



CANCER INCIDENCE

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CANCER &
INCIDENCE

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PREVALENCE &
MORTALITY

CANCER RISK
FACTORS

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WORLDWIDE
CANCER STATS
2020

LIBYA CANCER
STATS 2020

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CONCLUSIONS



Cancer is a generic term for a large group of diseases that can affect any part of the body. Other terms used are malignant tumors and neoplasms. One defining feature of cancer is the rapid creation of abnormal cells that grow beyond their usual boundaries, and which can then invade adjoining parts of the body and spread to other organs, the latter process is referred to as metastasizing.

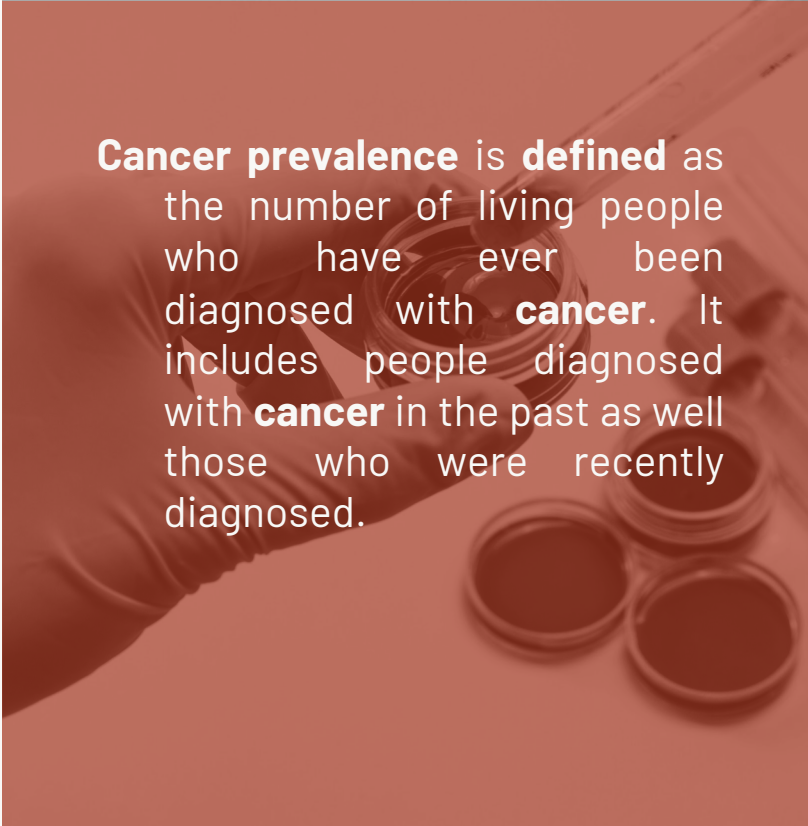
CANCER

A **cancer incidence rate** is the number of new cancers of a specific site/type occurring in a specified population during a year, usually expressed as the number of cancers per 100,000 population at risk.



