



Malta Healthcare Report 2020

Past, Present, Future

Julia Battino and Francesca Micallef
Mentors - Dr. Pat Quinlan and Avery Corenswet



The Team



Julia Battino
Major- Business
Analytics
Minor- Economics



Francesca Micallef
Major- Business
Analytics



Avery Corenswet
Volunteer Mentor
RN, MHA, Health
Administrator
(Retired)



Patrick Quinlan MD
Volunteer Mentor
CEO Hippo
Technologies Inc.

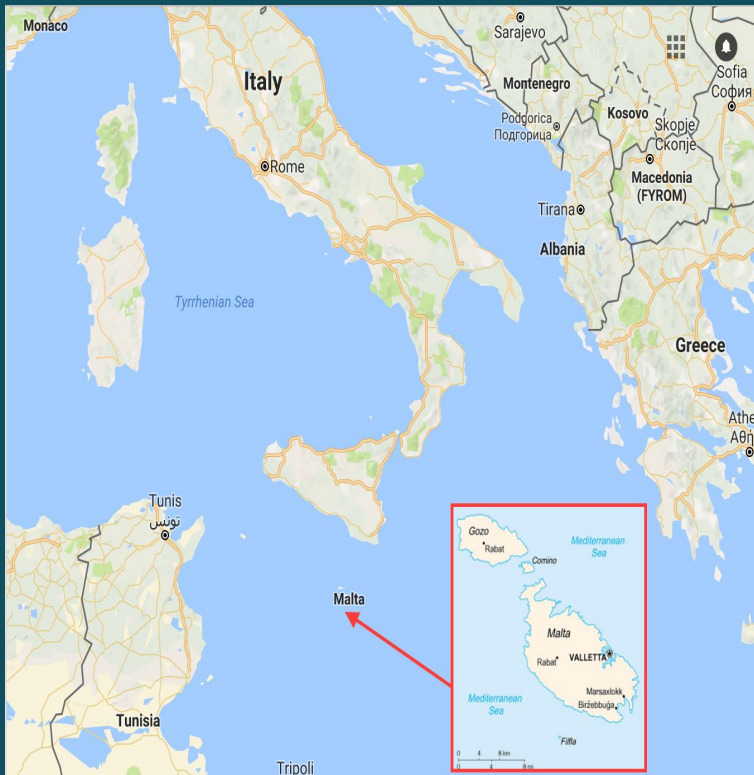
Table of Contents

1. Background
2. Past Healthcare
3. Present Healthcare
4. COVID-19 Effect
4. Future Healthcare
 - a. Recommendations
 - b. How to help
5. Acknowledgements
6. Sources



1

Malta Background



Located in the Mediterranean Sea between Sicily and the North African Coast



Comprised of three islands—
Malta, Gozo, Comino
—Comino is for swimming. No one lives there.





Malta

- ❑ Population of 514,564
- ❑ Maltese and English are the official languages
- ❑ Played a vital role in World War II as a base for the Allied Powers
- ❑ Admitted into the EU in 2004
- ❑ Roman Catholicism is a major influence in Maltese culture



2

Malta Healthcare - The Past

Santo Spirito Hospital- first hospital to open in Malta

Key Information

Data about the past in upcoming slides

- ❑ First hospital opened in 1372 in Rabat, Malta
 - ❑ Closed down in 1967, and was refurbished and restored into an Archives Museum
- ❑ Malta was ranked 5th in the WHO report in 2000
 - ❑ Overall healthcare services
 - ❑ US was ranked 37th
- ❑ Seventeenth century Europe suffered many epidemics that Malta was not equipped enough to handle yet, so many died



3

Malta Healthcare - The Present

Key Information

- ❑ Malta's economy is dependent on foreign trade, manufacturing, and tourism.
- ❑ Malta is 122 mi², population=514,564
 - ❑ Malta has 7 hospitals
 - ❑ Gozo has 1 hospital
- ❑ Cayman Islands is 100 mi², population=66,017
 - ❑ has 4 hospitals

Healthcare System

- ❑ Public and private healthcare system
- ❑ Free public healthcare for Maltese citizens and European Union residents
 - ❑ Public portion funded through taxation
 - ❑ Private physician- out of pocket or insurance
 - ❑ Hospital- free

