

## Genetische trends van koeien in Nederland

Datum: 15-08-2024

Algemene toelichting op de genetische trends van koeien:

Er worden alleen gemiddelde fokwaarden getoond als het aantal waarnemingen per jaar meer dan 10 is.

Het rasaandeel per getoond ras is minimaal 7/8, behalve voor FHF en MRH. Bij deze kruisingen geldt:

FHF: minimaal 2/8 HF of FH, 2e ras is resp. FH of HF (zwartbont)

MRH: minimaal 2/8 MRY of HF, 2e ras is resp. HF of MRY (roodbont)

Basis = Melkdoel zwart, Melkdoel rood, Dubbeldoel of Belgisch witblauw

Toelichting op gebruikte afkortingen:

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kgM = Kg melk  
kgV = Kg vet  
kgE = Kg eiwit  
kgL = Kg lactose  
%V = %vet  
%E = %eiwit  
%L = %lactose  
INET = INET  
H = Hoogtemaat  
VH = Voorhand  
IH = Inhoud  
OH = Openheid  
CS = Conditie  
KL = Kruisligging  
KB = Kruisbreedte  
BA = Beenstand achter  
BZ = Beenstand zij  
KH = Klauwhoek  
VB = Voorbeenstand  
BG = Beengebruik  
VA = Vooruieraanhechting  
VP = Voorspeenplaatsing  
SL = Speenlengte  
UD = Uierdiepte  
AH = Achteruierhoogte  
OB = Ophangband  
AP = Achterspeenplaatsing  
UBA = Uierbalans  
F = Frame  
T = Type  
U = Uier  
B = Beenwerk  
Bs = Bespiering  
Ext = Totaal exterieur  
NR56 = Non Return  
IAI = Interval afkalven-1e inseminatie

IEL = Interval eerste-laatste inseminatie  
TKT = Tussenkalftijd  
DP\_ko = Drachtpercentage-koe  
DP\_pi = Drachtpercentage-pink  
LEI = Leeftijd 1e inseminatie-pink  
DO = Open dagen  
Vru = Vruchtbaarheidsindex  
MS = Melksnelheid  
Kar = Karakter  
SCC = Celgetal  
SKM = Subklinische mastitis  
KM = Klinische mastitis  
NVI = NVI  
Lvd = Levensduur  
Ugh = Uiergezondheidsindex  
Kgh = Klauwgezondheidsindex  
Bv = Bevangenheid  
Mo = Mortellaro  
Sp = Stinkpoot  
Zz = Zoolzweer  
Ty = Tyloom  
Wld = Wittelij defect  
LVg = Index Levensvatbaarheid  
LVa = Index Maternale Levensvatbaarheid  
LVg1 = Directe levensvatbaarheid vaarzen  
LVa1 = Maternale levensvatbaarheid vaarzen  
LVg2 = Directe levensvatbaarheid koeien  
LVa2 = Maternale levensvatbaarheid koeien  
Geb = Direct geboorteverloop  
DDt = Directe draagtijd  
DGw = Direct geboortegewicht  
Afk = Maternaal afkalfgemak  
MDt = Maternale draagtijd  
MGw = Maternaal geboortegewicht  
Gin = Geboorteindex  
Be\_ko = Beveleedheid koe  
Ve\_ko = Vetbedekking koe  
Gw\_ko = Gewicht koe  
Be\_ka = Beveleedheid kalf  
Ve\_ka = Vetbedekking kalf  
Gr\_ka = Groei kalf  
Vlkl = Vleeskleur kalf  
Be\_st = Beveleedheid stier  
Ve\_st = Vetbedekking stier  
Gr\_st = Groei stier  
Vlin = Vleesindex  
KaVi1 = Kalvervitaliteit gedurende opfok  
KaVi2 = Kalvervitaliteit gedurende opfok dag 3-14  
KaVi3 = Kalvervitaliteit mestkalveren  
LPin = Levensproductie index  
LPkgM = Levensproductie kg melk

LPkgV = Levensproductie kg vet  
LPkgE = Levensproductie kg eiwit  
Eff = AMS Efficiency  
Int = AMS Interval  
Gewen = AMS Gewenning  
AMS = AMS index  
Pers = Persistentie  
RTM = Laatrijphheid  
DSopn = Kg droge stof opname  
Gew = Lichaamsgewicht  
BVK = Besparing voerkosten voor onderhoud (euro/lact)  
SAin = Stofwisselingsaandoeningen index  
MZ = Melkziekte index  
SMZ = Klinische Ketose / Slepemde Melkziekte index  
RSin = Reproductiestoornissen index  
NAGE = Aan de nageboorte blijven staan-index  
VUIL = Niet opgeschoonde baarmoeders-index  
BMON = Baarmoederontsteking index  
CYST = Cysteuze eierstokken index  
ANOE = Anoestrus index  
SubKE = Subklinische ketose index

Rassen met meer dan 10 waarnemingen per jaar - Nederland

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Holstein Friesian - zwartbont  
Holstein Friesian - roodbont  
Holstein - Fries Hollands zwartbont  
Fries Hollands - zwartbont  
Fries Hollands - roodbont  
Maas Rijn IJssel  
MRIJ - Holstein Friesian roodbont  
Jersey  
Lakenvelder - zwartbont  
Lakenvelder - roodbont  
Blaarkop - zwartbont  
Verbeterd Roodbont  
Belgisch Blauw Mixt  
Witrood  
Belgisch Blauw  
Brand rood  
Fleck Vieh  
Brown Swiss  
Zweeds Roodbont  
Angler  
Montbéliard  
Piemontese  
Blonde d'Aquitaine  
Normande  
KRB

Inhoudsopgave (Nederland)

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Tabel: 231 Belgisch Blauw Mixt, basis Y: Melkproductiekenmerken

Tabel: 232 Belgisch Blauw Mixt, basis Y: Vruchtbaarheidskenmerken

Tabel: 233 Belgisch Blauw Mixt, basis Y: NVI met onderliggende kenmerken

Tabel: 234 Belgisch Blauw Mixt, basis Y: Geboortekenmerken

Tabel: 235 Belgisch Blauw Mixt, basis Y: Vleeskenmerken

Tabel: 236 Belgisch Blauw Mixt, basis Y: Overige productie en efficiency kenm.

Tabel: 237 Belgisch Blauw Mixt, basis Y: Stofwisselingsaandoeningen

Tabel: 238 Witrood, basis Y: Melkproductiekenmerken

Tabel: 239 Witrood, basis Y: Vruchtbaarheidskenmerken

Tabel: 240 Witrood, basis Y: NVI met onderliggende kenmerken

Tabel: 241 Witrood, basis Y: Levensvatbaarheidskenmerken

Tabel: 242 Witrood, basis Y: Geboortekenmerken

Tabel: 243 Witrood, basis Y: Vleeskenmerken

Tabel: 244 Witrood, basis Y: Levensproductiekenmerken

Tabel: 245 Witrood, basis Y: Overige productie en efficiency kenm.

