

The US Labor Force

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11/1/2021

Some Labor Force Statistics

The labor force is expected to increase by **8.9** million, from **160.7** million in 2020 to **169.6** million in 2030.

For males aged 16 or older, the labor force is projected to increase by **3.6** million from **85.2** million in 2020 to **88.8** million in 2030.

For females aged 16 or more, that increase is higher and estimated at **5.3** million from **75.5** million in 2020 to **80.8** million in 2030.

Here is the summary table of the size of the **US Labor Force** by gender:

gender	LF2000	LF2010	LF2020	LF2030
All	142583	153888	160744	169637
MEN	76282	81984	85205	88794
WOMEN	66301	71904	75539	80843

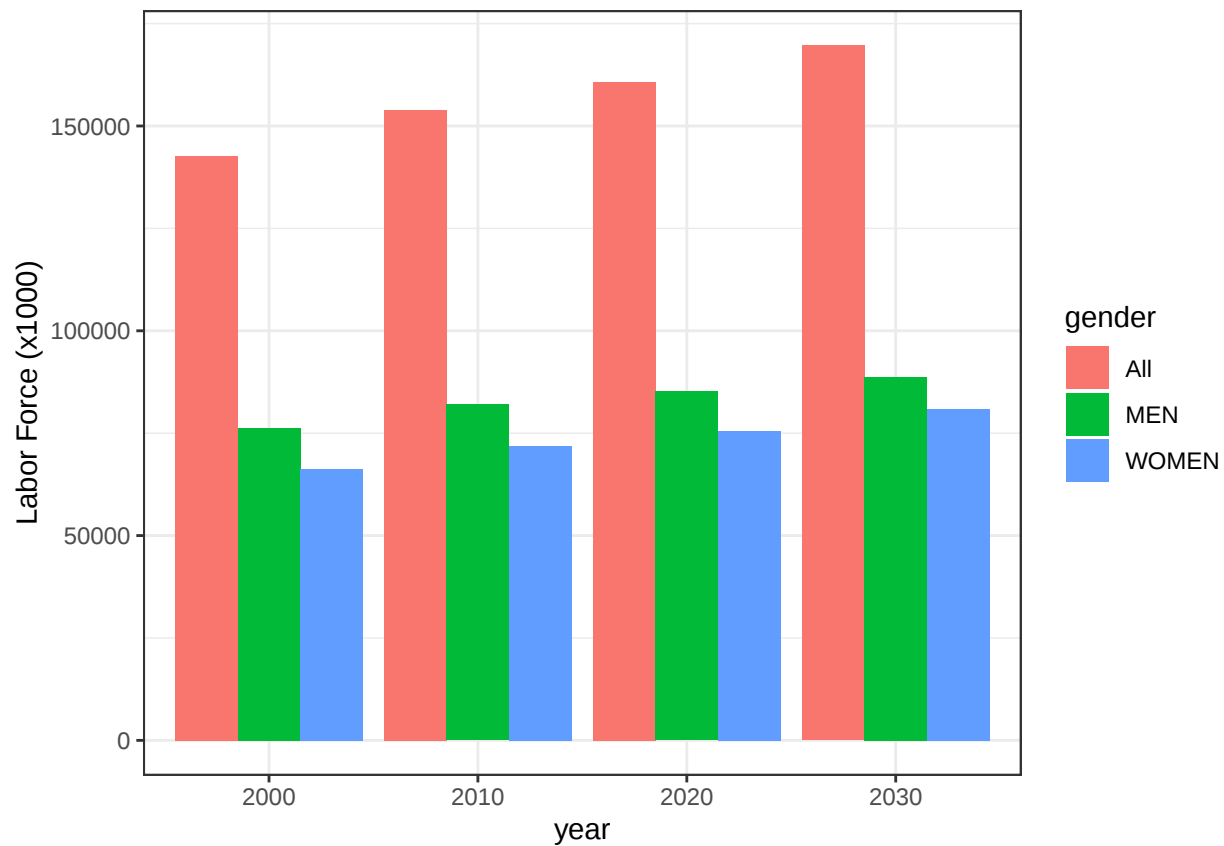
Including Plots

You can also embed plots in your Word document. However, the approach we recommend for creating plots requires that you transform the previous table into the long format as follows:

year	gender	laborforce
2000	All	142583
2010	All	153888
2020	All	160744
2030	All	169637
2000	MEN	76282
2010	MEN	81984
2020	MEN	85205
2030	MEN	88794
2000	WOMEN	66301
2010	WOMEN	71904
2020	WOMEN	75539
2030	WOMEN	80843

A key advantage that the long format (second table) has over the wide format (first table) is the possibility to add variables to the table other than the labor force. You could add employment or labor force participation and so on.

Creating the second table from the first in R, requires basic-level programming. But you may also decide to do it in Excel and read it in R to generate the the barplot shown below.



Note that you can include in the Word document, the R code that created the second table and generated the barplot.