

welcome!

gfa 2023

Annual Meeting  
NAAN

NORTH AMERICAN AGRICULTURAL  
ADVISORY NETWORK

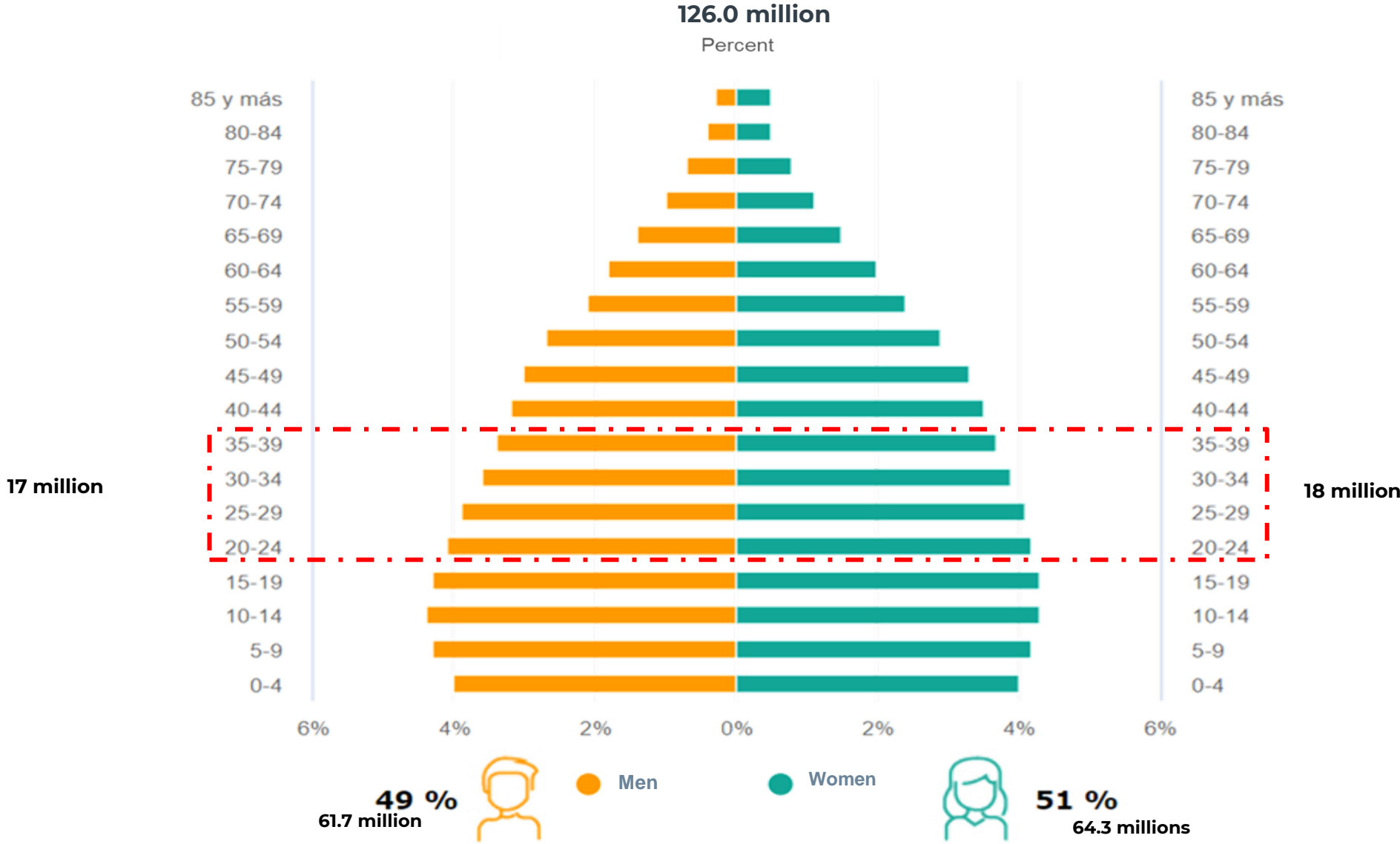


# Background information for the panel discussion “Cultivating The Future – Empowering Mexican Youth in Agriculture”

Salvador Fernández Rivera  
Ana Beatriz Gutiérrez Hernández