INCIDENCE

PREVALENCE

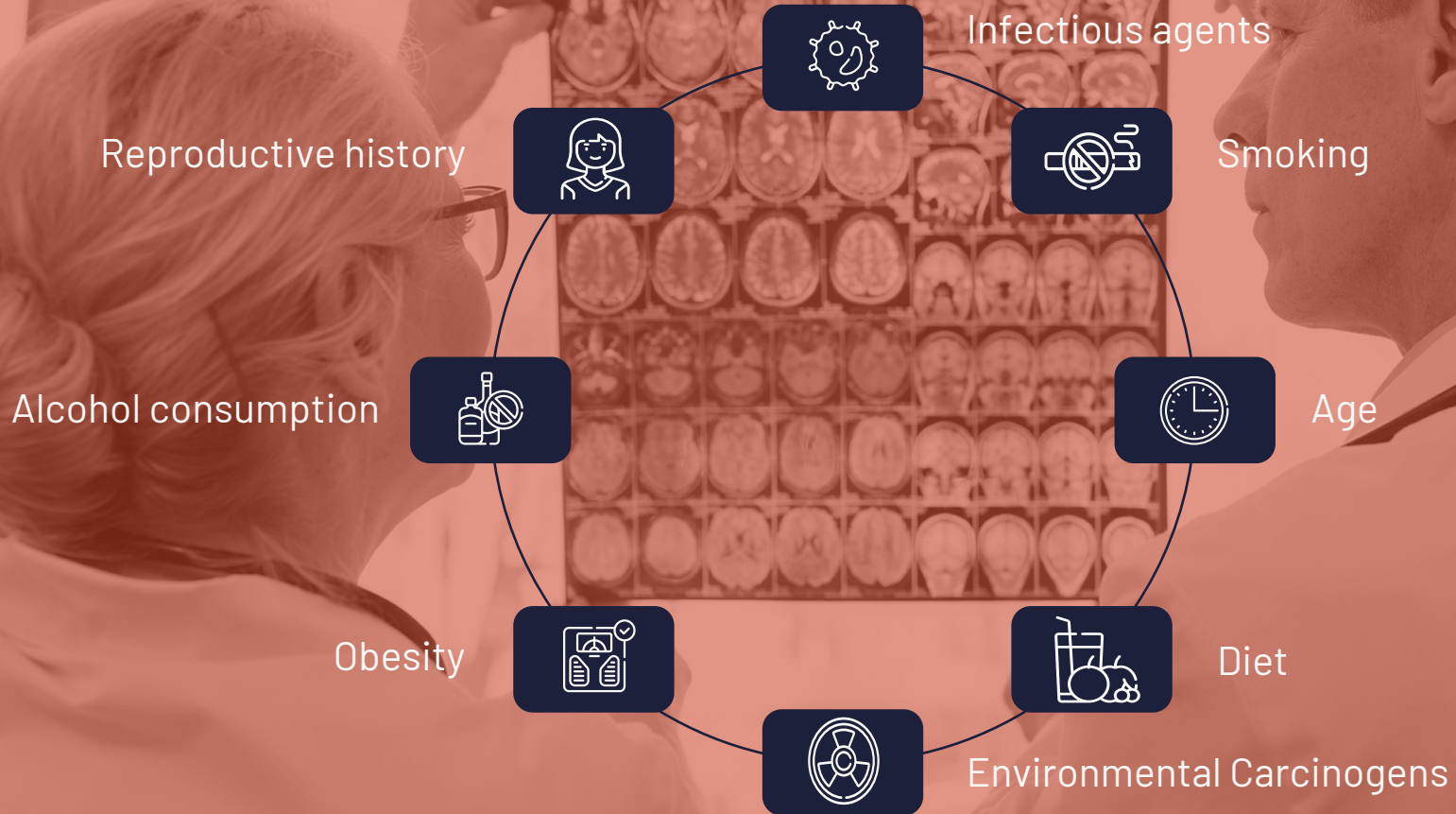


Cancer prevalence is defined as the number of living people who have ever been diagnosed with **cancer**. It includes people diagnosed with **cancer** in the past as well as those who were recently diagnosed.

