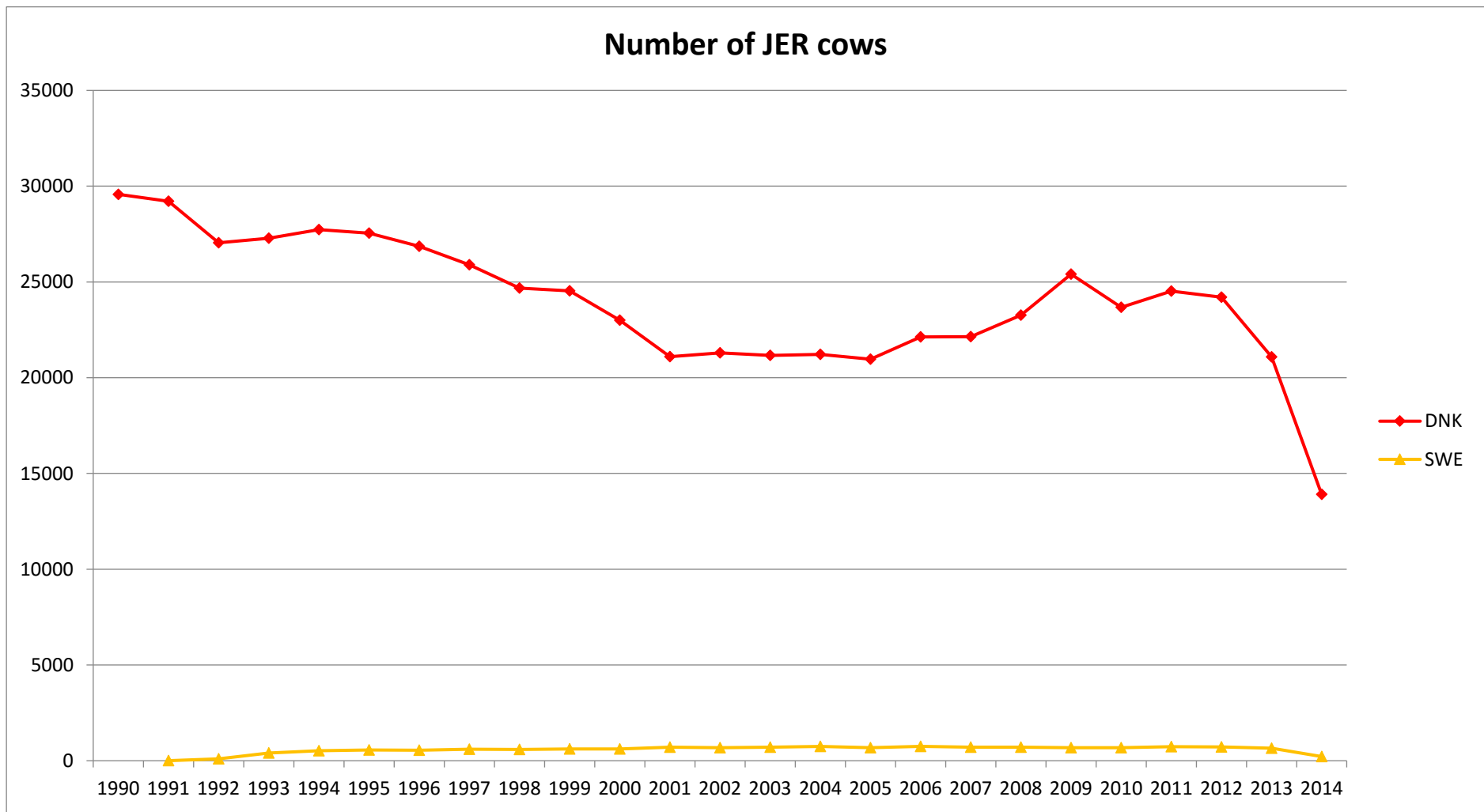
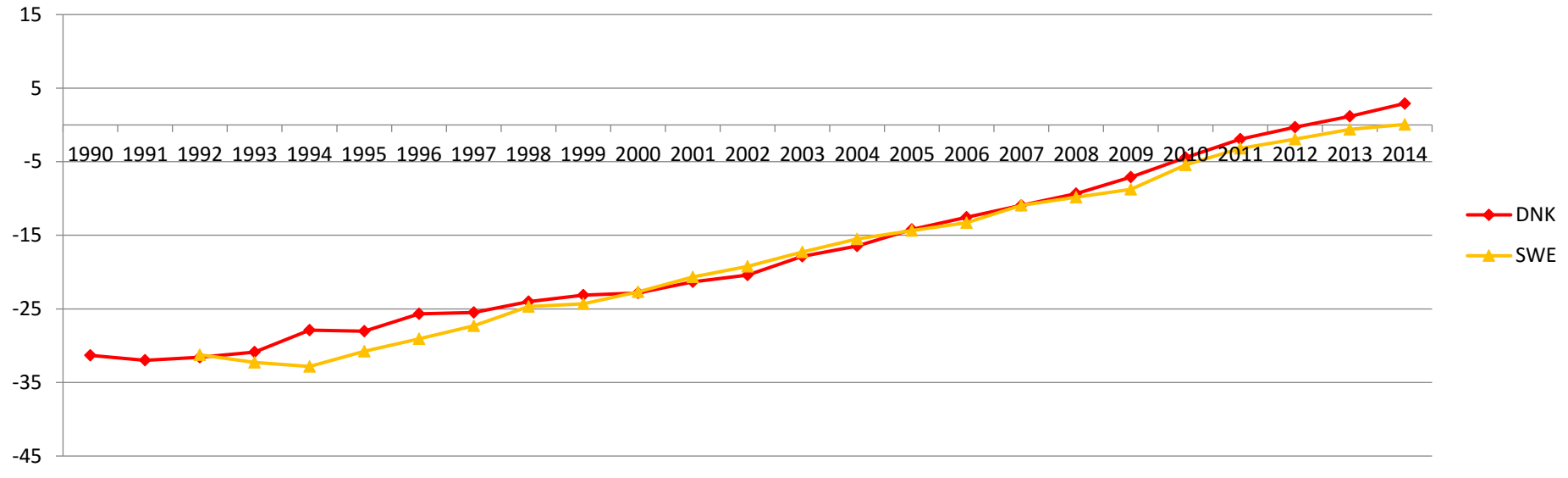


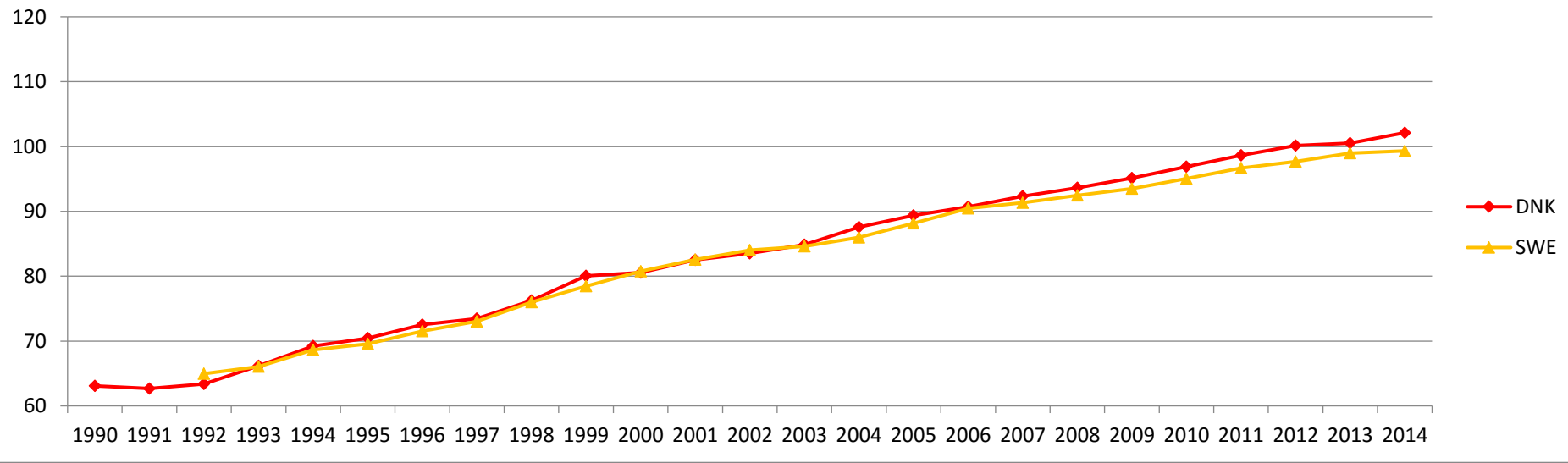
Following document shows genetic trends in traits that are included in NTM. Additionally, genetic trends in individual type traits, in yield traits and in growth traits are given. Genetic trends are calculated from females that get breeding values in NAV evaluation. For each birth year class a mean is calculated. From annual means it can be concluded how the population is changing over years.



