

ODEPA
Ministerio de
Agricultura

Gobierno de Chile

The development of chilean beekeeping in the last decade

42nd International Apicultural
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Daniel Barrera Pedraza *Forest Eng. M.Sc.*
Responsable for Climate Change, Forestry
and Beekeeping sectors
Ministry of Agriculture - Chile
dbarrera@odepa.gob.cl

Summary



- Considerations and assumptions.
- Chilean Beekeeping “Nutrition Facts”.
- Chilean Beekeeping: Progress in last decade
- Main results
- Discussion and conclusions
- New challenges



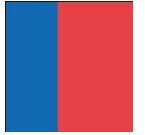
Considerations and assumptions



- VI y VII Agriculture Census data (1997 & 2007)
- Total population data
- Farms with apiculture
- Few questions on beekeeping.
- Average size and yield per hive data
- Differences between census



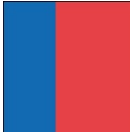
Chilean Beekeeping “Nutrition Facts”.



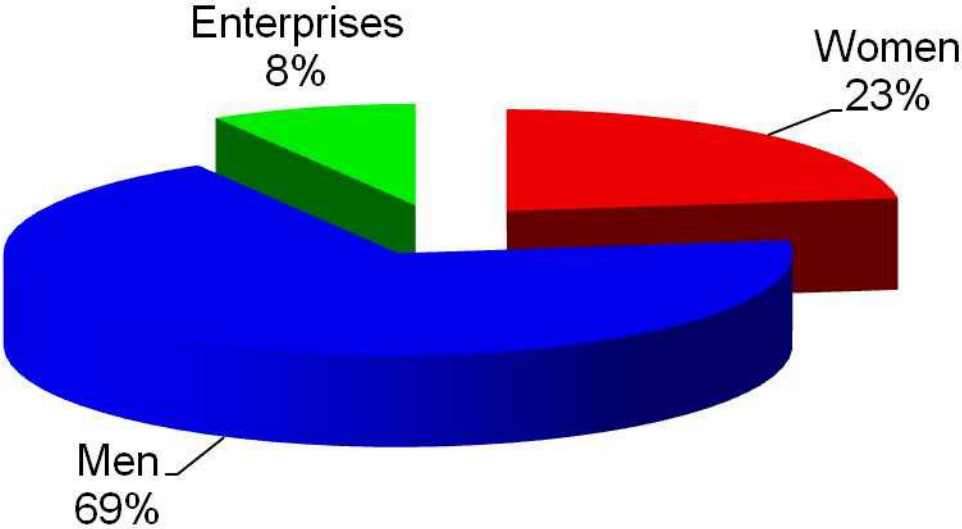
- Chilean honey production: 7.000 – 11.000 tons
- 80% Native forest.
- Domestic Consumption: 1.000 tons.
- Per cápita consumption: 100 gr/head/year.
- Exports: 30 million dollars/year (99% EU).
- Beekeepers: 10.523. 25% receiving governmental support.
- Hives: 454.000.
- Average size: 43 hives/beekeeper.
- 92% Langstroth hives



