



EL COLEGIO DE MÉXICO

**GAINS, LOSSES AND EMERGING CHALLENGES
REGARDING THE PARTICIPATION OF MEXICAN
WOMEN IN HIGHER EDUCATION**

5TH JAPAN-MEXICO RECTORS' SUMMIT PRE-EVENT

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EL COLEGIO DE MÉXICO

Mexico City, October 6, 2021



The changing educational, labor and academic context for women in Mexico

The changing context of female participation in Mexico

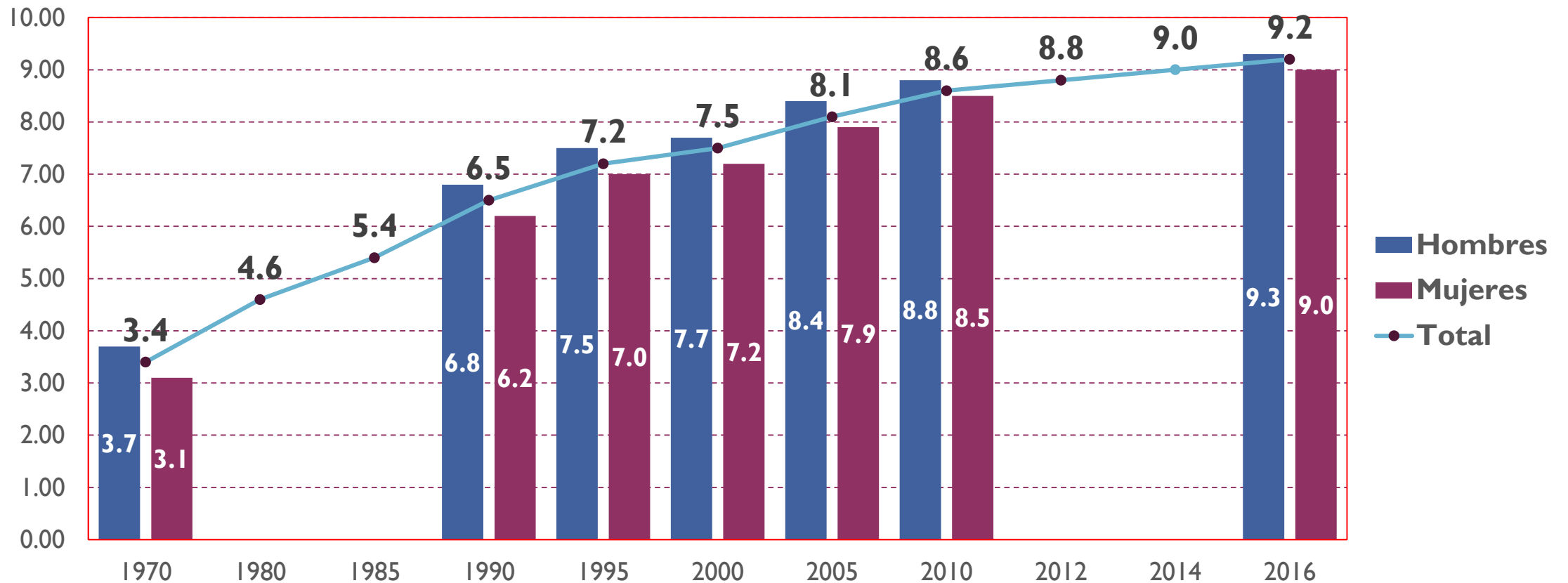
Indicator	1970	2020
 Total fertility rate	6.8	2.0
 Total number of women	24 million	64.5 million (51%)
		5.2 million 18-22 44.8 million working age
Life expectancy:		
 men	58.8 years	72.3 years
 women	63 years	77.6 years
 Female headed households	15.3%	29%
 Illiteracy rate	25.8%	5.5%
 Average years of schooling	3.4	9.6
 Female labor participation rates	17.6	49.0

First diagnose:

- ✓ Decrease (or reversal) in gender unbalances in education (average years of education).
- ✓ Gains in labor force participation.