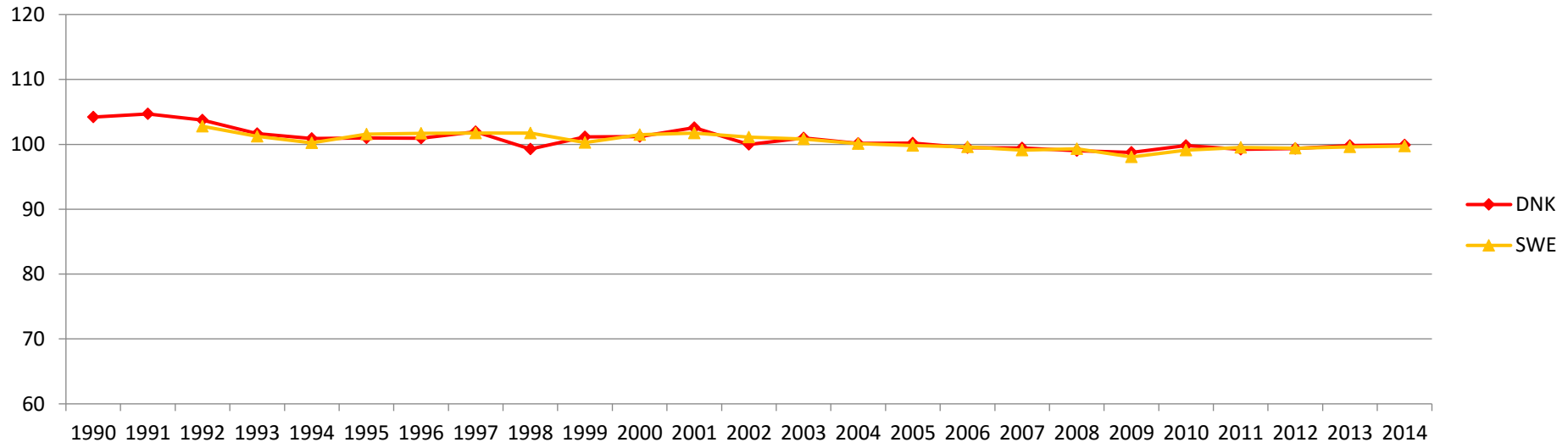
Genetic trend in NTM, jer cows



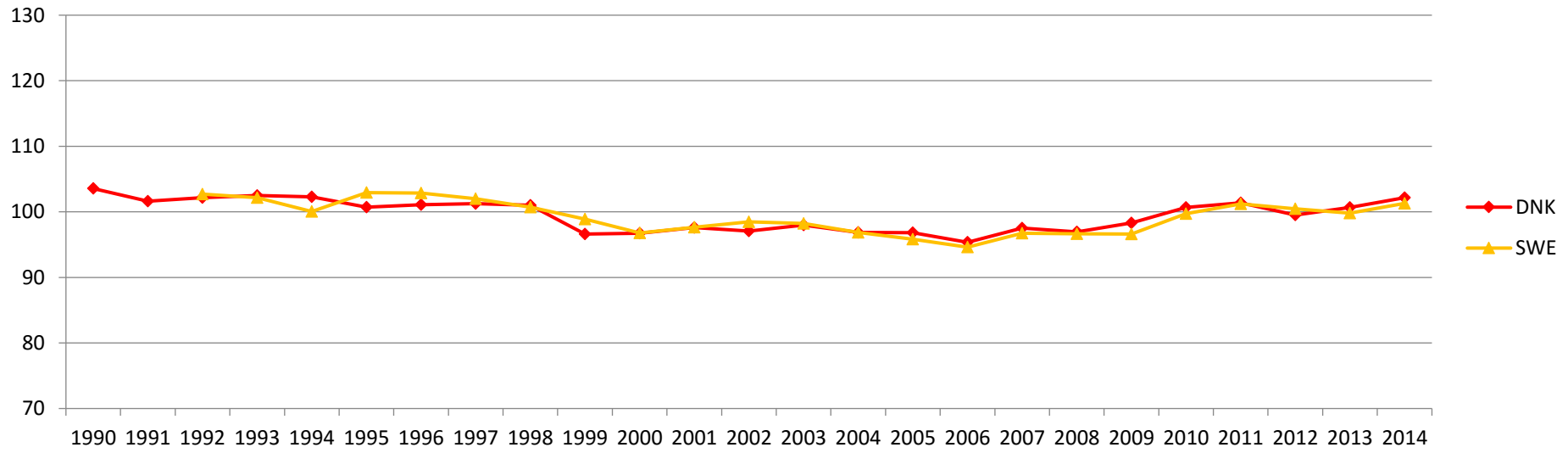
Genetic trend in yield index, jer cows



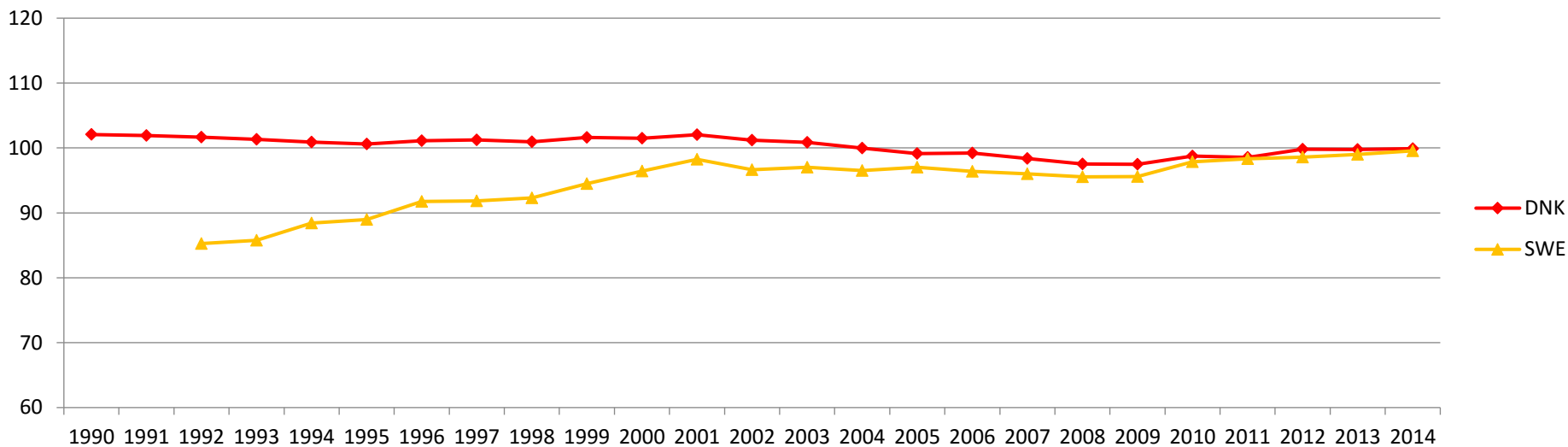
Genetic trend in growth index, jer cows



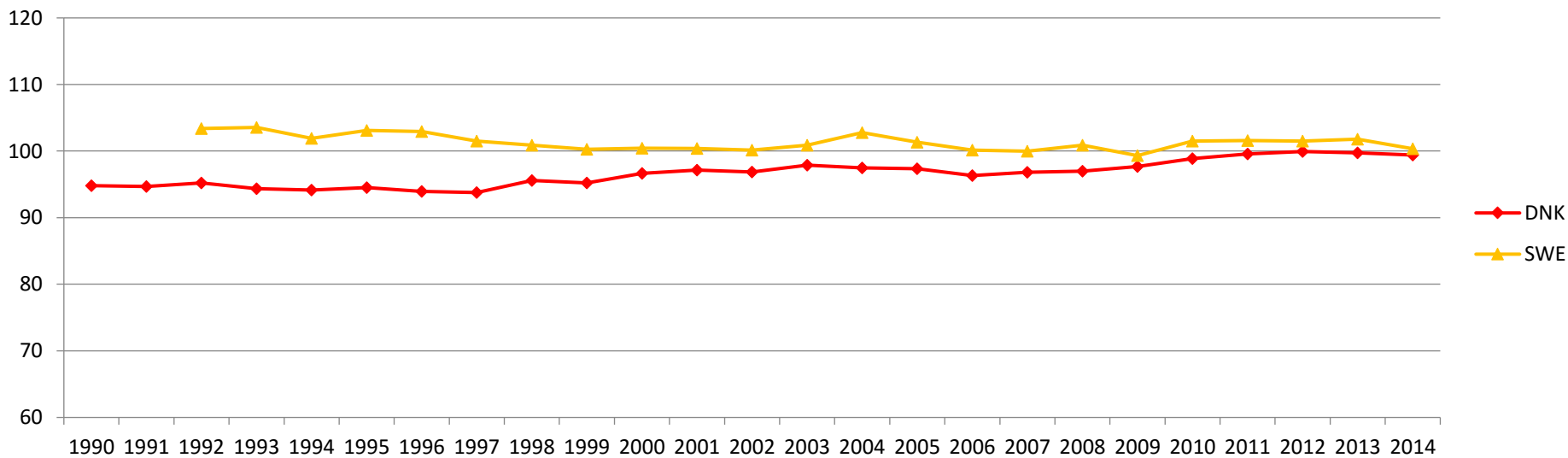
Genetic trend in fertility, jer cows



Genetic trend in birth index, jer cows



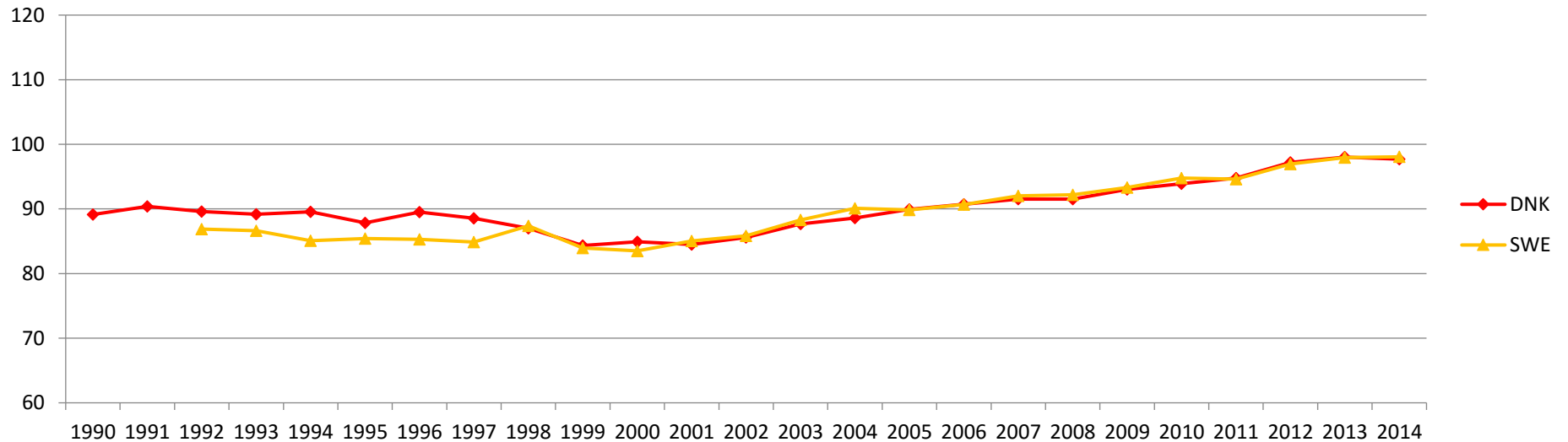
Genetic trend in calving index, jer cows



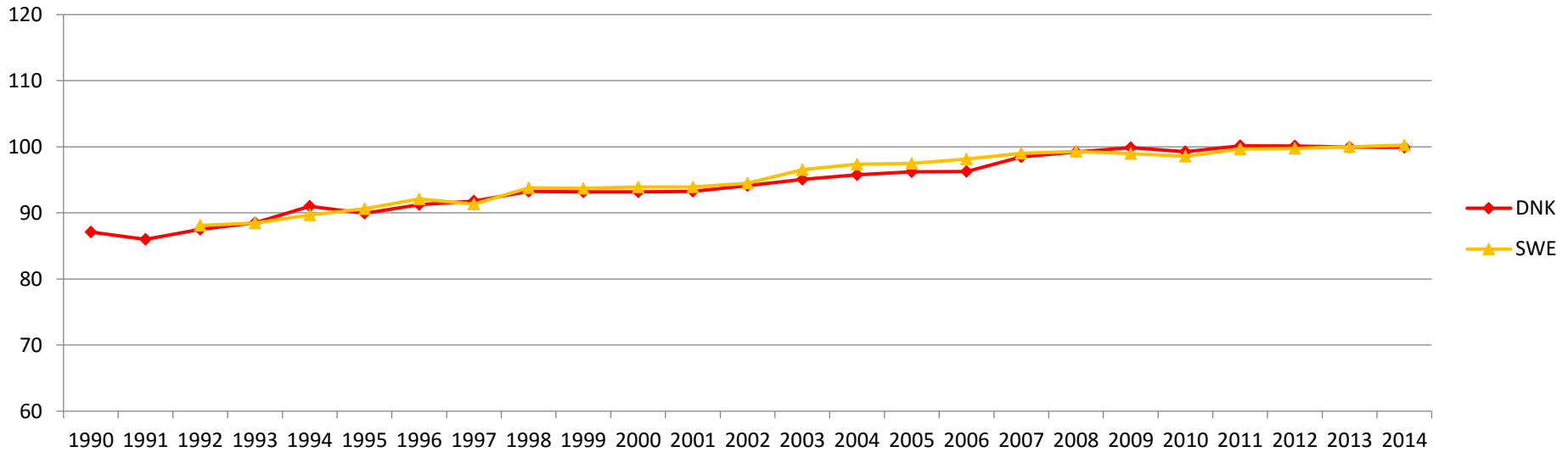
Genetic trend in udder health, jer cows



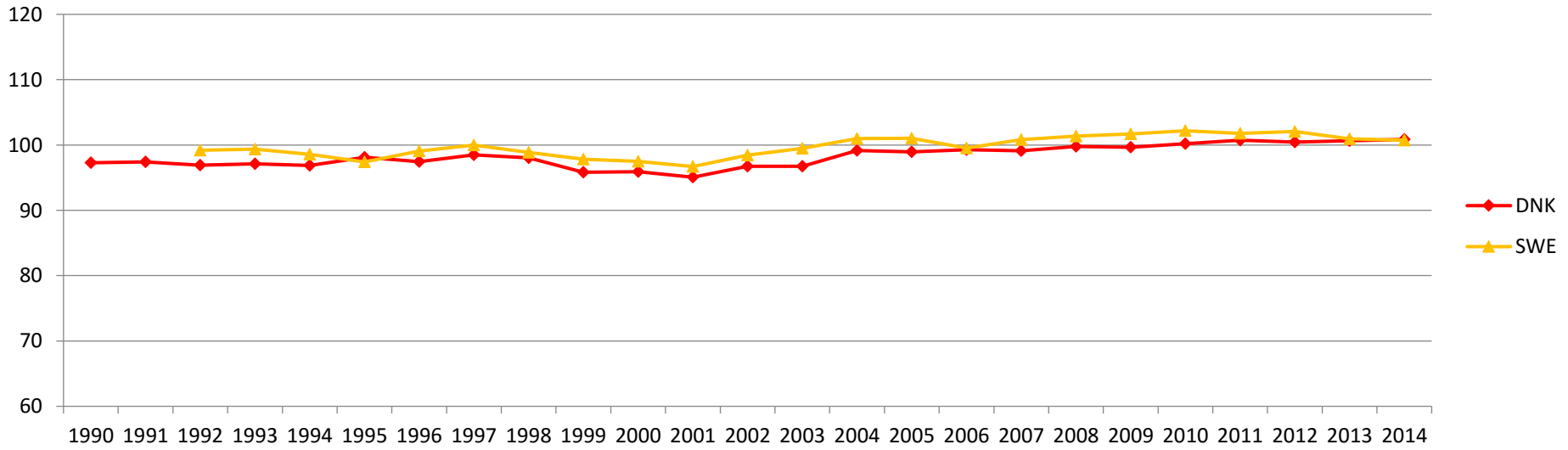
Genetic trend in other diseases, jer cows