Tabel: 246 Witrood, basis Y: Stofwisselingsaandoeningen

Tabel: 247 Belgisch Blauw, basis B: Vruchtbaarheidskenmerken

Tabel: 248 Belgisch Blauw, basis B: Levensvatbaarheidskenmerken

Tabel: 249 Belgisch Blauw, basis B: Geboortekenmerken

Tabel: 250 Belgisch Blauw, basis B: Vleeskenmerken

Tabel: 251 Belgisch Blauw, basis B: Stofwisselingsaandoeningen

Tabel: 252 Belgisch Blauw, basis B: Reproductiestoornissen

Tabel: 253 Brand rood, basis Y: Melkproductiekenmerken

Tabel: 254 Brand rood, basis Y: Vruchtbaarheidskenmerken

Tabel: 255 Brand rood, basis Y: NVI met onderliggende kenmerken

Tabel: 256 Brand rood, basis Y: Levensvatbaarheidskenmerken  
 Tabel: 257 Brand rood, basis Y: Geboortekenmerken  
 Tabel: 258 Brand rood, basis Y: Vleeskenmerken  
 Tabel: 259 Brand rood, basis Y: Kalvervitaliteit  
 Tabel: 260 Brand rood, basis Y: Levensproductiekenmerken  
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 Tabel: 264 Fleck Vieh, basis Y: Exterieurkenmerken beenwerk  
 Tabel: 265 Fleck Vieh, basis Y: Exterieurkenmerken uier  
 Tabel: 266 Fleck Vieh, basis Y: Exterieurkenmerken bovenbalk  
 Tabel: 267 Fleck Vieh, basis Y: Vruchtbaarheidskenmerken  
 Tabel: 268 Fleck Vieh, basis Y: Gebruikskkenmerken  
 Tabel: 269 Fleck Vieh, basis Y: NVI met onderliggende kenmerken  
 Tabel: 270 Fleck Vieh, basis Y: Klauwgezondheidskenmerken  
 Tabel: 271 Fleck Vieh, basis Y: Levensvatbaarheidskenmerken  
 Tabel: 272 Fleck Vieh, basis Y: Geboortekenmerken  
 Tabel: 273 Fleck Vieh, basis Y: Vleeskenmerken  
 Tabel: 274 Fleck Vieh, basis Y: Kalvervitaliteit  
 Tabel: 275 Fleck Vieh, basis Y: Levensproductiekenmerken  
 Tabel: 276 Fleck Vieh, basis Y: Robot / AMS kenmerken  
 Tabel: 277 Fleck Vieh, basis Y: Overige productie en efficiency kenm.  
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 Tabel: 279 Fleck Vieh, basis Y: Reproductiestoornissen  
 Tabel: 280 Brown Swiss, basis R: Melkproductiekenmerken  
 Tabel: 281 Brown Swiss, basis R: Exterieurkenmerken bouw  
 Tabel: 282 Brown Swiss, basis R: Exterieurkenmerken beenwerk  
 Tabel: 283 Brown Swiss, basis R: Exterieurkenmerken uier  
 Tabel: 284 Brown Swiss, basis R: Exterieurkenmerken bovenbalk  
 Tabel: 285 Brown Swiss, basis R: Vruchtbaarheidskenmerken  
 Tabel: 286 Brown Swiss, basis R: Gebruikskkenmerken  
 Tabel: 287 Brown Swiss, basis R: NVI met onderliggende kenmerken  
 Tabel: 288 Brown Swiss, basis R: Klauwgezondheidskenmerken  
 Tabel: 289 Brown Swiss, basis R: Levensvatbaarheidskenmerken  
 Tabel: 290 Brown Swiss, basis R: Geboortekenmerken  
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 Tabel: 293 Brown Swiss, basis R: Levensproductiekenmerken  
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 Tabel: 295 Brown Swiss, basis R: Overige productie en efficiency kenm.  
 Tabel: 296 Brown Swiss, basis R: Stofwisselingsaandoeningen  
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 Tabel: 298 Zweeds Roodbont, basis R: Melkproductiekenmerken  
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 Tabel: 300 Zweeds Roodbont, basis R: Gebruikskkenmerken  
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 Tabel: 302 Zweeds Roodbont, basis R: Levensvatbaarheidskenmerken  
 Tabel: 303 Zweeds Roodbont, basis R: Geboortekenmerken  
 Tabel: 304 Zweeds Roodbont, basis R: Vleeskenmerken  
 Tabel: 305 Zweeds Roodbont, basis R: Kalvervitaliteit  
 Tabel: 306 Zweeds Roodbont, basis R: Levensproductiekenmerken

Tabel: 307 Zweeds Roodbont, basis R: Overige productie en efficiency kenm.  
Tabel: 308 Zweeds Roodbont, basis R: Stofwisselingsaandoeningen  
Tabel: 309 Angler, basis R: Melkproductiekenmerken  
Tabel: 310 Angler, basis R: Vruchtbaarheidskenmerken  
Tabel: 311 Angler, basis R: NVI met onderliggende kenmerken  
Tabel: 312 Angler, basis R: Levensproductiekenmerken  
Tabel: 313 Angler, basis R: Overige productie en efficiency kenm.  
Tabel: 314 Angler, basis R: Stofwisselingsaandoeningen  
Tabel: 315 Montbéliard, basis R: Melkproductiekenmerken  
Tabel: 316 Montbéliard, basis R: Exterieurkenmerken bouw  
Tabel: 317 Montbéliard, basis R: Exterieurkenmerken beenwerk  
Tabel: 318 Montbéliard, basis R: Exterieurkenmerken uier  
Tabel: 319 Montbéliard, basis R: Exterieurkenmerken bovenbalk  
Tabel: 320 Montbéliard, basis R: Vruchtbaarheidskenmerken  
Tabel: 321 Montbéliard, basis R: Gebruikskkenmerken  
Tabel: 322 Montbéliard, basis R: NVI met onderliggende kenmerken  
Tabel: 323 Montbéliard, basis R: Klauwgezondheidskenmerken  
Tabel: 324 Montbéliard, basis R: Levensvatbaarheidskenmerken  
Tabel: 325 Montbéliard, basis R: Geboortekenmerken  
Tabel: 326 Montbéliard, basis R: Vleeskenmerken  
Tabel: 327 Montbéliard, basis R: Kalvervitaliteit  
Tabel: 328 Montbéliard, basis R: Levensproductiekenmerken  
Tabel: 329 Montbéliard, basis R: Robot / AMS kenmerken  
Tabel: 330 Montbéliard, basis R: Overige productie en efficiency kenm.  
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Tabel: 332 Montbéliard, basis R: Reproductiestoornissen  
Tabel: 333 Piemontese, basis Y: Vruchtbaarheidskenmerken  
Tabel: 334 Piemontese, basis Y: Geboortekenmerken  
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Tabel: 337 Blonde d'Aquitaine, basis Y: Geboortekenmerken  
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Tabel: 340 Normande, basis R: Melkproductiekenmerken  
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Tabel: 342 Normande, basis R: NVI met onderliggende kenmerken  
Tabel: 343 Normande, basis R: Levensproductiekenmerken  
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Tabel: 346 KRB, basis Y: Melkproductiekenmerken  
Tabel: 347 KRB, basis Y: Vruchtbaarheidskenmerken  
Tabel: 348 KRB, basis Y: NVI met onderliggende kenmerken  
Tabel: 349 KRB, basis Y: Levensproductiekenmerken  
Tabel: 350 KRB, basis Y: Overige productie en efficiency kenm.  
Tabel: 351 KRB, basis Y: Stofwisselingsaandoeningen

Genetische trend van koeien in Nederland

Tabel: 1 Holstein Friesian - zwartbont: Melkproductiekenmerken

Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	2663	-2834.1	-102.9	-105.4	-128.9	30.0	-10.8	0.8	-762.0
1981	3241	-2740.6	-100.6	-103.5	-124.7	26.9	-12.8	0.8	-746.7
1982	3640	-2644.5	-95.7	-100.0	-120.3	27.8	-12.3	0.8	-717.2
1983	5279	-2581.4	-91.6	-98.5	-117.4	29.7	-13.4	0.7	-698.6
1984	8137	-2570.5	-89.6	-97.8	-116.9	32.3	-12.7	0.8	-689.4
1985	12769	-2593.7	-88.3	-96.7	-117.9	36.1	-9.7	0.8	-681.1
1986	20531	-2575.1	-86.3	-94.4	-117.1	38.3	-7.0	0.8	-665.1
1987	34871	-2498.6	-84.0	-91.5	-113.6	36.3	-6.4	0.7	-645.3
1988	62510	-2420.4	-81.1	-88.5	-110.0	35.3	-5.8	0.7	-624.1
1989	92258	-2334.8	-77.0	-85.7	-106.1	35.4	-6.1	0.7	-599.9
1990	118805	-2235.6	-75.4	-82.9	-101.6	31.1	-6.9	0.7	-582.9
1991	132195	-2065.0	-70.4	-77.1	-93.8	26.9	-6.9	0.7	-542.7
1992	153735	-1919.6	-68.0	-73.0	-87.2	20.7	-8.3	0.7	-518.1
1993	182982	-1833.0	-66.1	-70.0	-83.2	18.0	-8.2	0.7	-499.2
1994	197636	-1714.4	-64.0	-66.4	-77.8	13.5	-8.8	0.7	-477.5
1995	235264	-1575.2	-58.6	-61.3	-71.4	12.6	-8.4	0.6	-439.7
1996	238185	-1478.3	-56.4	-57.8	-67.0	9.9	-8.0	0.6	-417.6
1997	238032	-1421.7	-52.7	-55.1	-64.4	11.4	-6.9	0.6	-395.0
1998	246593	-1359.5	-50.5	-52.6	-61.6	10.8	-6.5	0.6	-377.9
1999	251103	-1334.7	-47.9	-50.8	-60.5	12.8	-5.1	0.6	-362.2
2000	242213	-1203.9	-45.3	-47.3	-54.9	9.1	-6.3	0.1	-339.2
2001	246164	-1173.2	-44.2	-45.8	-56.3	8.6	-5.7	-3.4	-329.6
2002	231001	-1068.1	-44.0	-43.4	-52.4	3.1	-7.3	-4.5	-318.7
2003	231151	-1044.9	-41.7	-42.7	-52.2	4.6	-7.5	-5.6	-308.6
2004	233752	-971.3	-39.5	-39.6	-48.3	3.4	-6.8	-5.0	-288.7
2005	232352	-931.4	-38.6	-38.1	-46.3	2.3	-6.6	-4.7	-279.9
2006	248597	-840.6	-37.6	-34.8	-41.2	-1.3	-6.4	-3.5	-262.6
2007	238777	-765.8	-36.5	-32.3	-37.5	-3.7	-6.4	-3.1	-248.4
2008	249293	-730.0	-35.7	-31.0	-35.7	-4.7	-6.4	-2.9	-240.7
2009	243325	-681.4	-34.2	-29.2	-33.3	-5.4	-6.1	-2.6	-228.3
2010	239056	-642.3	-31.8	-27.2	-31.3	-4.4	-5.3	-2.4	-212.2
2011	240180	-591.3	-29.3	-25.0	-28.2	-4.0	-4.8	-1.4	-195.6
2012	244189	-566.3	-28.4	-23.6	-27.1	-4.1	-4.1	-1.5	-186.7
2013	257938	-525.9	-26.3	-21.7	-25.2	-3.6	-3.5	-1.4	-172.2
2014	256329	-444.0	-23.4	-19.0	-21.6	-4.2	-3.6	-1.6	-151.7
2015	235725	-355.5	-19.1	-15.7	-17.5	-3.6	-3.2	-1.5	-124.8
2016	214243	-261.3	-14.3	-11.5	-13.2	-2.5	-2.2	-1.5	-92.5
2017	196593	-165.4	-10.3	-7.7	-8.3	-2.5	-1.6	-1.0	-64.2
2018	192074	-76.0	-6.1	-3.7	-4.1	-1.9	-0.5	-0.8	-34.1
2019	195686	-33.8	-0.3	0.0	-2.4	2.5	2.0	-1.0	-0.8
2020	200375	33.6	4.4	3.2	1.1	4.6	2.9	-0.5	27.1
2021	189285	92.8	9.9	6.8	4.1	7.7	4.6	-0.1	59.0
2022	60617	141.5	14.2	9.9	6.4	10.0	6.1	-0.1	85.3