México. Average years of schooling of the population 15 years and older by sex. 1970-2016

Años promedio de escolaridad



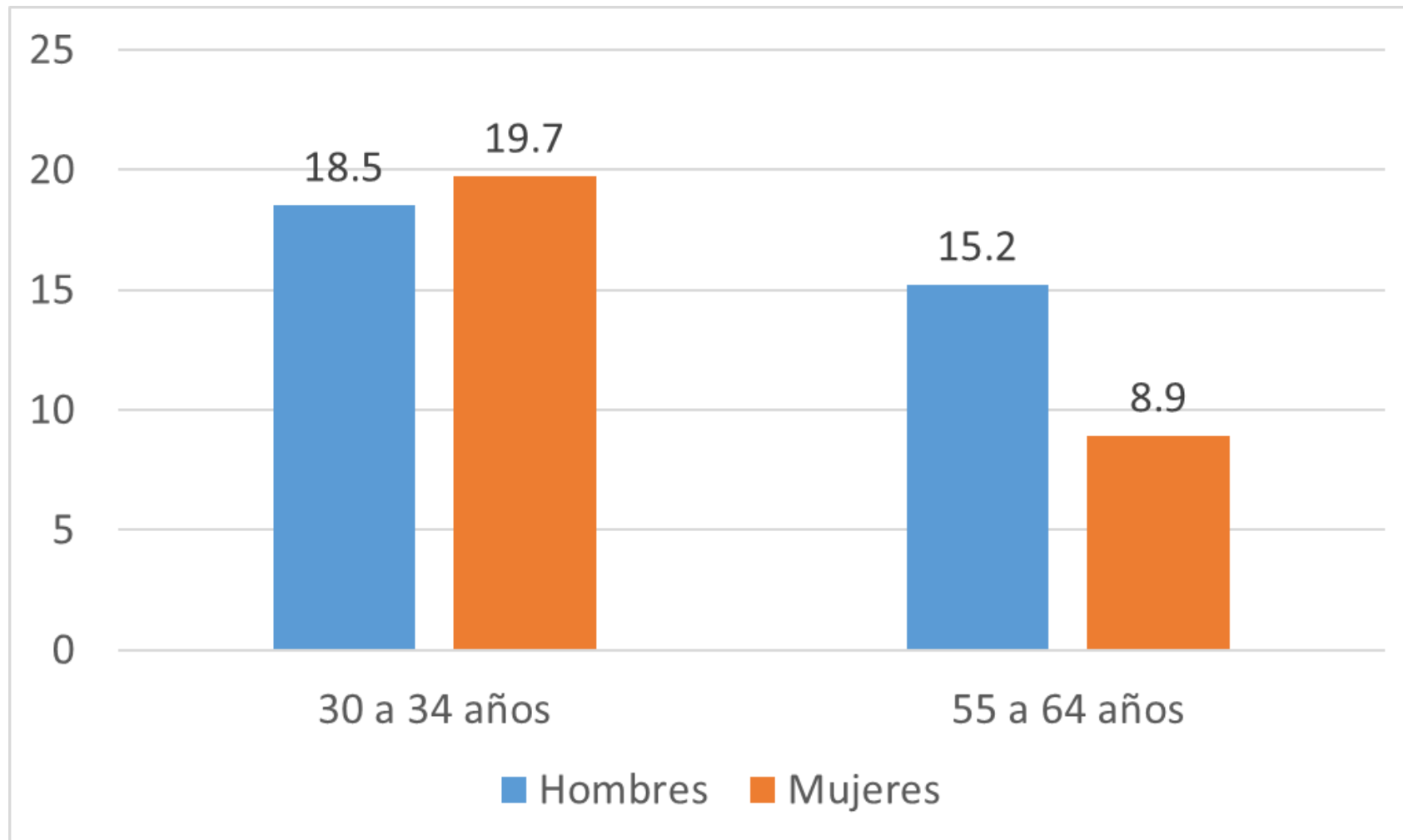
México. Average years of schooling by selected age groups (2016)

	Average years of schooling (selected age groups)		
	15 to 24	25 to 34	55 to 64
Total	10.3	10.7	7.4
Men	10.2	10.7	8.0
Women	10.4*	10.8*	6.9*

Note: *Statistic significant differences compared to men.