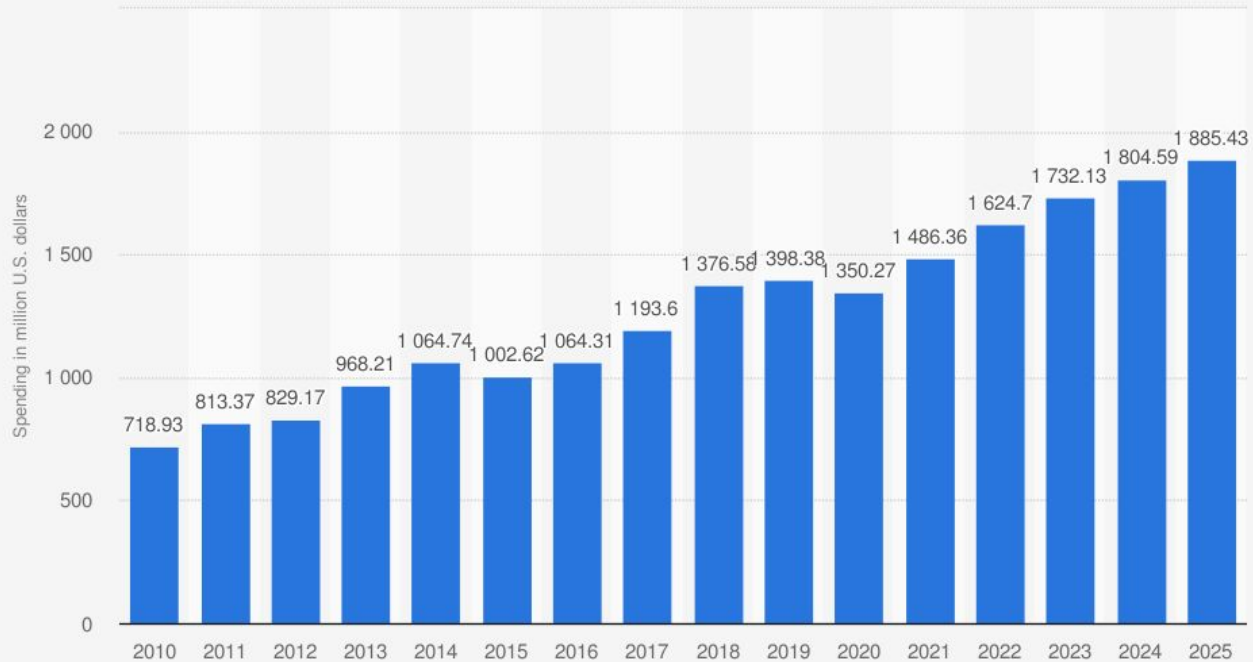
Public System

- ❑ Free public healthcare covers any type of treatment including
 - ❑ hospitalization
 - ❑ surgery
 - ❑ pregnancy/childbirth
 - ❑ rehabilitation
 - ❑ specialist treatment
 - ❑ prescriptions

Private System

- ❑ Private health insurance plans are available
- ❑ Ensures that people are fully covered for a wider range of services, shorter waiting times, and a higher standard of care than that typically available from government hospitals and clinics.

Forecast of the current healthcare spending in Malta from 2010 to 2025 (in million U.S. dollars)