MORTALITY

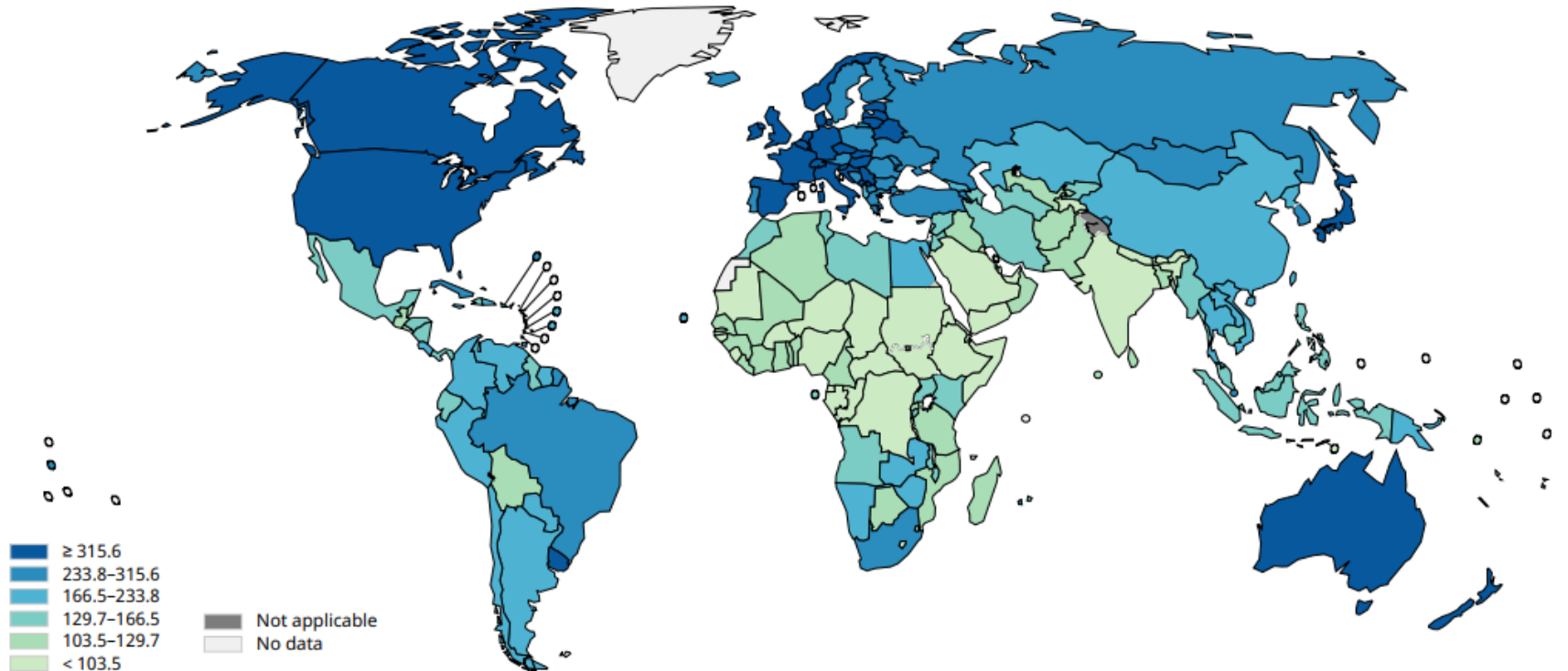
Cancer mortality is expressed either as number of **cancer deaths** occurring, or as a mortality rate, i.e., the number of **cancer deaths** per 100 000 persons per year. **Cancer** mortality provides a measure of the impact of **cancer** in a given population.

