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Total merit index	Subindex	Breeding values	Unused, related BV
AIX	FIX Birth index	Calving ease, direct, primiparous	Calving ease, direct, multiparous Birth weight, direct
	MIX Maternal index	Calving ease, maternal, primiparous Weaning weight gain, maternal	Calving ease, maternal, multiparous Birth weight, maternal
	PIX Production index	Slaughter daily gain Carcass conformation Carcass fat	Various weights

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### About subindexes

- Few subindexes is good!
- Fit the purpose of the animal
  - E.g. to select:
    - Bulls to produce calves to finish
    - Cows to become mother

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### Weights for Production and Maternal index

Production index	AAN	CHA	HER	LIM	SIM
Slaughter daily gain	0.4	0.7	0.4	0.4	0.6
Carcass conformation	0.2	0.3	0.2	0.4	0.5
Carcass fat	0/-0.2	0.1	0/-0.15	0.2	0.1
Maternal index	AAN	CHA	HER	LIM	SIM
Calving ease, maternal	0.2	0.1	0.2	0.2	0.4
Weaning weight gain, maternal	0.23	0.3	0.36	0.38	0.2

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### About index weight

- Differ by breed
- Based on economic calculations
- Adjusted to meet objectives of specific breeds



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### Who will be using the subindexes?

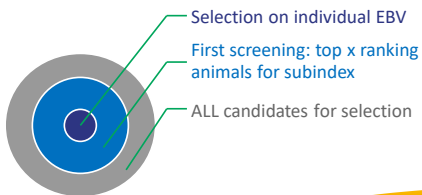
- Production herds
- Breeding herds
- AI organizations
- Station performance test
- Breed societies
- ...

And what are their needs?



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### Only easy-to-use subindexes will be used!



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### Summary

- Few subindexes is good
  - More thorough selection using individual breeding values
- Fit the purpose of the animal
  - Bulls to produce calves for finishing
  - Cows to become dam
- Who are going to use the subindexes?
- How do they want to use the subindexes?



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