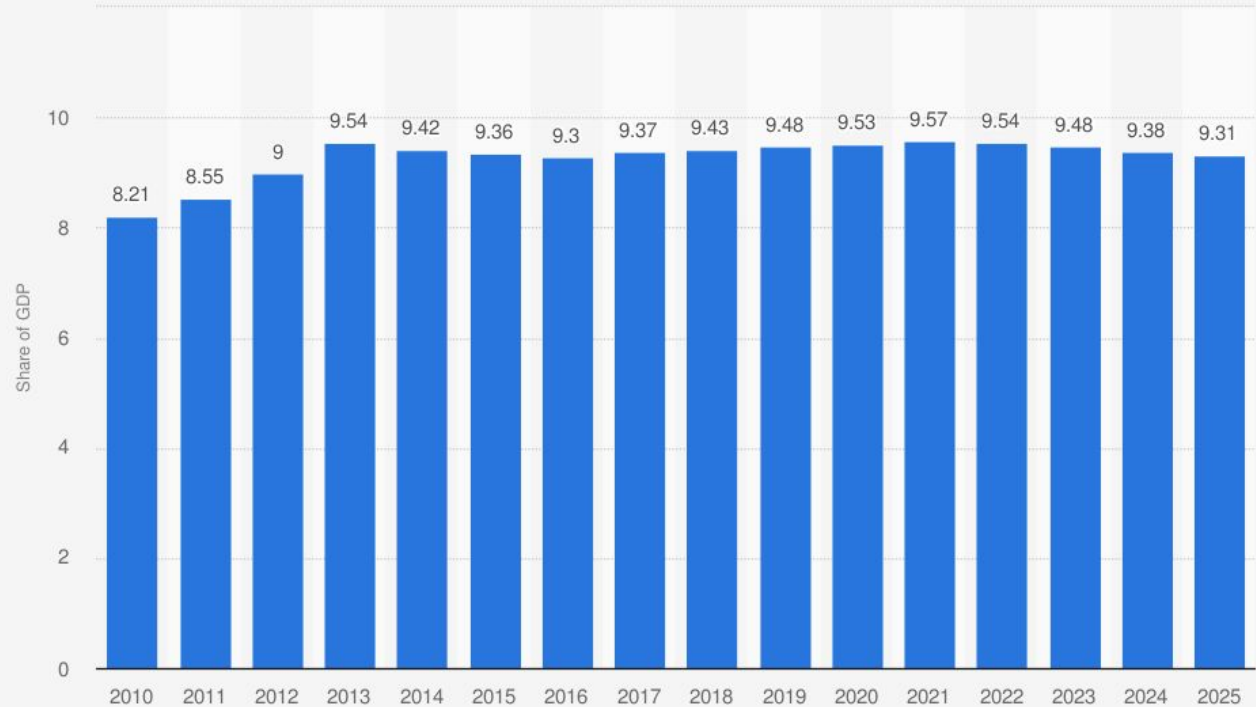


Source
Statista
© Statista 2020

Additional Information:
Statista; World Bank; 2010-2019; All values are estimates.

Forecast of the current health expenditure share of GDP in Malta from 2010 to 2025

- Malta will spend 9.5% of its GDP on healthcare in 2020.
- Italy will spend 6.2% of its GDP on healthcare in 2020.
- The United States will spend 18% of its GDP on healthcare in 2020.



Source
Statista
© Statista 2020

Additional Information:
Statista; World Bank; WHO; 2010-2019; All values are estimates.

Health Risks

Involved in mortality rate

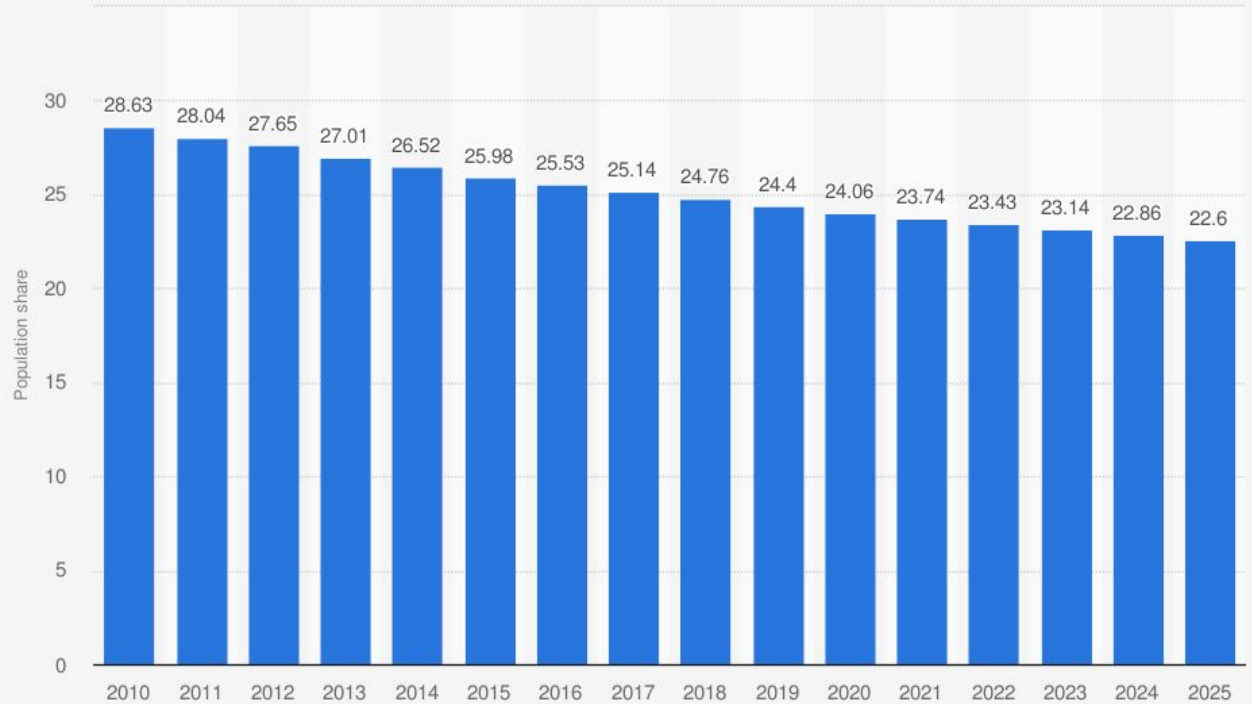
- ❑ Smoking
 - ❑ 1 in 5 kids reported smoking daily in 2014
 - ❑ Smoking rates are higher in men (23%) than women (17%)
 - ❑ Kids are also being involved in smoking starting at the young age 14-17
- ❑ Binge Drinking
 - ❑ 1 in 4 men and 1 in 8 women reported heavy drinking once a month in 2015
 - ❑ 15-16 year old children are also a part of this trend
- ❑ Ischaemic Heart Disease is one of the most preventable deaths in Malta - caused by smoking

