : EDC7FA33-51F9-40B9-8F5B-D22D50A301E8

Business Name: Monty Test Company | Industry: Software consultancy and supply

Address: 13 ... | Province: Gauteng | District: Ekurhuleni MM

Contact Name: Monty Rambau | Contact Email: ...

Contact Number: 0117126575 | Sector Affiliation: IT Comms

CIPC# (Companies and Intellectual Property Commission): MO1234Rams | PAYC# (PAY-AS-YOU-EARN): MO1234Rams

Total Employees | # Female Employees | # Male Employees



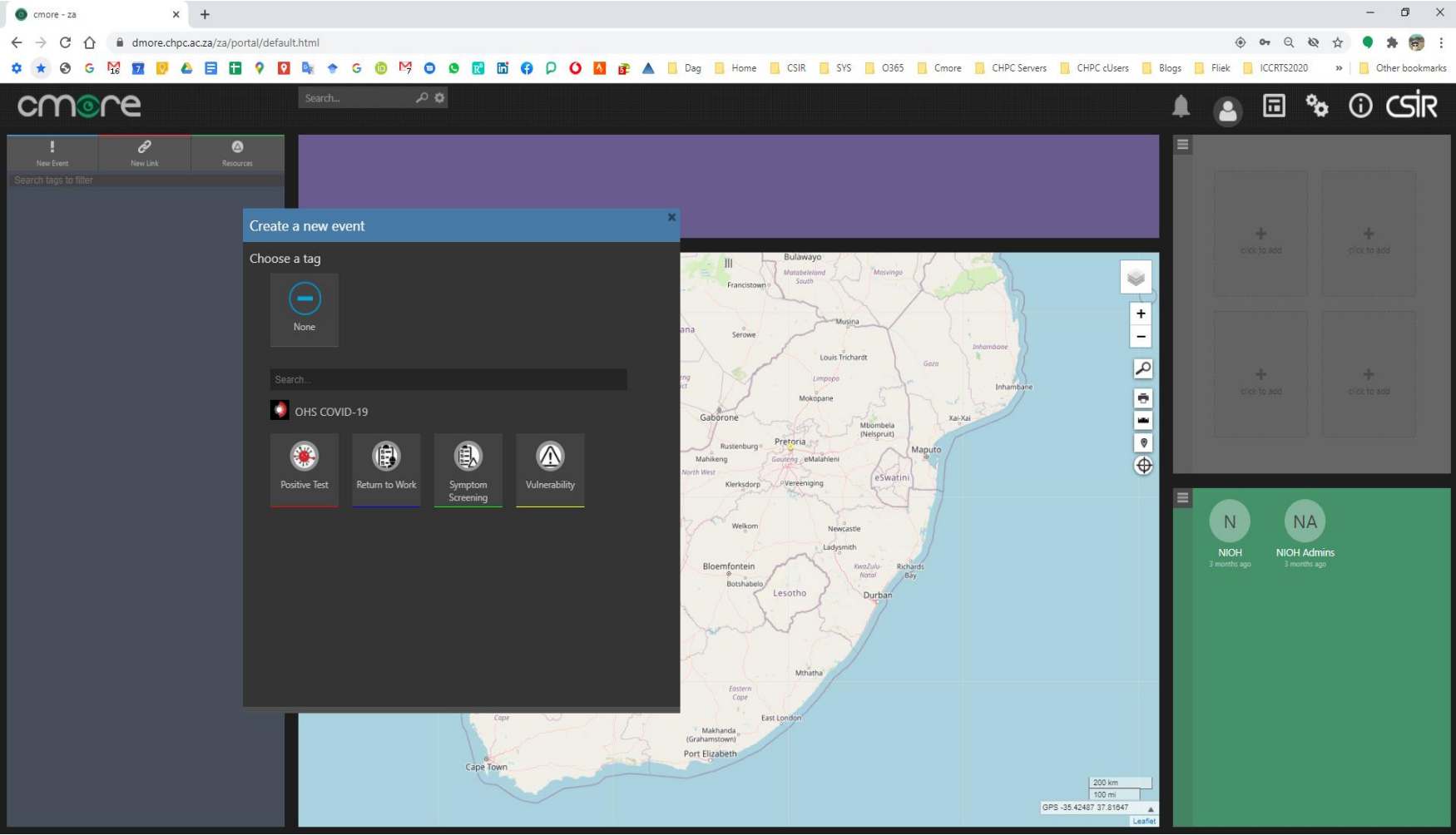
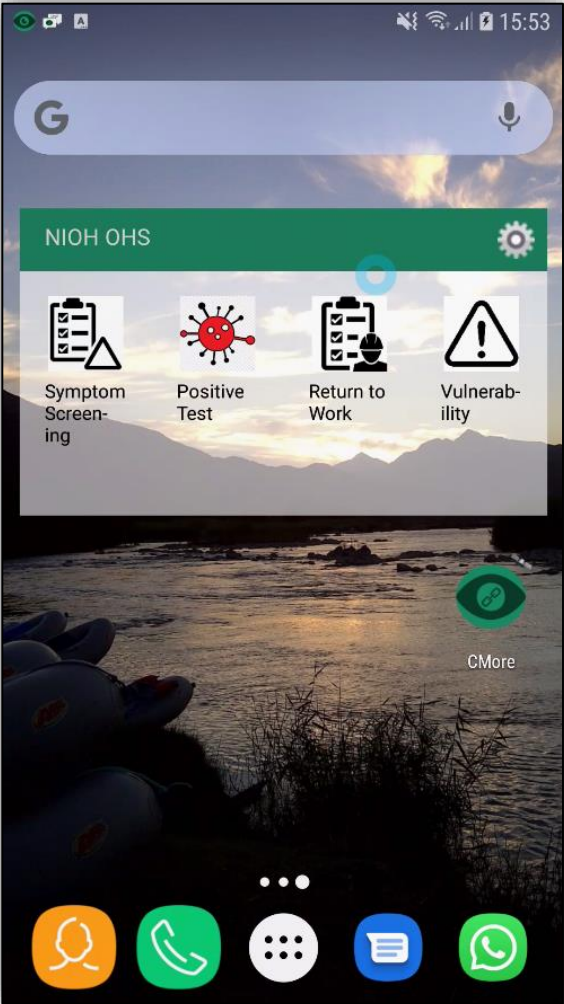
Templates Headers	Template Data Type	Expected data	Your Header	Your data
Age	Number	42	No data available in table	
AgeAbove60years	Text	YES / NO	Showing 0 to 0 of 0 entries	
Asthma	Text	YES / NO	Previous Next	
BusinessID	Text	22918AA6-FB55-431C-85DA-78001281EC3D		
ChronicKidneyDisease	Text	YES / NO		
ChronicLiverDisease	Text	YES / NO		
ChronicLungDisease	Text	YES / NO		
CurrentTuberculosis	Text	YES / NO		
Date	Date	2021-03-18		
Diabetes	Text	YES / NO		
District	Text	City of Johannesburg		
HIV	Text	YES / NO		
Hypertension	Text	YES / NO		
Immunocompromised	Text	YES / NO		
Industry	Text	Agriculture		
JobCategory	Text	Clerical Support Workers		
Obesity	Text	YES / NO		

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Filename	Submission Type	Date Submitted	Uploaded By
Test Data - Cases_1.csv	Cases	2021/07/06 4:19:13 PM	Thuso Rams

Showing 1 to 1 of 1 entries

Cmore Mobile and Web app



Data Privacy, Confidentiality and Security

1. Data privacy, confidentiality and security is the cornerstone of all the digital data submission options
2. All businesses are identified through Unique Business IDs
3. All businesses submit data to their own workspace (no sharing of data and workspace)
4. Only business email addresses and ID numbers for positive cases processed in the templates
5. Data in the data lake is anonymised and any identifying information removed where required
6. Data submission is via encrypted channels on all channels (CSV Portal, CMORE and API)
7. Data is stored in a secure Data Lake (NIOH)
8. All data shared is only processed by NIOH and is not shared with any other third-parties, except government departments such as UIF.
9. Only anonymized and aggregated data is used for the analytics and visualization
10. All systems used for data collection, storage, and processes will be **assessed on regular basis** (every month) for any security vulnerabilities.

Thank You

Email: OHSworkplace@nioh.ac.za

Web Portal: <https://ohss.nioh.ac.za> (for business registrations)