

# COVID-19 WEEKLY PROVINCIAL EPIDEMIOLOGY BRIEF

SOUTH AFRICA

WEEK 46 2020

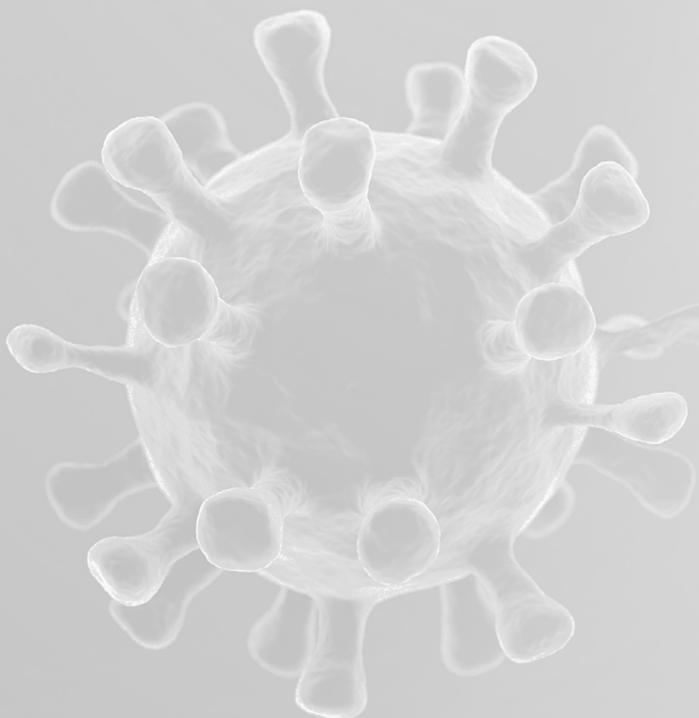
NATIONAL INSTITUTE FOR  
COMMUNICABLE DISEASES  
Division of the National Health Laboratory Service

## CUMULATIVE DATA FROM

31  
JANUARY  
2020



14  
NOVEMBER  
2020



## Overview of report

This report summarises provincial and district data from a national laboratory-based surveillance system that is used to monitor the coronavirus disease 2019 (COVID-19) in South Africa. Provincial data is presented by district and age groups. The graphs are based on data collected up to 14 November 2020 (week 46 of 2020)

## Methods

Additional methods for this report can be found in the Weekly Epidemiologic Brief ([Link](#)). Data on province and district allocation was based on geocoding algorithm using in order of priority (i) completeness of patient data, (ii) submitting doctor's address, (iii) registering doctor's address and as final option, (iv) the guarantor's address data. The geocoding algorithm used the most complete data for assigning data on province and district where adequate information was provided on the lab request form at the time of sample collection. Data on district allocation may lag resulting in number of cases in recent weeks missing district allocation. Prevalence and incidence risk by districts should be interpreted with caution.

## District trends of COVID-19 cases

Summary and graphs describing the trends by district and age group for Eastern Cape Province and Western Cape Province, can accessed in the **Weekly Epidemiology Brief** published simultaneously with this report. Graphs describing the trends by district and agegroup for seven additional provinces are included in this report.

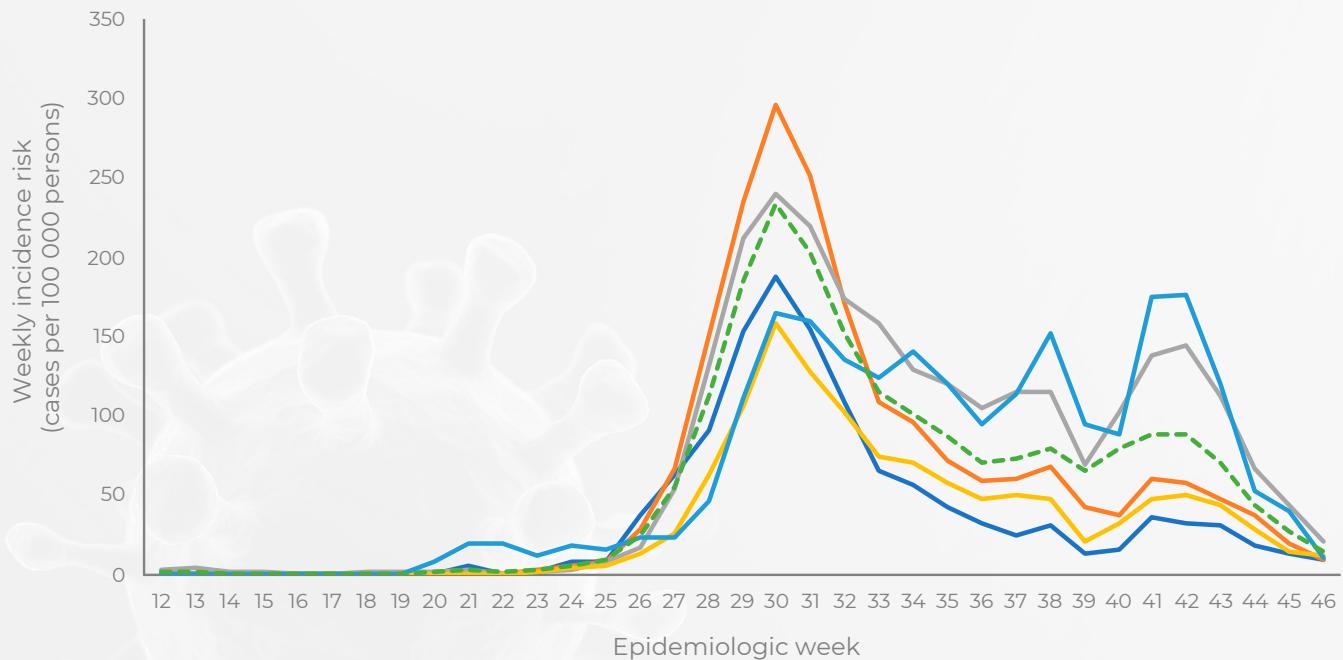
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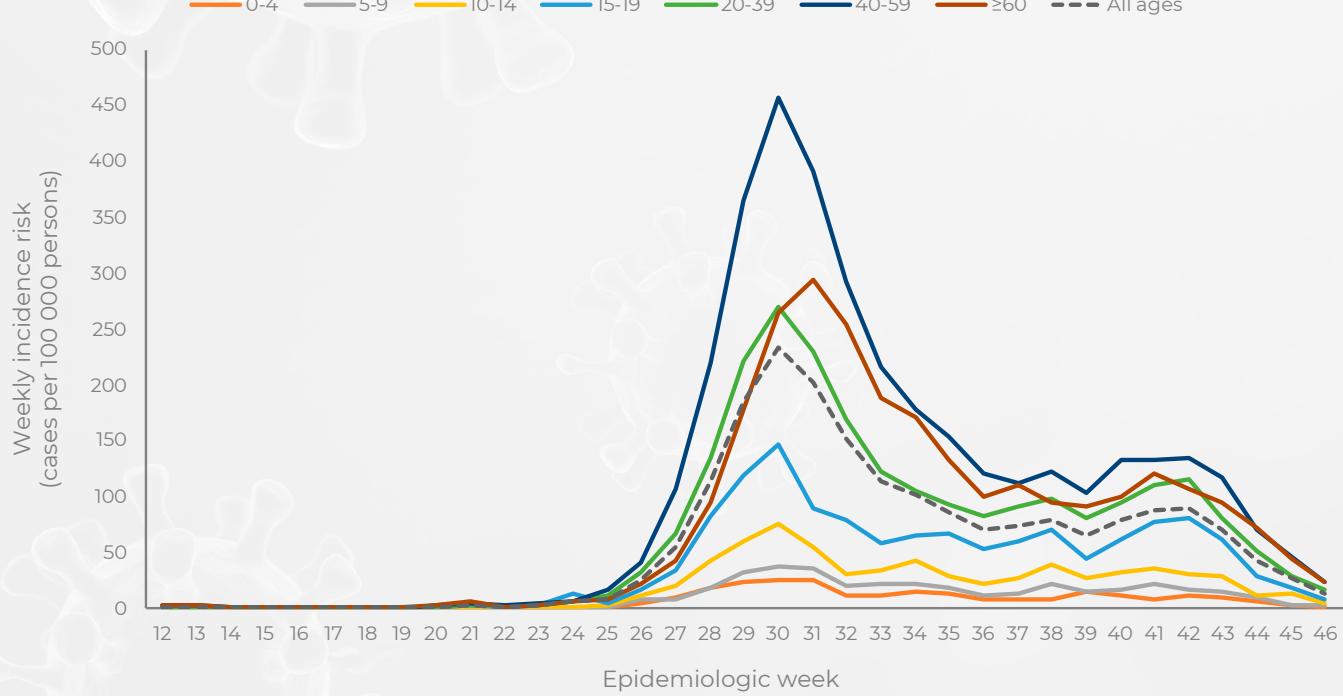
## Free State Province