CANCER RISK FACTORS



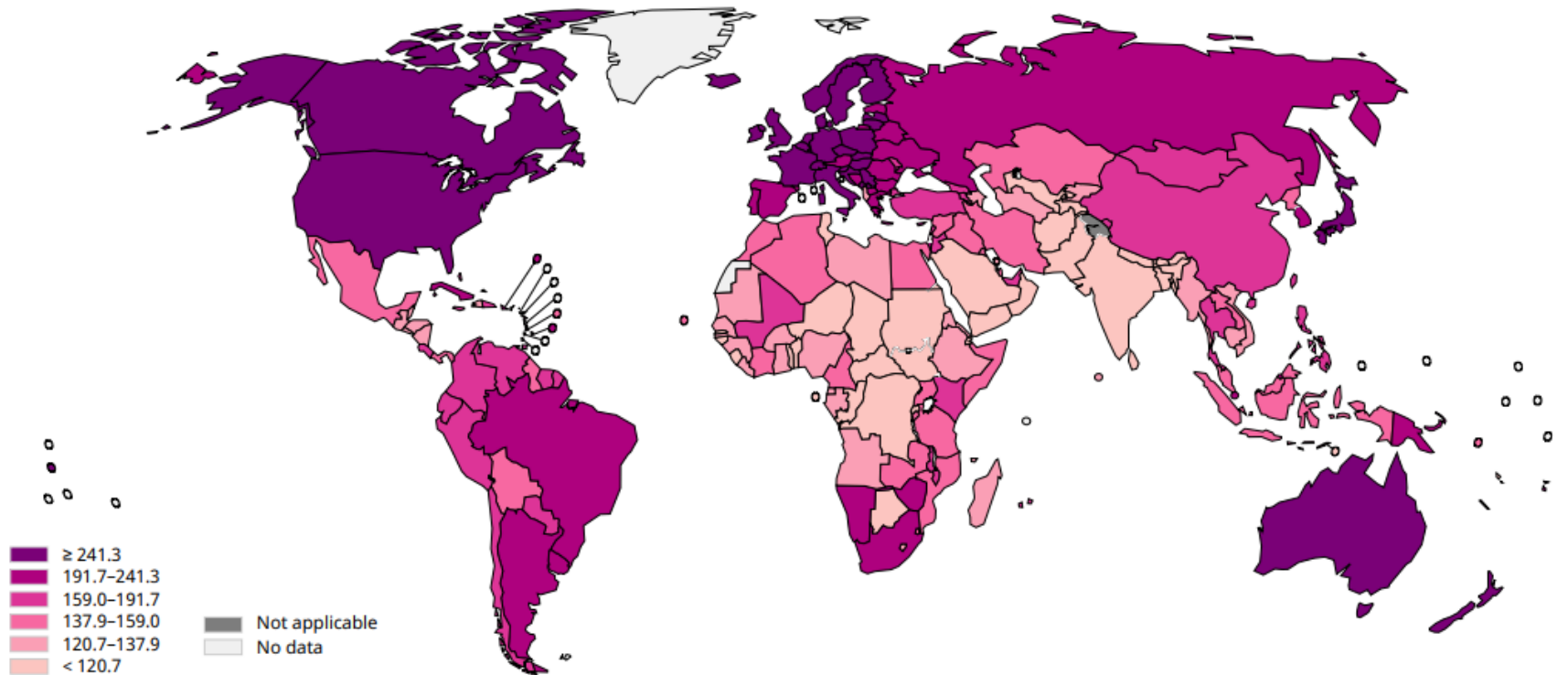
WORLDWIDE CANCER STATS 2020

Age standardized (World) incidence rates, all cancers, males, all ages



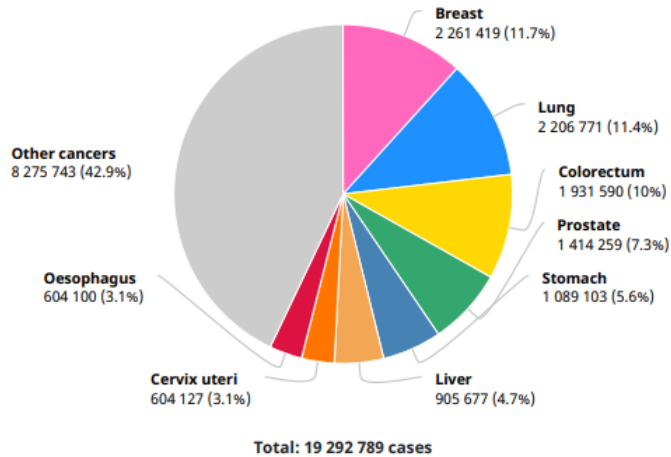
WORLWIDE CANCER STATS 2020

Age standardized (World) incidence rates, all cancers, females, all ages

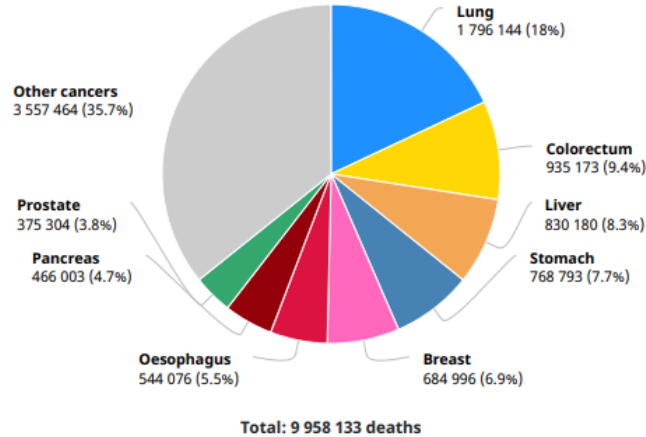