Secretaría de Agricultura y Desarrollo Rural, México

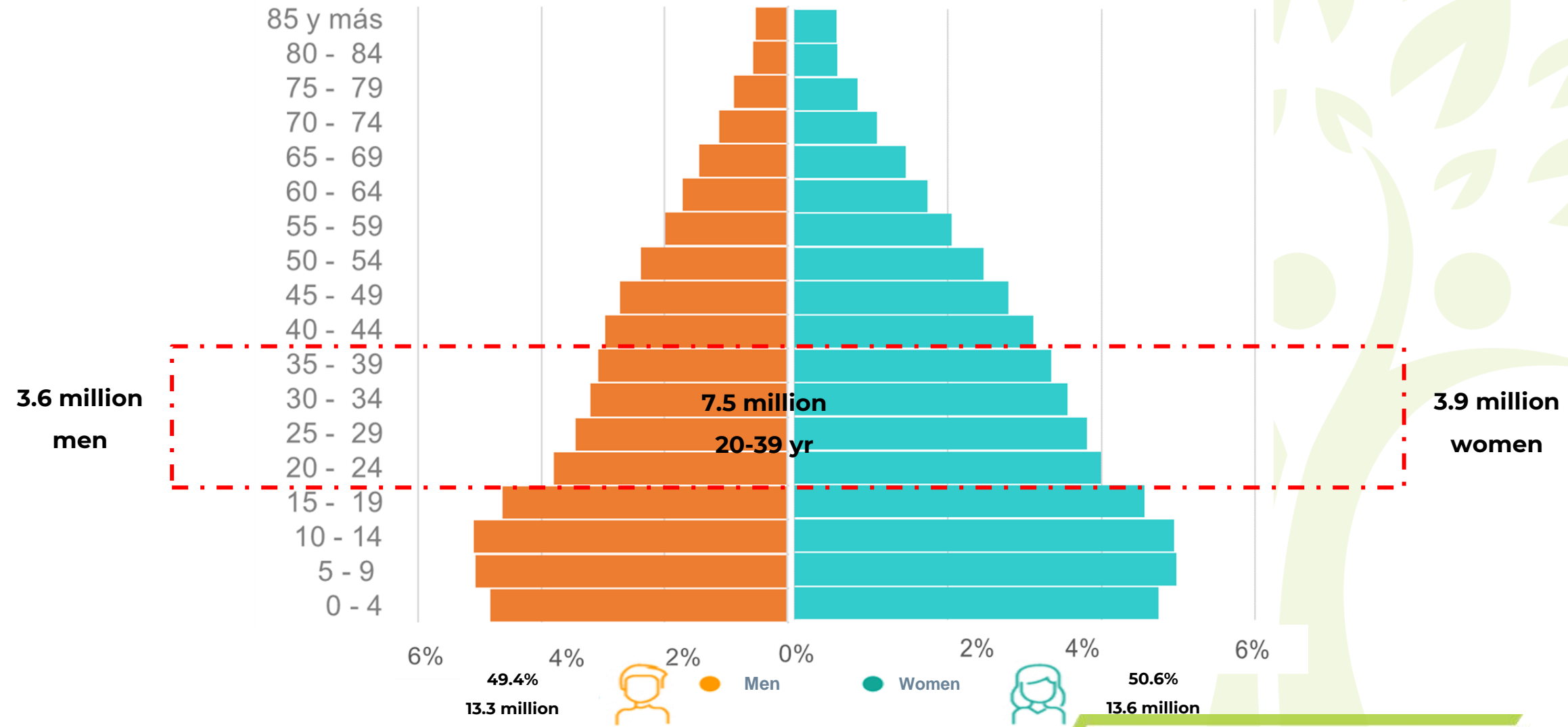
# Total population by age group and gender



Source: INEGI y CONAPO. Censo de Población y Vivienda 2020.

# Rural population by age group and gender

26.9 million  
Percent



Source: INEGI y CONAPO. Censo de Población y Vivienda 2020.