Fezile Dabi   Lejweleputswa   Mangaung Metro   Thabo Mofutsanyane   Xhariep   Free State Province

A



B



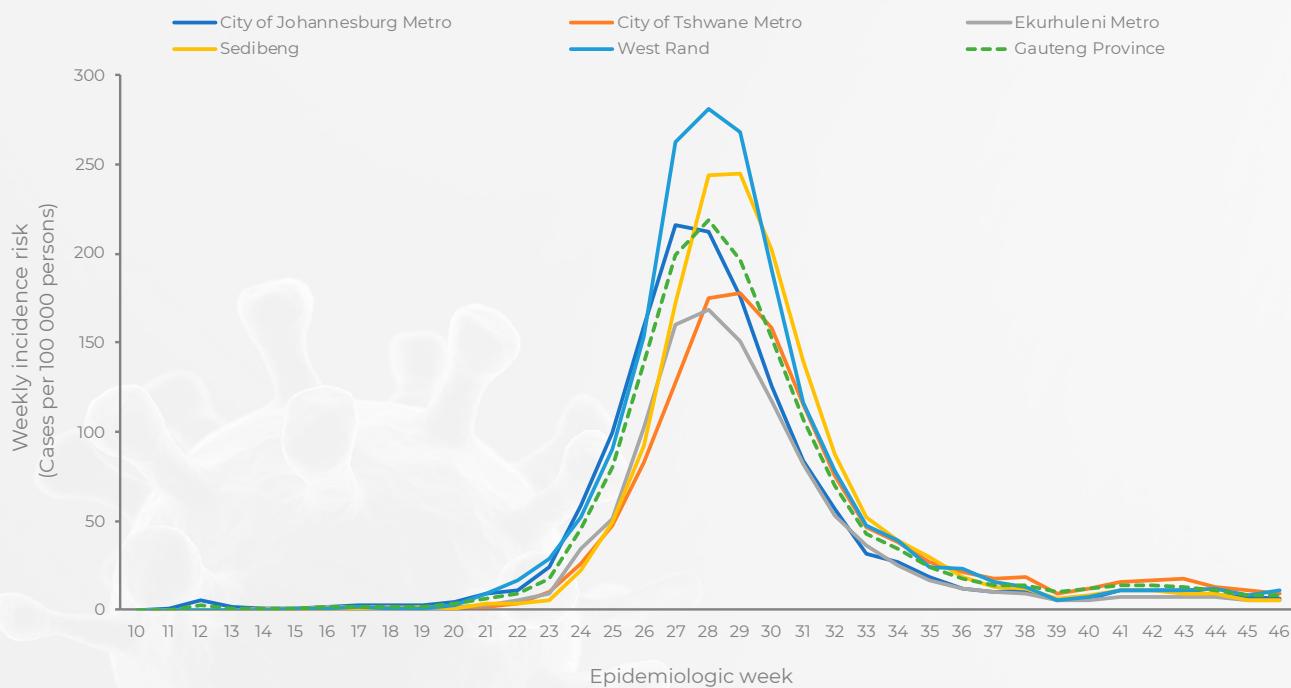
**Figure 1.** Weekly incidence risk of PCR-confirmed cases of COVID-19 by epidemiologic week, Free State Province, 3 March-14 November 2020 (a) by district (n= 53 469, 4 953 missing district ) (b) by age group in years (n= 58 265, 157 missing age)