WORLWIDE CANCER STATS 2020

Number of new cases in 2020, both sexes, all ages



Number of deaths in 2020, both sexes, all ages



Numbers at a glance

Total population

7 794 798 844

Number of new cases

19 292 789

Number of deaths

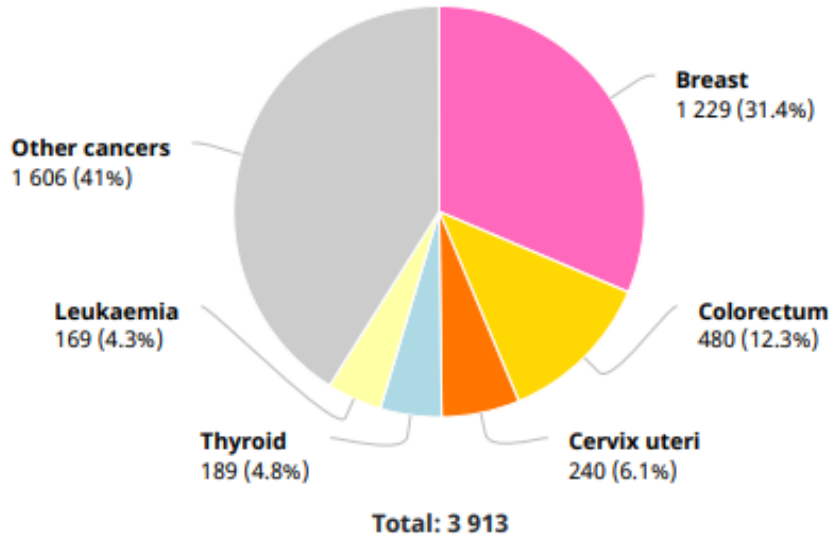
9 958 133

Number of prevalent cases (5-year)