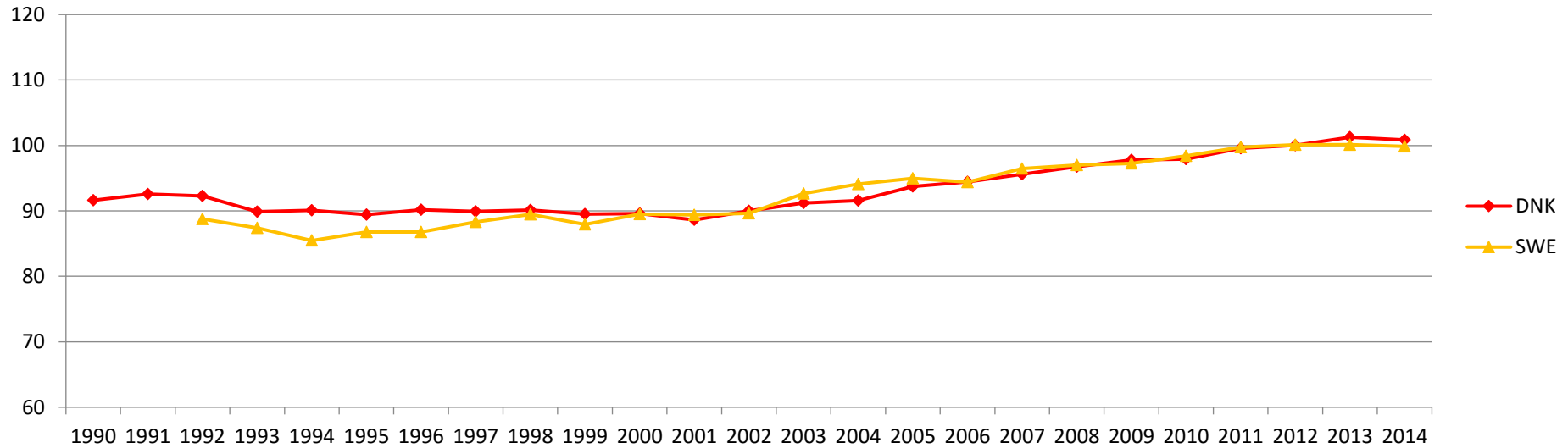
Genetic trend in frame index, jer cows



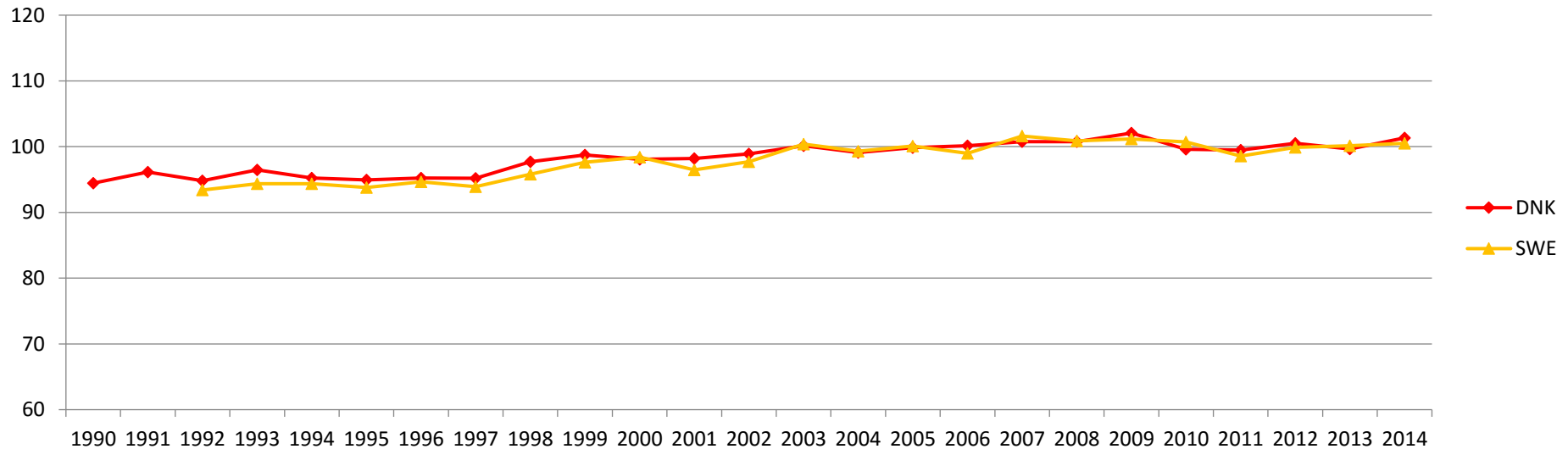
Genetic trend in feet & legs, jer cows



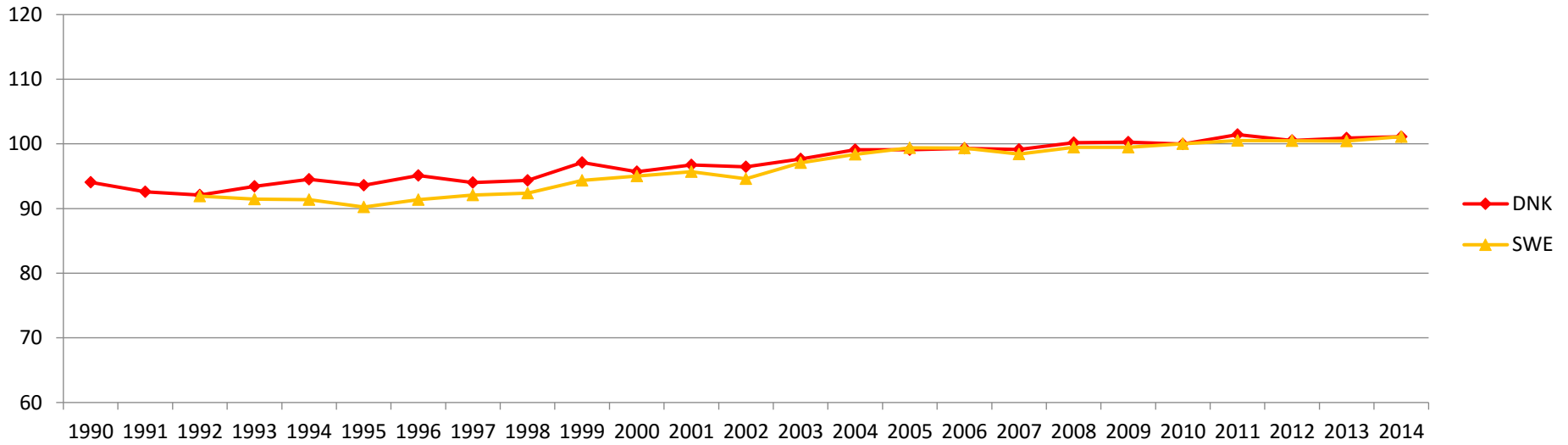
Genetic trend in udder conformation, jer cows



