

# COVID & CDMX

May, 2021

## Team Members

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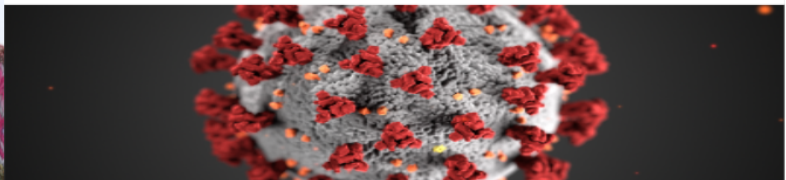
Hussein Huesca

## Project Description & Questions



### CDMX Covid Cases & Impacts -Task

- Understand if there is excess mortality, what are the factors, causes of death before covid and after covid, demographics.
- Make recommendations on demographics, and preventions for most vulnerable groups.



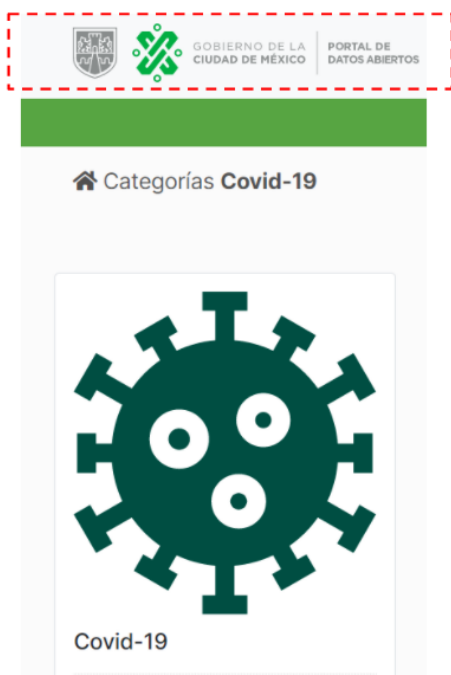
## Data Source

- <https://datos.cdmx.gob.mx/group/covid-19>

## Actas de defunción en el Registro Civil de la Ciudad de México a partir de 2017

Este conjunto de datos tiene como objetivo reportar las defunciones que ocurrieron en la Ciudad de México a partir del año 2017 y actualmente es utilizado para calcular el...

Descarga rápida:



Source: <https://datos.cdmx.gob.mx/dataset/actas-de-defuncion-en-el-registro-civil-de-la-ciudad-de-mexico/resource/d683ec6e-171a-4825-a523-2cdbf30f9894>

**actas-de-defuncion-en-el-registro-civil-de-la-c...**  
El conjunto de datos descargable.

[Descargar \(CSV 45100451KB\)](#)

**Información adicional**

Última actualización de los datos	19 de abril de 2021
Última actualización de los metadatos	19 de abril de 2021
Creado	28 de enero de 2021
Formato	CSV
Licencia	No se ha provisto de una licencia

[Explorador de Datos](#)

[Pantalla completa](#) [Incrustar](#)

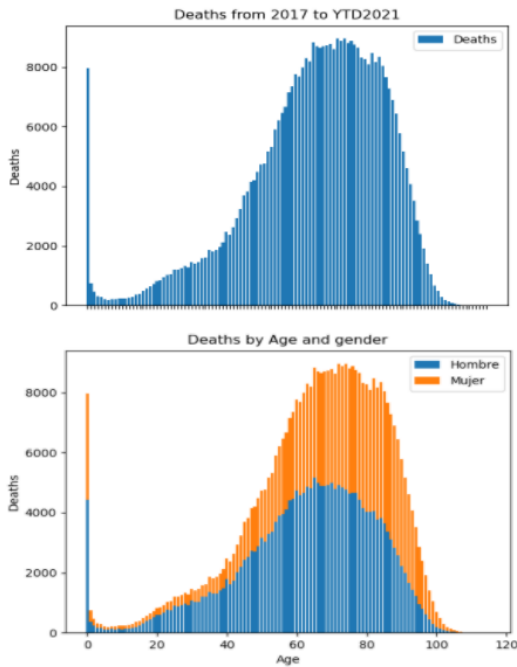
[Agregar Filtro](#)