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 2 Holstein Friesian - zwartbont: Exterieurkenmerken bouw  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	2967	85.3	90.1	84.6	83.8	102.8	97.2	93.0
1981	3531	86.1	90.8	85.9	84.8	102.7	97.0	93.5
1982	4003	86.7	91.3	87.1	85.9	102.3	96.3	93.3
1983	5874	86.6	92.0	87.4	85.9	102.3	96.1	93.5
1984	8388	86.6	92.6	88.1	86.5	102.5	96.0	93.7
1985	12316	86.6	93.0	88.3	86.6	102.5	95.8	93.8
1986	18223	86.7	93.5	88.8	86.9	102.5	95.4	93.7
1987	27416	87.1	93.5	89.4	87.4	102.0	95.4	94.6
1988	41785	87.2	93.8	90.1	87.9	101.8	95.4	95.1
1989	57129	87.6	93.8	90.5	88.2	101.3	95.8	95.2
1990	73154	87.9	93.4	90.8	88.5	100.8	96.4	95.2
1991	82492	88.6	94.3	91.3	89.2	100.6	96.3	95.0
1992	98062	89.1	94.8	91.9	89.7	100.4	96.6	95.3
1993	110651	89.3	94.4	91.7	89.6	100.0	96.6	95.4
1994	116501	89.6	94.4	92.3	90.4	99.5	97.1	95.8
1995	137912	89.8	94.1	92.2	90.6	99.2	96.8	95.1
1996	139592	90.0	94.6	92.7	91.2	99.1	97.0	94.9
1997	139293	90.6	94.7	93.1	91.8	98.9	97.3	95.1
1998	143330	90.8	95.0	93.4	91.9	99.0	97.2	95.1
1999	144980	91.2	95.0	93.7	92.4	98.8	97.7	95.3
2000	141851	91.8	95.2	94.2	92.8	98.4	98.2	96.0
2001	141662	92.1	95.0	94.2	93.0	98.4	98.0	95.9
2002	134711	92.5	95.1	94.5	93.6	98.2	98.4	95.9
2003	136641	92.9	95.4	95.1	94.1	98.0	98.6	96.2
2004	138562	93.3	95.6	95.1	94.1	98.1	99.0	96.3
2005	136184	93.9	95.8	95.5	94.5	97.9	99.3	96.6
2006	140315	94.5	96.6	96.2	94.8	98.4	99.4	97.2
2007	131130	94.8	96.9	96.6	95.2	98.6	99.6	97.6
2008	134125	95.1	97.2	96.8	95.4	98.7	99.6	98.1
2009	132849	95.3	97.3	96.9	95.5	99.0	99.5	98.2
2010	130475	95.6	97.6	97.1	95.7	99.3	99.3	98.2
2011	127847	96.1	98.2	97.4	96.0	99.8	99.2	98.4
2012	125827	96.7	98.4	97.8	96.4	100.0	99.2	98.5
2013	128440	97.0	98.4	98.0	96.9	99.9	99.3	98.6
2014	124658	97.7	98.8	98.4	97.6	99.9	99.7	98.7
2015	113515	98.0	99.0	98.7	97.9	100.2	99.7	98.8
2016	103541	98.2	99.3	98.8	98.2	100.4	99.5	99.1
2017	93785	99.0	99.5	99.1	98.6	100.4	99.4	99.5
2018	88946	99.6	99.8	99.5	99.4	100.3	99.6	99.7
2019	86690	99.8	99.9	99.8	99.8	100.0	100.0	99.9
2020	85652	100.1	100.5	100.2	100.2	100.6	100.0	100.1
2021	72682	100.5	101.1	100.6	100.5	100.9	100.0	100.4
2022	11006	100.8	101.2	100.9	101.1	100.8	100.2	100.8

Tabel: 3 Holstein Friesian - zwartbont: Exterieurkenmerken beenwerk  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	2967	87.2	103.8	95.3	91.0	86.5
1981	3531	88.8	103.2	95.8	91.2	87.5
1982	4003	89.5	103.6	95.6	91.9	88.2
1983	5874	90.1	103.9	95.5	92.7	88.7
1984	8388	90.0	103.9	95.7	93.3	88.6
1985	12316	90.3	103.8	95.7	93.8	88.8
1986	18223	90.7	103.7	95.6	94.2	89.2
1987	27416	90.9	104.0	95.4	94.0	89.3
1988	41785	91.1	104.5	95.1	94.2	89.3
1989	57129	91.4	104.5	95.2	94.5	89.6
1990	73154	91.1	104.4	94.9	94.4	89.6
1991	82492	91.4	104.5	94.8	94.9	90.3
1992	98062	91.6	104.6	94.6	95.1	90.7
1993	110651	92.0	104.2	94.9	95.1	90.9
1994	116501	92.2	104.0	95.3	95.0	91.2
1995	137912	92.5	103.9	95.3	95.0	91.9
1996	139592	92.5	104.0	95.2	95.3	92.1
1997	139293	92.7	104.0	94.9	95.6	92.6
1998	143330	92.7	104.0	95.1	95.5	92.7
1999	144980	92.8	104.1	95.0	95.4	92.8
2000	141851	93.0	103.8	95.0	95.1	92.9
2001	141662	93.2	103.4	95.3	95.2	93.3
2002	134711	93.4	103.2	95.4	95.3	93.7
2003	136641	94.0	103.6	95.2	96.0	94.0
2004	138562	94.1	103.1	96.0	96.1	94.2
2005	136184	94.5	103.2	96.2	95.9	94.5
2006	140315	94.6	102.4	96.8	95.6	94.7
2007	131130	94.8	101.9	97.2	95.8	94.9
2008	134125	95.0	101.8	97.5	95.9	95.2
2009	132849	95.1	101.5	97.8	96.1	95.3
2010	130475	95.3	101.3	98.0	96.6	95.5
2011	127847	95.4	101.0	98.2	96.9	95.5
2012	125827	95.7	100.9	98.3	97.2	95.9
2013	128440	96.1	101.1	98.2	97.5	96.3
2014	124658	96.9	101.0	98.2	97.9	96.9
2015	113515	97.5	100.7	98.6	98.2	97.4
2016	103541	98.4	100.6	99.0	98.8	98.2
2017	93785	98.8	100.4	99.4	99.0	98.5
2018	88946	99.3	100.3	99.9	99.6	99.2
2019	86690	100.0	100.0	100.0	100.0	100.0
2020	85652	100.5	99.7	100.4	100.6	100.6
2021	72682	101.2	99.6	100.4	101.4	101.4
2022	11006	101.9	99.8	100.2	101.7	102.2

Tabel: 4 Holstein Friesian - zwartbont: Exterieurkenmerken uier  
 Basis: Melkdoel zwart  
 Land: NL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1980 93.0	2967	90.1	87.7	100.2	91.8	85.6	90.0	89.3
1981 93.4	3531	89.7	88.1	100.4	91.8	85.7	90.4	89.7
1982 93.1	4003	90.2	88.4	100.2	91.9	86.1	90.8	90.3
1983 92.9	5874	90.1	88.3	100.3	91.7	85.9	90.8	90.0
1984 92.8	8388	89.6	87.9	100.4	91.1	86.0	90.6	89.8
1985 92.7	12316	89.6	87.5	100.4	91.2	86.3	90.5	89.4
1986 92.7	18223	89.5	87.5	100.4	91.0	86.6	90.7	89.6
1987 92.3	27416	89.4	88.0	100.2	90.5	86.9	91.3	90.1
1988 92.0	41785	89.3	88.4	100.3	90.0	86.9	91.5	90.4
1989 92.2	57129	89.6	89.1	100.2	90.3	87.2	92.0	90.9
1990 92.3	73154	89.7	89.6	99.9	90.4	87.2	92.5	91.5
1991 93.1	82492	89.9	89.7	100.7	90.6	88.3	92.9	91.8
1992 93.8	98062	90.0	90.1	101.0	90.6	88.8	93.5	92.4
1993 94.1	110651	89.5	90.0	100.9	90.5	89.0	93.8	92.7
1994 94.4	116501	89.7	90.7	101.0	90.4	89.1	93.9	93.5
1995 94.8	137912	89.8	90.8	101.7	90.4	89.8	94.1	93.7
1996 95.1	139592	90.1	91.1	101.6	90.5	89.9	94.4	94.1
1997 95.2	139293	90.7	91.0	101.5	90.8	90.4	94.7	94.3
1998 95.3	143330	90.8	91.3	101.4	90.8	90.4	94.7	94.5
1999 95.5	144980	91.0	91.6	101.4	91.0	90.8	94.9	94.7



