



UNHCR
The UN Refugee Agency

REPRODUCIBLE ANALYSIS PDF REPORT

PLACEHOLDER COVER PICTURE

First page sub-title

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Images, plots and tables

This section will provide with all the guidance to insert images, charts and tables.

Images

By default the images will take the **whole width** of the page area (max-width = 100%, 18cm inside the margins). It is important to adapt and fix the picture ratio before inserting them. There are some helper **.class** that can be used to have some flexibility in the layout. If none of the **.class** cover your needs you can always add some **style** directly to the element.

To add an image just use `![image-name](image-link)`. A caption can be added on the line right after the image (no extra line break). For proper styling please include the caption between `*` symbol (sign to make text *italic*).

Example:

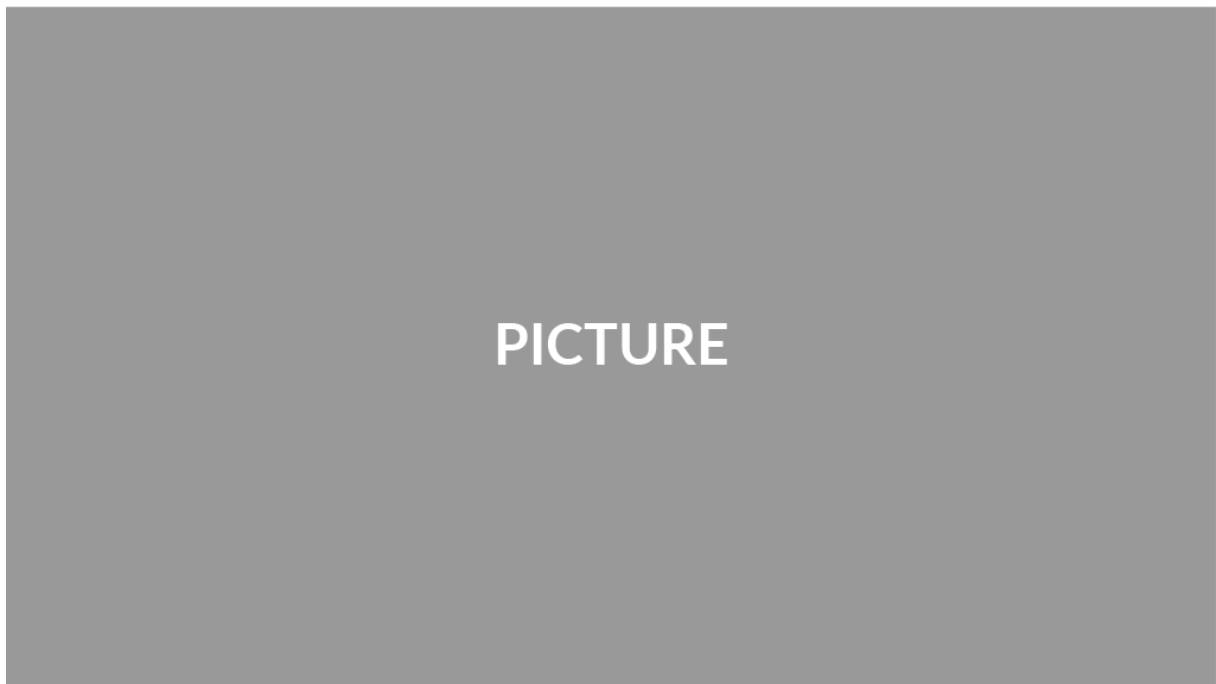


Image caption text. © UNHCR Photographer name

```
# Important NOT to include an extra line break after the image  
# to make sure the caption is stylized correctly  
![Placeholder](img/169_pics_landscape.png)  
*Image caption text. &copy; UNHCR Photographer name*
```

Helper classes and images

Whole width images might not always be the best option for your layout, especially with *portrait orientation* pictures. Use the `.img50` (max-width: 50%) or `.img75` (max-width: 75%) classes around the image and caption to reduce their sizes.

Example:

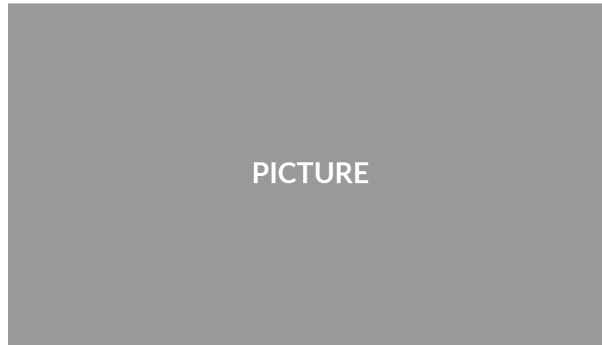


Image caption text. © UNHCR Photographer name

```

::: {.img50}
! [Placeholder] (img/169_pics_landscape.png)
*Image caption text. &copy; UNHCR Photographer name*
:::

```

Combine it with the `.float-start` or `.float-end` classes to align the image on a specific side of the page and even have text around it. **Be careful with the use of floats** as the image and caption aren't part of the text flow anymore so all the content that follows will be placed next to it and not anymore below. Wrap both the image (+ caption) and the content you want to be next to it with the class `.clearfix` to cancel this. The content after the `<div class="clearfix">` will be back within the normal flow.