Tabla Gráfico Mapa alrededor de 421000 registros « 1 - 100 » Filtros

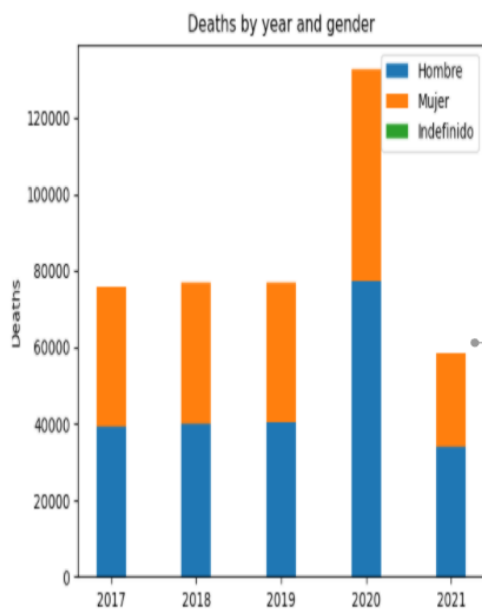
Buscar datos ... Ir »

_id	edad	sexo	fec_de...	estado	causa	causa_...	alcaldia	Lugar...	num...
47589	73	Mujer	2021-0...	CIUDA...	Covid-...	INSUFI...	GUSTA...	Hospital	37;...

## Insights



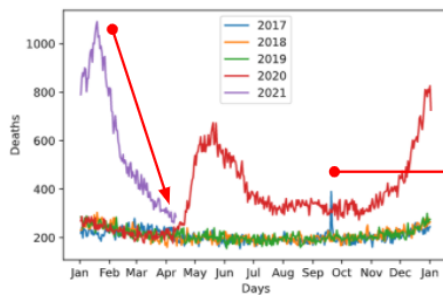
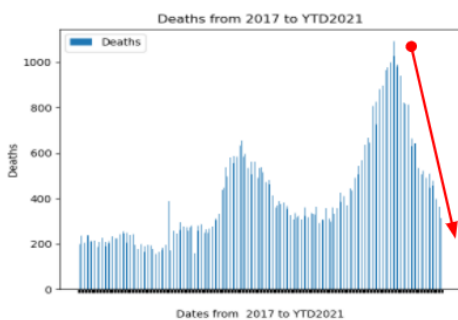
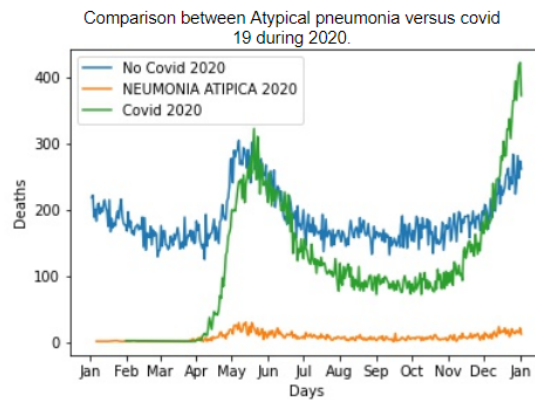
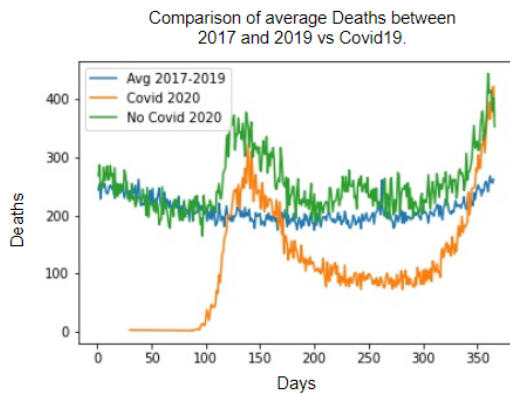
COVID19 is more lethal  
in Mexican Men  
We found a large  
number of deaths with  
undefined Age



