Women and COVID-19 in Gauteng Alexandra Parker, Gillian Maree, Graeme Gotz, Samkelisiwe Khanyile September 1, 2020



There's no gender-neutral pandemic, and this one is no different. Women are affected not just by the virus or the disease, but by the circumstances surrounding it.

Phumzile Mlambo-Ngcuka, executive director of U.N. Women

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Proportion of COVID-19 cases per ward that are female

Women and COVID-19 in Gauteng



Using anonymised infection data from the Gauteng Department of Health, the map shows the percentage of female cases per ward. Wards shaded in orange have higher proportions of women testing positive for COVID-19 and wards shaded in purple have a greater proportion of male infections. Wards that are shaded while are close to an even split between men and women (between 48% and 53% female infections). Wards shaded grey have fewer than 20 cases in the ward.

than 20 cases in the ward. The map and Egree 1 below illustrate that the majority of wards in Gauleng have a greater proportion of female COVID-19 cases. Only 6% (31) of wards have a higher proportion of male cases. Over two thirds of wards (68%) have a majority of female cases. The map and Egree 1 feet that the majority of wards in Gauleng have a greater proportion of male cases is greater than female cases. In areas like Cartebonile, Westoraria and Randfonkin, the high major proportion of cases may relate to the dominance of the mining sector which has a mostly male workforce. In other areas like Mayfair, Fordsburg and Laudum, it is possible that the higher proportion of male cases is driven by mostly male workforce. In other areas like Mayfair, Fordsburg and Laudum, it is possible that the higher proportion of male cases is driven by mostly male workforce. In other areas like Mayfair, Fordsburg and Laudum, it is possible that the higher proportion of male cases is driven by mostly male workforce. In other areas like Mayfair, Fordsburg and Laudum, it is possible that the higher proportion of male cases is driven by mostly male workforce. In other areas like Mayfair, Fordsburg and Laudum, it is possible that the higher proportion of male cases is driven by mostly male workforce. In other areas like Mayfair, Fordsburg and Laudum, it is possible that the higher proportion of male cases is driven by mostly male workforce. In other areas like Mayfair, Fordsburg and Laudum, it is possible that the higher proportion of male cases is driven by mostly male workforce. In other areas like Mayfair, Fordsburg and Laudum, it is possible that the higher proportion of male cases is driven by mostly male workforce. In other areas like Mayfair, Fordsburg and Laudum, it is possible that the higher proportion of female cases is driven by mostly male workforce. In other areas like Mayfair, Fordsburg and Laudum, it is possible that the higher proportion of female cases is driven by mostly most and workfore driven the factor see

What might be driving the higher rate of COVID-19 cases for women?

There are serveral possible explanations for why working women may be more exposed to QOVID-19 in the data women make up the majority of grant recipients that they are contracting the virus at a higher rate than men while and more service work (e.g. cathiers, cleaners and nurses). It is also possible that because women make up the majority of grant recipients that they are contracting the virus at a higher rate than men while and the virus at a higher rate than men while and the virus at a higher contact care and frontline service work (e.g. cathiers, cleaners and nurses). It is also possible that because women make up the majority of grant recipients that they are contracting the virus at a higher rate than men while uses for monthly presents. We explore the contraction that they are contracting the virus at a higher rate than men while uses for monthly presents. We explore the contraction that they are contracting the virus at a higher rate than men while uses for monthly presents. We explore the contraction that they are contracting the virus at a higher rate than men while uses for monthly presents. We explore the contraction that they are contracting the virus at a higher rate than men while uses for monthly presents. We explore the contraction that they are contracting the virus at a higher rate than men while uses for monthly presents. We explore the contraction that they are contracting the virus at a higher rate than men while uses for monthly presents. We explore the contraction that they are contracting the virus at a higher rate than men while uses for monthly presents. We explore the contraction that they are contracting the virus at a higher rate than men while uses for monthly presents. We explore the virus at a higher rate than men while uses for monthly presents. We explore the virus at a higher rate than men while uses for monthly presents. We explore that the virus at the virus at a higher rate than men while uses for monthly presents. We explore that the virus at the virus at a higher rate t



To understand some of the drivers for the higher rates of female cases, we returned to GCRO's two risk indices related to COVID-19 vulnerabilities. Index 1 considers risk factors related to preventative measures such as maintaining high levels of personal hygiene and practising social distancing. These risk factors include living in a crowded dwelling; the absence of piped water; shared or inadequate tole! facilities; dependence on public health care finance are public hand; include a related to communication took; and relations, and social economic conditions such as risk factors related to preventative measures such as risk of hunger, ability to save money and access to endicial ad. Each holy on public hand; the related to the virial include a related to COVID-19 vulnerability. These factors include existing health conditions, most likely to save in condex contains (a contained or containing to COVID-19). These factors include existing health conditions, most likely because they are more likely to live in incorded divel living; the absence of piped water; shared or inadequate tole! The state factors is and the work indices related to the virial incore and the living; the absence of piped water; shared or inadequate tole! The state factors is and the living; the absence of piped water; shared or inadequate tole! The state factors is and the living; the absence of piped water; shared or inadequate tole! The state is and to living; the absence of piped water; shared or inadequate tole! The state is and to living; shared or inadequate tole! The state is and to living; the absence of piped water; shared or inadequate tole! The state is and to living; the absence of piped water; shared or inadequate tole! The state is and to living; shared or inadequate tole! The state is and to living; the absence of piped water; shared or inadequate tole! The state is and to living; the absence of piped water; shared or inadequate tole! The state is and to living; the absence of piped water; shared or inadequate tole! The absence



Figure 4: Transport mode and sex. Some of women's vulnerability to maintaining social distancing stems from their greater reliance on public transport. This chart shows the break down of transport mode and sex. More women use minibus taxis for their most frequent trip (49%) compared with 43% of men and thus, under current conditions with full occupancy in minibus taxis, more women may be exposed in the course of traveling. In comparison, more men (29%) than women (21%) use a care as a diver, with a much email there, with a much there is a care as a divert, with a much there, with a much there is a care as a divert, with a much there, with a much there, with a much there is a much smaller proportion of transport users.

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Figure 5: Proportion of male and female respondents in the QuL V(201716) survey by household size The chart shows the breakdown of sex and household size in focusency. It reveals how man dominate in an inaple-person households (of those living in households is in focusency is increased risk of hunger. [For more detail on risk lactors and household size in creased risk of hunger. [For more detail on risk lactors and household size in creased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size for male respondents in static and a bits points to an increased risk of hunger. [For more detail on risk lactors and household size increases of high households are associated with a source constraints, indicated by an increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger. [For more detail on risk lactors and household size increased risk of hunger.] (For more detail on risk lactors and household size increased risk infordicement on the advectors increased risk of hunger.] (For more detail on risk lactors and household size increased risk in



Note on the data: The infection data used in this analysis is from the Gauteng Department of Health, with specoching by ESNI South Africa (Ver 2.3), and includes all cases from 6 March - 7 August 2020. The data contains only confirmed positive cases of COVID-19. The data, therefore, cannot provide the number of infections in the Gauteng population, only the number of confirmed cases. Recommended citation: Parker, A., Maree, G., Gotz, G. and Kharyle, S. (2020) Women and COVID-19 in Gauteng, GCRO Map of the Month, Gauteng Dify-Region Observatory, August 2020. References
Casale, D., & Posel, D. (2020). Gender and the early effects of the COVID-19 crisis in the paid and unpaid economies in South Africa. Available from <u>cramsurvey.org</u>.

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