❑ 24.4% of Malta's population smoked in 2019.

❑ 23.33% of Italy's population smoked in 2019.

❑ 14% of the United States population smoked in 2019.

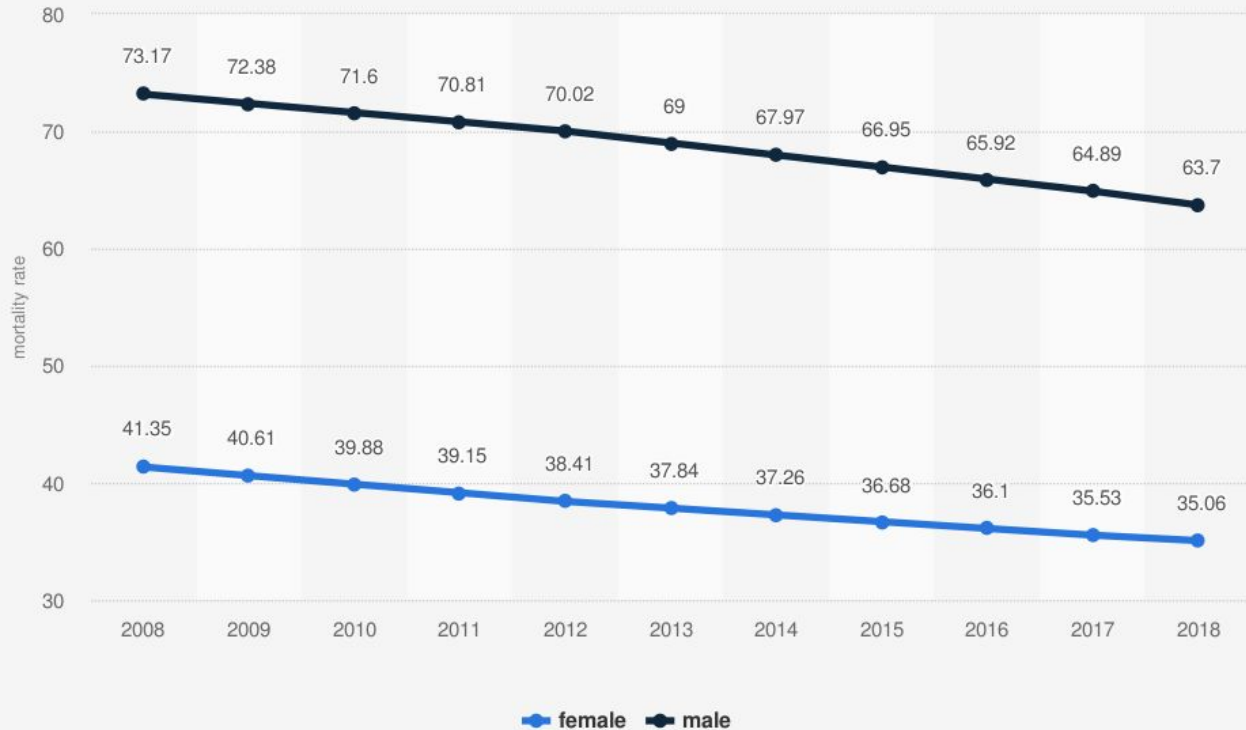
Forecast of the smoking prevalence in Malta from 2010 to 2025