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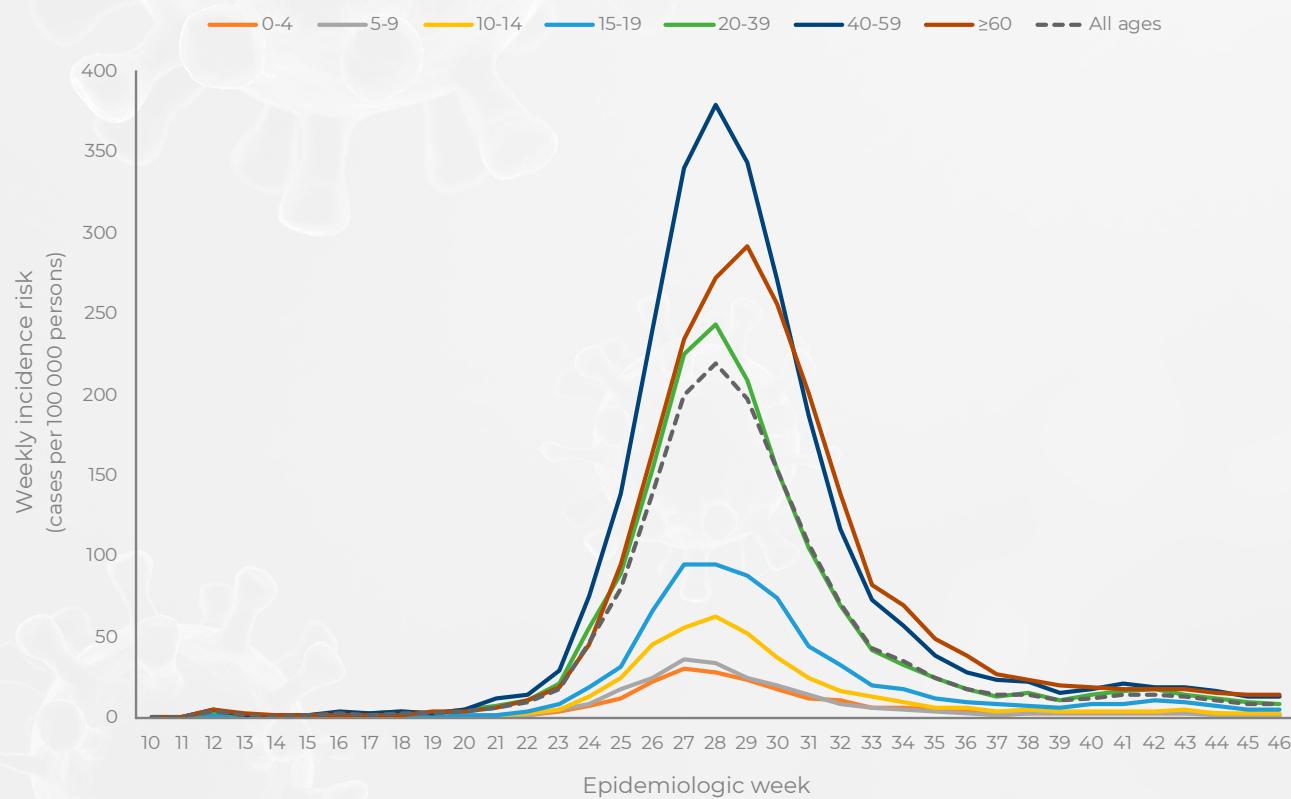
WEEK 46 2020

## Gauteng Province

A



B



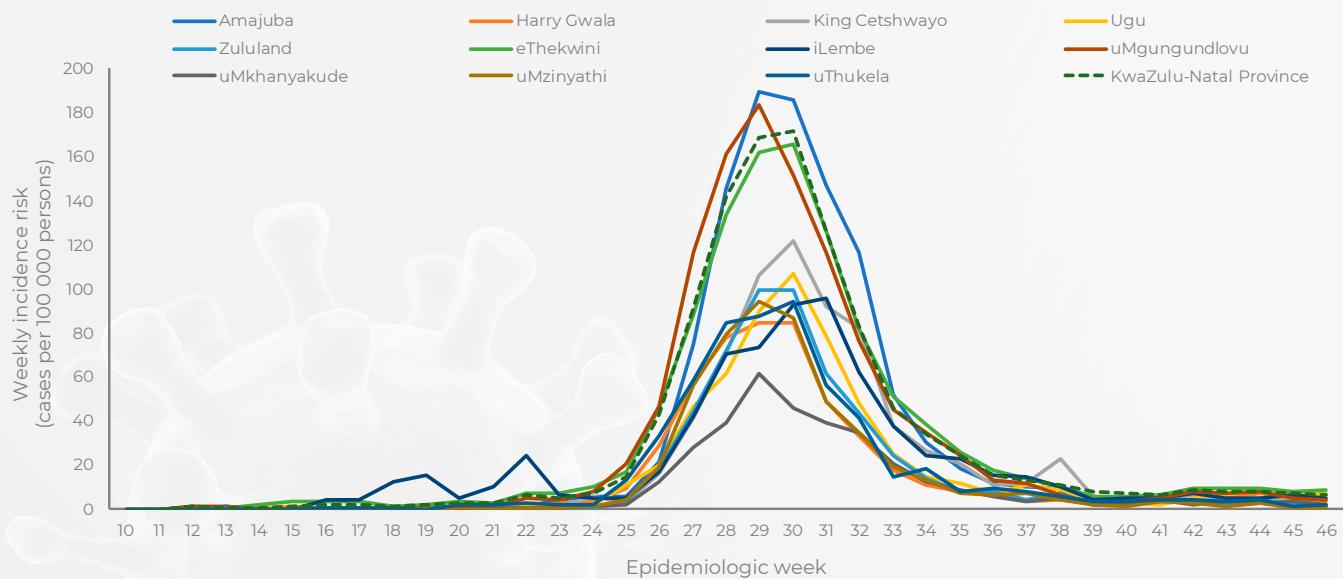
**Figure 2.** Weekly incidence risk of PCR-confirmed cases of COVID-19 by epidemiologic week, Gauteng Province, 3 March-14 November 2020 (a) by district ( $n= 207\,698$ , 23 945 missing district) (b) by age group in years ( $n= 229\,256$ , 2 387 missing age)

