

# COVID-19 ANALYSIS



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# COVID-19 OVERVIEW

TOTAL CASES

19M

TOTAL DEATH

713K

RECOVERED

12M

SERIOUS/CRITICAL  
CASES

65K

TOTAL TEST

267M

DEATH RATE

3.72

RECOVERY RATE

62.95

DEATH PER 1 MILLION  
POPULATION

16.75K

MORTALITY RATE PER 100...

167.65

WHO REGION

WHO Region

- Select all
- (Blank)
- Africa
- Americas
- EasternMediterranean
- Europe
- South-EastAsia
- WesternPacific



# COUNTRY-WISE ANALYSIS

ACTIVE CASES

6358362

CONFIRMED CASES

16480485

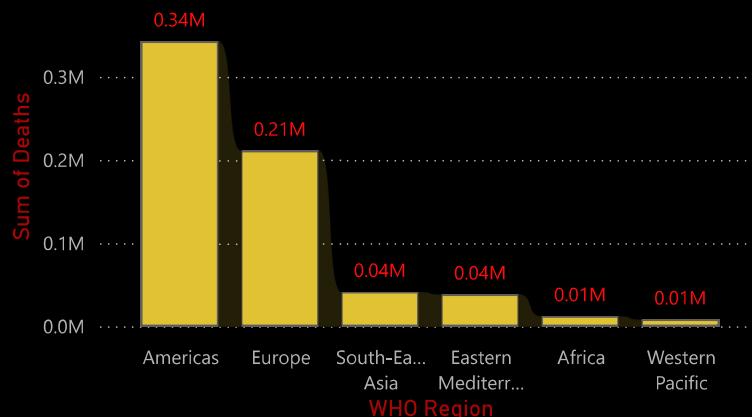
DEATHS

654036

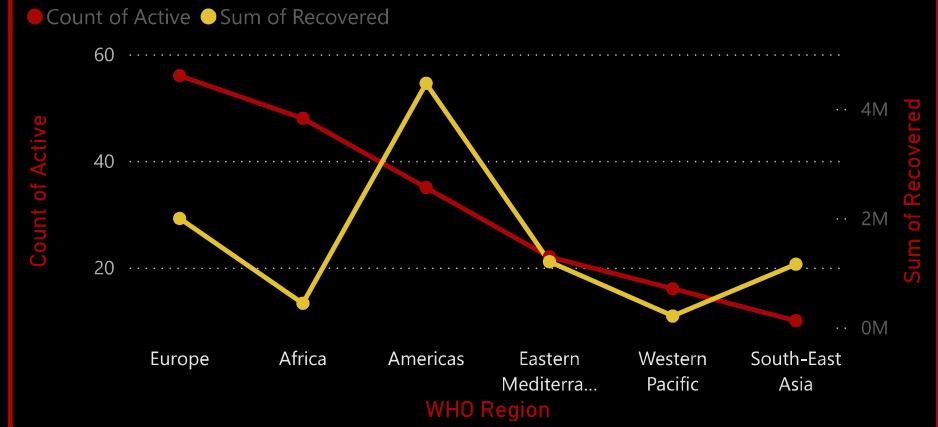
NEW CASES

228693

Sum of Deaths by WHO Region



Count of Active and Sum of Recovered by WHO Re...

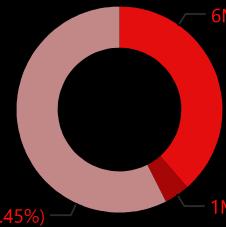




## WHO REGION

[Select all](#)[\(Blank\)](#)[Africa](#)[Americas](#)[Eastern Mediterr...](#)[Europe](#)[South-East Asia](#)[Western Pacific](#)[Clear all slicers](#)

### ACTIVE CASES, RECOVERED & DEATH



- Sum of Active
- Sum of Deaths
- Sum of Recovered

### TOTAL DEATH BY COUNTRY/REGION



#### Africa

723207  
Confirmed cases

440645  
Recovered cases

#### Americas

8839286  
Confirmed cases

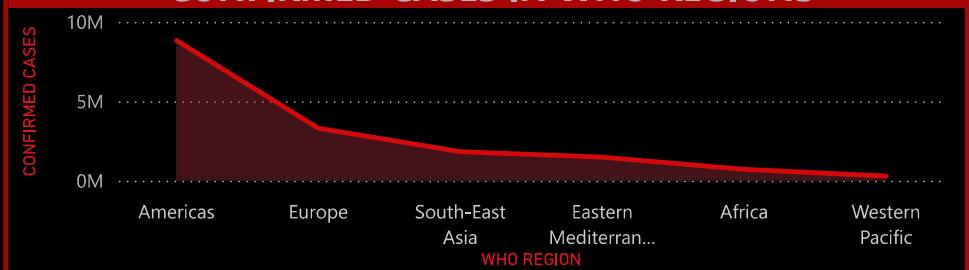
4468616  
Recovered cases

#### Eastern Mediterranean

1490744  
Confirmed cases

1201400  
Recovered cases

### CONFIRMED CASES IN WHO REGIONS



# DAY-WISE ANALYSIS

**January**

2020	9372	196	191
Year	Sum of New cases      Sum of New deaths      Sum of New recovered		

**February**

2020	75379	2723	38095
Year	Sum of New cases      Sum of New deaths      Sum of New recovered		

**March**

2020	786064	41542	135760
Year	Sum of New cases      Sum of New deaths      Sum of New recovered		

**April**

2020	2412383	190226	815542
Year	Sum of New cases      Sum of New deaths      Sum of New recovered		

**May**

2020	2921042	138902	1595973
Year	Sum of New cases      Sum of New deaths      Sum of New recovered		