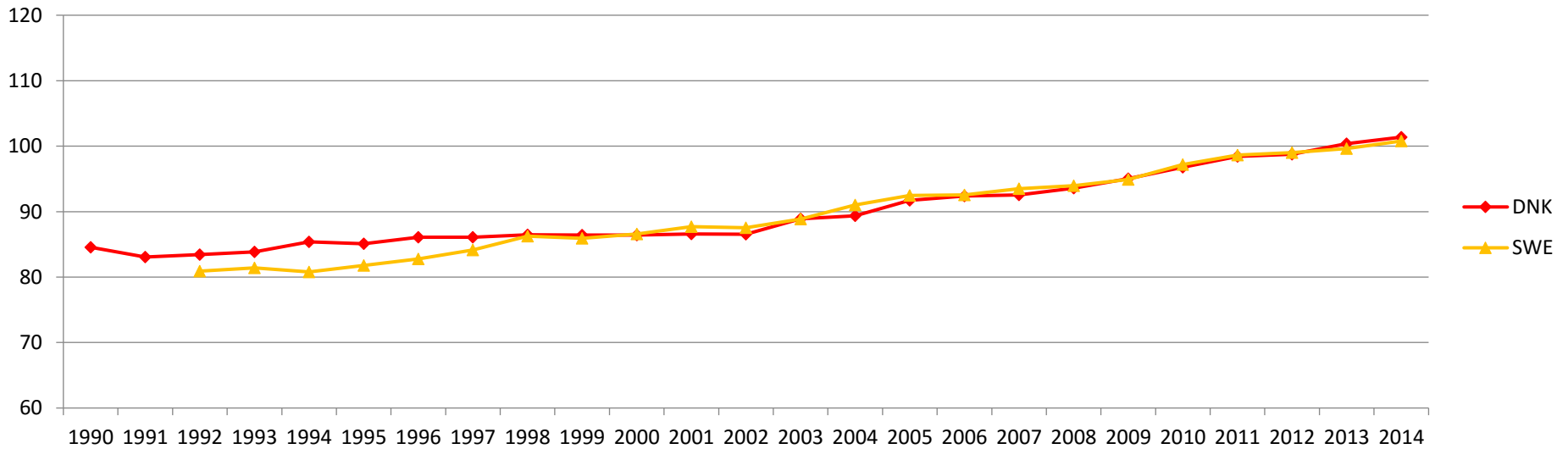
Genetic trend in milkability, jer cows



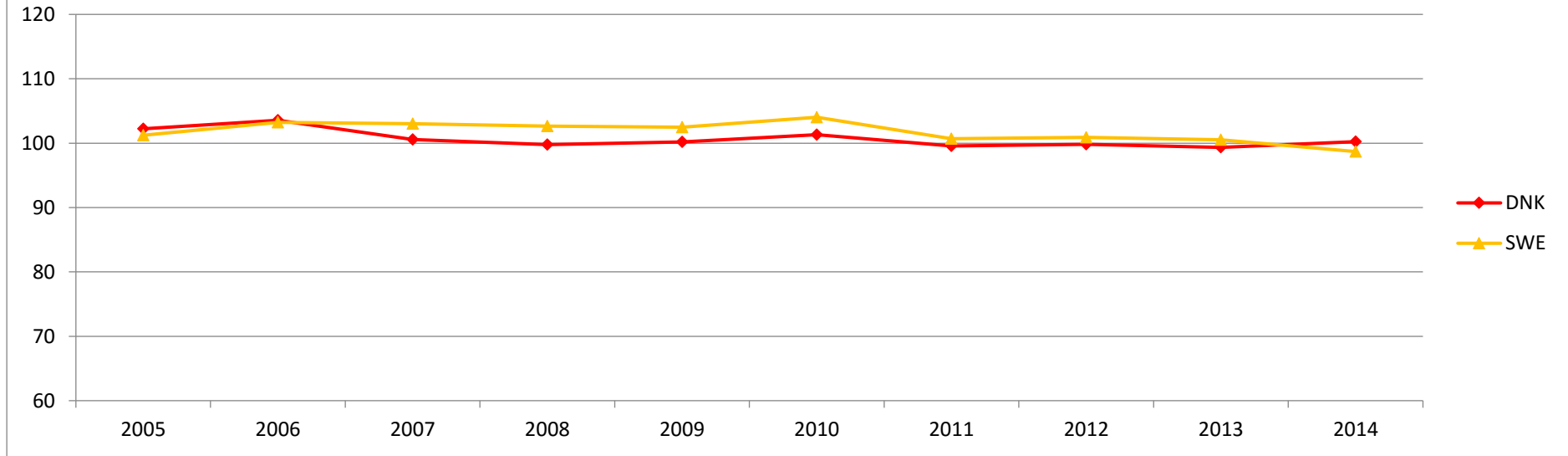
Genetic trend in temperament, jer cows



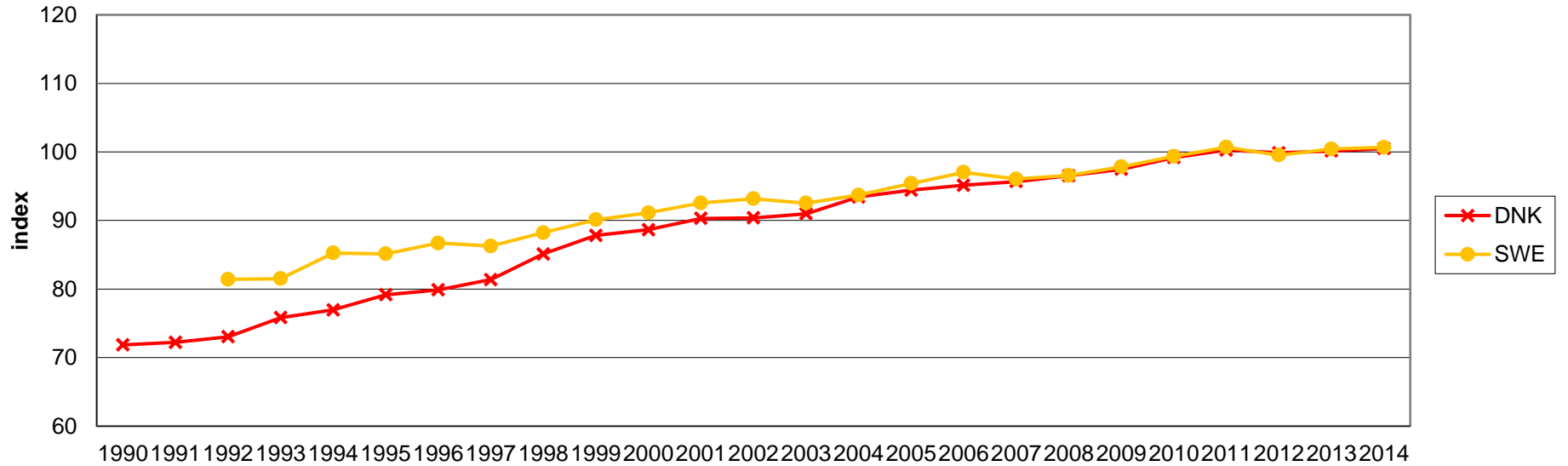
Genetic trend in longevity, jer cows



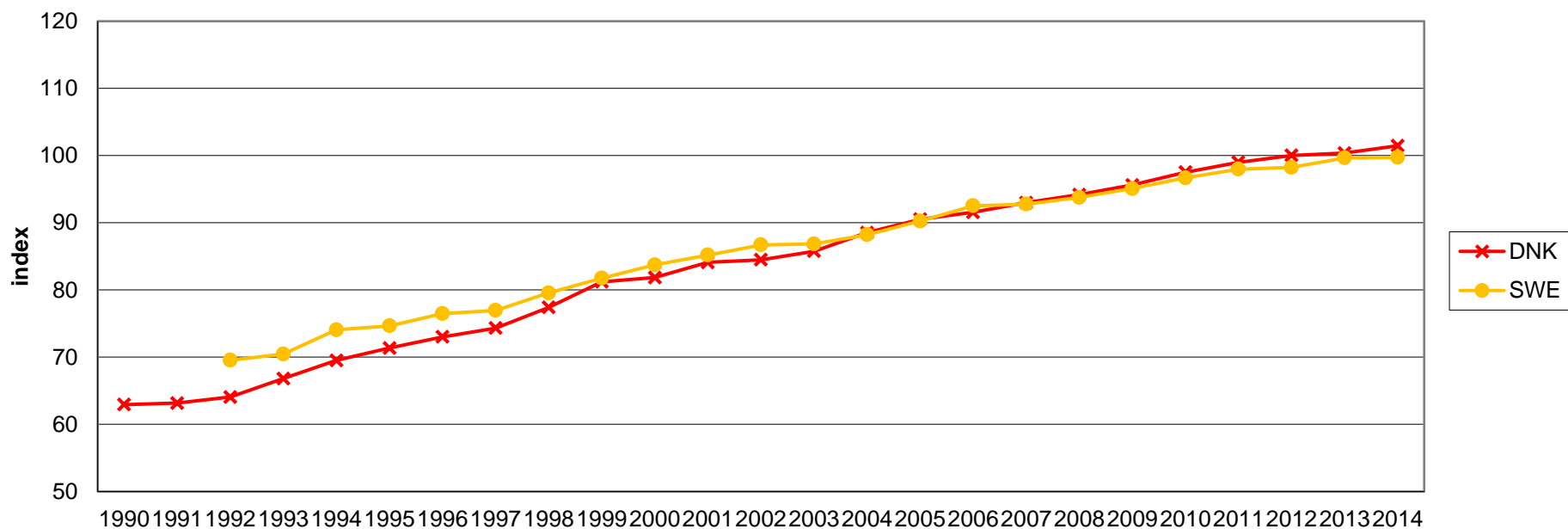
Genetic trend in claw health, jer cows



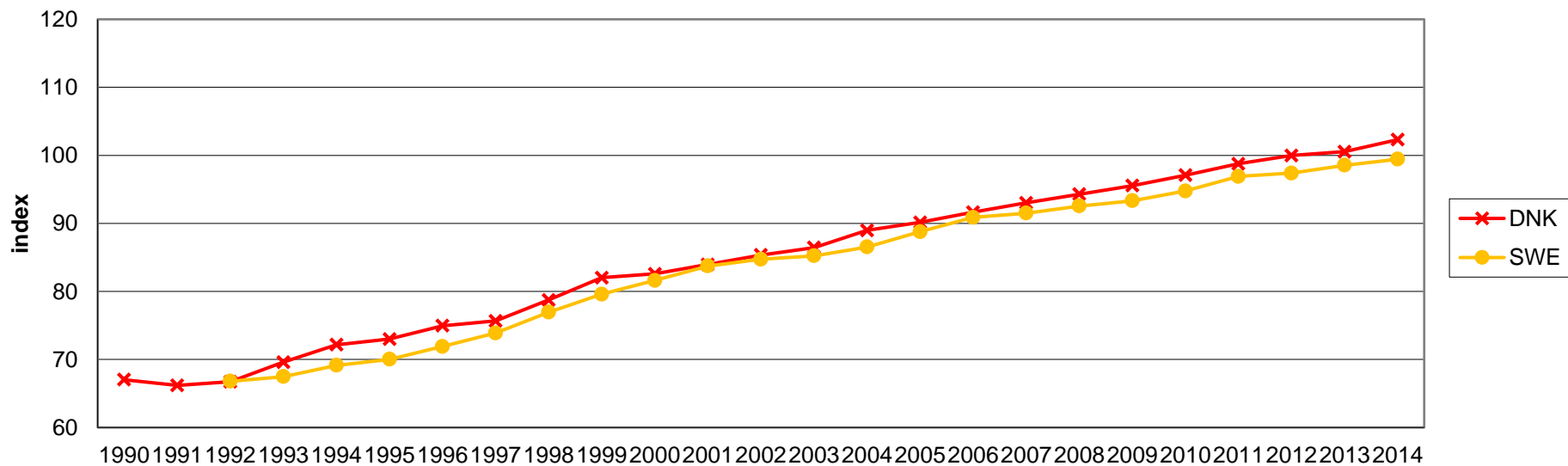
Genetic trend: milk index, JER cows



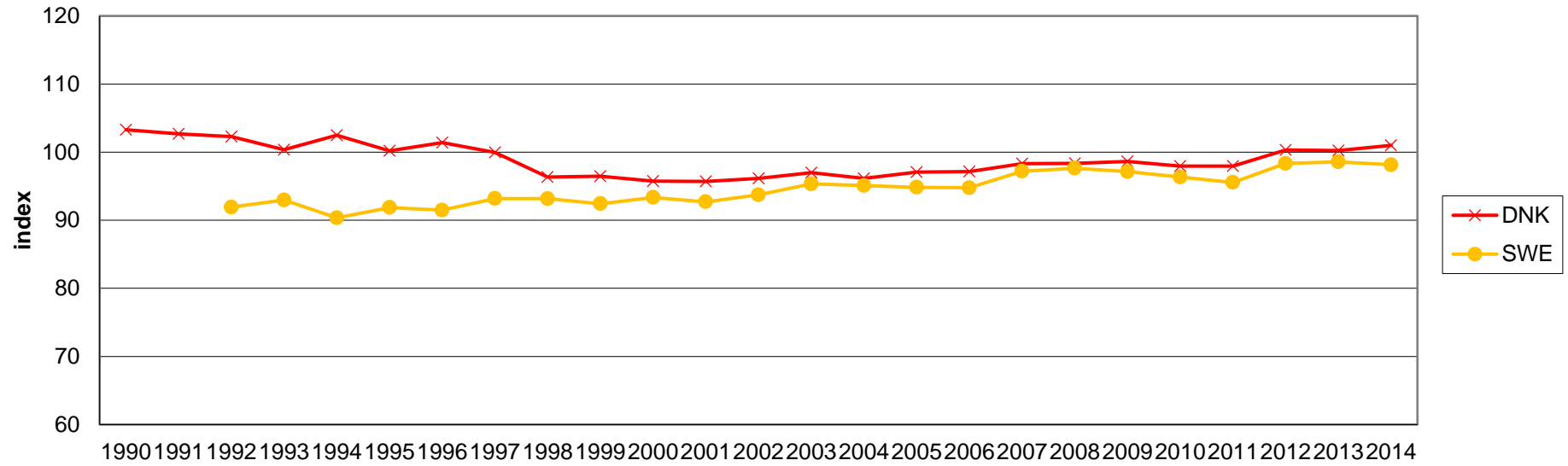
Genetic trend: protein kg index, JER cows



