



Perspectives in pig production in Slovenia

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Population size

No. pigs	500-600 000
Selfsupply	60 - 70 %
Breeding sows	55 000
Boars	1500

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Limitations

- Limitations of arable land
- Insufficient food supply: protein and grain
- Unsuitable ratio between food cost : earnings
- Obstruction of society
- Lack of investments

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Possibilities

- Tradition of pig production, local products for household selfsupply
- Pig meat - leading in meat consumption per capita
- The second most important branch in livestock production

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Milestones

- 1958/64 First large farms were built
- 1958 Import of Swedish Landrace
- 1961 Progeny test station
- 1964 Import of Pietrain in Belgium Landrace
- 1967 Import of Large White
- 1968 Import of German Landrace
- since 1970 Sow hybrid line 12
- 1982 Import of Pietrain and Duroc

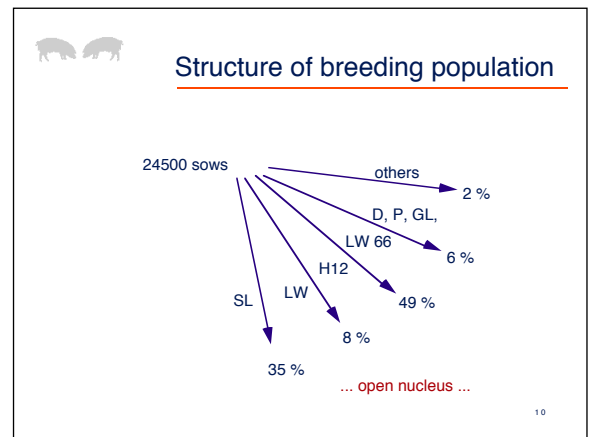
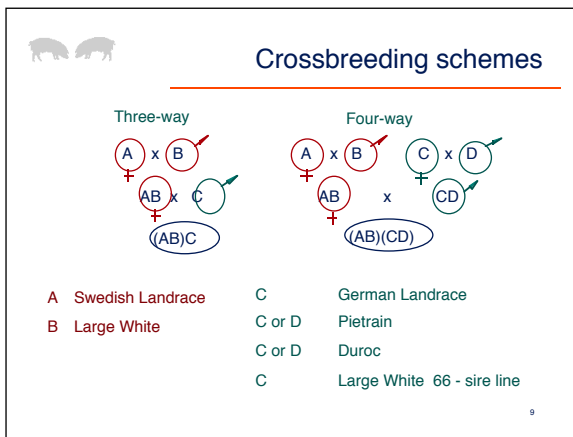
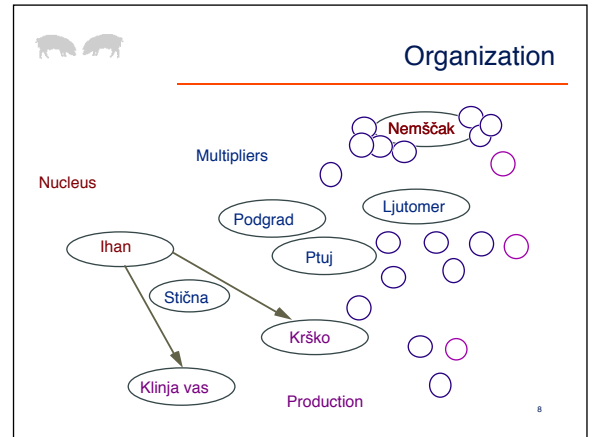
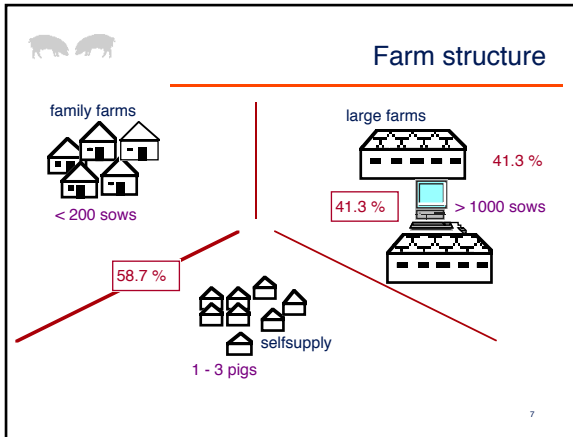
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Milestones (cont.)