# Rural and urban population by age group and gender

Age	Rural population		Urban population	
	Men	Women	Men	Women
0 - 4	4.8%	4.7%	3.8%	3.7%
5 - 9	5.1%	5.0%	4.1%	4.0%
10 - 14	5.1%	4.9%	4.2%	4.1%
15 - 19	4.6%	4.6%	4.3%	4.2%
<b>20 - 24</b>	<b>3.8%</b>	<b>4.0%</b>	<b>4.2%</b>	<b>4.2%</b>
<b>25 - 29</b>	<b>3.4%</b>	<b>3.8%</b>	<b>4.0%</b>	<b>4.1%</b>
<b>30 - 34</b>	<b>3.2%</b>	<b>3.6%</b>	<b>3.7%</b>	<b>4.0%</b>
<b>35 - 39</b>	<b>3.1%</b>	<b>3.3%</b>	<b>3.5%</b>	<b>3.8%</b>
<b>40 - 44</b>	<b>3.0%</b>	<b>3.1%</b>	<b>3.3%</b>	<b>3.6%</b>
<b>45 - 49</b>	<b>2.7%</b>	<b>2.8%</b>	<b>3.1%</b>	<b>3.4%</b>
<b>50 - 54</b>	<b>2.4%</b>	<b>2.5%</b>	<b>2.7%</b>	<b>3.1%</b>
<b>55 - 59</b>	<b>2.0%</b>	<b>2.1%</b>	<b>2.2%</b>	<b>2.5%</b>
<b>60 - 64</b>	<b>1.7%</b>	<b>1.7%</b>	<b>1.8%</b>	<b>2.1%</b>
65 - 69	1.4%	1.4%	1.3%	1.6%
70 - 74	1.1%	1.1%	0.9%	1.1%
75 - 79	0.9%	0.8%	0.6%	0.8%
80 - 84	0.6%	0.6%	0.4%	0.5%
>=85	0.5%	0.6%	0.3%	0.5%
<b>Total</b>	<b>49.4%</b>	<b>50.6%</b>	<b>48.5%</b>	<b>51.4%</b>

Age groups for which rural population are greater than those for urban population.

Age groups for which rural population are lower than those for urban population.

Age groups for which rural population are greater than those for urban population.