Chilean Beekeeping: Progress in last decade



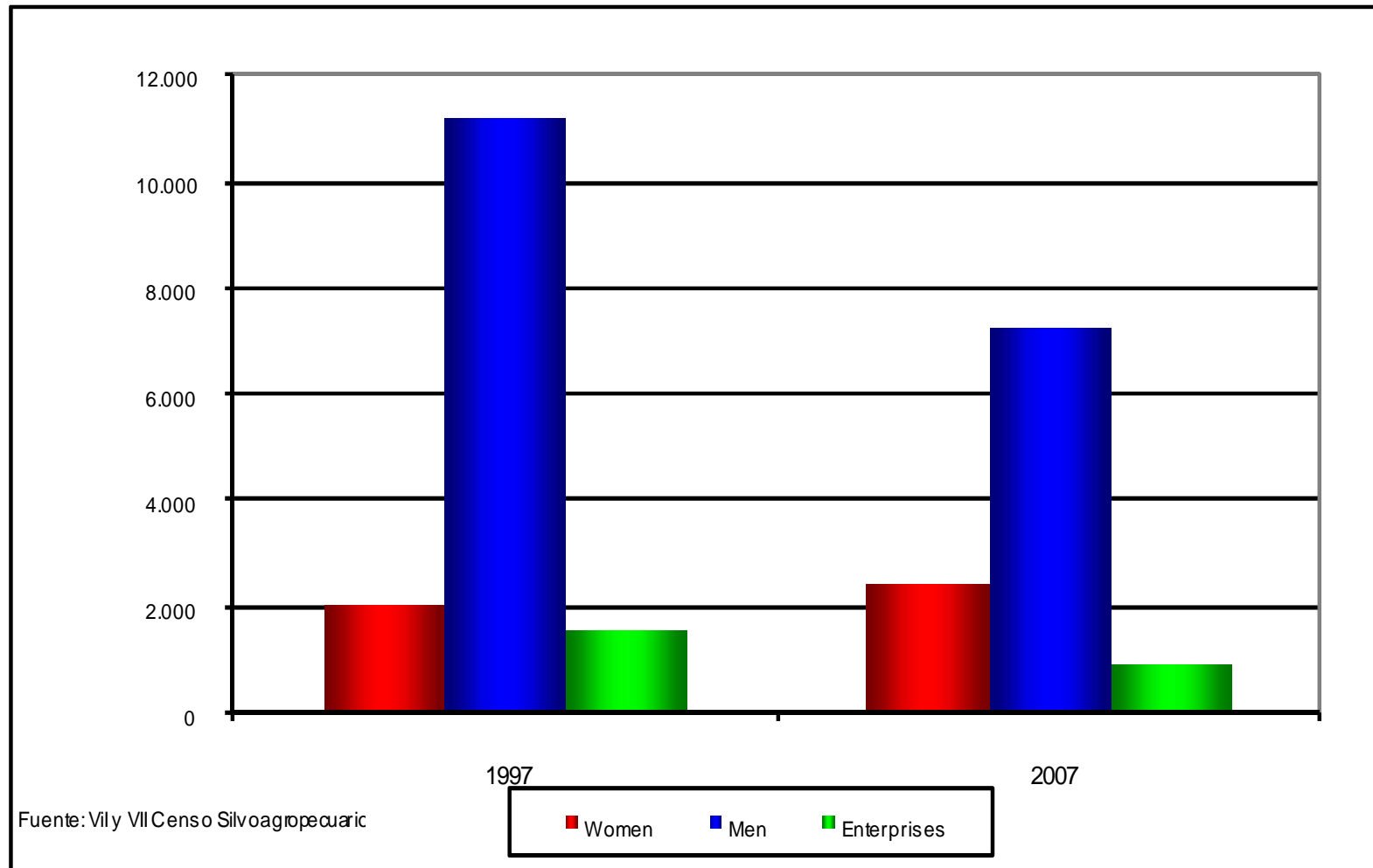
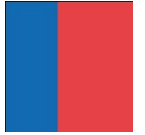
Share of Chilean beekeepers by sex and size