Source: Elaboración propia con base en INEE(2018), *Panorama educativo de México. Indicadores del Sistema Educativo Nacional 2017. Educación básica y media superior*. Disponible en: <https://www.inee.edu.mx/publicaciones/panorama-educativo-de-mexico-indicadores-del-sistema-educativo-nacional-2017-educacion-basica-y-media-superior/>

México. Population with at least one year of tertiary education by age groups (2016)



Source: Elaboración propia con base en INEE(2018), *Panorama educativo de México. Indicadores del Sistema Educativo Nacional 2017. Educación básica y media superior*. Disponible en: <https://www.inee.edu.mx/publicaciones/panorama-educativo-de-mexico-indicadores-del-sistema-educativo-nacional-2017-educacion-basica-y-media-superior/>

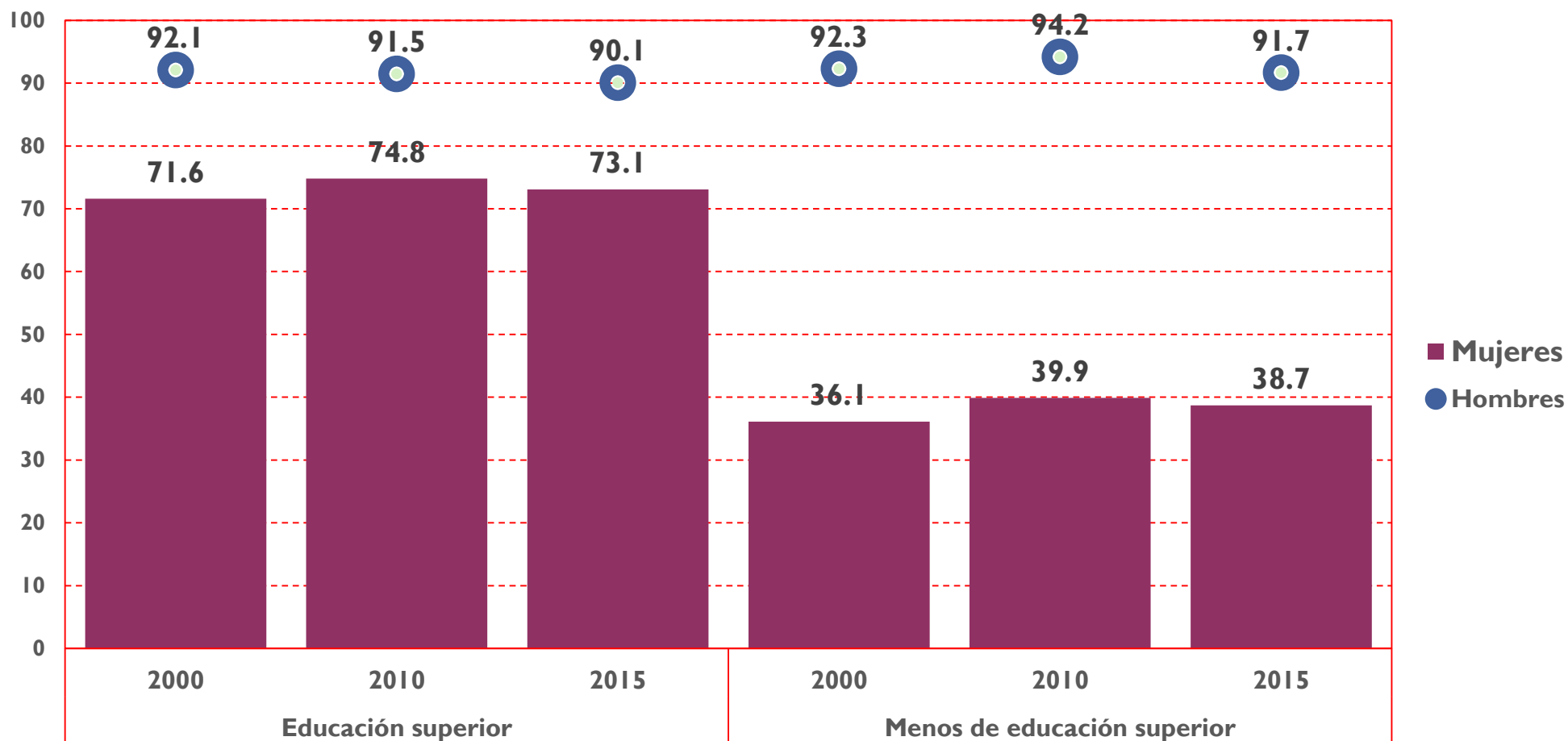
Women enrolled in bachelor, master and doctoral programs (%), Mexico and Japan 2020