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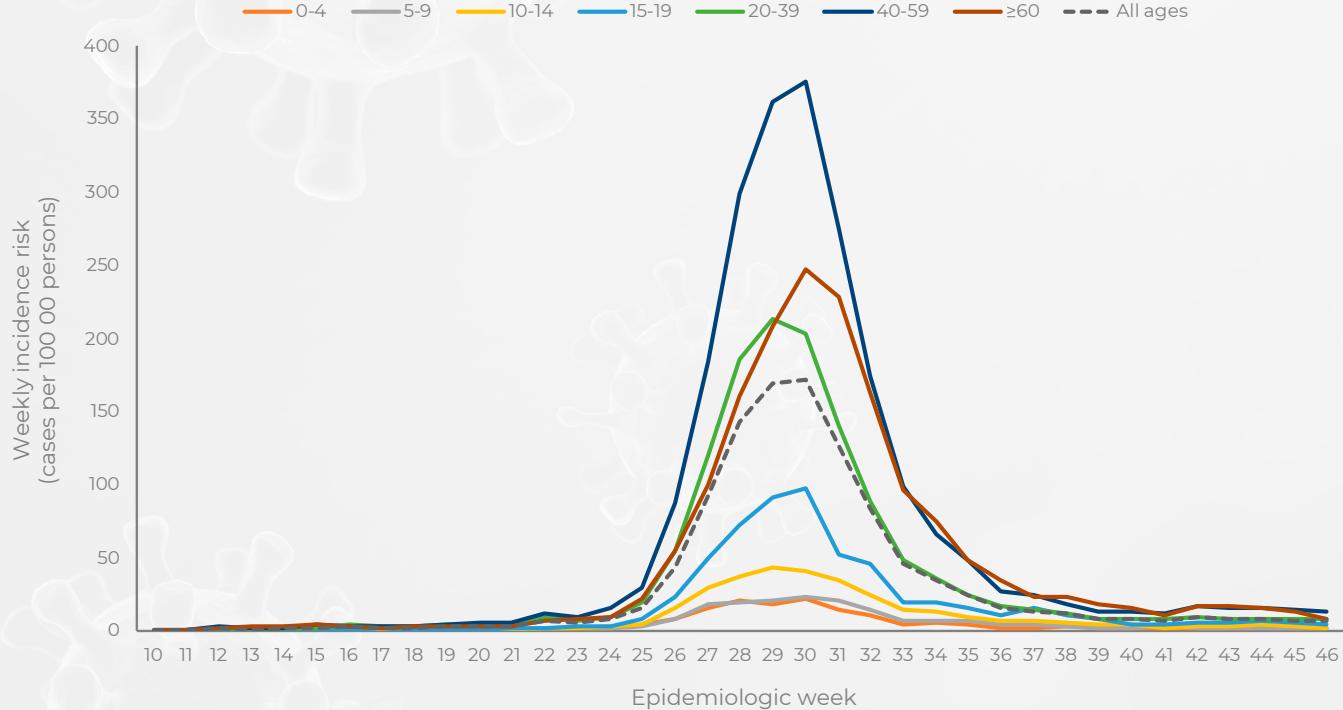
WEEK 46 2020

## KwaZulu-Natal Province

A



B



**Figure 3.** Weekly incidence risk of PCR-confirmed cases of COVID-19 by epidemiologic week, KwaZulu-Natal Province, 3 March-14 November 2020 (a) by district (n= 95 594, 29 303 missing district) (b) by age group in years (n= 123 930, 967 missing age)