Example:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum finibus dui eu mi tincidunt, blandit posuere tellus aliquet. Vivamus eget neque felis. Nam vitae est quis lacus aliquet maximus ut id magna. Nulla quis massa felis. Pellentesque sit amet varius felis, non lobortis orci. Aliquam sit amet arcu suscipit, porttitor sapien eget, ultricies ipsum.

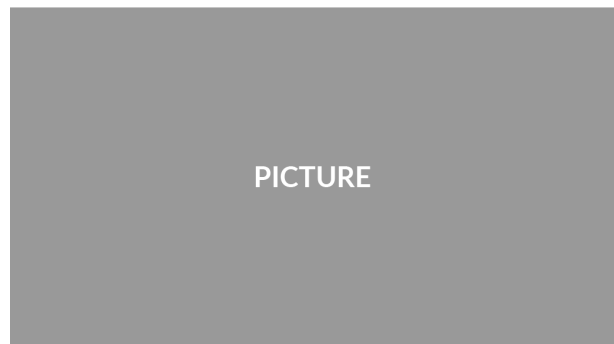


Image caption text. © UNHCR Photographer name

```

::: {.clearfix}
::: {.img50 .float-end}

```

```

! [Placeholder](img/169_pics_landscape.png)
*Image caption text. &copy; UNHCR Photographer name*
:::
Lorem ipsum dolor sit amet, text that will be placed next to the image
:::

```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum finibus dui eu mi tincidunt, blandit posuere tellus aliquet. Vivamus eget neque felis.

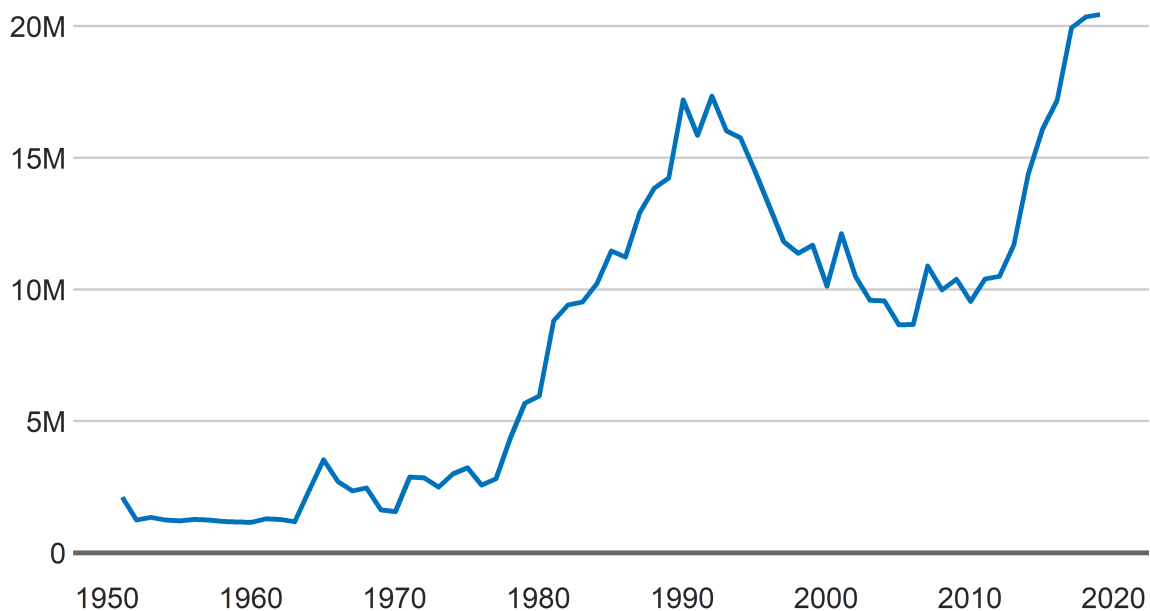
Plots

You can also embed plots created directly in R. Please review the vignette on the `unhcr_theme` for `ggplot2` for more details on how to create chart following UNHCR brand.

If you have the List of figure activated you will need to include `fig.cap` in code chunk parameter. The text will be used for the caption itself as well as the name in the List of figure.

Total number of refugees

Evolution of refugee population 1951-2020



Source: UNHCR Refugee Statistics

Figure 1: Total number of refugees - UNHCR Refugee Statistics

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot and only show the plot itself in the report.

Unlike the images the size of the plots will be defined directly in the code chunk using the `out.width` parameter. We recommend that you use relative measure like `out.width="75%"`. You can also set the alignment of the figure in the code chunk parameter using the `fig.align` tag, where you set it to 'left', 'center' or 'right'.