Source
Statista
© Statista 2020

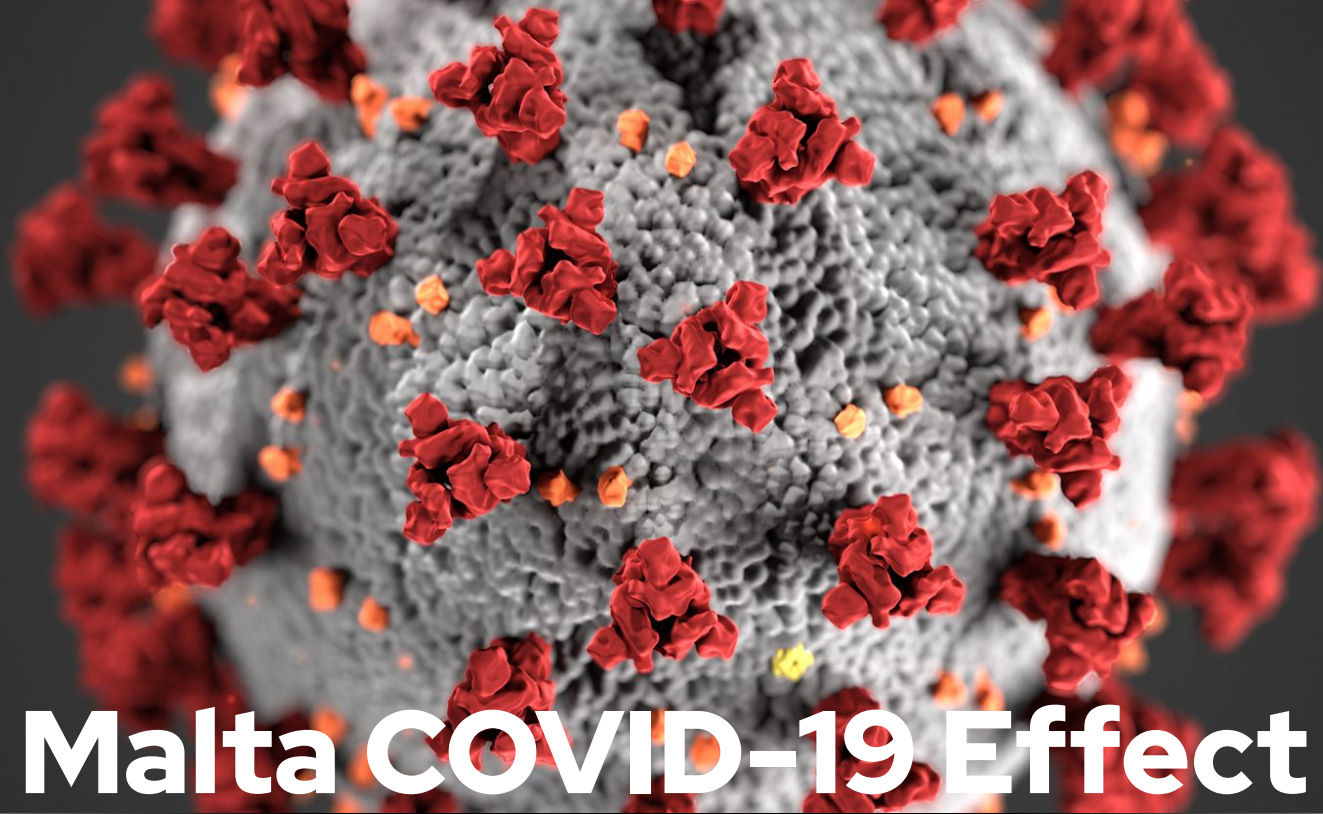
Additional Information:
Statista; World Bank; WHO; 2010-2019; All values are estimates.