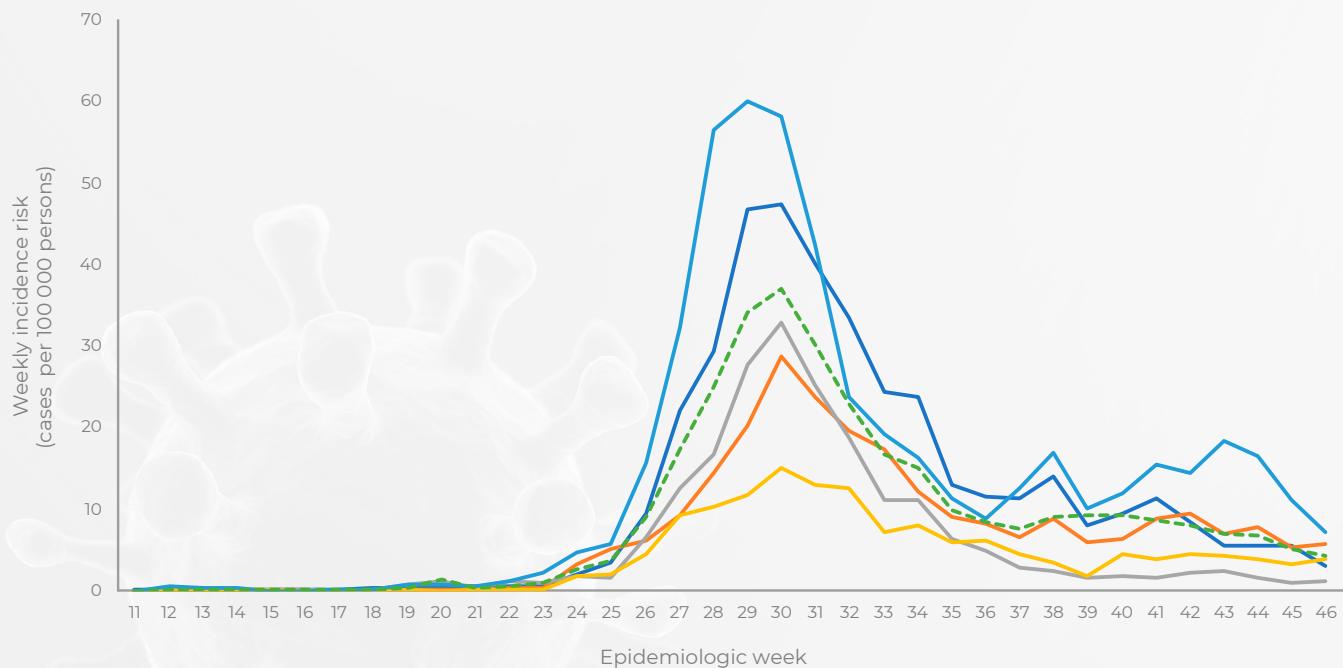
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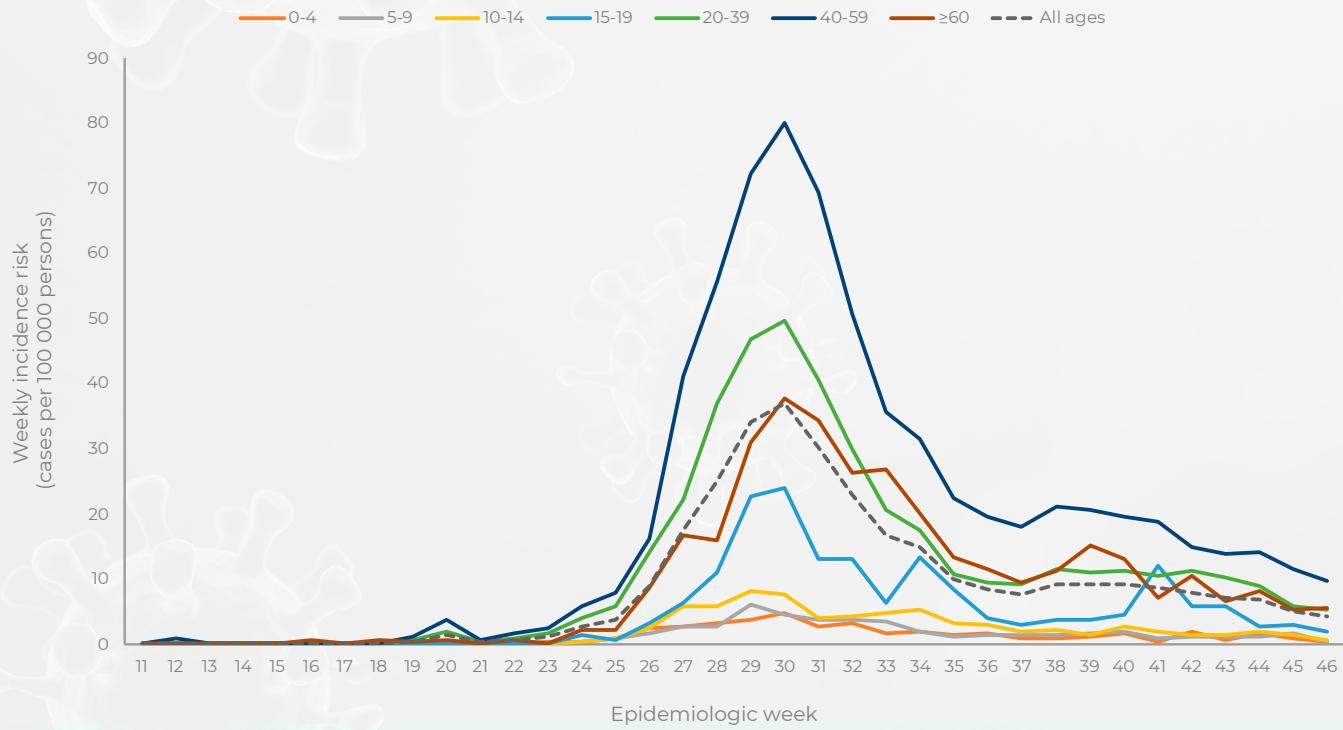
## Limpopo Province

Capricorn Mopani Sekhukhune Vhembe Waterberg Limpopo Province

A



B



**Figure 4.** Weekly incidence risk of PCR-confirmed cases of COVID-19 by epidemiologic week, Limpopo Province, 3 March-14 November 2020 (a) by district (n= 16 268, 1952 missing district) (b) by age group in years (n= 18 154, 66 missing age)