Total number of refugees and IDPs

Evolution of refugee and IDP population from 1951 to 2020

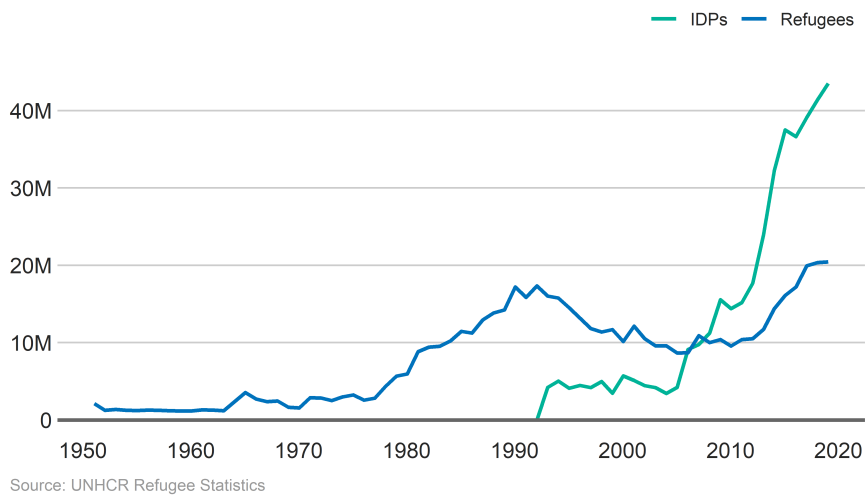


Figure 2: Total number of refugees and IDPs - UNHCR Refugee Statistics

Tables

You can also embed tables. The easiest way is to use the `kable` function from the `knitr` package, that is included in the code chunks of your Rmd file. To include the UNHCR styles a class `.table` needs to be added to the `kable` declaration.

For example see the below table added simply with the `knitr::kable(data_frame_name, table.attr = "class=\"table\"", format = "html")` function, including some basic UNHCR styles. Be careful of the escape character to make sure it includes the extra `""` as well as including the `format="html"` parameter.

Example:

Year	REF	ASY	IDP	VDA	STA	OOC
2015	16110280	3223460	37494172	0	2687759	870688
2016	17184291	2729521	36627127	0	3242206	803084
2017	19940568	3089503	39118516	0	3853982	1596125
2018	20359556	3501627	41425168	2592947	3851981	1182756
2019	20444819	4148194	43503362	3582202	3561980	5740622

There are 2 ways to edit the table: using some parameters of the `kable` function or by adding CSS classes to the `table.attr` parameter.

The `kable` function is mainly to affect the content of the table itself, like formatting numbers, changing column names or add figure caption. You can find some information on how to use it on the bookdown page¹.

Example:

Years	Refugees	Asylum-seekers	IDPs	Venezuelans displaced abroad	Stateless persons	Others of concern
2015	16,110,280	3,223,460	37,494,172	0	2,687,759	870,688
2016	17,184,291	2,729,521	36,627,127	0	3,242,206	803,084
2017	19,940,568	3,089,503	39,118,516	0	3,853,982	1,596,125
2018	20,359,556	3,501,627	41,425,168	2,592,947	3,851,981	1,182,756
2019	20,444,819	4,148,194	43,503,362	3,582,202	3,561,980	5,740,622

Table 1: Population of concern to UNHCR for the last 5 years

```
knitr::kable(ref_idp_table,
  table.attr = "class=\"table\"",
  format = "html",
  col.names = c('Years', 'Refugees', 'Asylum-seekers', 'IDPs',
    'Venezuelans displaced abroad', 'Stateless persons',
    'Others of concern'),
  format.args = list(big.mark = ",", scientific = FALSE),
  caption = "Population of concern to UNHCR for the last 5 years")
```

Adding CSS classes to the `table.attr` parameter will only affect the style of the table.

Here is the list of the available classes:

- `.table`: Apply base UNHCR style. **Mandatory!!!**
- `.table-striped`: Apply light-grey background even odd rows.
- `.table-striped-blue`: Apply light-blue background even odd rows.
- `.table-width`: To remove the default width of 100% and apply the width required by the data inside the table.
- `.table-bordered`: To apply borders all around the table and cells.
- `.table-borderless`: To remove all borders.

¹<https://bookdown.org/yihui/rmarkdown-cookbook/kable.html#customize-html-tables>

Example:

Year	REF	ASY	IDP	VDA	STA	OOC
2015	16,110,280	3,223,460	37,494,172	0	2,687,759	870,688
2016	17,184,291	2,729,521	36,627,127	0	3,242,206	803,084
2017	19,940,568	3,089,503	39,118,516	0	3,853,982	1,596,125
2018	20,359,556	3,501,627	41,425,168	2,592,947	3,851,981	1,182,756
2019	20,444,819	4,148,194	43,503,362	3,582,202	3,561,980	5,740,622

Table 2: Population of concern to UNHCR for the last 5 years

```
knitr::kable(ref_idp_table,  
             table.attr = "class=\"table table-striped-blue table-width\"",  
             format = "html",  
             format.args = list(big.mark = ",", scientific = FALSE),  
             caption = "Population of concern to UNHCR for the last 5 years")
```


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For more information please contact:

Contact1 Name

Contact1 Title

email1@unhcr.org

Contact2 Name

Contact2 Title

email2@unhcr.org