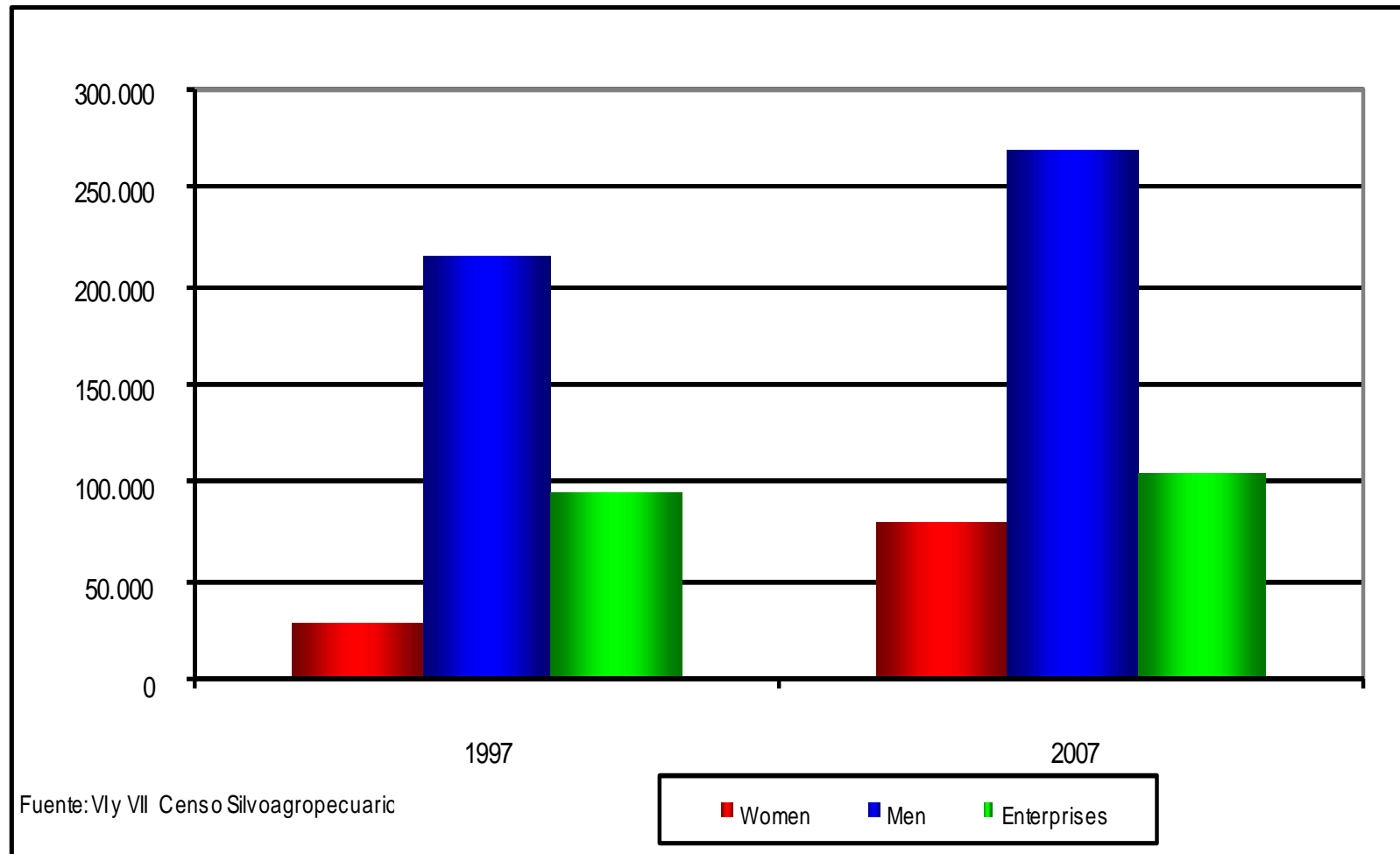
Fuente: VII Censo Silvoagropecuario



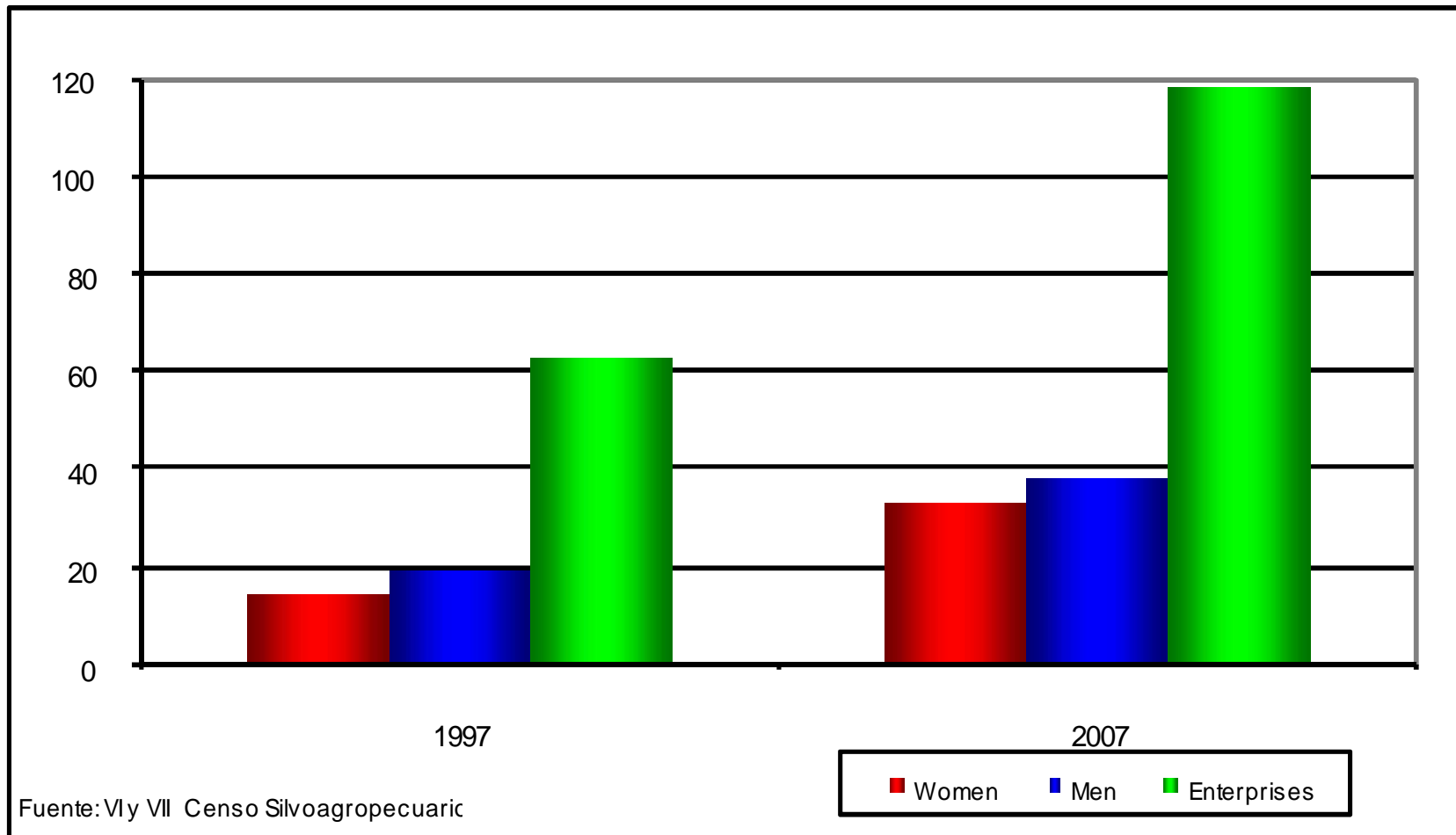
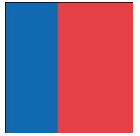
Chilean Beekeeping: Progress in last decade in number of beekeepers



Chilean Beekeeping: Progress in last decade in number of total hives



Chilean Beekeeping: Progress in last decade in average size



Main results in comparission: Average size progress



	Ethnic			No Ethnic			Total		
	1997	2007	2007/ 1997 %	1997	2007	2007/ 1997 %	1997	2007	2007/ 1997 %
Women	6	10	65	15	38	151	14	33	136
Men	6	11	75	21	44	103	19	37	96
Enterpri ses	6	0	-100	68	118	73	62	118	89
Total	6	11	72	26	50	94	23	43	89



Main results in comparission: Average yield progress (Kg/hive)



	Ethnic			No Ethnic			Total		
	1997	2007	2007/ 1997 %	1997	2007	2007/ 1997 %	1997	2007	2007/ 1997 %
Women	6,23	9,81	57	6,41	11,7	83	6,38	11,3	78
Men	7,12	10	41	7,05	11,9	68	7,06	11,5	63
Enterprises	7,65	0	-100	7,45	11,5	55	7,47	11,5	54
Total	7,03	9,98	42	7,01	11,8	68	7,01	11,5	64



Discussion

- Few literature on aspects of beekeeping development.
- Agricultural censuses have made visible progress in social groups within the agricultural sector.
- Beekeeping questions were insufficient.
- Few enterprises with more hives.
- Increased size and honey productivity.

Discussion

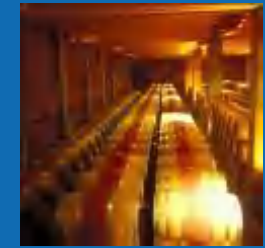
- Women from ethnic groups do not grow in quantity, efficiency and number.
- Greater size differences between enterprises and natural persons, and under ethnic dimension.

Conclusion

- Women have benefited from the growth of Chilean beekeeping.
- Reduction of productive gaps by gender.
- Gaps have increased between type and ethnicity.
- The constraints in Chile are due to difficulties of incorporating Peasant Family Farming in the market, and not to gender.
- Focus: Ethnic groups women.

Challenges

- Climate Change
- Land change use
- GMO, PA.
- Increase domestic consumption
- Improve better exports.



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