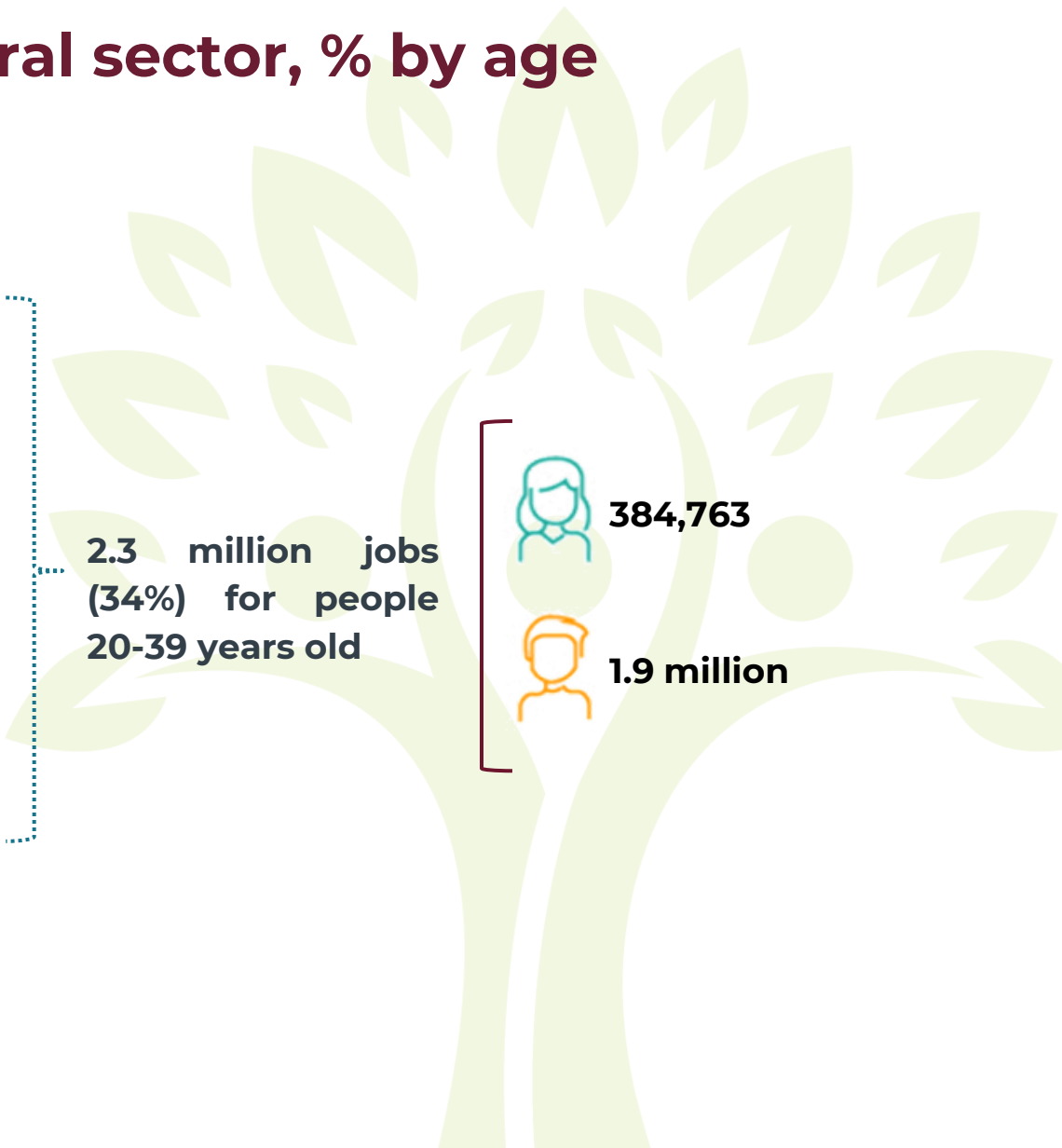
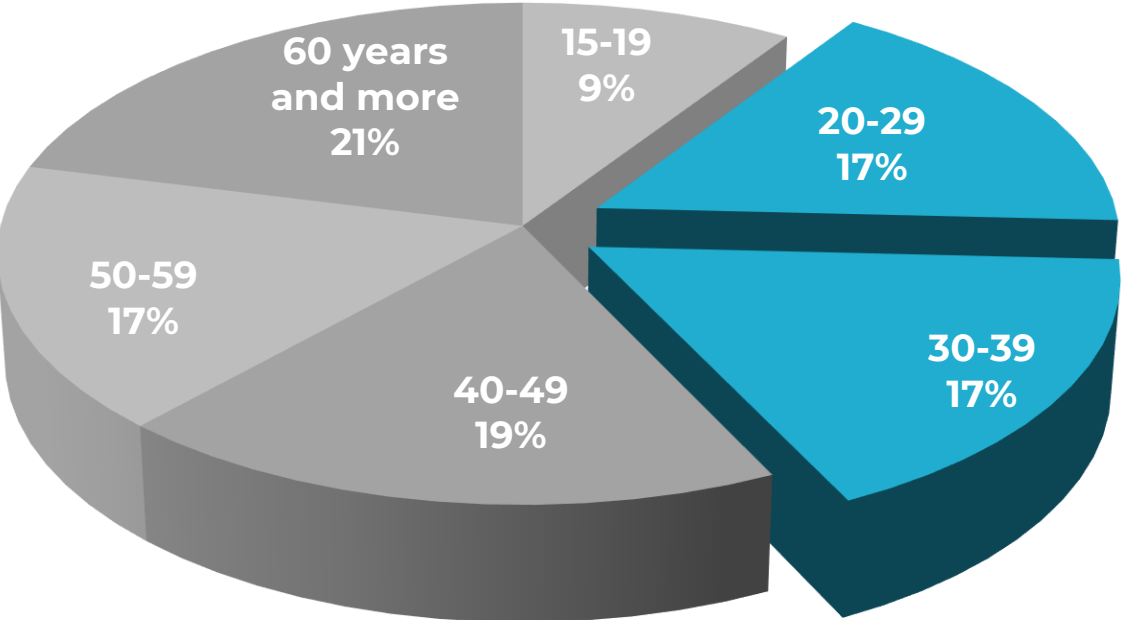
Source: Elaborated with data from INEGI and CONAPO. Censo de Población y Vivienda 2020.