2000	141851	91.0	92.4	101.1	91.1	91.1	95.2	95.3
95.7								
2001	141662	91.2	92.7	101.4	91.3	91.6	95.0	95.4
96.3								
2002	134711	91.5	93.4	101.4	91.5	91.7	95.1	95.4
96.7								
2003	136641	92.2	93.6	101.1	91.9	92.1	95.7	96.1
97.0								
2004	138562	92.6	93.8	101.4	92.2	92.8	96.2	96.7
97.3								
2005	136184	92.8	94.4	101.3	92.4	93.0	96.5	97.3
97.4								
2006	140315	93.2	95.2	101.3	92.9	93.3	96.8	97.5
97.8								
2007	131130	93.6	95.5	101.2	93.2	93.6	96.9	97.7
97.8								
2008	134125	93.9	95.9	100.9	93.5	94.0	97.4	98.1
97.9								
2009	132849	94.2	95.8	100.7	93.9	94.1	97.4	97.9
98.3								
2010	130475	94.5	96.2	100.3	94.3	94.3	97.6	98.1
98.0								
2011	127847	94.9	97.0	99.9	94.8	94.5	97.7	98.3
97.5								
2012	125827	95.5	97.4	99.8	95.5	95.1	97.9	98.6
97.7								
2013	128440	95.8	97.5	99.9	95.8	95.4	98.0	98.8
97.8								
2014	124658	96.2	97.9	100.1	96.4	96.3	98.4	99.2
98.4								
2015	113515	96.8	98.4	100.2	96.9	96.9	98.9	99.5
98.9								
2016	103541	97.3	98.8	100.2	97.3	97.4	98.9	99.6
99.0								
2017	93785	98.1	99.1	100.3	98.2	98.1	99.1	99.6
99.1								
2018	88946	99.1	99.6	100.2	99.2	99.1	99.6	99.9
99.6								
2019	86690	99.9	99.9	100.0	99.8	99.8	99.9	99.9
100.1								
2020	85652	100.7	100.3	100.0	100.6	100.4	100.2	100.1
100.3								
2021	72682	101.6	100.4	99.9	101.5	100.9	100.3	100.2
100.7								
2022	11006	101.9	100.4	100.1	101.9	101.2	100.5	100.4
101.1								

Tabel: 5 Holstein Friesian - zwartbont: Exterieurkenmerken bovenbalk  
Basis: Melkdoel zwart

Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2967	83.9	85.1	85.6	85.5	0.0	77.6
1981	3531	84.9	86.1	85.5	86.7	0.0	78.7
1982	4003	85.5	86.8	86.0	87.3	0.0	79.6
1983	5874	85.5	87.2	85.8	87.8	0.0	79.7
1984	8388	85.8	88.1	85.5	87.7	0.0	79.7
1985	12316	85.8	88.3	85.6	88.0	0.0	80.0
1986	18223	85.8	88.8	85.7	88.3	0.0	80.3
1987	27416	86.7	89.2	85.9	88.4	0.0	80.8
1988	41785	87.2	89.8	85.9	88.3	0.0	81.0
1989	57129	87.8	89.8	86.3	88.7	0.0	81.5
1990	73154	88.4	89.6	86.5	88.6	0.0	81.8
1991	82492	89.0	90.3	87.2	89.1	0.0	82.7
1992	98062	89.8	90.9	87.6	89.4	0.0	83.4
1993	110651	89.8	90.5	87.5	89.8	0.0	83.5
1994	116501	90.6	90.9	87.5	90.1	0.0	84.0
1995	137912	90.4	90.7	87.9	90.8	0.0	84.4
1996	139592	90.8	91.2	88.2	90.9	0.0	84.9
1997	139293	91.6	91.7	88.7	91.3	0.0	85.7
1998	143330	91.8	92.0	88.8	91.4	0.0	85.8
1999	144980	92.5	92.3	89.1	91.4	0.0	86.2
2000	141851	93.6	92.7	89.3	91.6	0.0	86.8
2001	141662	93.7	92.8	89.6	92.0	0.0	87.3
2002	134711	94.2	93.0	89.9	92.4	0.0	87.8
2003	136641	94.9	93.6	90.5	92.8	0.0	88.6
2004	138562	95.2	93.6	91.0	93.1	0.0	89.2
2005	136184	96.0	94.0	91.3	93.5	0.0	89.8
2006	140315	96.8	94.9	91.8	93.8	0.0	90.6
2007	131130	97.3	95.4	92.1	94.1	0.0	91.2
2008	134125	97.6	95.8	92.6	94.4	0.0	91.7
2009	132849	97.8	96.1	92.9	94.5	0.0	92.1
2010	130475	98.0	96.5	93.2	94.7	0.0	92.5
2011	127847	98.3	97.1	93.6	94.8	0.0	92.9
2012	125827	98.7	97.6	94.3	95.2	0.0	93.7
2013	128440	98.9	97.9	94.7	95.5	0.0	94.2
2014	124658	99.5	98.4	95.4	96.2	0.0	95.2
2015	113515	99.6	98.9	96.1	96.8	0.0	95.9
2016	103541	99.6	99.2	96.7	97.6	0.0	96.8
2017	93785	99.9	99.6	97.6	98.0	0.0	97.6
2018	88946	100.3	100.0	98.8	98.7	0.0	98.8
2019	86690	100.6	100.1	99.7	99.4	0.0	99.7
2020	85652	100.8	100.7	100.6	100.1	0.0	100.7
2021	72682	101.2	101.2	101.3	100.8	0.0	101.7
2022	11006	101.6	101.5	101.7	101.6	0.0	102.5

Tabel: 6 Holstein Friesian - zwartbont: Vruchtbaarheidskenmerken

Basis: Melkdoel zwart  
Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	4087	103.2	101.2	100.0	100.8	98.9	98.9	83.7	100.7
99.7									
1981	4981	102.6	101.1	99.8	100.4	98.7	99.7	85.3	100.4
99.6									
1982	5724	102.2	100.6	99.2	99.7	98.2	99.0	85.4	99.8
99.0									
1983	8462	102.0	100.5	99.0	99.7	98.1	98.9	86.0	99.7
98.9									
1984	12449	102.1	100.5	99.1	99.7	98.3	99.0	85.9	99.7
99.0									
1985	18485	102.3	100.4	99.1	99.7	98.5	99.0	85.6	99.7
99.0									
1986	28633	102.1	100.1	98.9	99.4	98.3	98.5	85.9	99.4
98.7									
1987	47023	102.2	100.1	98.8	99.4	98.3	99.7	86.6	99.3
98.9									
1988	75118	102.2	99.5	98.4	98.8	98.1	99.7	86.8	98.7
98.6									
1989	107941	101.9	99.1	98.1	98.5	97.7	99.0	87.7	98.3
98.1									
1990	140870	101.7	99.0	98.1	98.5	97.7	99.0	88.2	98.3
98.1									
1991	163724	101.3	98.5	97.4	97.8	97.1	99.1	88.9	97.6
97.5									
1992	188026	101.0	98.4	97.2	97.6	96.9	99.4	89.6	97.4
97.4									
1993	223768	101.3	97.8	97.1	97.2	97.0	99.4	89.8	97.1
97.3									
1994	249080	101.0	97.5	97.0	96.9	96.9	99.1	90.4	96.8
97.1									
1995	283176	100.9	96.8	96.5	96.2	96.6	98.9	90.7	96.2
96.6									
1996	289020	100.4	96.9	96.4	96.1	96.4	98.8	91.1	96.2
96.5									
1997	288755	100.0	96.8	96.2	96.0	96.2	98.4	91.5	96.0
96.2									
1998	300124	99.6	96.8	95.8	95.7	95.7	98.3	92.1	95.7
95.9									
1999	293288	99.8	96.3	95.7	95.3	95.7	98.3	92.2	95.4
95.7									
2000	283358	99.3	96.3	95.4	95.1	95.3	97.8	92.8	95.2
95.4									