Malta: Adult mortality rate from 2008 to 2018 (per 1,000 adults), by gender



Source
World Bank
© Statista 2020

Additional Information:
Malta; World Bank; 15-60 years



4

Malta COVID-19 Effect

Numbers

As of 12/2/2020

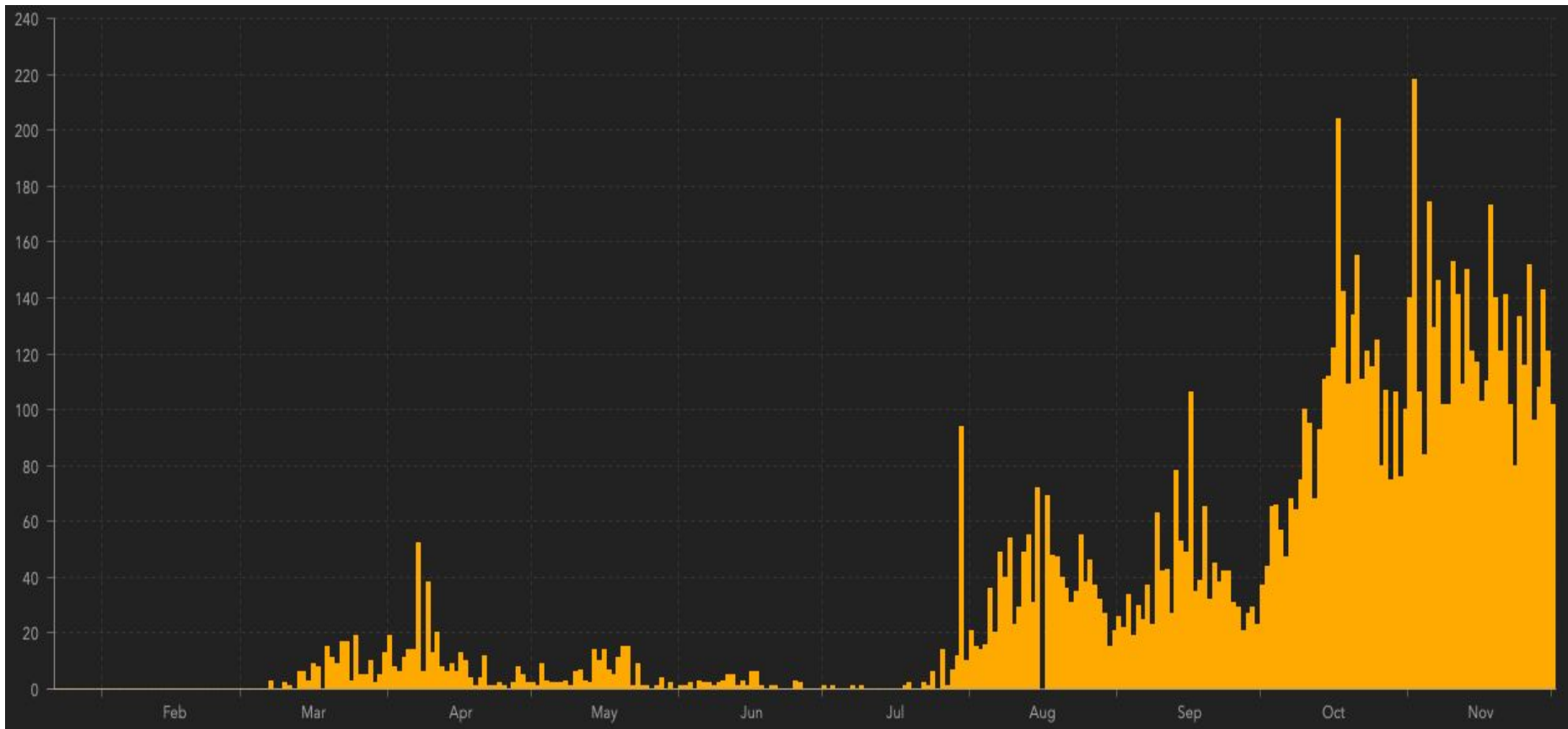
- ❑ Total COVID cases: 10,101
- ❑ Total cases recovered: 7,887
- ❑ Total COVID deaths: 146
- ❑ 250 ICU beds
- ❑ 120 ventilators

COVID-19 Guidelines

- ❑ CDC recommends travelers avoid all nonessential international travel to Malta.
- ❑ Public gatherings of four or more people are banned.
- ❑ People must leave a distance of at least two meters space between each other.
- ❑ With effect on October 23rd, 2020, any traveller arriving in Malta from any of the countries listed in the revised list of countries indicated hereunder is required to present a negative PCR COVID-19 test performed no later than seventy-two (72) hours before arrival in Malta.