- 1975 Breeding program
Performance test station on large farm
Computer...
- 1980 Definitions of fertility traits
- > 1982 Hybrid sire lines 53 in 54
- > 1986 Development of BLUP evaluation
- > 2000 Synchronization with EU legislation

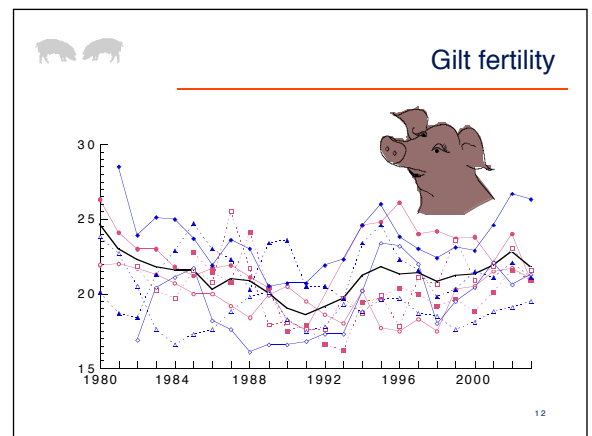
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Use of boars

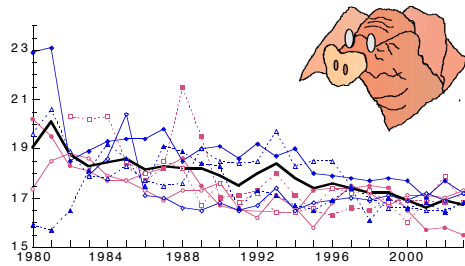
AI boars	large farms + in part family farms
Natural service	family farms
Unefficiently used	

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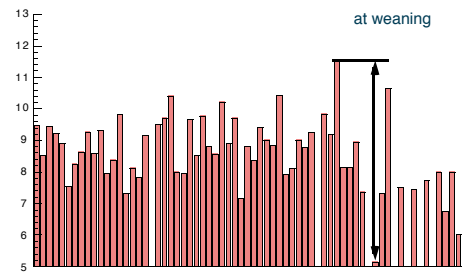
Sow fertility



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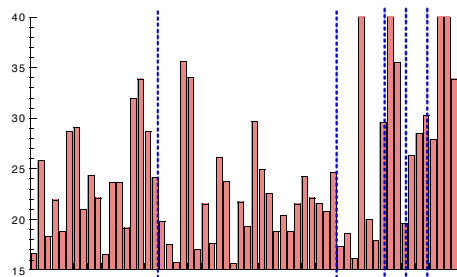
Litter size on family farms



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Sow efficiency on family farms



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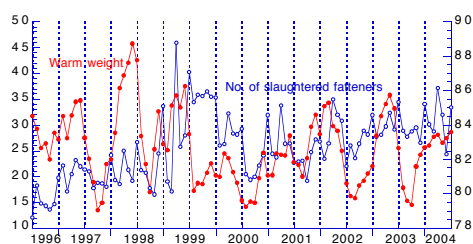
Pigs on slaughter line

Year	1996	2004
< 20 kg	1.0	1.1
20- 50 kg	1.1	1.4
50-120 kg	88.1	93.0
120-180 kg	0.8	1.0
Culled pigs	1.5	1.5
Boars < 80 kg	0.7	0.3
Others	6.3	1.7

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Pigs graded on slaughter line



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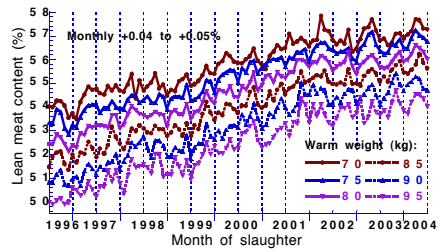
Suppliers and slaughter pigs

Group size	Suppliers	Slaughter pigs
>10000	1.64	34.26
7000-10000	1.41	14.58
4000-6999	1.41	7.90
2000-3999	3.52	11.48
1000-1999	7.75	12.75
500-999	10.56	8.67
100-499	30.52	8.59
50-99	11.27	0.98
<50	31.91	0.78

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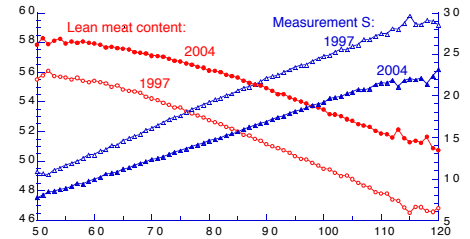
Lean meat percentage



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Changes in lean meat



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Characteristics of large farms

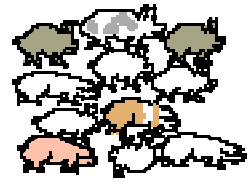
- Intensive production systems
- Use of tested crosses
- Efficient selection
- Trained experts, but
- Unmotivated workers
- Buying feed components
- Solving of ecological problems
- Poor animal welfare
- Lack of land

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Problems in pig production

- Variable productivity
- Market instability
- Animal welfare
- Environment issues

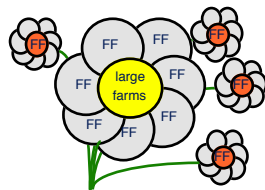


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Conclusion

- Keep nucleus
- Organize fattening and
- multiplying on family farms
- Sell slaughter pigs or carcasses



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