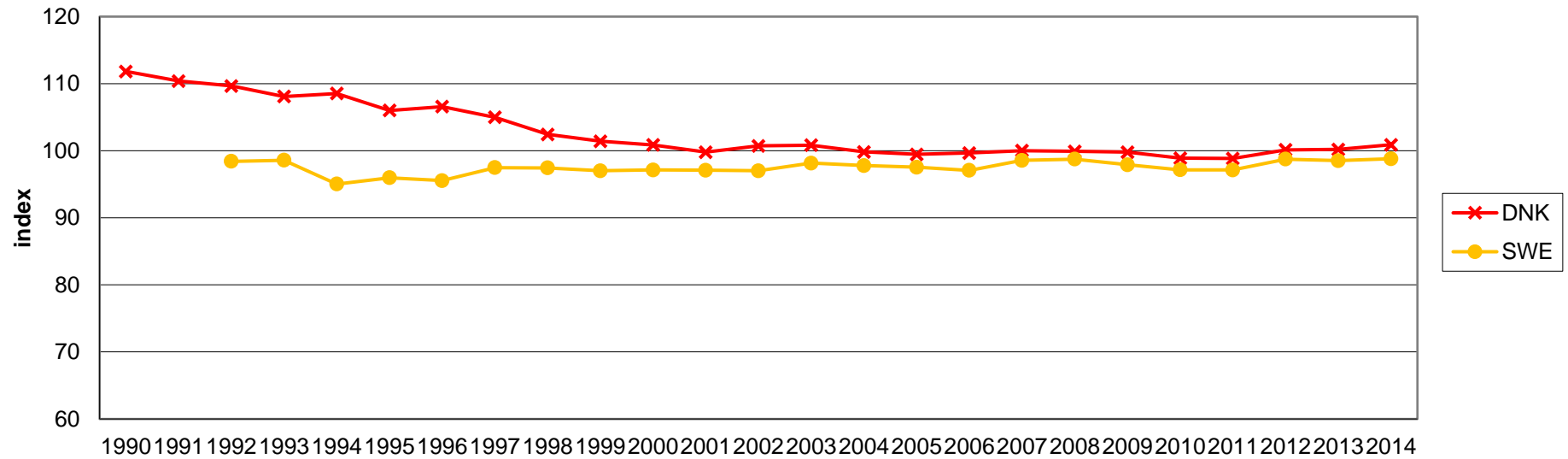
Genetic trend: fat kg index, JER cows



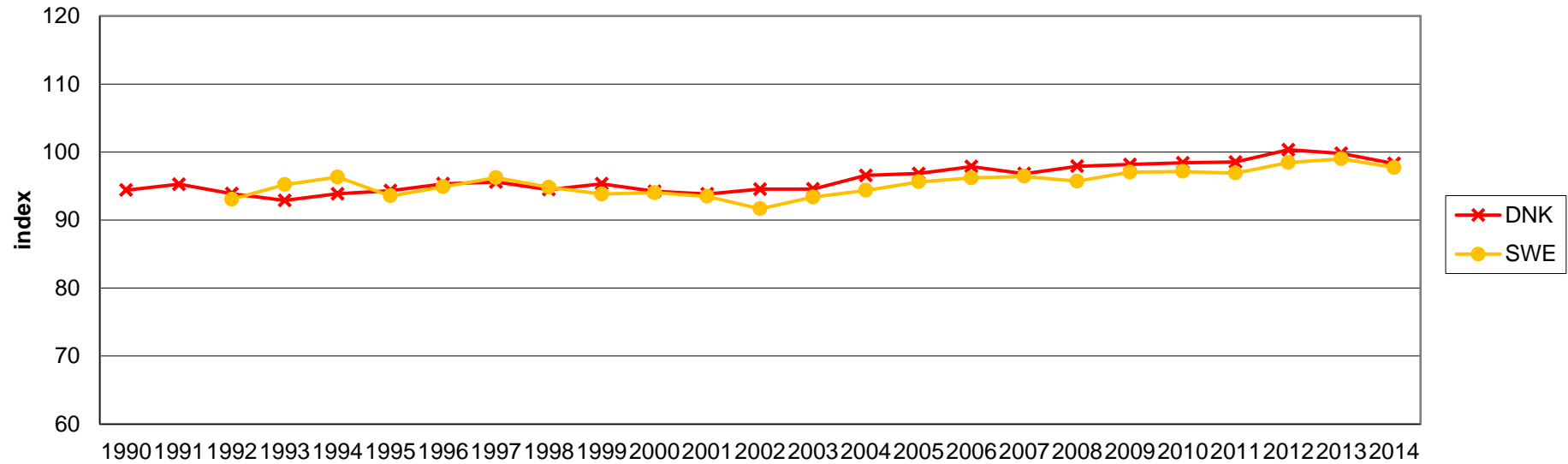
Genetic trend: protein% index, JER cows



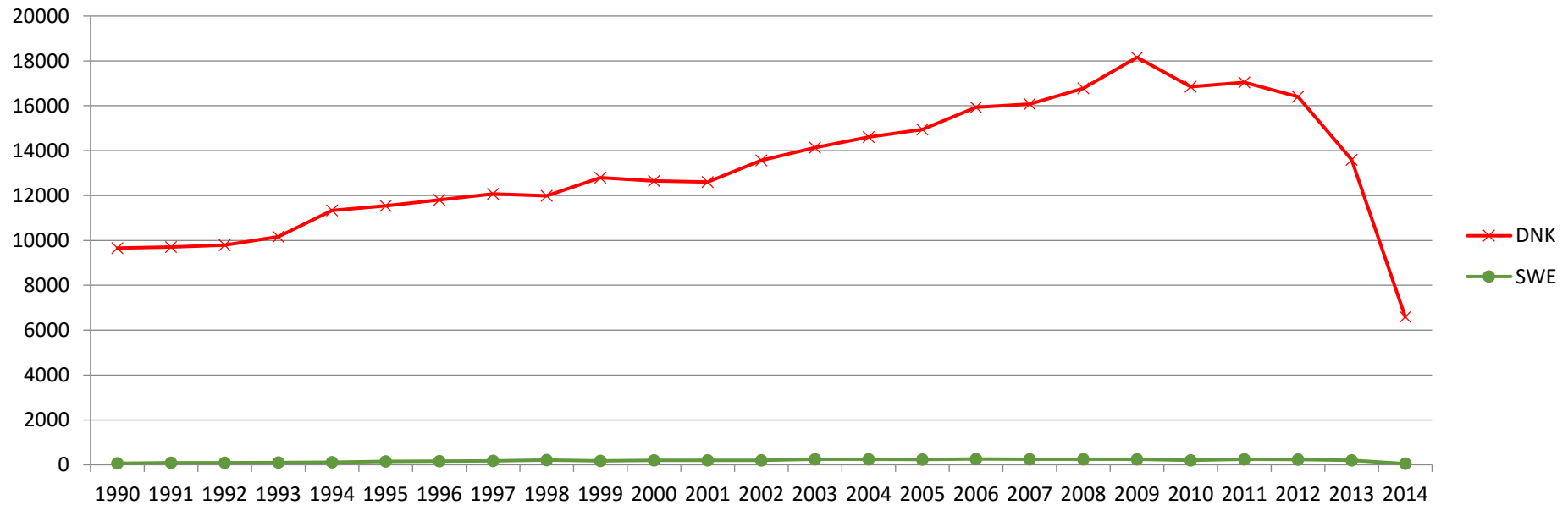
Genetic trend: fat% index, JER cows



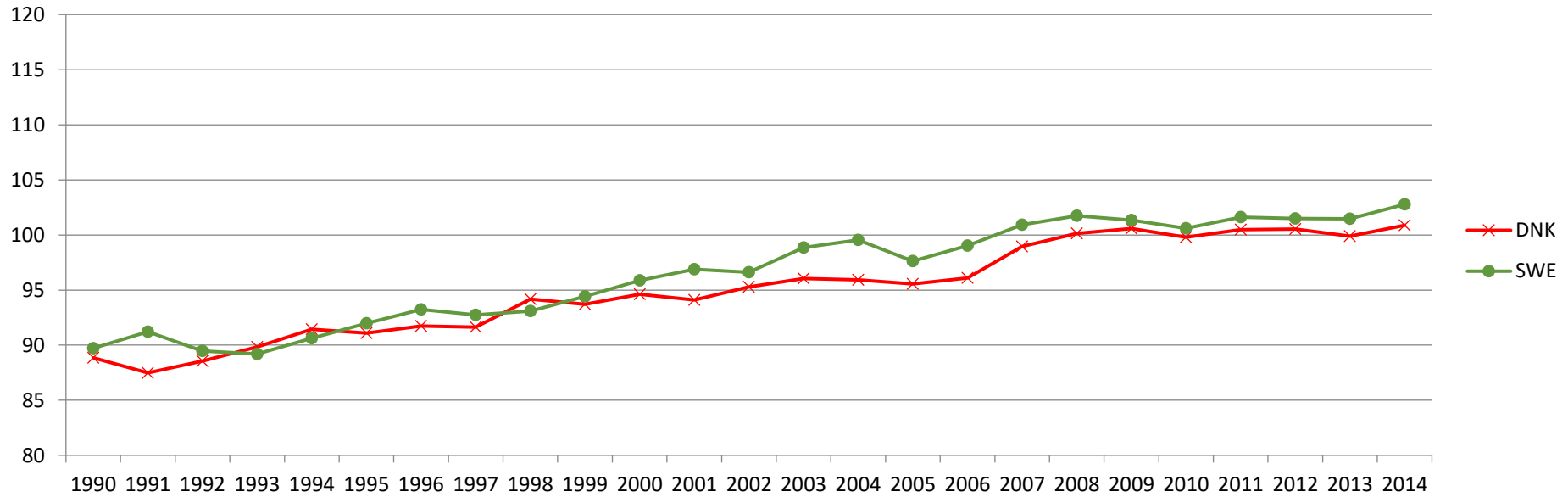
Genetic trend: persistency index, JER cows



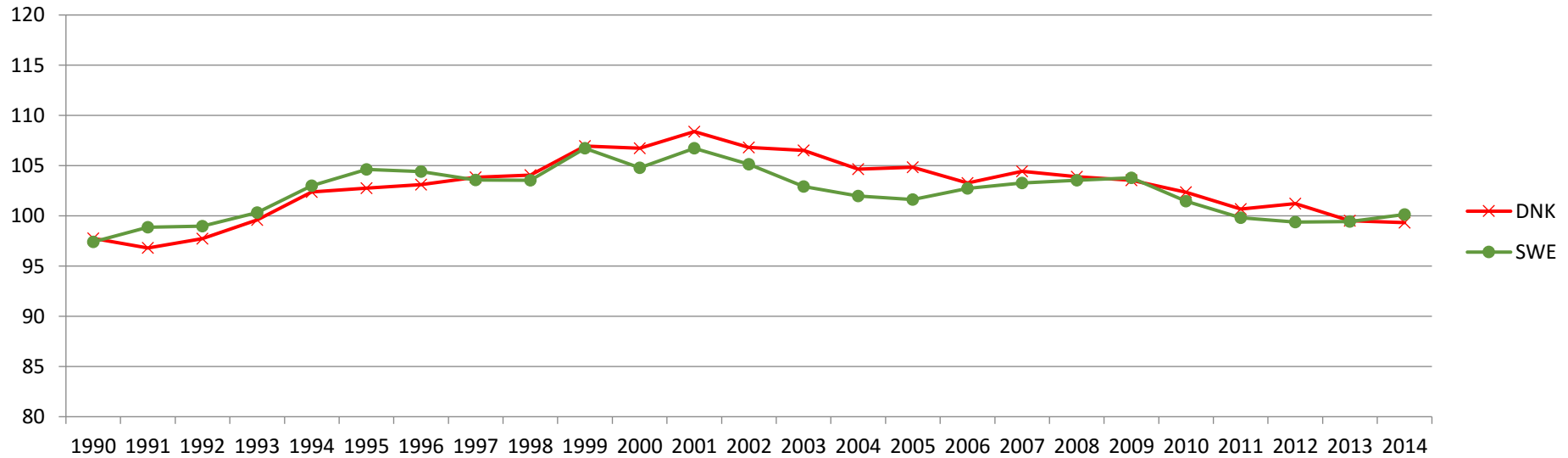
Number of JER cows in type evaluation having an official EBV