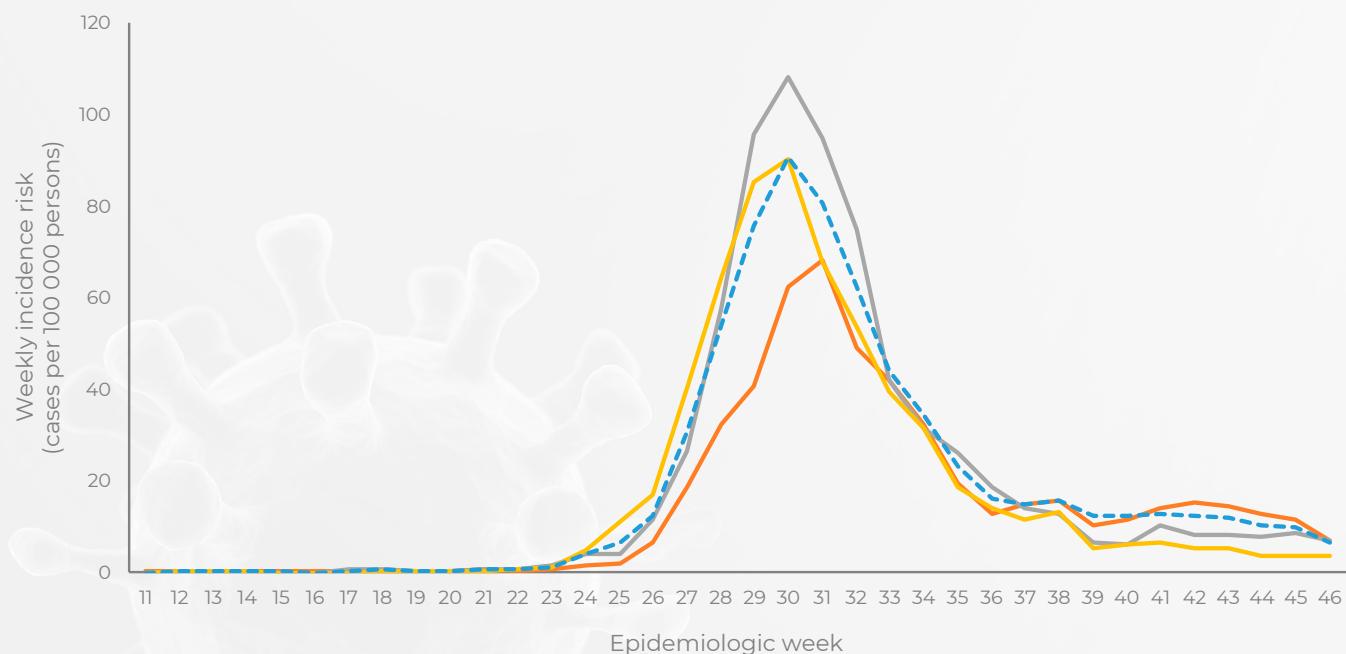
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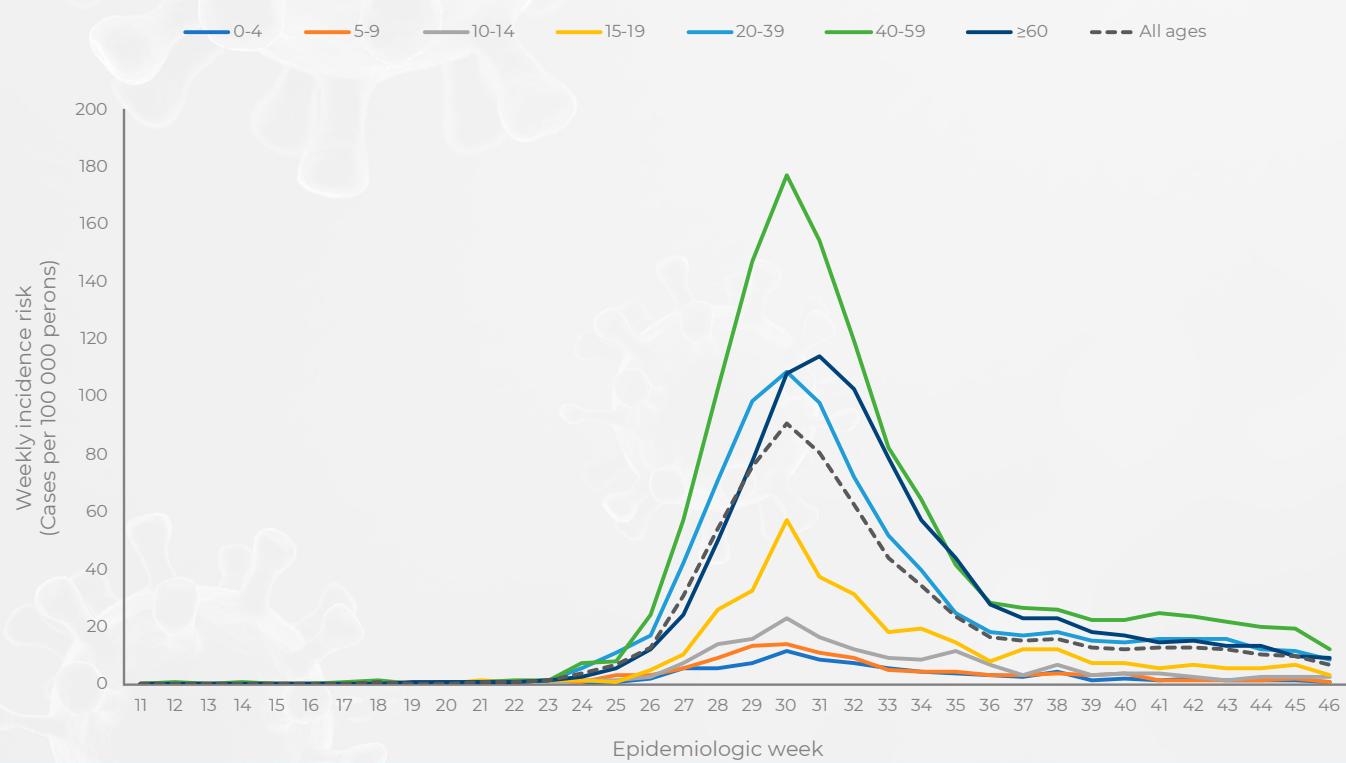
## Mpumalanga Province