Outlier in 2020: 55K deaths

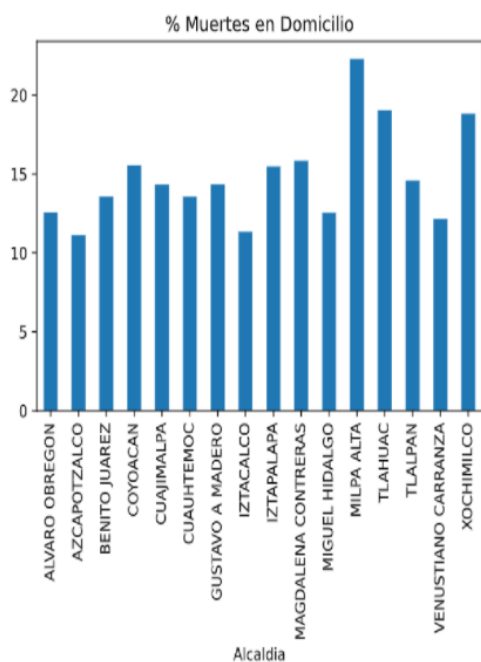
YTD 2021 (Mid April): would be  
the worst year if we cannot stop  
the linear tendency

## COVID was not the only main driver for the outlier of deaths in 2020



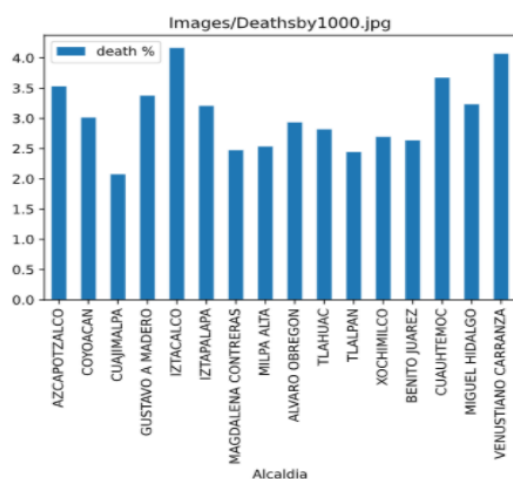
There is a decrease tendency in 2021, therefore previous year tendency would be wrong

Outlier in Sept '17 (Earthquake)

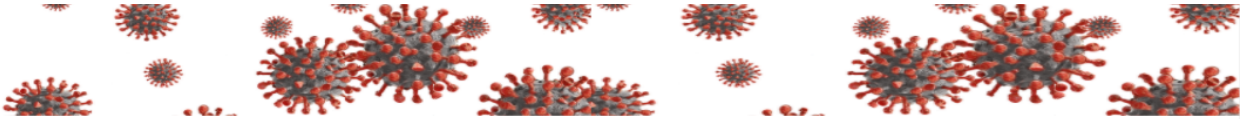


Not all people died in Health  
Care Institutions.  
No information to know what  
are the causes to die at home

Iztacalco the main  
“*alcaldia*” affected in  
2020



## Learnings and Conclusions



1. Mexican Men are more vulnerables to Die from Covid (40+)
2. Vaccination started in Dic '20. We can observe a decrease in deaths during 2021. Do not stop vaccination and speed up to reach groups 40+
3. Data show us that COVID deaths in 2020 were not the main cause for the outlier of 55k deaths.
4. Data from 2017 to 2019 lacks of information of Cause of Death (NaN). We could not compare with 2020 to know the main causes to the 55K outlier
5. Of the entries that have a defined Cause of Death 64 % unique Cause. This make very difficult to analyse this data.