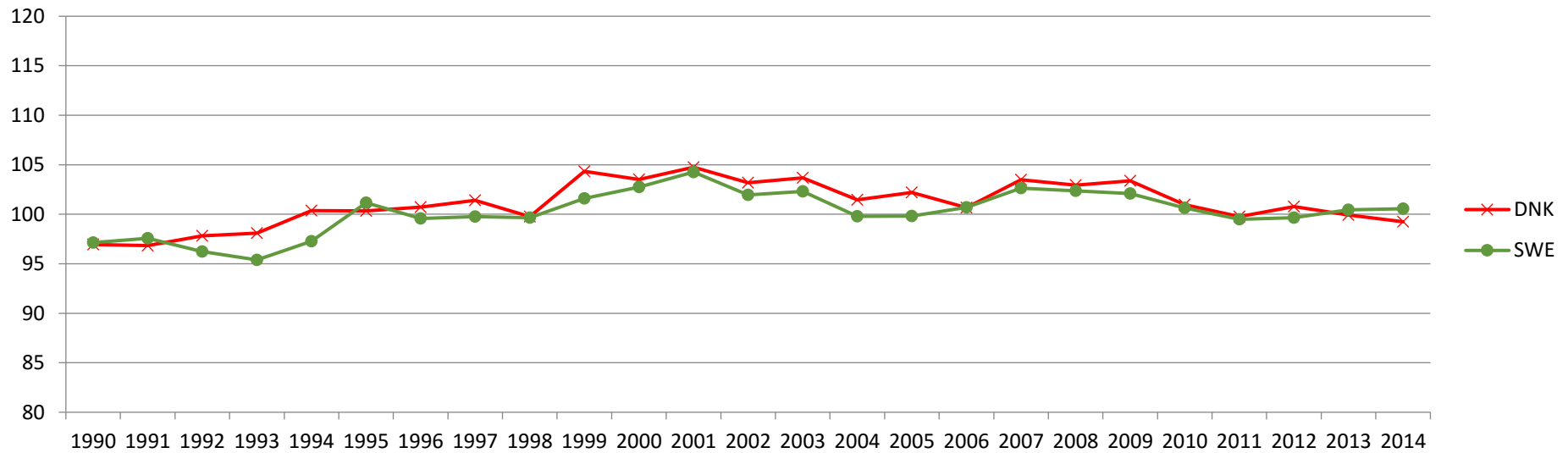
Genetic trend in stature, jer cows



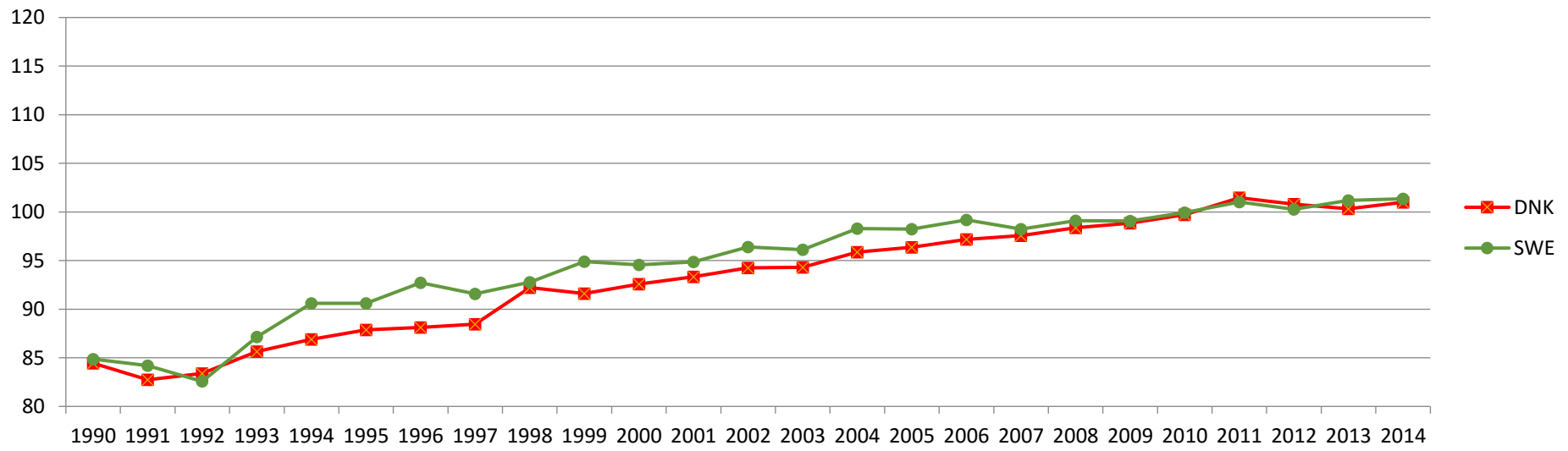
Genetic trend in body depth, jer cows



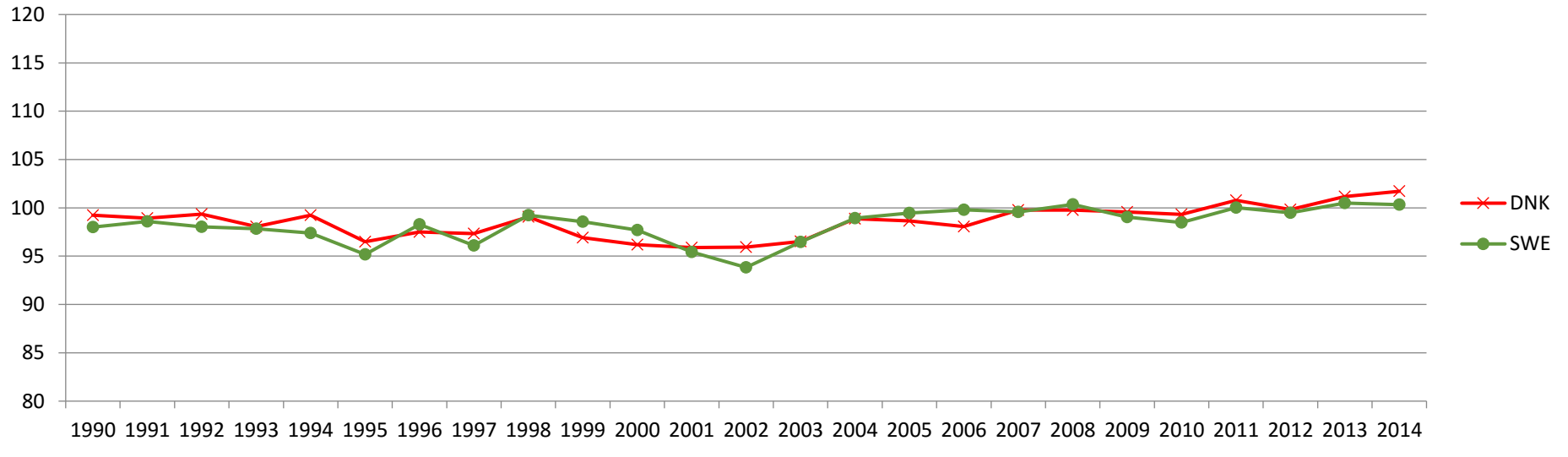
Genetic trend in chest width, jer cows



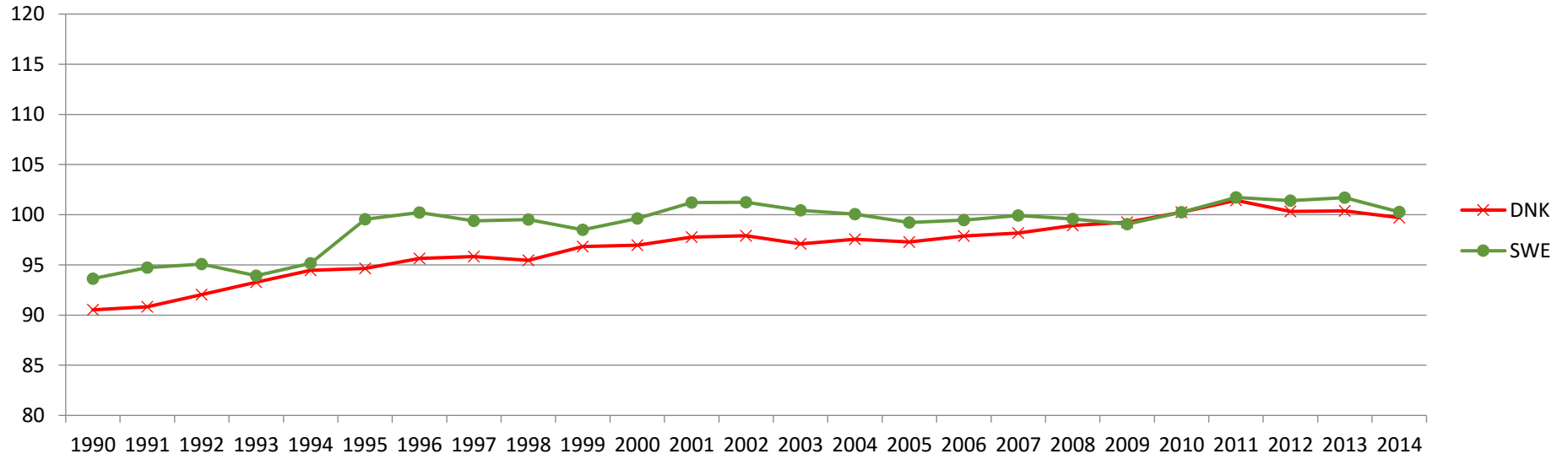
Genetic trend in dairy form, jer cows



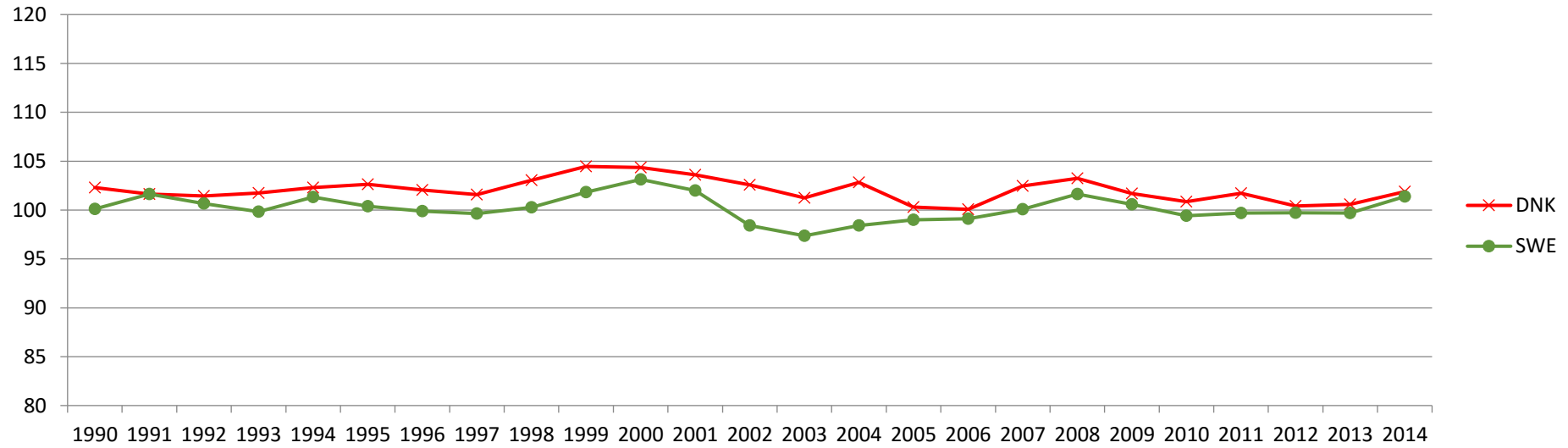
Genetic trend in top line, jer cows



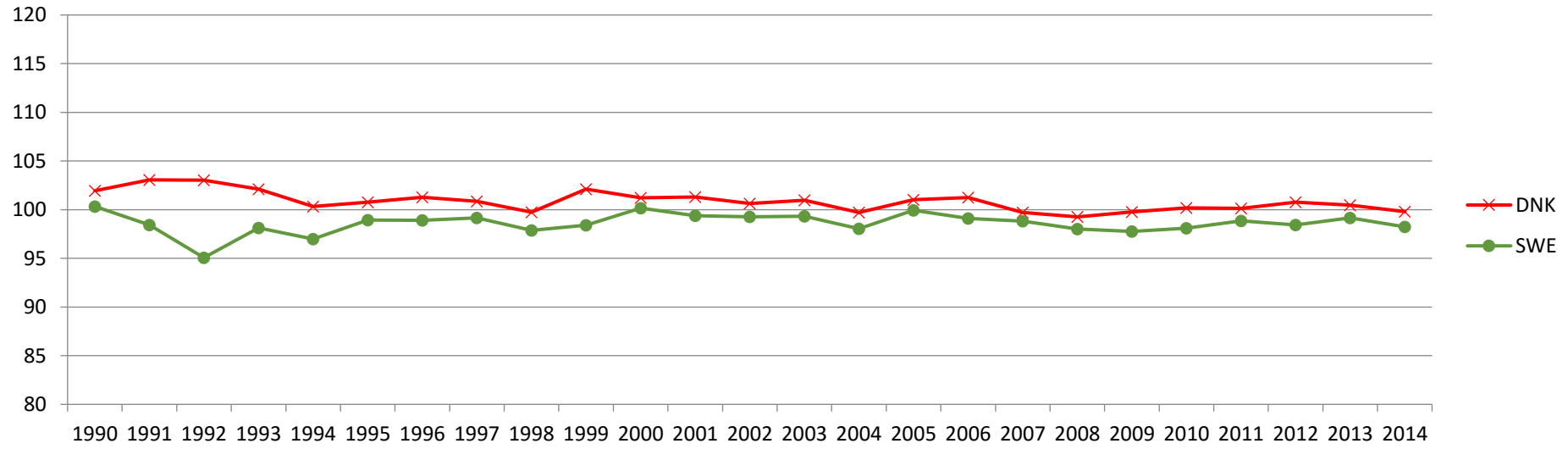
Genetic trend in rump width, jer cows



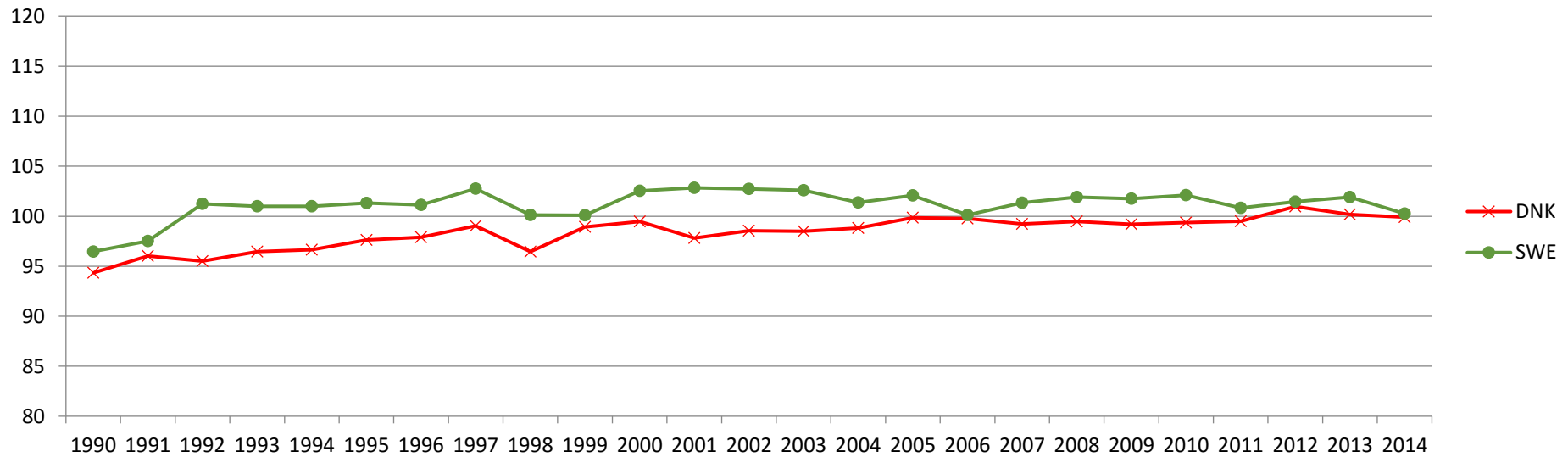
Genetic trend in rump angle, jer cows



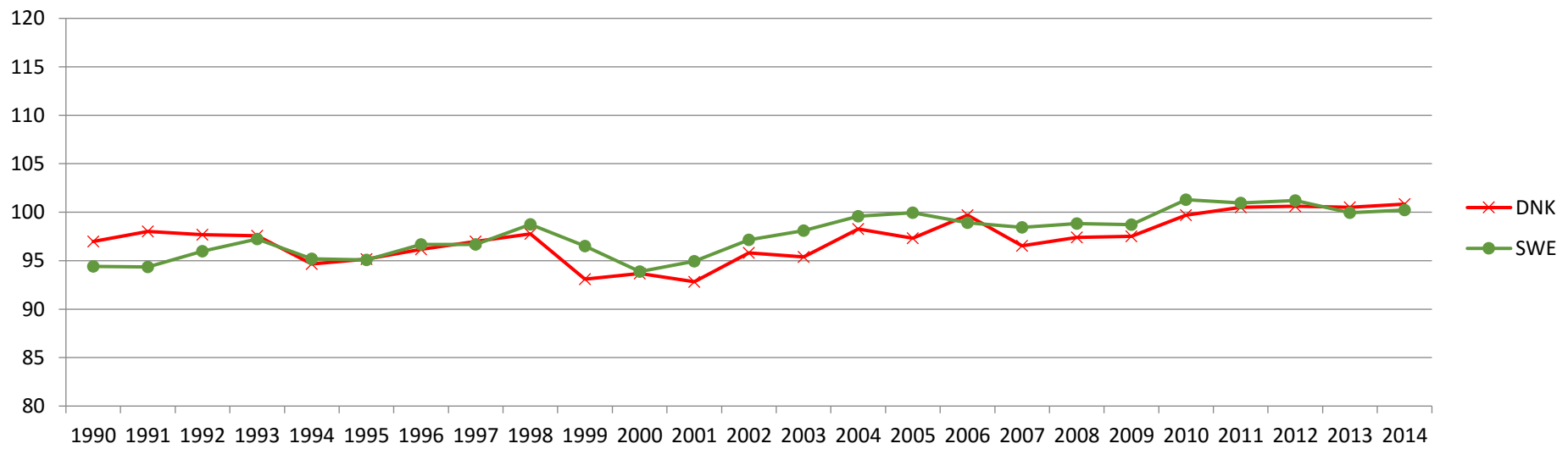
Genetic trend in rear legs side view, jer cows



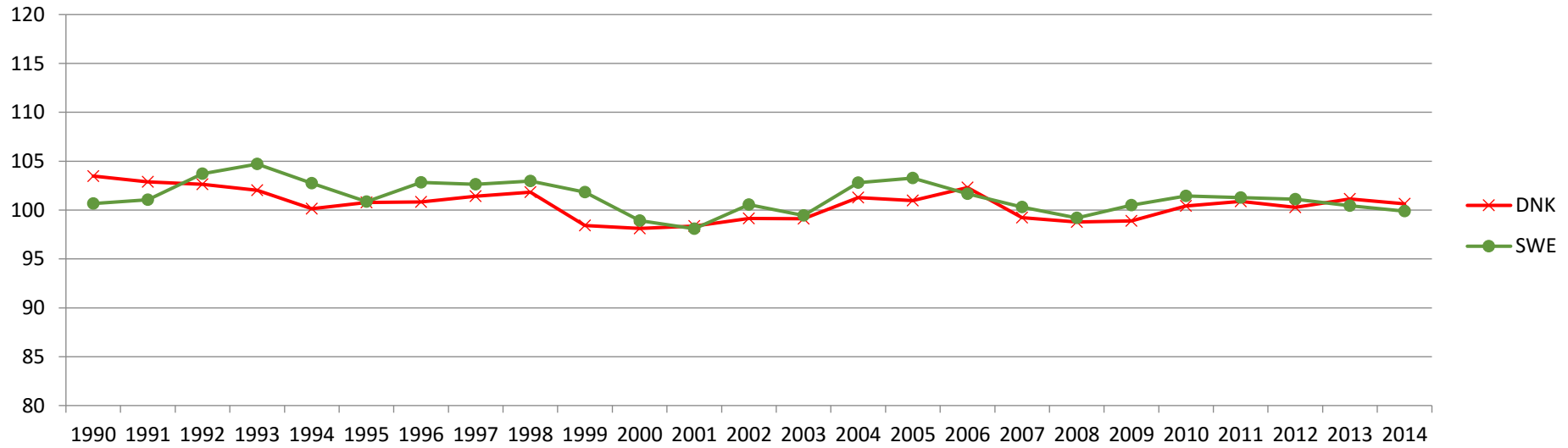
Genetic trend in rear legs rear view, jer cows