	% women among students enrolled in tertiary education	
	Mexico	Japan
Bachelor	51.0	46.0
Master	55.0	39.0
Doctoral	50.0	34.0

Population 25-34 who have attained tertiary education by sex (%), Mexico and Japan 2020

	% who attained tertiary education	
	Mexico	Japan
Total	25.3	61.5
Men	24.8	58.7
Women	25.7	64.4

México. Labor participation rates by sex and educational attainment, 2000, 2010 y 2015. Population 24-35 years of age



Source: Estimaciones propias con base en los Censos de Población y Vivienda de 2000 y 2010 y la Encuesta Intercensal 2015.

Second diagnose:

In spite of gains in the labor market of women with tertiary education:

- ✓ Lower participation in academic careers.
- ✓ Lower participation in the highest categories and in academic planning and management.
- ✓ High segmentation of men and women in certain fields.

México. Percent distribution of the population enrolled in tertiary education and graduate programs by sex and field of knowledge. 2015-2016.

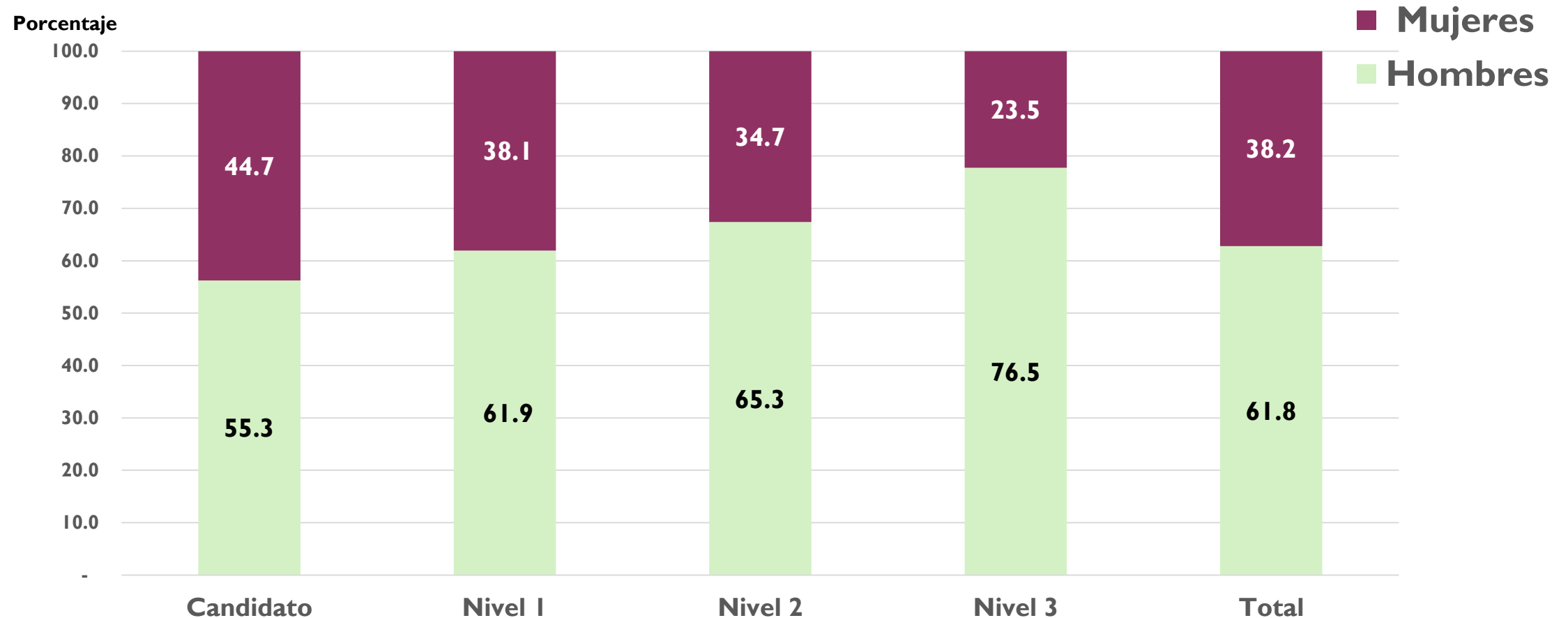
Field of knowledge	Bachelor			Graduate studies		
	Men	Women	Total	Men	Women	Total
Total	1,976,811	1,939,160	3,915,971	151,405	177,025	328,430
Social sciences, administration and Law	35.7	48.4	1,644,483	48.1	43.9	150,689
Engineering and manufacture	38.6	14.8	1,051,416	10.7	4.2	23,640
Health	7.2	14.3	419,619	11.3	12.3	39,019
Education	3.6	10.9	283,336	17.6	30.6	80,857
Natural and Experimental Sciences	6.2	4.4	207,371	7.3	4.9	19,689
Arts and Humanities	3.5	4.6	158,479	2.7	2.5	8,412
Agronomy and veterinary	2.9	1.6	88,434	1.4	1.1	4,172
Services	2.2	1.0	62,833	0.8	0.4	1,952
Total	100.0	100.0		100.0	100.0	