# Employment in agriculture: jobs by sector and age

Sector/ economic activity	Total	Age					
		15 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 and more
<b>Total</b>	<b>58,349,353</b>	<b>3,247,593</b>	<b>12,835,781</b>	<b>13,294,901</b>	<b>12,936,348</b>	<b>10,038,156</b>	<b>5,957,943</b>
<b>Primary sector</b>	<b>6,870,186</b>	<b>624,704</b>	<b>1,145,167</b>	<b>1,186,821</b>	<b>1,288,146</b>	<b>1,187,381</b>	<b>1,435,434</b>
Agriculture, farming, forestry, fishing and hunting	6,870,186	624,704	1,145,167	1,186,821	1,288,146	1,187,381	1,435,434
<b>Secondary Sector</b>	<b>14,522,575</b>	<b>864,778</b>	<b>3,555,207</b>	<b>3,422,709</b>	<b>3,346,427</b>	<b>2,315,752</b>	<b>1,008,521</b>
Others	458,910	6,568	83,042	121,149	128,288	96,365	23,498
Construction	4,475,590	310,297	940,947	1,053,303	1,012,789	758,033	396,592
Manufacturing	9,588,075	547,913	2,531,218	2,248,257	2,205,350	1,461,354	588,431
<b>Tertiary Sector</b>	<b>36,593,226</b>	<b>1,720,471</b>	<b>8,034,641</b>	<b>8,610,056</b>	<b>8,237,915</b>	<b>6,483,727</b>	<b>3,480,666</b>
Trading	11,333,626	744,935	2,676,280	2,479,751	2,327,501	1,828,204	1,268,805
Wholesale trade	1,706,686	53,613	398,532	464,977	418,029	255,581	115,211
Retailing	9,626,940	691,322	2,277,748	2,014,774	1,909,472	1,572,623	1,153,594
Services	25,259,600	975,536	5,358,361	6,130,305	5,910,414	4,655,523	2,211,861
Transportation, communications, mail service and storage	2,970,703	58,341	618,831	780,307	701,206	572,934	238,028
Professional, financial and corporate services	4,549,823	131,305	1,139,780	1,173,274	954,032	784,745	361,656
Social services	4,867,593	52,121	924,625	1,331,160	1,269,289	922,988	363,847
Various services	5,901,310	297,882	1,122,373	1,238,462	1,407,107	1,187,420	646,316
Temporary accommodation, food and beverage preparation services	4,635,106	422,228	1,168,801	980,558	937,276	734,968	389,668
Activities of the government and international and extraterritorial organizations	2,335,065	13,659	383,951	626,544	641,504	452,468	212,346
<b>Unspecified</b>	<b>363,366</b>	<b>37,640</b>	<b>100,766</b>	<b>75,315</b>	<b>63,860</b>	<b>51,296</b>	<b>33,322</b>