**YEAR**

- Select all
- 2020

**DATE**

1/22/2020

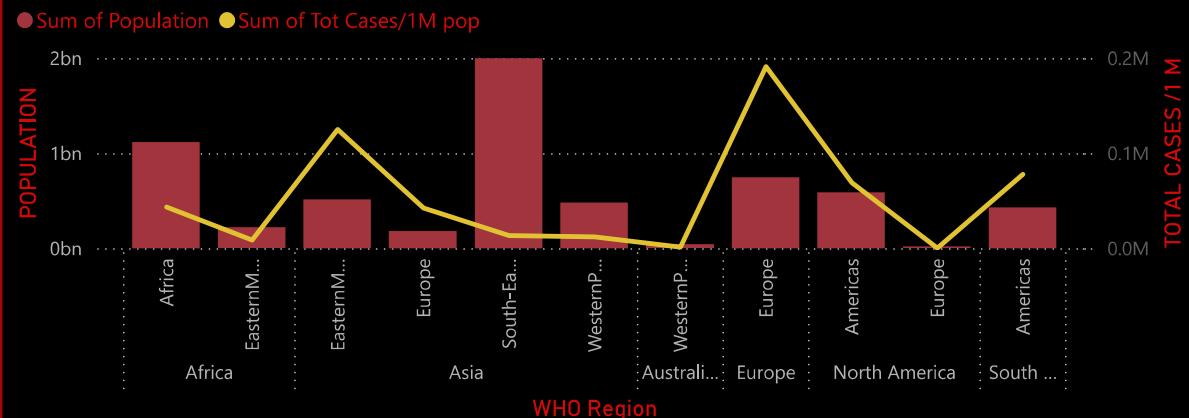
7/27/2020

Clear all slicers

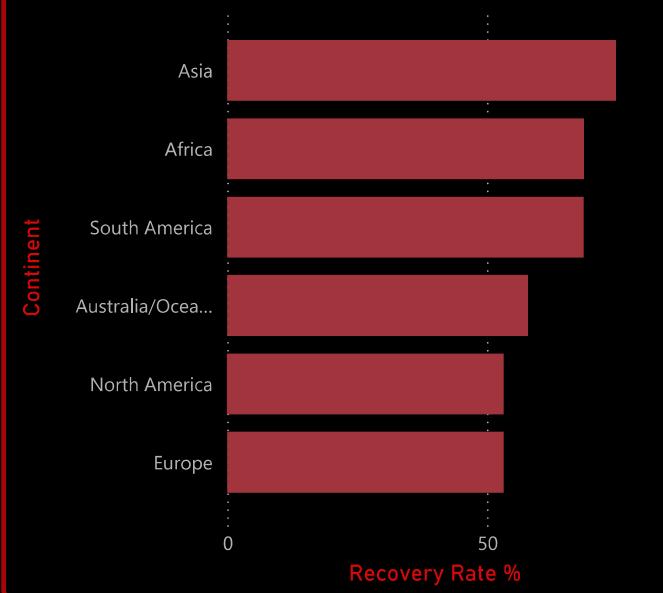


# WORLD WIDE ANALYSIS

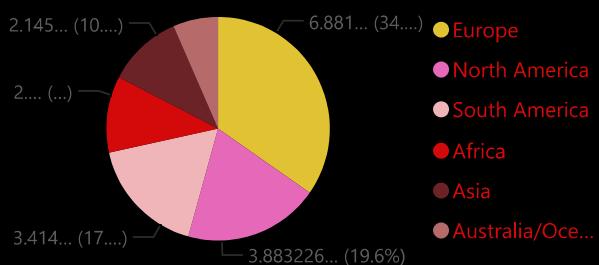
## POPULATION VS TOTAL CASES/ 1 M VS WHO REGION



## RECOVERY RATE % BY CONTINENT



## DEATH RATE % BY CONTINENT



DATE

1/22/2020  7/27/2020



# TABLES

Continent	Death Rate %	Recovery Rate %	Sum of MortalityRate per 10
Africa	2.19	68.62	1
Asia	2.15	74.80	1
Australia/Oceania	1.30	57.91	1
Europe	6.88	53.20	9
North America	3.88	53.24	2
South America	3.41	68.55	2
Total	3.72	62.95	16

WHO Region	Sum of Confirmed	Sum of Deaths	Sum of Recovered	Sum of Active
Western Pacific	292428	8249	206770	7
Eastern Mediterranean	1490744	38339	1201400	25
Africa	723207	12223	440645	27
South-East Asia	1835297	41349	1156933	63
Europe	3299523	211144	1993723	109
Americas	8839286	342732	4468616	402
Total	16480485	654036	9468087	6358

Continent	Sum of Population	Sum of Tests/1M pop	Sum of Tot Cases/1M pop
Asia	3172568329	3333224	1920
Europe	747335874	6443049	1909
South America	430807590	434829	775
North America	588128694	1241004	693
Africa	1337508366	712848	516
Australia/Oceania	40391068	287434	11
Total	6316739921	12452388	5827

Month	Sum of New cases	Sum of New recovered	Sum of New deaths
July	6030911	4186628	142826
June	4265801	2695870	137604
May	2921042	1595973	138902
April	2412383	815542	190226
March	786064	135760	41542
February	75379	38095	2723
January	9372	191	196





# CONCLUSION



**The COVID-19 pandemic, which began in early 2020, spread rapidly across the globe, affecting all WHO regions and nearly every country. The analysis of the dataset from January to July 2020 reveals several key trends and patterns in the pandemic's progression:**

- Europe and the Americas experienced the earliest and highest surge in cases.
- The overall Death rate was 3.72%
- The overall Recovery rate was 62.95%
- Regions and countries were affected differently, with developed nations experiencing higher case counts but also achieving better recovery rates compared to less-developed regions.