2001	286090	99.4	96.2	95.5	95.1	95.5	98.0	93.2	95.3
95.5									
2002	274324	99.2	96.5	95.6	95.3	95.5	98.1	93.7	95.5
95.7									
2003	278207	99.4	96.2	95.7	95.3	95.7	98.4	93.8	95.4
95.8									
2004	276556	99.0	96.2	95.5	95.1	95.5	98.3	94.2	95.3
95.6									
2005	266975	98.9	96.3	95.4	95.1	95.4	98.3	94.4	95.2
95.5									
2006	274661	98.2	96.6	95.1	95.0	94.9	97.4	94.9	95.2
95.1									
2007	274362	98.2	96.6	95.0	95.0	94.9	97.4	95.4	95.1
95.1									
2008	293352	98.2	96.7	95.2	95.2	95.0	97.5	95.6	95.3
95.2									
2009	288197	98.6	96.9	95.6	95.6	95.5	97.9	96.1	95.7
95.7									
2010	275807	98.9	97.0	96.0	95.9	95.9	98.1	96.3	96.0
96.0									
2011	273761	99.1	97.5	96.4	96.4	96.3	98.0	96.4	96.5
96.4									
2012	279379	99.1	98.0	96.8	97.0	96.7	98.3	96.7	97.0
96.9									
2013	291981	99.2	98.4	97.3	97.4	97.2	98.5	97.1	97.5
97.3									
2014	295586	99.2	98.8	97.7	97.9	97.6	98.8	97.7	98.0
97.8									
2015	288757	99.2	98.9	97.9	98.1	97.8	99.0	98.1	98.2
98.0									
2016	262514	99.6	99.1	98.5	98.5	98.5	99.2	98.5	98.6
98.5									
2017	228696	99.9	99.2	99.0	98.9	99.0	99.4	99.1	99.0
99.0									
2018	218938	100.1	99.6	99.6	99.4	99.6	99.7	99.4	99.5
99.6									
2019	226561	100.0	100.0	99.9	99.9	99.9	99.9	99.6	100.0
99.9									
2020	231214	100.1	100.1	100.1	100.1	100.2	99.9	99.9	100.1
100.1									
2021	219630	99.8	100.4	100.3	100.4	100.2	99.8	100.4	100.4
100.2									
2022	156177	99.8	100.6	100.6	100.7	100.6	100.0	100.7	100.7
100.6									
2023	2317	99.8	100.4	100.7	100.6	100.7	100.0	101.0	100.6
100.6									

Tabel: 7 Holstein Friesian - zwartbont: Gebruikskennmerken

Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1678	97.7	94.1	95.1	99.0	103.8
1981	2013	97.8	94.1	94.4	98.2	102.9
1982	2275	97.9	94.2	94.2	97.8	102.6
1983	3104	97.9	94.1	94.1	97.9	102.6
1984	4543	98.2	94.4	94.0	97.7	102.4
1985	6351	98.4	94.2	94.0	97.6	102.4
1986	9685	98.5	94.2	93.8	97.4	102.1
1987	15418	98.6	94.4	93.5	97.1	101.6
1988	24292	98.5	94.4	93.2	96.6	101.1
1989	36631	99.0	94.4	92.9	96.1	100.6
1990	50781	99.0	94.4	92.9	96.0	100.3
1991	67534	98.7	93.4	92.4	95.1	99.5
1992	96708	98.5	93.9	92.4	94.9	99.2
1993	108835	98.5	94.3	92.6	95.0	99.1
1994	114556	98.7	94.9	92.5	94.7	99.0
1995	135209	98.9	94.4	92.2	94.1	98.4
1996	135696	99.1	94.2	92.4	94.4	98.1
1997	134723	98.8	94.2	92.7	94.7	98.1
1998	138276	98.9	94.0	92.5	94.2	97.6
1999	138789	98.9	94.5	92.7	94.2	97.5
2000	136511	99.0	95.0	92.8	94.2	97.3
2001	136565	99.2	95.5	92.8	93.9	97.0
2002	130255	99.4	95.6	92.8	93.9	96.6
2003	131566	99.5	95.9	93.1	94.1	96.8
2004	133423	99.2	95.5	93.3	94.3	97.0
2005	129745	99.3	96.1	93.3	94.0	96.8
2006	133626	99.5	96.6	93.8	94.5	97.2
2007	125067	99.7	97.1	93.9	94.4	97.1
2008	127813	99.8	97.5	94.1	94.6	97.1
2009	126668	99.8	97.3	94.4	94.8	97.2
2010	124017	99.9	97.6	94.6	95.0	97.3
2011	123440	100.1	97.9	95.2	95.6	97.6
2012	123293	100.1	97.9	95.7	96.0	97.9
2013	126616	100.2	98.1	96.1	96.4	98.1
2014	124284	100.0	98.3	96.7	97.1	98.5
2015	113554	99.8	98.6	97.4	97.8	98.9
2016	103689	99.6	99.0	98.0	98.3	99.2
2017	94429	99.4	99.1	98.7	99.1	99.7
2018	89692	99.9	99.5	99.3	99.4	99.8
2019	88946	100.0	100.0	99.8	99.9	100.0
2020	88212	99.6	100.2	100.4	100.4	100.3
2021	67447	99.3	100.4	101.1	101.1	100.6
2022	9432	99.5	100.7	101.3	101.4	100.8

Tabel: 8 Holstein Friesian - zwartbont: NVI met onderliggende kenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	2663	-324.1	-762.0	-340.3	102.0	99.7	85.6	85.5	95.6
0.0									
1981	3241	-324.9	-746.7	-359.8	101.0	99.6	85.5	86.7	95.9
0.0									
1982	3640	-324.7	-717.2	-394.7	100.6	99.0	86.0	87.3	95.8
0.0									
1983	5279	-323.6	-698.6	-451.2	100.7	98.9	85.8	87.8	96.2
0.0									
1984	8137	-331.4	-689.4	-558.6	100.4	99.0	85.5	87.7	96.1
0.0									
1985	12769	-274.6	-681.1	-627.4	100.4	99.0	85.6	88.0	96.1
270.7									
1986	20531	-282.1	-665.1	-680.7	100.1	98.7	85.7	88.3	95.8
247.1									
1987	34871	-287.0	-645.3	-726.5	99.6	98.9	85.9	88.4	95.6
215.9									
1988	62510	-292.0	-624.1	-754.2	99.1	98.6	85.9	88.3	95.7
187.7									
1989	92258	-290.5	-599.9	-748.7	98.5	98.1	86.3	88.7	95.6
177.6									
1990	118805	-286.2	-582.9	-731.2	98.2	98.1	86.5	88.6	95.6
176.3									
1991	132195	-280.8	-542.7	-699.6	97.3	97.5	87.2	89.1	95.7
164.7									
1992	153735	-276.2	-518.1	-669.8	97.0	97.4	87.6	89.4	95.8
155.3									
1993	182982	-271.2	-499.2	-660.6	97.0	97.3	87.5	89.8	96.2
155.8									
1994	197636	-266.9	-477.5	-639.8	96.8	97.1	87.5	90.1	96.3
152.5									
1995	235264	-256.2	-439.7	-578.2	96.2	96.6	87.9	90.8	96.2
153.4									
1996	238185	-248.9	-417.6	-544.5	96.1	96.5	88.2	90.9	96.1
145.5									
1997	238032	-241.9	-395.0	-531.6	96.2	96.2	88.7	91.3	96.0
140.8									
1998	246593	-243.7	-377.9	-536.2	95.7	95.9	88.8	91.4	95.9
135.8									
1999	251103	-241.5	-362.2	-534.8	95.6	95.7	89.1	91.4	95.5
133.0									
2000	242213	-235.0	-339.2	-509.5	95.5	95.4	89.3	91.6	95.7
125.5									

2001	246164	-230.9	-329.6	-492.1	95.2	95.5	89.6	92.0	95.6
122.3									
2002	231001	-225.0	-318.7	-468.7	94.9	95.7	89.9	92.4	95.8
117.6									
2003	231151	-219.2	-308.6	-465.6	95.1	95.8	90.5	92.8	95.9
111.4									
2004	233752	-210.5	-288.7	-439.8	95.4	95.6	91.0	93.1	96.0
106.7									
2005	232352	-208.2	-279.9	-433.8	95.1	95.5	91.3	93.5	96.1
101.0									
2006	248597	-202.5	-262.6	-417.6	95.6	95.1	91.8	93.8	96.2
86.2									
2007	238777	-197.3	-248.4	-395.3	95.5	95.1	92.1	94.1	95.9
78.0									
2008	249293	-191.9	-240.7	-382.8	95.6	95.2	92.6	94.4	96.1
71.8									
2009	243325	-180.9	-228.3	-354.7	95.8	95.7	92.9	94.5	96.3
66.1									
2010	239056	-172.1	-212.2	-340.4	95.9	96.0	93.2	94.7	96.3
60.1									
2011	240180	-158.8	-195.6	-306.4	96.4	96.4	93.6	94.8	96.6
50.2									
2012	244189	-146.4	-186.7	-280.8	96.7	96.9	94.3	95.2	96.8
42.8									
2013	257938	-132.9	-172.2	-251.0	97.0	97.3	94.7	95.5	97.1
40.0									
2014	256329	-113.5	-151.7	-215.7	97.7	97.8	95.4	96.2	97.6
32.2									
2015	235725	-95.4	-124.8	-180.2	98.3	98.0	96.1	96.8	97.9
25.6									
2016	214243	-72.2	-92.5	-132.5	98.7	98.5	96.7	97.6	98.4
19.5									
2017	196593	-50.2	-64.2	-84.8	99.4	99.0	97.6	98.0	99.0
13.9									
2018	192074	-26.6	-34.1	-38.8	99.6	99.6	98.8	98.7	99.5
9.7									
2019	195686	-4.0	-0.8	2.3	100.0	99.9	99.7	99.4	99.8
8.4									
2020	200375	14.8	27.1	49.5	100.4	100.1	100.6	100.1	100.1
0.9									
2021	189285	35.2	59.0	93.5	100.9	100.2	101.3	100.8	100.3
-5.5									
2022	60617	52.3	85.3	102.6	101.2	100.6	101.7	101.6	100.6
0.6									