Source: INEGI. Encuesta Nacional de Ocupación y Empleo 2022

# 6.87 million jobs in the primary agricultural sector, % by age

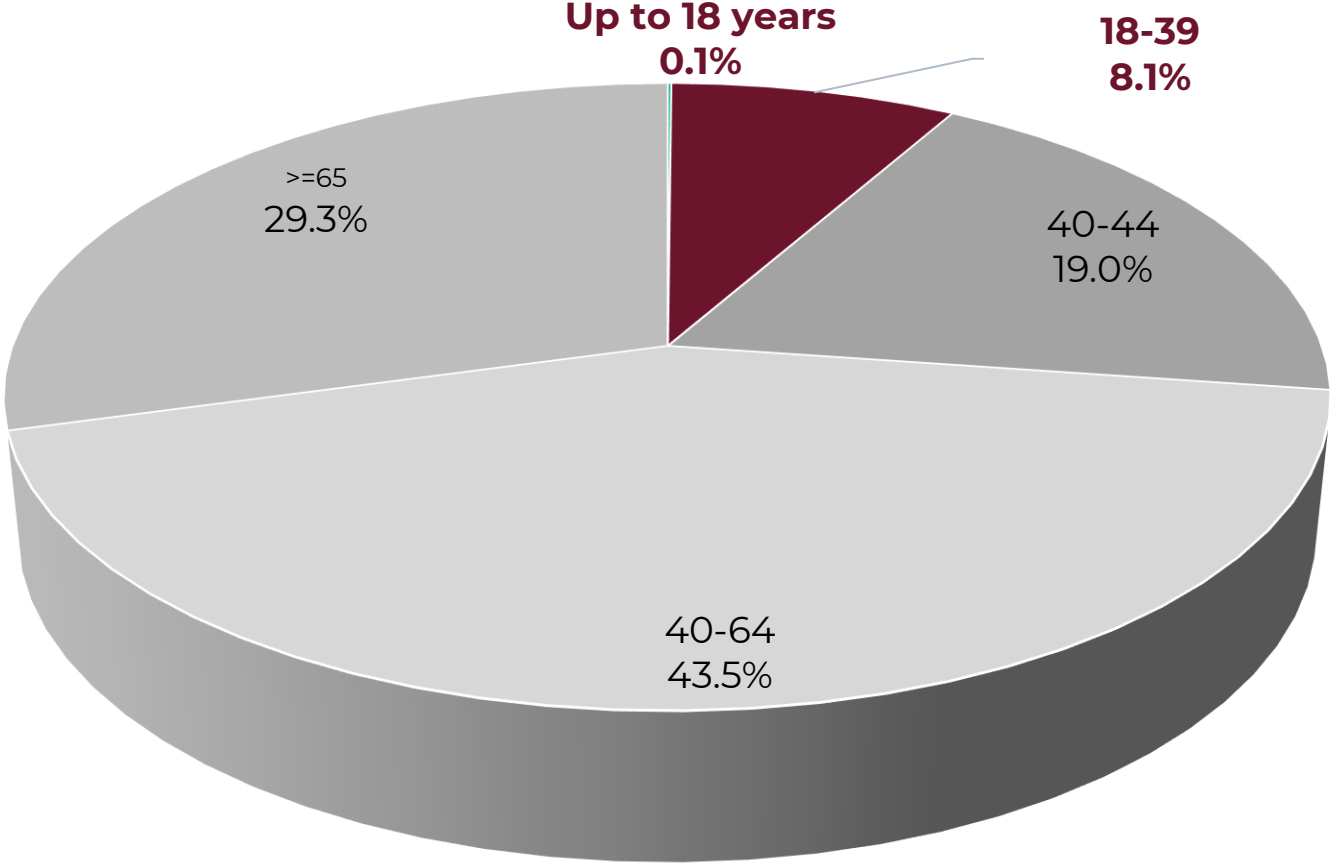


Source: INEGI. Encuesta Nacional de Ocupación y Empleo (ENOE) 2022

# Owners of agricultural land by age

Owners of agricultural properties

Age, yr	Number of owners	%
<b>Up to 18</b>	<b>3,604</b>	<b>0.1</b>
<b>18 - 39</b>	<b>289,138</b>	<b>8.1</b>
40 - 44	674,654	19.0
45 - 64	1,542,894	43.5
>=65	1,039,560	29.3
<b>Total</b>	<b>3,549,850</b>	<b>100</b>



Source: : Elaborated with data from Registro Agrario Nacional complementado con INEGI y Censo Agropecuario 2022.



# Agricultural High School colleges



306 Agricultural Technological **High School** Centers (CBTA) and 8 Forestry Technological **High School** Centers in 31 States, with an enrollment in 2020 of 67,000 students.

Source: Elaborated with data from SEP- Universia, 2023. Dirección General de Planeación, Programación y Estadística Educativa.

# Public and private universities with BSc in agriculture



**188 public and 43 private universities** offer BS degrees in Agronomy, Animal Science, Agricultural Engineering and/or Forestry.