COVID-19 Guidelines

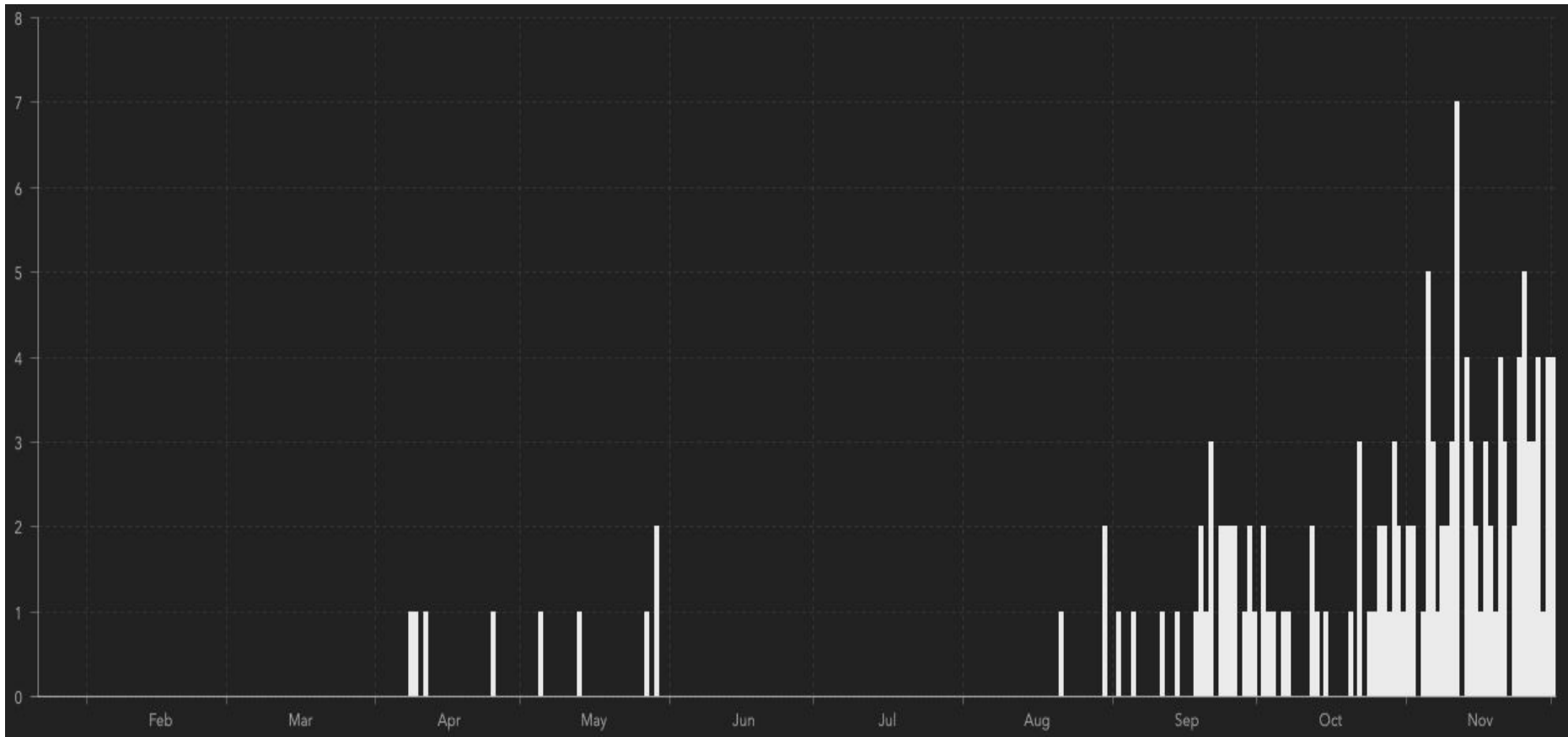
- ❑ The wearing of masks becomes mandatory in outdoor places and offices.
- ❑ Educational institutions are open.
- ❑ No more house calls.
- ❑ Bars and clubs are to close at 11pm.
- ❑ Rapid testing introduced.
- ❑ Increased fines and more enforcement by the relevant authorities.



"COVID-19 Map." Johns Hopkins Coronavirus Resource Center, coronavirus.jhu.edu/map.html.

Number of Daily Cases

As of 12/2/2020



"COVID-19 Map." Johns Hopkins Coronavirus Resource Center, coronavirus.jhu.edu/map.html.

