

Why and how do original national evaluations deviate from joint Nordic EBVs – [Denmark](#)

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Evaluation of animals in Denmark

	Now	With NAV EBV
EBV based on DK data	X	X
EBV based on DK, FI, SW data		X

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Danish breeding goal

Growth	Now	With NAV EBV
Yearling weight (DK)	X	
Slaughter daily gain, BEEF (DK)	X	
Slaughter weight, BxD (DK/DK, FI, SW)	X	(X)
Performance test (DK)	X	
Yearling weight (DK, FI, SW)		X
Slaughter daily gain, BEEF (DK, FI, SW)		X

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Danish breeding goal

Birth and Calving	Now	With NAV EBV
Still birth (DK)	X	
Calving ease (DK)	X	
Still birth (DK, FI, SW)		X
Calving ease (DK, FI, SW)		X

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Danish breeding goal

Milk	Now	With NAV EBV
Yearling weight (DK)	X	
Slaughter daily gain, BEEF (DK)	X	X
Yearling weight (DK, FI, SW)		X

Carcass conformation	Now	With NAV EBV
EUROP(DK)	X	
EUROP(DK, FI, SW)		X

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Danish breeding goal – combined indices

- Same weight within Milk, Birth, Calving
- Recalculated weight within Growth
 - Some traits are left out
- Same weight within S-indeks

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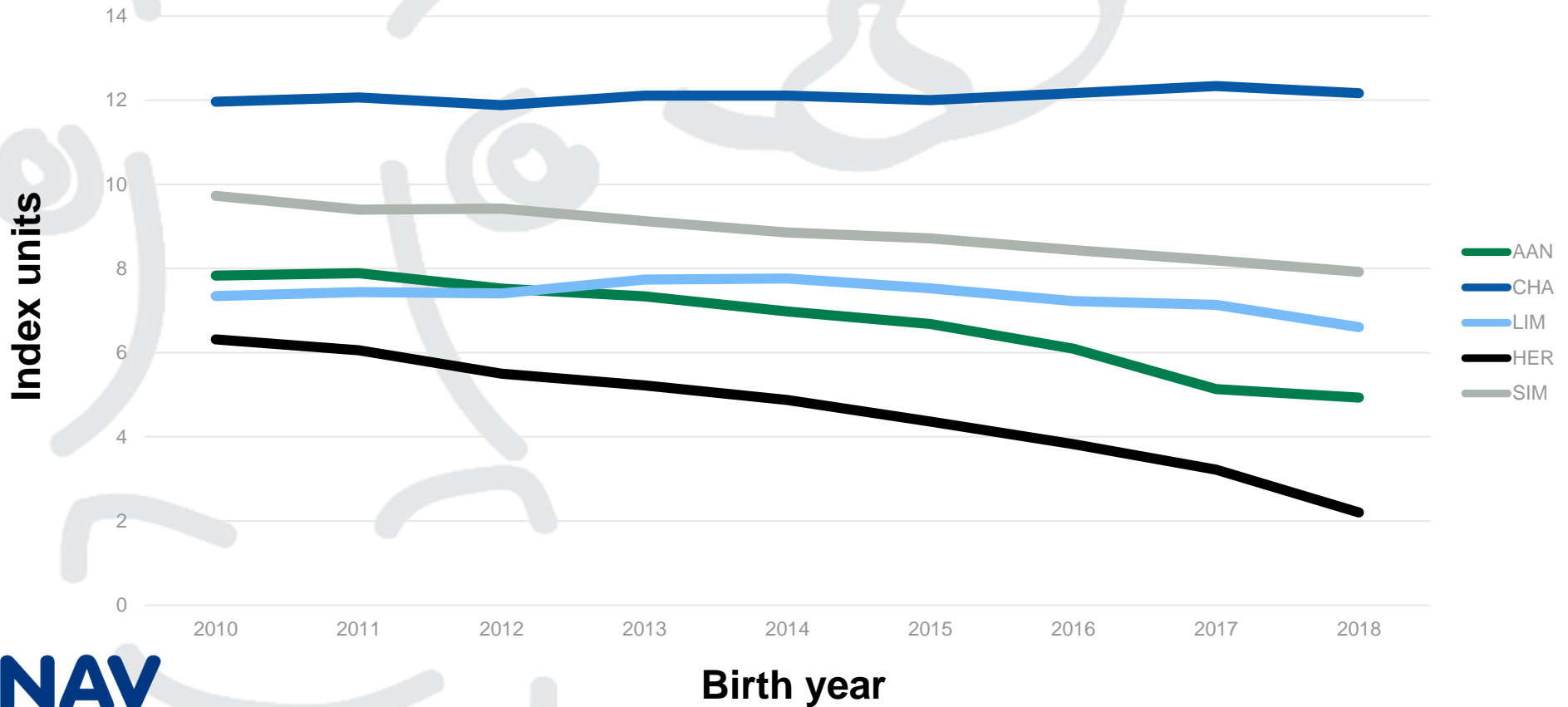
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What changes will you see in practice

- **Difference in genetic trend** (Carcass conformation)
- **Level** (Carcass conformation)
- **Correlation** (Carcass conformation, Slaughter daily gain, birth weight)
- **Animals born in other countries** (Carcass conformation)

Carcass conformation

Differences in genetic trend



Correlation between DNK and NAV

Carcass conformation for Charolais

Animals born in 2010-2019

Reliability $\geq 20\%$

Birth country	Sex	N	Correlation
SWE	Male	8	0.84
FRA	Male	8	0.62
DNK	Male	12799	0.76
DNK	Female	10197	0.74

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Genetic level

Carcass conformation for Charolais

Birth country	Sex	NAV	DNK
SWE	Male	95.6	92.4
FRA	Male	115.8	104.6
DNK	Male	107.7	95.7
DNK	Female	107.9	96.4

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Correlation between DNK and NAV

Slaughter daily gain

Animals born in 2010-2019

Charolais	0.68
Angus	0.64
Limousine	0.69
Hereford	0.57
Simmental	0.66

Correlation between DNK and NAV

Birth weight

Animals born in 2010-2019

Charolais	0.91
Angus	0.84
Limousine	0.84
Hereford	0.77
Simmental	0.90

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More information to you before NAV EBV

- **Weights within growth**
- **Show changes for all traits in index units – combined indices**
 - **Birth, calving, growth and milk**

We will involve breed organizations before launch

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Conclusion

- **More focus on farmer registrations in NAV system**
- **Continue to show combined indices**
 - **Same traits included – except growth**
- **Genetic level will be different due to different base**
- **Much reranking of animals. Expect most reranking for:**
 - **Animals getting more info from S and F**
 - **Foreign animals with low reliability – genetic groups**

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