— Ehlanzeni    — Gert Sibande    — Nkangala    - - Mpumalanga Province

A



B



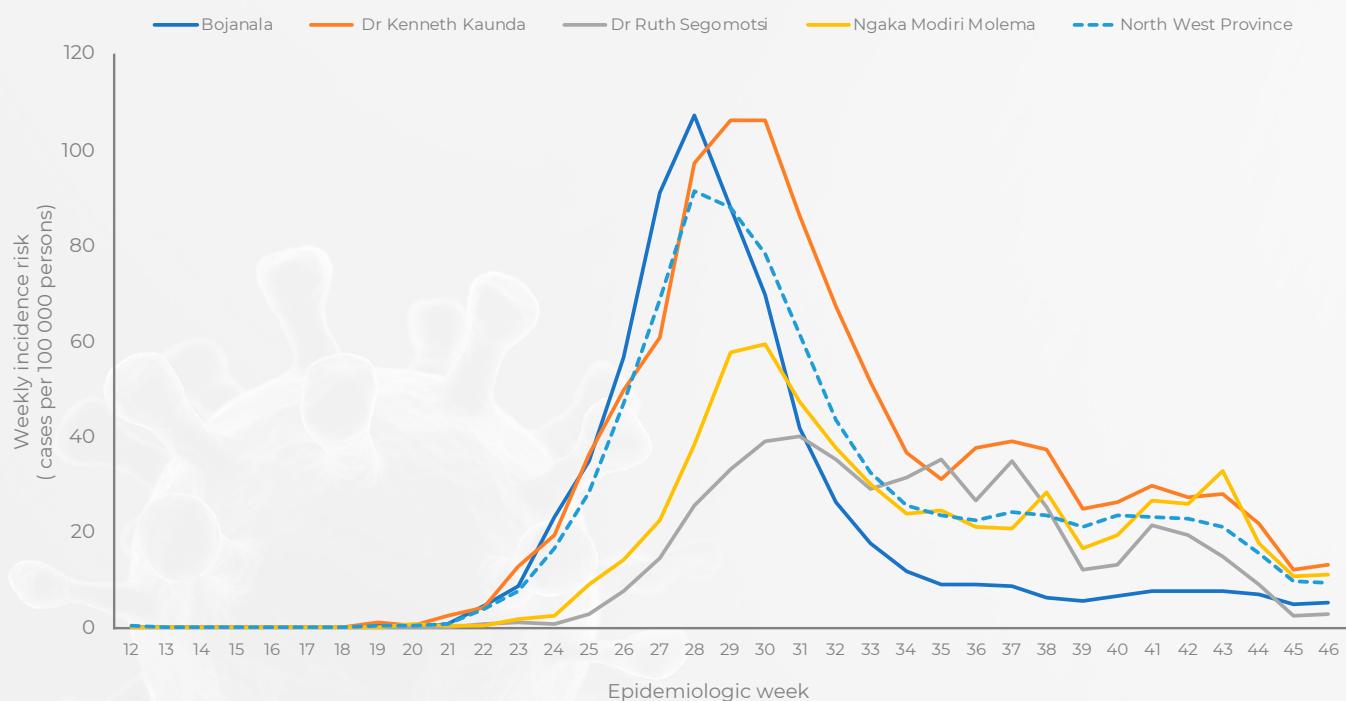
**Figure 5.** Weekly incidence risk of PCR-confirmed cases of COVID-19 by epidemiologic week, Mpumalanga Province, 3 March-14 November 2020 (a) by district (n= 27 768, 2 908 missing district) (b) by age group in years (n= 30 327, 349 missing age)

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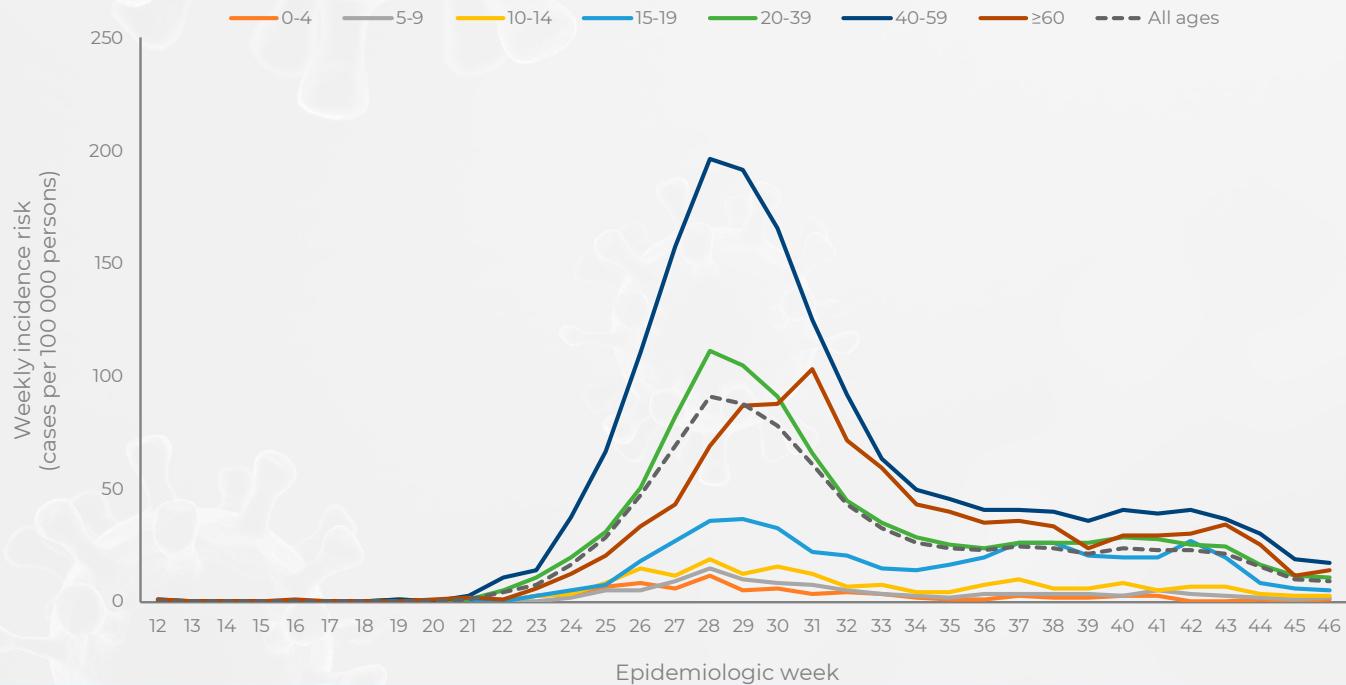
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## North West Province