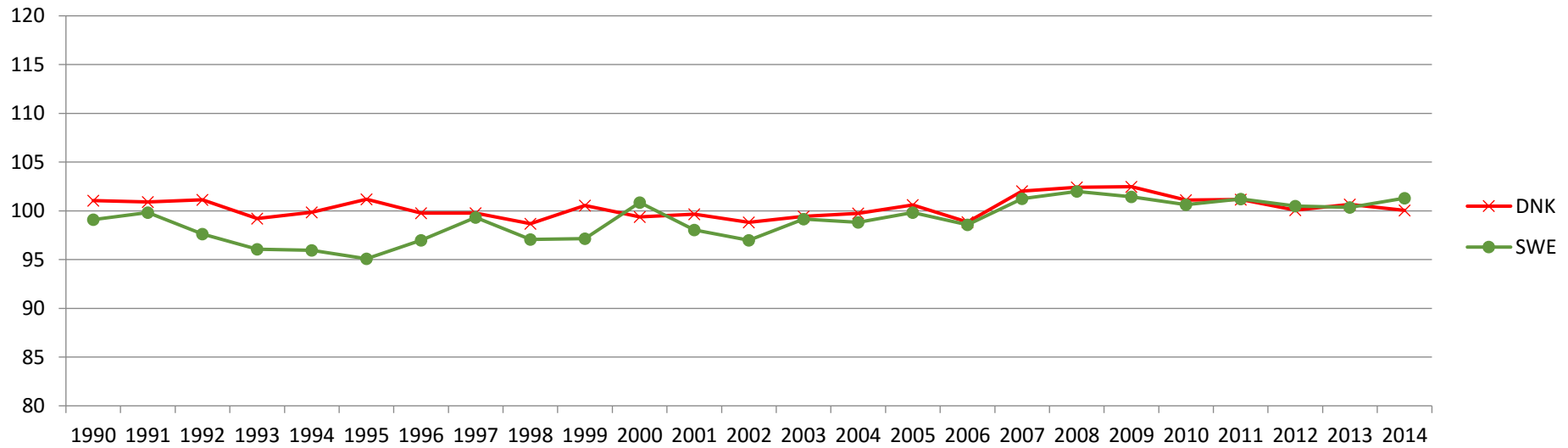
Genetic trend in hock quality, jer cows



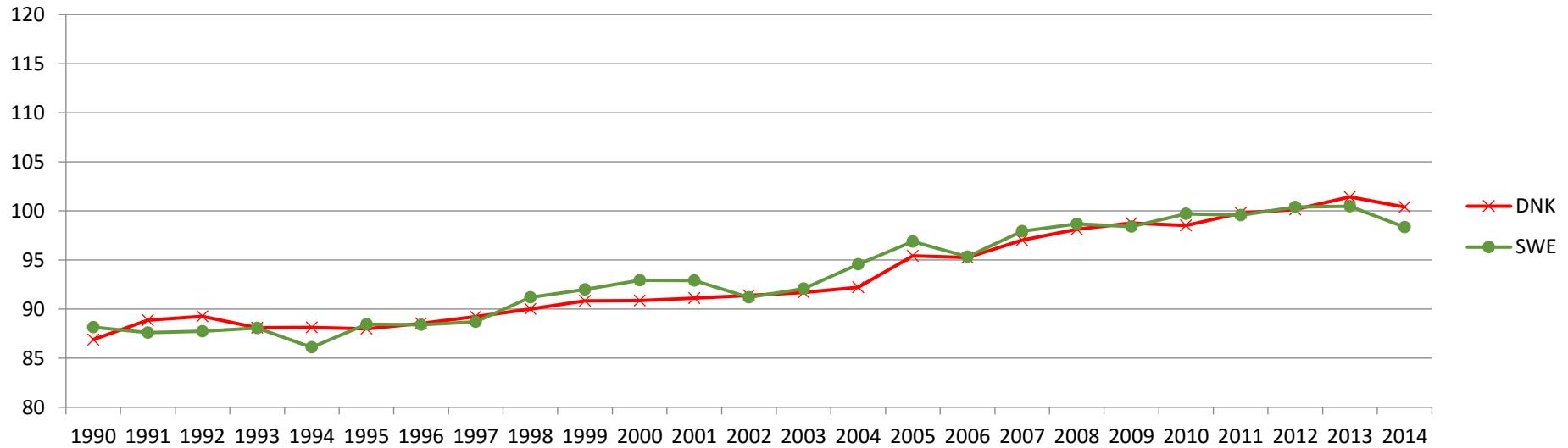
Genetic trend in bone quality, jer cows



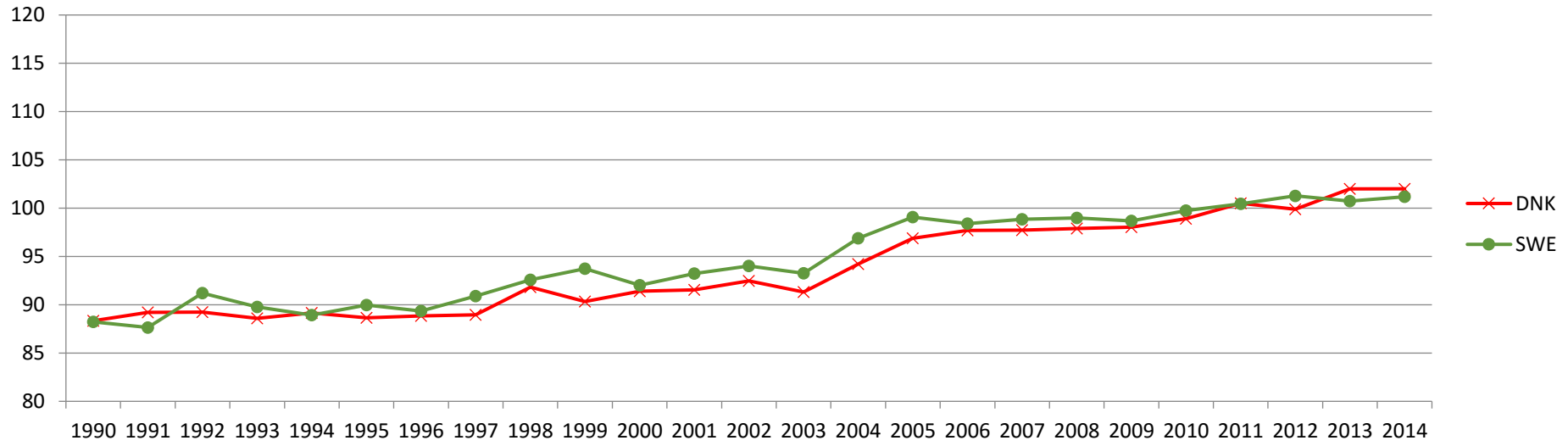
Genetic trend in foot angle, jer cows



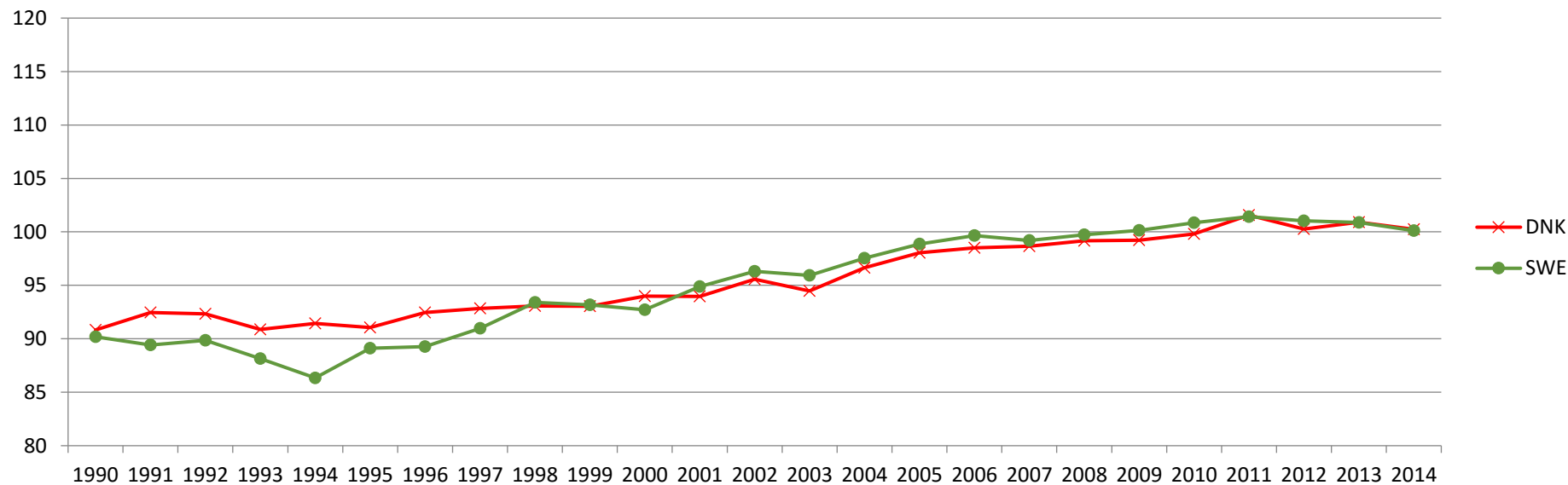
Genetic trend in fore udder attachment, jer cows



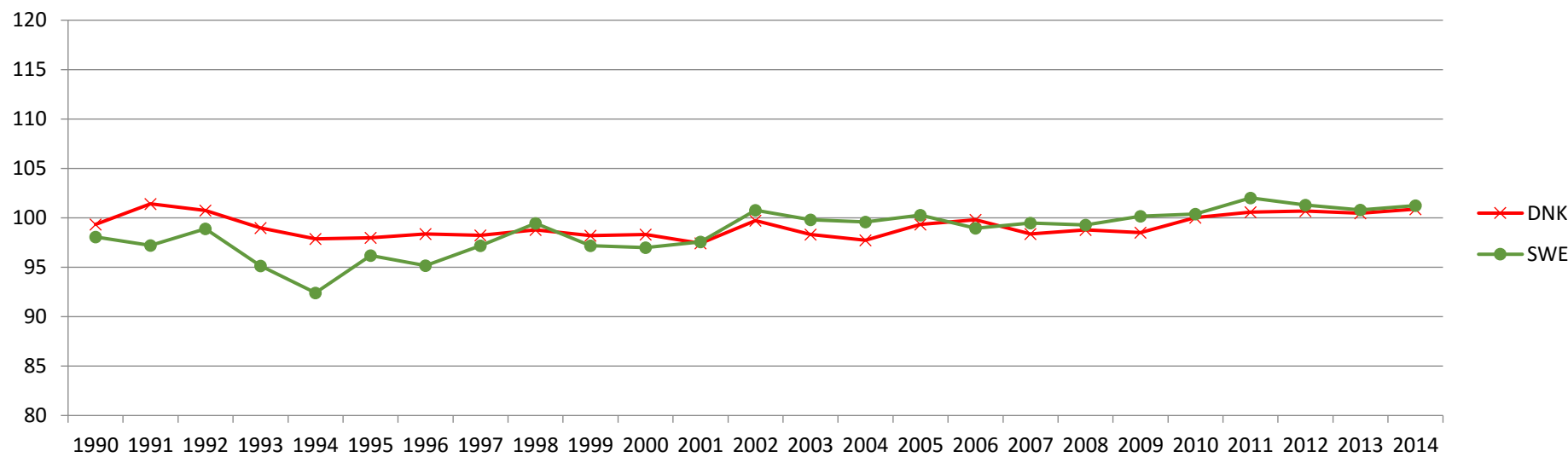
Genetic trend in rear udder height, jer cows



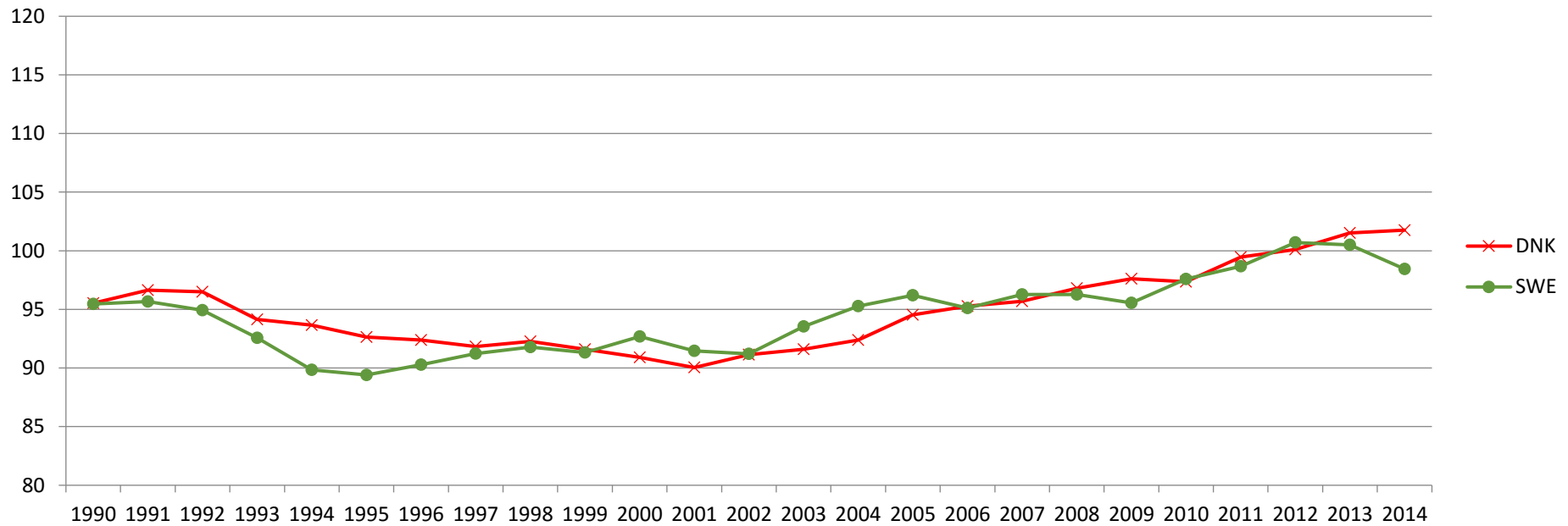
Genetic trend in rear udder width, jer cows