Source: Elaboración propia con base en ANUIES, Anuario estadístico de educación superior. Ciclo escolar 2015-2016.

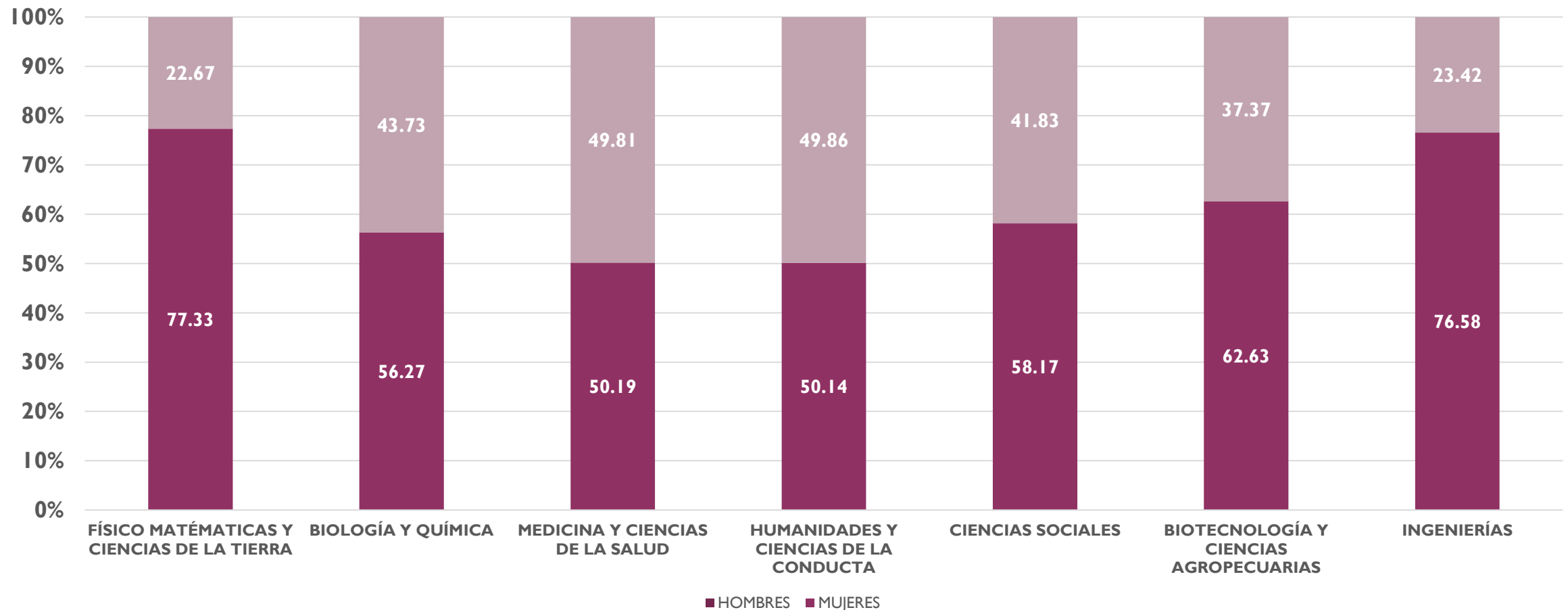
México. Distribution of Researchers in the National Research System by sex and category, 2020.