Tabel: 9 Holstein Friesian - zwartbont: Klauwgezondheidskenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	145	92.4	94.5	97.7	96.1	91.3	94.9	94.2
1981	285	92.6	94.8	97.7	95.8	92.1	94.9	94.3
1982	426	92.5	94.5	97.8	95.8	92.0	95.1	93.8
1983	516	93.5	94.8	98.4	97.6	92.5	95.8	93.6
1984	829	93.5	94.3	98.8	98.1	91.8	95.8	93.4
1985	1230	94.3	95.1	99.0	98.6	92.8	96.5	93.7
1986	2416	94.0	94.9	98.7	98.1	92.6	96.5	93.9
1987	4938	93.6	94.3	98.8	97.9	92.2	96.3	93.4
1988	9025	93.6	94.0	99.2	98.3	91.6	96.2	93.0
1989	14612	94.2	94.0	99.8	99.2	91.5	96.7	92.7
1990	22503	94.5	93.9	100.2	99.6	91.5	96.6	92.6
1991	26657	95.1	94.3	100.4	100.0	92.0	96.7	93.4
1992	34035	95.1	94.3	100.5	99.8	91.8	96.7	93.7
1993	43631	94.3	94.0	99.8	98.9	91.3	96.3	93.5
1994	48655	94.2	93.9	100.1	98.3	91.7	96.4	93.1
1995	92001	94.4	94.8	99.8	97.8	92.7	95.8	93.5
1996	74262	94.6	95.1	99.8	97.9	92.9	95.7	93.7
1997	104589	94.5	95.2	99.8	97.8	92.8	95.5	93.7
1998	130171	94.3	94.9	99.8	97.9	92.6	95.4	93.3
1999	135454	94.1	94.9	99.6	97.8	92.3	95.4	93.3
2000	133689	94.3	95.4	99.6	97.4	92.7	95.4	93.5
2001	135257	94.4	95.7	99.4	97.4	92.9	95.6	93.8
2002	131366	94.6	96.0	99.4	97.5	93.1	95.7	93.9
2003	135773	94.4	95.9	99.2	97.6	93.1	95.5	94.0
2004	139302	94.4	95.6	99.1	97.7	93.3	95.5	94.0
2005	136804	94.5	95.5	99.2	97.8	93.5	95.9	94.0
2006	141596	94.8	96.2	99.0	97.9	94.0	96.2	94.3
2007	133970	95.0	96.7	98.7	97.8	94.6	96.2	94.7
2008	137691	95.0	96.9	98.5	97.7	94.8	96.2	95.0
2009	137615	95.3	97.1	98.6	97.8	95.2	96.3	95.5
2010	134696	95.4	97.2	98.4	97.7	95.7	96.3	95.8
2011	132537	96.0	97.7	98.5	98.1	96.3	96.3	96.4
2012	131169	96.5	98.1	98.7	98.5	96.8	96.5	96.8
2013	134921	96.7	98.1	98.8	98.6	96.9	96.9	97.0
2014	131972	97.3	98.4	99.1	99.0	97.4	97.5	97.5
2015	120489	97.7	98.8	99.0	99.1	98.0	97.7	98.0
2016	110294	98.1	99.0	99.1	99.4	98.5	98.2	98.4
2017	100301	98.5	99.2	99.2	99.5	99.0	98.7	98.7
2018	95061	99.3	99.6	99.6	99.7	99.6	99.5	99.5
2019	92028	100.0	100.0	100.0	100.1	100.0	100.0	100.0
2020	90927	100.6	100.2	100.3	100.4	100.4	100.5	100.4
2021	77756	101.2	100.5	100.7	100.6	100.8	101.0	100.8
2022	12685	101.7	100.5	101.1	101.0	101.1	101.4	101.1

Tabel: 10 Holstein Friesian - zwartbont: Levensvatbaarheidskenmerken  
Basis: Melkdoel zwart



Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1453	96.9	97.4	96.9	97.4	94.6	98.0
1981	1889	96.7	97.8	96.7	97.8	94.4	98.3
1982	2338	96.2	98.2	96.2	98.2	93.7	98.5
1983	3595	96.6	98.3	96.6	98.3	93.9	98.8
1984	5612	96.4	98.3	96.4	98.3	93.8	98.6
1985	8678	96.3	98.4	96.3	98.4	93.7	98.7
1986	14008	96.1	98.2	96.1	98.2	93.6	98.6
1987	23805	95.8	98.2	95.8	98.2	93.5	98.7
1988	40413	95.7	98.3	95.7	98.3	93.7	98.8
1989	63216	95.9	98.1	95.9	98.1	94.0	98.6
1990	94918	96.1	98.1	96.1	98.1	94.4	98.5
1991	124930	96.3	98.1	96.3	98.1	94.6	98.5
1992	150560	96.3	98.2	96.3	98.2	94.7	98.6
1993	218511	97.0	98.2	97.0	98.2	95.1	98.9
1994	281523	97.3	98.0	97.3	98.0	95.2	98.7
1995	316454	97.7	97.7	97.7	97.7	95.5	98.3
1996	326653	97.6	97.6	97.6	97.6	95.5	98.2
1997	335437	97.3	97.5	97.3	97.5	95.0	98.0
1998	350720	97.6	97.2	97.6	97.2	95.5	97.6
1999	354866	97.1	97.0	97.1	97.0	95.0	97.5
2000	347969	97.2	97.2	97.2	97.2	95.1	97.8
2001	341950	97.4	97.0	97.4	97.0	95.3	97.9
2002	335523	97.9	96.8	97.9	96.8	96.2	97.9
2003	335683	97.8	97.0	97.8	97.0	96.3	97.7
2004	332438	97.9	97.0	97.9	97.0	96.4	97.7
2005	312245	98.0	97.1	98.0	97.1	96.4	97.9
2006	311749	98.2	97.1	98.2	97.1	96.6	97.7
2007	309617	97.9	96.9	97.9	96.9	96.6	97.6
2008	337247	97.7	97.2	97.7	97.2	96.8	97.6
2009	339112	97.7	97.4	97.7	97.4	97.1	97.8
2010	323238	97.8	97.4	97.8	97.4	97.6	97.6
2011	312703	98.0	97.5	98.0	97.5	98.2	97.5
2012	317683	98.3	97.5	98.3	97.5	98.6	97.6
2013	330440	98.4	97.8	98.4	97.8	98.8	97.9
2014	340329	99.0	98.1	99.0	98.1	99.4	98.2
2015	349537	99.1	98.2	99.1	98.2	99.4	98.4
2016	342564	99.4	98.6	99.4	98.6	99.7	98.8
2017	300242	99.6	99.1	99.6	99.1	99.9	99.2
2018	287569	99.8	99.5	99.8	99.5	100.2	99.7
2019	271507	100.0	99.9	100.0	99.9	100.3	99.9
2020	276995	100.1	100.1	100.1	100.1	100.4	100.1
2021	273582	100.4	100.1	100.4	100.1	100.5	100.2
2022	265597	100.6	100.3	100.6	100.3	100.5	100.3
2023	253601	100.9	100.5	100.9	100.5	100.6	100.5
2024	104710	101.0	100.7	101.0	100.7	100.6	100.7

Tabel: 11 Holstein Friesian - zwartbont: Geboortekenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1612	95.2	106.1	103.0	94.5	97.3	99.3
1981	2048	95.2	105.9	103.0	94.5	97.1	99.2
1982	2308	94.5	106.5	103.9	95.3	97.0	98.7
1983	3747	94.9	106.4	103.5	95.3	97.4	99.0
1984	5571	95.1	106.3	103.3	94.6	97.6	99.6
1985	7975	95.5	106.1	102.7	94.3	97.7	99.4
1986	12719	95.4	106.1	102.7	93.9	97.3	99.0
1987	20053	96.0	105.7	102.1	93.8	97.4	99.3
1988	32199	96.2	105.5	102.0	93.7	97.2	99.3
1989	45319	96.2	105.0	101.9	93.5	96.9	99.1
1990	60375	96.4	104.6	101.8	93.3	96.8	99.1
1991	75227	96.5	103.9	101.7	93.3	96.6	99.0
1992	89223	96.4	103.7	101.8	93.4	96.8	99.4
1993	100714	96.6	103.9	101.8	93.6	96.9	99.4
1994	112745	96.3	104.3	102.3	93.9	96.7	99.4
1995	133749	96.1	104.1	102.6	93.7	96.4	99.2
1996	137116	96.1	103.8	102.5	93.5	96.4	99.2
1997	134323	96.3	103.7	102.3	93.7	96.1	98.8
1998	139957	96.3	103.7	102.4	93.5	96.1	99.0
1999	143469	95.9	103.5	102.8	93.6	96.3	99.3
2000	143847	95.9	103.7	102.9	93.9	96.4	99.4
2001	146676	95.7	103.8	103.1	94.0	96.4	99.1
2002	142175	96.2	103.5	102.6	93.9	96.3	99.0
2003	150089	96.4	103.4	102.4	94.0	96.3	99.1
2004	159076	96.2	103.5	102.7	94.3	96.2	99.4
2005	165221	96.2	103.3	102.9	94.9	96.5	99.3
2006	177747	96.5	103.0	102.6	95.2	96.4	99.5
2007	197639	96.6	102.8	102.5	95.5	96.6	99.4
2008	218078	96.5	102.7	102.7	95.8	96.8	99.5
2009	235333	96.5	102.6	102.7	96.1	96.8	99.5
2010	229610	96.7	102.4	102.6	96.2	96.9	99.5
2011	227151	97.2	102.1	102.1	96.7	97.1	99.3
2012	227852	97.6	102.0	101.8	97.1	97.5	99.3
2013	244686	97.8	101.8	101.6	97.4	97.8	99.4
2014	255385	98.1	101.6	101.5	97.8	98.0	99.5
2015	250780	98.1	101.7	101.5	98.1	98.3	99.5
2016	235261	98.3	101.5	101.4	98.6	98.4	99.5
2017	202792	98.5	101.2	101.3	99.2	98.8	99.6
2018	188282	98.9	100.9	100.9	99.5	99.4	99.7
2019	171763	99.2	100.4	100.7	99.8	99.8	99.8
2020	166989	99.4	100.2	100.6	100.2	100.1	99.7
2021	147121	99.6	100.0	100.4	100.5	100.3	99.6
2022	108327	99.7	99.9	100.4	100.5	100.3	99.8
2023	84055	99.8	99.7	100.3	100.5	100.4	100.0