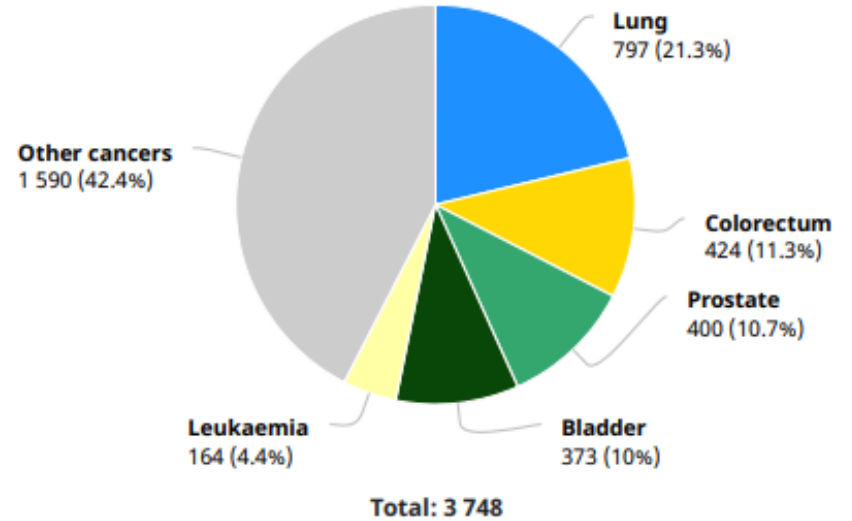
50 550 287

LIBYA CANCER STATS 2020

Number of new cases in 2020, females, all ages

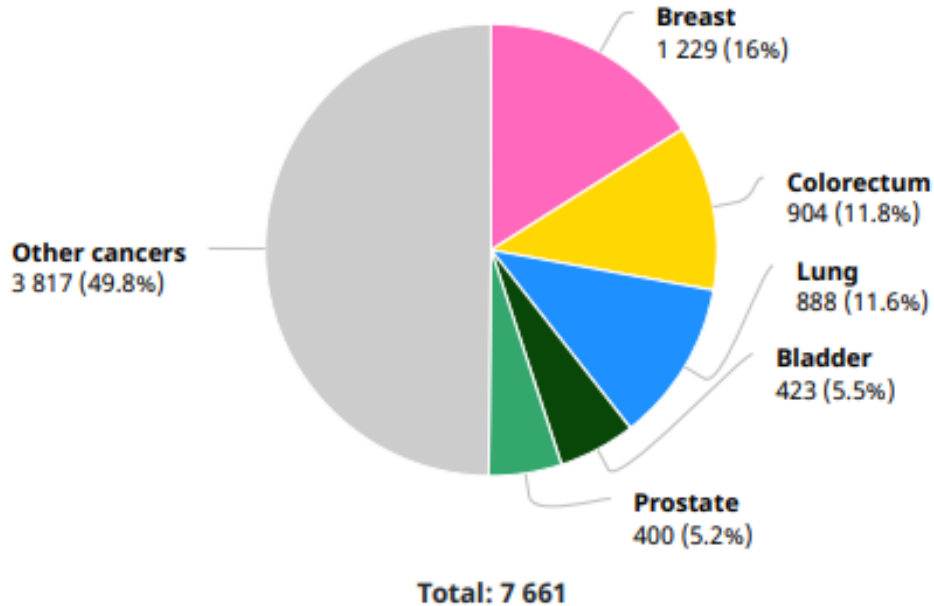


Number of new cases in 2020, males, all ages



LIBYA CANCER STATS 2020

Number of new cases in 2020, both sexes, all ages



Numbers at a glance

Total population

6 871 287

Number of new cases

7 661

Number of deaths

4 750

Number of prevalent cases (5-year)

17 531

CONCLUSIONS

Cancer statistics describe what happens in large groups of people and provide a picture in time of the burden of cancer on society.

They also tell us about differences among groups defined by age, sex, racial/ethnic group, geographic location, and other categories.

Statistics tell us things such as how many people are diagnosed with and die from cancer each year, the number of people who are currently living after a cancer diagnosis, the average age at diagnosis, and the numbers of people who are still alive at a given time after diagnosis.

Cancer statistics also help us see trends by looking at cancer rates over time, we can track changes in the risk of developing and dying from specific cancers as well as cancer overall.

A photograph of a female scientist with blonde hair tied back, wearing safety glasses and a white lab coat. She is looking through a microscope. The image has a reddish-orange tint. The text "THANK YOU FOR LISTENING!" is overlaid in white, bold, sans-serif font in the center. Below it, the text "Any questions?" is overlaid in a smaller, white, sans-serif font.

**THANK YOU FOR
LISTENING!**

Any questions?

RESOURCES

- <https://gco.iarc.fr/today/home> [Time of Access: 29/12/2020; 12:00]
- <https://www.cancer.gov/about-cancer/understanding/statistics> [Time of Access: 29/12/2020; 12:00]
- <https://gco.iarc.fr/today/data/facts-sheets/populations/900-world-fact-sheets.pdf> [Time of Access: 29/12/2020; 12:00]
- <https://gco.iarc.fr/today/data/factsheets/cancers/39-All-cancers-fact-sheet.pdf> [Time of Access: 29/12/2020; 12:00]
- <https://gco.iarc.fr/today/data/factsheets/populations/434-libya-fact-sheets.pdf> [Time of Access: 29/12/2020; 12:00]
- <https://www.who.int/news-room/fact-sheets/detail/cancer> [Time of Access: 29/12/2020; 12:00]
- <https://seer.cancer.gov/statistics/types/incidence.html#:~:text=A%20cancer%20incidence%20rate%20is,per%20100%2C000%20population%20at%20risk> [Time of Access: 29/12/2020; 12:00]
- Kumar, V., Abbas, A.K. & Aster, J.C. (2014) *Robbins Basic pathology*. 9th edition. [Online]. Available from: doi:10.1136/jcp.47.1.95-d.