Source: Elaborated with data from Instituto Nacional de Estadística y Geografía.

# 2019-2024 federal programs for youth



270,000 young people enrolled in the **Jóvenes Construyendo el Futuro** Program, 18 to 29 years.



## Direct subsidies

Out of 2.4 million farmers 331,091 between 18 and 39 years are registered in the **PpB** Program in the 32 states.



Out of 2.0 million farmers approximately 200,000 between 18 and 39 years are enrolled in the **Fertilizantes para el Bienestar** Program.



## Technical Assistance Strategy (EAT)

SADER "**Producción para el Bienestar (PpB)** Program signed an agreement with the Secretaría de Trabajo y Previsión Social (STPS) "**Jóvenes Construyendo el Futuro (JCF)**" Program in 2019. Young people participating as apprentices under STPS-JCF Program receive training in agriculture under PpB-EAT.

- 7,000 young people as a apprentices receive a monthly scholarship of 5,172 pesos from STPS-JCF for one year.

### General characteristics:

- Up to an age of 22 years
- Elementary education is a requisite
- 62 % are women
- 82 % are indigenous people
- They live in 230 rural communities.



100,800 farmers between 18 and 39 years enrolled in the **Sembrando Vida** Program.

## Universidades para el Bienestar "Benito Juárez García"

148 campuses in 31 states. The states with the most campuses are Chiapas (14) and Oaxaca (18).

BSc degrees equivalent in Sustainable Regional Development, Agri-food Systems, Energy and Health.

BA equivalent degrees in Historical and cultural heritage and Social studies.

## Becas para el Bienestar Benito Juárez de Educación Superior



350,500 undergraduate or higher technical undergraduate students up to 29 years of age receive financial support for them to continue and complete their **BS or equivalent degrees.**

# 4.H youth development through extension from USA to LAC



4-H is America's largest youth development organization—empowering nearly six million young people with the skills to lead for a lifetime.

4-H is delivered by Cooperative Extension—a community of more than 100 public universities across the nation that provides experiences where young people learn by doing. For more than 100 years, 4-H has welcomed young people of all beliefs and backgrounds, giving kids a voice to express who they are and how they make their lives and communities better.



Honduras, Nicaragua, Guatemala, Costa Rica, Panama, Bolivia, Brazil and Colombia:

4-S (health, knowledge, feelings and service) clubs in Latin America under public and private agricultural extension programs.

**Cuba, 5-C** clubs (Cuba, brain, heart, cooperation and citizenship);

**Ecuador, 4-F** (Faith, fertility, strength and happiness);

**El Salvador, Paraguay y Chile, 4-C** (head, heart, capacity and cooperation)

**Venezuela, 5-V** (courage, vigor, truth, shame and Venezuela);

**Argentina, 4-A** (training, action, help and friendship);

**Perú, CAJP** (character, action, judgment and country), as per the acronym in Spanish.

# Youth development in Mexico's agriculture

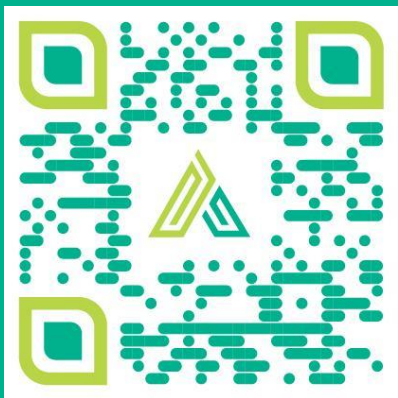
- Mexico does not have a 4-H equivalent program.
- Several Chapters of the USA 4-H have been established.
- This issue may be brought up at the panel discussion.
- How about a 4-H equivalent program for Mexico?... for instance:



**México 4-A**  
**Learning, Rooting,**  
**Aptitude and Action**

- Is this an issue to be proposed to the next 2024-2030 administration?

# Thank you!



[salvador.fernandez@agricultura.gob.mx](mailto:salvador.fernandez@agricultura.gob.mx)

[ana.gutierrez@agricultura.gob.mx](mailto:ana.gutierrez@agricultura.gob.mx)