A



B



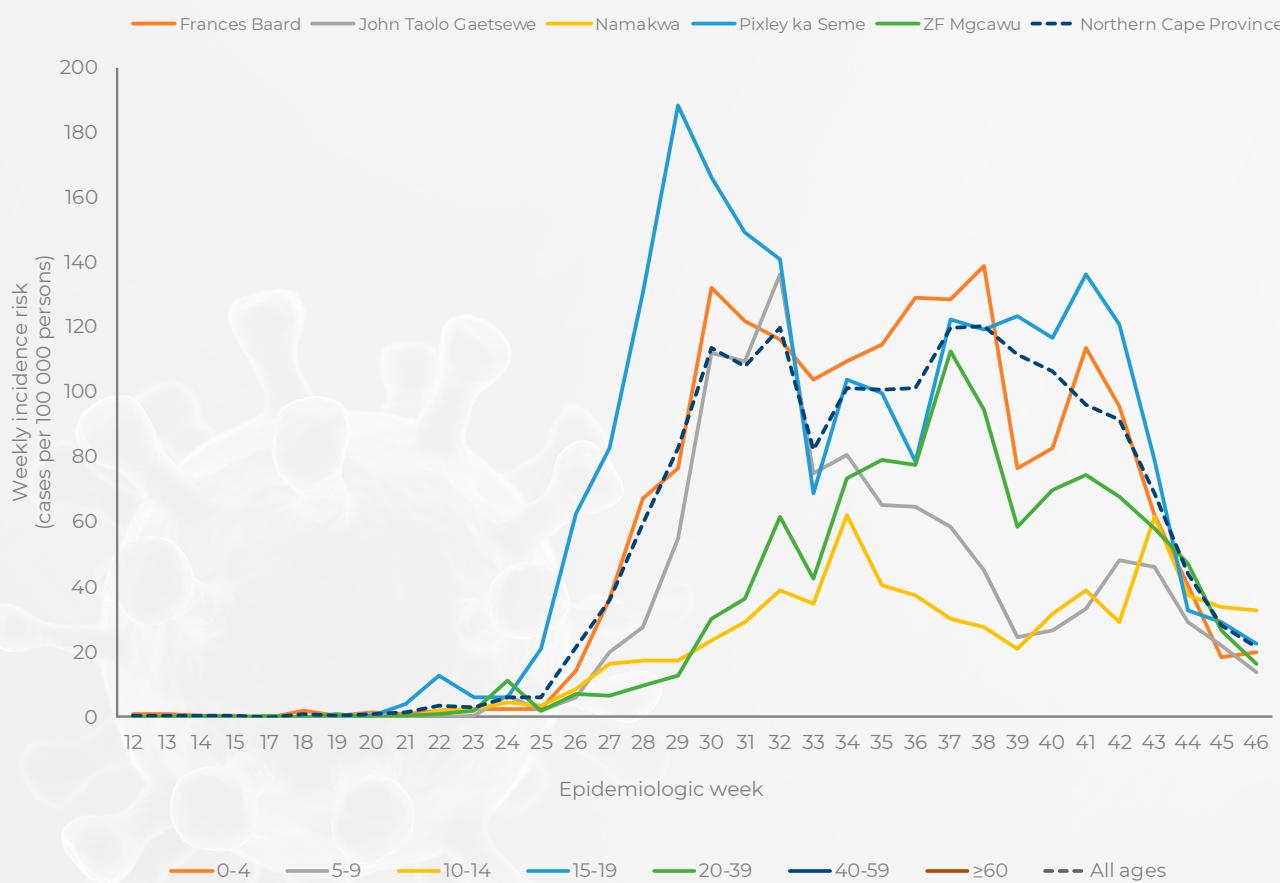
**Figure 6.** Weekly incidence risk of PCR-confirmed cases of COVID-19 by epidemiological week, North West Province, 3 March-14 November 2020 (a) by district (n= 29 124, 5 196 missing district) (b) by age group in years (n= 34 028, 292 missing age)

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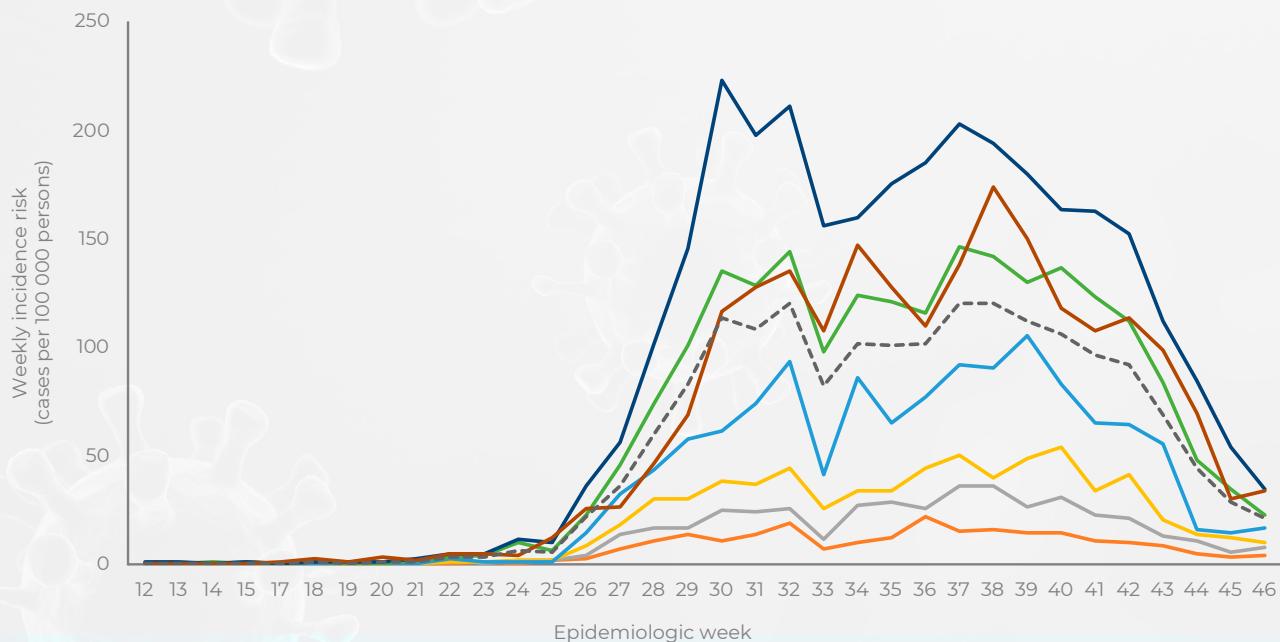
WEEK 46 2020

## Northern Cape Province

A



B



**Figure 7.** Weekly incidence risk of PCR-confirmed cases of COVID-19 by epidemiologic week, Northern Cape Province, 3 March-14 November 2020 (a) by district (n= 19 048, 3 668 missing district) (b) by age group in years (n= 22 498, 218 missing age)