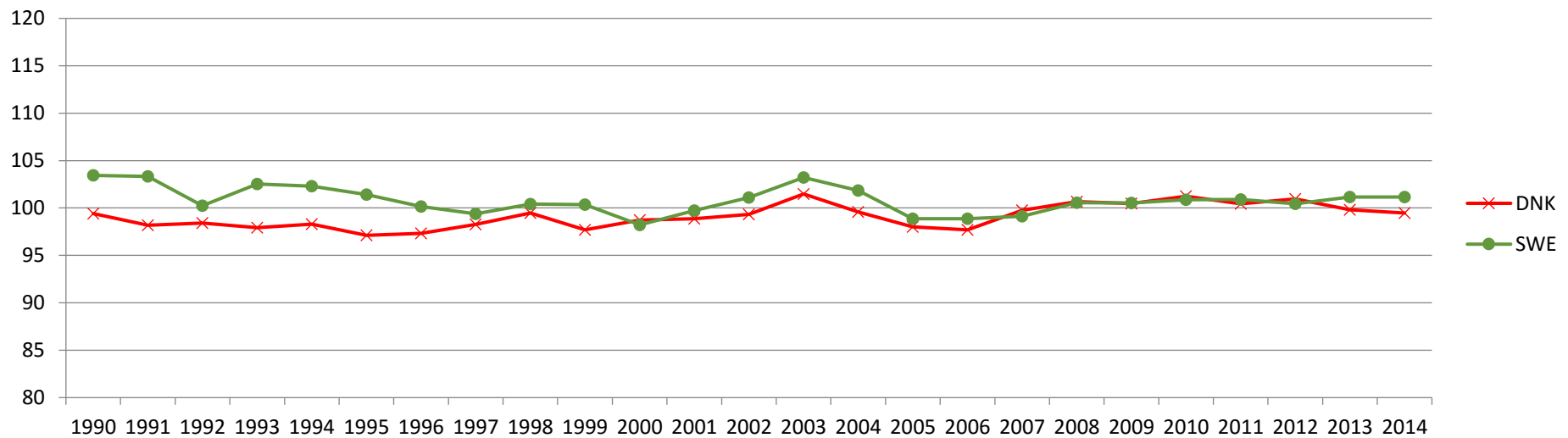
Genetic trend in udder cleft, jer cows



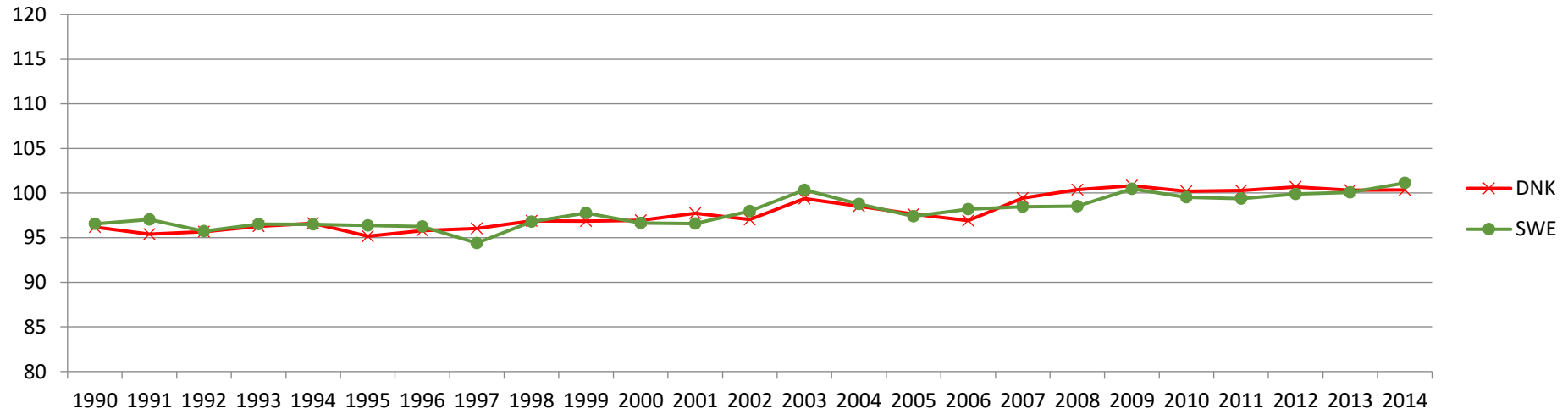
Genetic trend in udder depth, jer cows



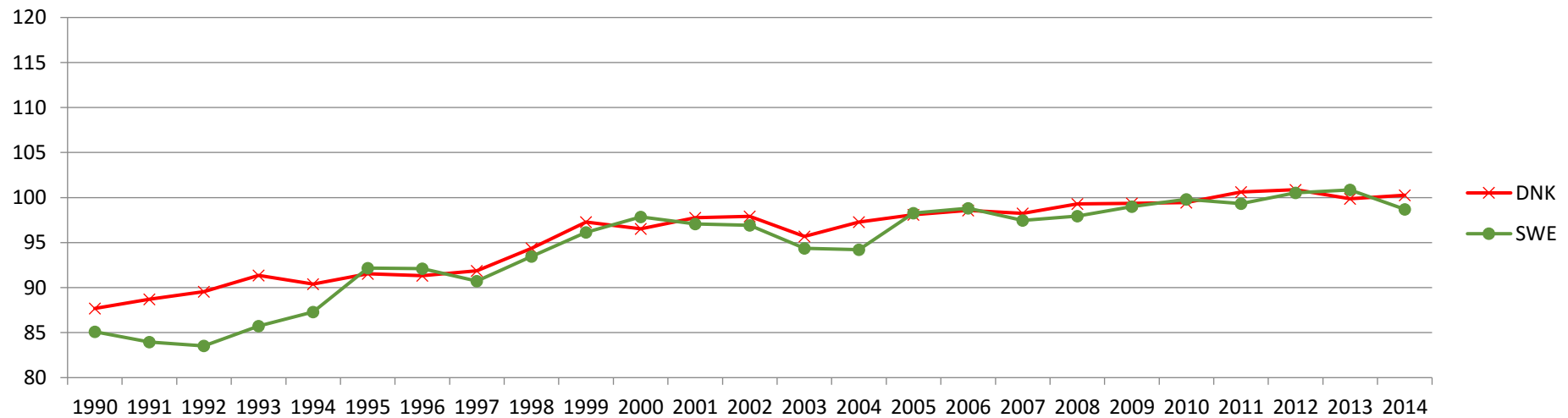
Genetic trend in teat length, jer cows



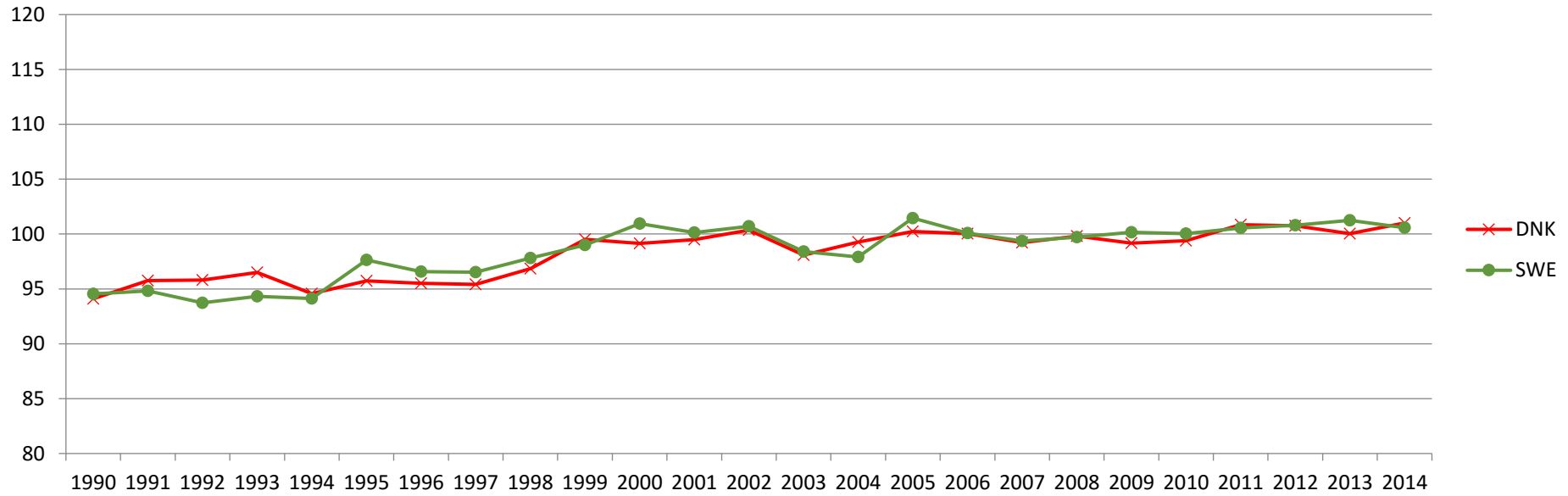
Genetic trend in teat thickness, jer cows



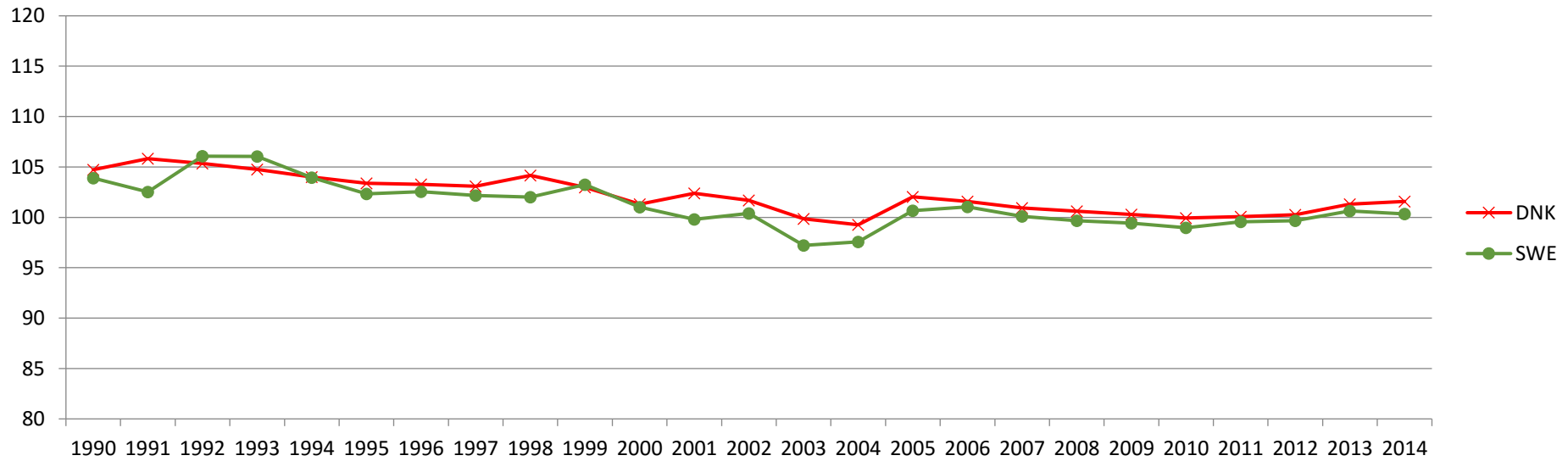
Genetic trend in teat placement front, jer cows



Genetic trend in teat placement rear, jer cows



Genetic trend in udder balance, jer cows



Comparison of current JER optimum values for conformation traits and classification scores from 2016 (until December)

number of scorings		13922	204
traits	optimum	DNK	SWE
1. Stature	129	128.6	129.6
2. Body depth	6	5.8	5.5
3. Chest width	5	4.8	5.1
4. Dairy form	6	5.0	5.2
5. Top line	7	6.0	6.0
6. Rump width	6	4.8	4.9
7. Rump angle	5	5.2	5.0
8. Rear legs, side view	5	5.4	5.2
9. Rear legs, rear view	9	6.0	6.2
10. Hock quality	9	6.0	6.5
11. Bone quality	9	6.7	7.3
12. Foot angle	6.5	4.6	4.7
14. Fore udder attachment	9	5.2	5.4
15. Rear udder height	9	6.1	6.2
16. Rear udder width	9	5.3	5.8
17. Udder cleft/support	9	5.0	5.3
18. Udder depth	9	5.2	6.0
19. Teat length	5.5	5.0	5.3
20. Teat thickness	6	4.8	4.8
21. Teat placement (front)	7.5	4.8	4.7
22. Teat placement (back)	5	5.6	5.6
23. Udder balance	5	5.1	5.0