2024 33063 99.9 99.5 100.2 100.8 100.6 99.9

Tabel: 12 Holstein Friesian - zwartbont: Vleeskenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	1769	103.5	110.3	94.9	101.6	106.7	97.4	102.8	98.7	107.8
98.7	101.7									
1981	2235	103.8	109.3	95.3	101.6	106.8	97.3	103.5	98.3	107.4
98.9	101.9									
1982	2594	103.5	108.5	96.0	101.0	106.0	96.8	103.3	98.6	106.5
98.6	101.5									
1983	3777	103.8	109.0	95.7	101.2	106.6	96.9	103.4	98.6	107.1
98.5	101.9									
1984	5720	103.7	109.0	95.8	101.4	106.4	97.2	103.3	98.3	107.0
98.5	102.3									
1985	8430	103.4	109.1	95.8	101.3	106.1	97.5	103.1	98.2	107.0
98.6	102.5									
1986	13225	103.4	108.7	96.1	101.2	106.0	97.5	103.1	98.3	106.7
98.5	102.5									
1987	21462	103.4	108.4	96.9	100.8	106.2	97.6	103.1	98.4	106.5
98.7	102.1									
1988	35563	103.1	107.6	97.2	100.5	105.9	97.6	102.8	98.5	106.1
98.4	101.9									
1989	54280	102.9	106.8	97.6	100.2	105.5	97.6	102.7	98.4	105.7
98.4	101.6									
1990	80069	102.8	106.2	97.7	99.8	105.5	97.2	102.7	98.5	105.2
98.3	101.0									
1991	101913	102.6	105.7	98.6	100.2	104.6	98.0	102.5	98.7	104.7
98.9	101.5									
1992	134710	102.4	105.1	98.9	100.2	104.0	98.3	102.3	98.8	104.2
99.1	101.5									
1993	164896	102.3	104.7	99.3	100.0	103.7	98.6	102.1	99.1	104.2
99.1	101.4									
1994	183948	102.1	103.9	99.5	99.4	103.5	98.5	101.9	99.4	103.8
99.0	101.1									
1995	223571	101.7	103.6	99.5	99.3	102.9	98.8	101.3	99.6	103.6
99.0	100.9									
1996	241250	101.4	103.1	99.6	99.2	102.7	98.7	101.1	99.4	103.2
98.9	100.6									
1997	260754	101.3	102.7	99.9	99.1	102.5	98.7	101.1	99.5	103.0
99.2	100.4									
1998	259495	101.5	102.4	100.2	99.2	102.5	98.7	101.1	100.0	102.9
99.1	100.5									

1999	277302	101.2	102.2	100.4	99.3	102.0	98.9	100.8	100.1	102.6
	99.4	100.5								
2000	257800	101.0	101.8	100.3	99.3	101.7	99.3	100.6	100.2	102.3
	99.4	100.6								
2001	259056	100.8	101.8	100.2	99.3	101.3	99.6	100.3	100.3	102.1
	99.5	100.6								
2002	261978	100.6	101.4	100.5	99.2	101.3	99.7	100.1	100.3	101.9
	99.5	100.4								
2003	257122	100.5	100.9	100.5	99.1	100.9	99.7	100.1	100.3	101.5
	99.7	100.3								
2004	259211	100.7	100.8	100.4	99.2	101.0	99.6	100.3	100.3	101.4
	99.5	100.3								
2005	246930	100.5	100.5	100.6	99.2	100.7	100.1	100.2	100.4	101.1
	99.9	100.2								
2006	253942	100.3	100.5	100.5	99.7	100.5	100.2	100.0	100.3	100.9
	100.0	100.1								
2007	233625	100.1	100.3	100.4	99.7	100.2	100.3	99.9	100.3	100.6
	100.0	100.1								
2008	234396	100.0	100.1	100.4	99.8	100.1	100.3	99.8	100.2	100.5
	100.1	100.2								
2009	226354	99.9	100.3	100.2	99.9	99.8	100.4	99.8	100.1	100.4
	100.2	100.1								
2010	201502	100.1	100.3	99.8	99.9	100.0	100.0	100.1	100.0	100.4
	99.8	100.1								
2011	173378	100.3	100.3	99.6	100.0	100.2	99.6	100.4	99.7	100.4
	99.5	100.2								
2012	146287	100.3	100.1	99.7	100.0	100.2	99.4	100.7	99.5	100.1
	99.6	100.0								
2013	140474	100.1	99.6	100.0	99.7	99.9	99.5	100.6	99.2	99.8
	99.8	99.8								
2014	130669	100.0	99.2	100.3	99.6	99.8	99.5	100.9	98.7	99.3
	100.0	99.8								
2015	115344	100.2	99.0	100.3	99.6	99.8	99.3	101.1	98.6	99.2
	100.2	99.8								
2016	103813	100.2	98.8	100.2	99.5	99.7	99.2	101.3	98.6	99.1
	100.1	99.9								
2017	92320	100.3	98.5	100.3	99.7	99.6	99.3	101.5	98.6	98.8
	100.3	100.0								
2018	86340	100.4	97.9	100.5	99.6	99.4	99.3	101.7	98.5	98.4
	100.5	100.1								
2019	83399	100.3	97.3	101.0	99.2	99.1	99.3	101.7	98.5	97.9
	100.5	99.9								
2020	81890	100.5	97.4	101.3	99.4	99.1	99.4	102.0	98.5	97.9
	100.7	100.3								
2021	70349	100.7	97.4	101.6	99.6	99.2	99.5	102.2	98.4	97.9
	100.9	100.6								
2022	10365	100.6	97.0	101.7	99.5	99.0	99.5	102.2	98.5	97.6
	100.9	100.5								

Tabel: 13 Holstein Friesian - zwartbont: Kalvervitaliteit  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1468	97.2	99.9	97.3
1981	1901	98.0	100.2	98.1
1982	2333	97.4	99.9	97.4
1983	3555	97.9	100.2	97.7
1984	5603	97.7	100.1	97.4
1985	8678	97.6	100.0	97.3
1986	13919	97.4	99.9	97.3
1987	23604	97.7	100.0	97.5
1988	40054	97.8	100.1	97.7
1989	62574	97.6	99.9	97.5
1990	93930	97.8	100.0	97.8
1991	122067	98.0	100.3	97.7
1992	148095	98.2	100.5	97.9
1993	226691	98.4	100.8	98.0
1994	303101	98.5	100.7	98.3
1995	340180	99.0	100.9	98.5
1996	350640	99.1	100.9	98.6
1997	362281	99.3	100.9	98.9
1998	376919	99.4	100.8	99.1
1999	375906	99.3	100.7	99.1
2000	366593	99.4	100.7	99.2
2001	358589	99.4	100.6	99.4
2002	353223	99.4	100.5	99.5
2003	352735	99.5	100.5	99.5
2004	346950	99.8	100.8	99.8
2005	323079	99.7	100.6	99.8
2006	319444	99.4	100.2	99.8
2007	316442	99.2	100.0	99.7
2008	342947	99.1	100.0	99.6
2009	342854	99.2	100.0	99.6
2010	323392	99.1	100.0	99.5
2011	310345	99.3	100.2	99.6
2012	313972	99.3	100.2	99.6
2013	324826	99.4	100.4	99.6
2014	333197	99.4	100.3	99.5
2015	335568	99.4	100.2	99.5
2016	321454	99.7	100.4	99.7
2017	266437	99.9	100.5	99.7
2018	244218	99.9	100.3	99.8
2019	225117	99.9	100.1	99.8
2020	232420	100.0	100.2	99.8
2021	237321	100.1	100.0	100.0
2022	239493	100.2	100.0	100.1
2023	233021	100.4	100.2	100.1