Number of Daily Deaths

As of 12/2/2020



HEALTH
CARE

• MEDICAL CARE
• SOLUTION
• IDEA

• INVENTORS
• CREATIVITY
• DISCOVERY

• DISCOVERY
• DISCOVERY

5

Malta Healthcare - The Future

Key Information

- ❑ Our goal is for citizens to live a long, healthy life
 - ❑ Self care, home care, and virtual care
- ❑ Government policy should support healthy lifestyles
- ❑ Expansion and innovation of services for elderly
- ❑ Develop more services throughout the community
- ❑ Partnerships with stakeholders NGOs

Recommendations for the future

- ❑ Virtual care- Telehealth
 - ❑ Virtual appointments and monitoring patients with chronic conditions
 - ❑ Reduce hospitalizations, lower healthcare costs, and improve patient outcomes
- ❑ Improvements in information on hospital waiting times
- ❑ Campaigns for healthy eating, exercise, and quitting smoking
- ❑ More convenient access to current, reliable healthcare data
 - ❑ Including more analyses for future trends

Recommendations for the future

- ❑ Implement a comprehensive smoking intervention program- self care
 - ❑ Start with education at a young age
 - ❑ Children will then become advocates to help their parents quit- home care
 - ❑ Provide coverage for medications/help to incentivize people to quit smoking
 - ❑ Add taxation on cigarette products

Recommendations for the future

- ❑ Healthy eating -while keeping cultural awareness-
to eliminate obesity
 - ❑ Provide education on healthy eating/food portions
 - ❑ Promote healthy eating through advertisements
 - ❑ Self care- citizens taking caring of themselves by choosing a healthy diet

Recommendations for the future

- ❑ The program of national health must address the issue of alcohol and substance abuse
 - ❑ Recognized programs for prevention and treatment
 - ❑ Provide therapists to help with mental health
 - ❑ self care, virtual care, and home care

Recommendations for the future

- ❑ EverFi- offers free courses to educate people on a wide range of issues.
 - ❑ Important for citizens in Malta to take courses to educate themselves and prevent bad habits.
 - ❑ Can be offered in Maltese schools to teach students.
 - ❑ Alcohol and Substance Misuse course- empower students to make healthy and informed choices about alcohol use.
 - ❑ Mental Health and Well-being course- provide skills to navigate the stressors and emotional challenges of substance abuse.

How Citizens Can Help

- ❑ Become educated (no matter the age) by reading, listening, and observing
 - ❑ To become an advocate for a healthier life
 - ❑ To support others when in need
 - ❑ Home care - help family members and friends
- ❑ Support businesses that advocate for a healthier lifestyle
 - ❑ Such as therapy centers, education centers, medical centers, etc.
- ❑ Stop personal bad habits now
 - ❑ Self care- put yourself first and get help if needed

Acknowledgements



Mentors

Dr. Pat Quinlan
Avery Corenswet

Bibliography

Hospital Statistics, deputyprimeminister.gov.mt/en/dhir/Pages/Registries/hospitalstatistics.aspx.

"COVID-19 Coronavirus." *News RSS 20*, www.visitmalta.com/en/covid-19#:~:text=Travellers arriving in Malta from,may be subject to quarantine.

"COVID-19 Map." *Johns Hopkins Coronavirus Resource Center*, coronavirus.jhu.edu/map.html.

"COVID-19 in Malta - Warning - Level 3, Avoid Nonessential Travel - Travel Health Notices." *Centers for Disease Control and Prevention*, Centers for Disease Control and Prevention, wwwnc.cdc.gov/travel/notices/warning/coronavirus-malta.

"Healthcare in Malta - International Living Countries." *International Living*, 3 Apr. 2020, internationalliving.com/countries/malta/healthcare-in-malta.

MacDougall, Alan. *Marvin K. Peterson Library at UNH*, www-statista-com.unh-proxy01.newhaven.edu/forecasts/1149082/healthcare-spending-forecast-in-malta.

MacDougall, Alan. *Marvin K. Peterson Library at UNH*, www-statista-com.unh-proxy01.newhaven.edu/forecasts/1141716/health-expenditure-gdp-share-forecast-in-malta.

MacDougall, Alan. *Marvin K. Peterson Library at UNH*, www-statista-com.unh-proxy01.newhaven.edu/forecasts/1148775/smoking-prevalence-forecast-in-malta.

"Malta." *Encyclopædia Britannica*, Encyclopædia Britannica, Inc., 12 Nov. 2020, www.britannica.com/place/Malta.

"Malta: Country Health Profile 2019." *State of Health in the EU*, 2019, doi:10.1787/05db1284-en.

"Malta: WHO Coronavirus Disease (COVID-19) Dashboard." *World Health Organization*, World Health Organization, covid19.who.int/region/euro/country/mt.

Thank You



Maltese Cross- symbol of Knights of Malta