Level	Sex		Total
	Men	Women	
Candidate	4,817	3,890	8,707
1	10,557	6,498	17,052
2	3,105	1,604	4,752
3	1,971	606	2,577
Total	20,450	12,598	33,088

México. Distribution of researchers in the National Research System by sex, 2020. (Percentage)



México. Researchers in the National Research System by sex and field of knowledge, 2020.

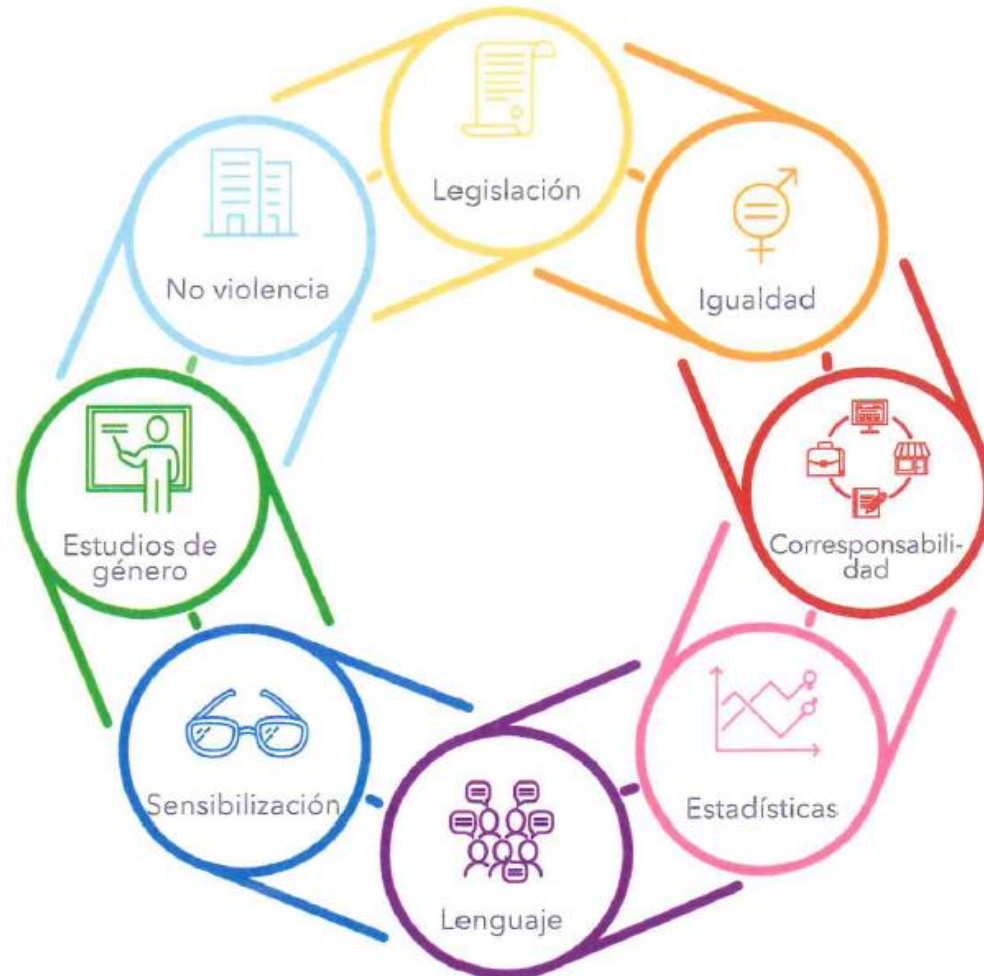


Source: Elaboración propia con base en el archivo histórico del Sistema Nacional de Investigadores (2020). Disponible en: <https://www.conacyt.gob.mx/index.php/el-conacyt/sistema-nacional-de-investigadores/archivo-historico>

Which are the factors related to the persistent gender unbalance in the academic trajectories?

What actions or policies can be implemented?

México. 8 dimensiones according to the National Observatory for the Gender Equality in Mexican Universities



¡Gracias!

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