2024 96013 100.5 100.2 100.2

Tabel: 14 Holstein Friesian - zwartbont: Levensproductiekenmerken  
Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	246435	-4700.5	-16611.6	-711.7	-596.6
2002	231315	-4538.5	-15885.8	-689.8	-574.2
2003	231504	-4492.9	-15759.0	-680.8	-569.8
2004	234194	-4300.0	-15072.6	-653.0	-544.4
2005	233034	-4244.8	-14856.4	-645.9	-536.5
2006	249276	-4105.9	-14295.3	-628.3	-516.5
2007	239555	-3935.0	-13624.5	-604.5	-493.4
2008	250252	-3835.9	-13245.8	-590.4	-480.1
2009	244491	-3627.3	-12490.5	-559.3	-453.3
2010	240635	-3495.2	-12055.4	-538.8	-436.9
2011	241915	-3233.2	-11132.3	-498.6	-404.0
2012	246122	-3040.7	-10451.7	-470.4	-378.9
2013	260104	-2801.8	-9625.4	-434.0	-348.8
2014	258700	-2504.3	-8528.2	-388.9	-311.0
2015	238400	-2182.3	-7404.1	-339.2	-270.8
2016	217142	-1750.4	-5927.1	-273.2	-216.4
2017	199112	-1321.2	-4409.4	-208.4	-161.9
2018	194765	-886.7	-2915.4	-143.0	-106.4
2019	198486	-463.5	-1693.2	-75.6	-55.1
2020	203249	-13.4	-230.4	-4.4	-0.0
2021	191488	433.1	1123.9	66.9	54.1
2022	54714	566.3	1460.5	88.5	69.9

Tabel: 15 Holstein Friesian - zwartbont: Robot / AMS kenmerken  
Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	400	96.9	87.4	102.8	91.9
1981	617	97.1	87.2	102.7	91.7
1982	706	97.4	87.3	102.4	91.8
1983	834	96.7	87.0	102.8	91.3
1984	1253	96.5	86.6	102.9	91.1
1985	1476	96.9	86.7	102.9	91.6
1986	2331	97.0	86.6	103.0	91.7
1987	3616	97.3	85.9	102.8	91.4
1988	5470	97.1	85.8	103.0	91.2
1989	7749	97.2	85.4	103.0	91.0

1990	10501	96.8	85.5	103.0	90.6
1991	12571	96.9	85.9	101.8	89.7
1992	15897	96.4	86.1	101.6	89.2
1993	18730	96.3	86.0	101.7	89.1
1994	20389	96.2	85.7	102.1	89.2
1995	25948	96.6	86.4	101.5	89.2
1996	28416	96.7	87.0	101.6	89.7
1997	30497	96.6	87.1	101.5	89.7
1998	33038	96.8	87.3	101.3	89.6
1999	34625	97.0	87.2	101.4	89.8
2000	36807	97.1	87.8	101.2	90.1
2001	40614	97.4	87.9	100.9	90.1
2002	42066	97.5	88.4	100.2	89.9
2003	46090	97.6	88.3	100.5	90.2
2004	51563	97.5	88.8	100.6	90.5
2005	52140	97.5	89.0	100.9	90.8
2006	58027	97.7	89.8	100.6	91.3
2007	59183	97.8	90.3	100.4	91.6
2008	65349	97.9	90.5	100.4	91.7
2009	78349	97.9	91.1	100.3	92.0
2010	89567	98.2	91.5	100.0	92.4
2011	92603	98.6	92.2	99.7	93.0
2012	95696	98.7	92.9	99.8	93.7
2013	104092	98.9	93.7	100.0	94.7
2014	107027	98.9	95.0	100.1	95.6
2015	100419	98.9	96.1	100.0	96.3
2016	93997	99.0	97.4	100.0	97.2
2017	85581	99.0	98.4	100.1	98.1
2018	83109	99.6	99.4	100.0	99.2
2019	83927	100.0	100.3	100.1	100.3
2020	88766	99.7	100.9	100.2	100.5
2021	87218	99.5	101.3	100.2	100.6
2022	33948	99.7	101.4	100.1	101.0

Tabel: 16 Holstein Friesian - zwartbont: Overige productie en efficiency kenm.

Basis: Melkdoel zwart

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	2663	94.3	99.6	0	0.0	0.0	0	0.0
1981	3241	93.9	99.9	0	0.0	0.0	0	0.0
1982	3640	94.2	99.9	0	0.0	0.0	0	0.0
1983	5279	94.0	99.9	0	0.0	0.0	0	0.0
1984	8137	93.9	99.5	0	0.0	0.0	0	0.0
1985	12769	93.6	99.6	12331	-6.7	270.7	0	0.0
1986	20531	93.7	99.8	18281	-6.3	247.1	0	0.0
1987	34871	94.0	99.5	27482	-5.9	215.9	0	0.0

1988	62510	94.2	99.3	41864	-5.4	187.7	0	0.0
1989	92258	94.5	99.1	57183	-5.2	177.6	0	0.0
1990	118805	94.6	98.8	73191	-5.0	176.3	0	0.0
1991	132195	94.8	99.3	82513	-4.7	164.7	0	0.0
1992	153735	94.7	99.2	98097	-4.4	155.3	0	0.0
1993	182982	94.8	98.9	110707	-4.4	155.8	0	0.0
1994	197636	95.2	98.5	116546	-4.2	152.5	0	0.0
1995	235264	95.3	98.7	137948	-4.0	153.4	0	0.0
1996	238185	95.8	98.7	139641	-3.7	145.5	0	0.0
1997	238032	95.7	98.5	139328	-3.6	140.8	0	0.0
1998	246593	95.8	98.2	143365	-3.4	135.8	0	0.0
1999	251103	95.6	98.0	145025	-3.3	133.0	0	0.0
2000	242213	95.9	97.7	141920	-3.1	125.5	0	0.0
2001	246164	95.8	97.6	141768	-3.1	122.3	141634	91.7
2002	231001	96.1	97.4	134810	-3.0	117.6	134673	91.9
2003	231151	96.0	97.3	136764	-2.8	111.4	136611	92.3
2004	233752	96.2	97.5	138704	-2.7	106.7	138522	92.6
2005	232352	96.3	97.4	136436	-2.6	101.0	136158	93.0
2006	248597	96.5	97.6	140730	-2.3	86.2	140290	94.1
2007	238777	96.8	97.7	131760	-2.2	78.0	131106	94.7
2008	249293	96.9	97.7	134947	-2.0	71.8	134089	95.1
2009	243325	97.1	98.1	133900	-1.9	66.1	132822	95.5
2010	239056	97.2	98.1	132065	-1.7	60.1	130432	95.9
2011	240180	97.4	98.5	130103	-1.5	50.2	127808	96.7
2012	244189	97.6	98.8	128708	-1.4	42.8	125792	97.3
2013	257938	97.8	98.9	131920	-1.3	40.0	128398	97.4
2014	256329	98.1	99.1	129749	-1.1	32.2	124619	97.9
2015	235725	98.3	99.2	123154	-0.9	25.6	113471	98.4
2016	214243	98.6	99.3	117009	-0.6	19.5	103517	98.8
2017	196593	99.1	99.4	113213	-0.4	13.9	93764	99.3
2018	192074	99.5	99.7	111546	-0.2	9.7	88926	99.7
2019	195686	99.8	100.1	110202	0.0	8.4	86664	99.8
2020	200374	100.5	100.5	108806	0.3	0.9	85639	100.6
2021	189285	100.9	101.0	97716	0.5	-5.5	72680	101.3
2022	60617	101.2	101.0	57169	0.8	0.6	11005	101.4
2023	0	0.0	0.0	47638	1.0	5.1	0	0.0
2024	0	0.0	0.0	15885	1.2	7.1	0	0.0

Tabel: 17 Holstein Friesian - zwartbont: Stofwisselingsaandoeningen  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	762	99.6	102	98.2	98	98.1	762	96.9
1981	1005	99.2	229	97.6	219	97.3	1005	96.3
1982	1157	99.0	314	97.5	279	97.2	1157	96.2
1983	1499	99.3	240	97.3	202	96.7	1499	95.6
1984	2160	99.5	256	97.7	218	97.1	2159	95.7



1985	2858	99.5	356	98.4	296	97.1	2858	95.7
1986	4470	99.5	730	99.2	658	97.0	4470	95.4
1987	6823	99.6	588	98.7	502	97.0	6822	95.3
1988	10378	99.6	918	98.3	613	98.4	10377	94.9
1989	14513	99.3	1522	97.7	1038	97.4	14510	94.6
1990	20087	99.1	2163	97.5	1652	96.6	20084	94.4
1991	23593	99.4	4210	99.1	3828	97.4	23591	94.5
1992	29425	99.5	4857	99.5	4402	97.2	29423	94.3
1993	34572	99.4	5076	99.3	4101	97.1	34572	94.3
1994	38410	99.1	6577	98.3	5278	97.8	38410	94.3
1995	49078	98.4	10091	97.6	9009	97.7	49077	93.8
1996	53376	98.3	11517	97.8	10688	97.6	53375	93.8
1997	58178	97.8	13170	97.4	12538	96.9	58178	93.9
1998	63442	98.0	14139	97.9	13528	97.0	63442	93.9
1999	68084	98.0	14583	97.8	13557	96.9	68084	93.7
2000	73899	97.7	16170	97.6	15203	96.9	73897	93.5
2001	82312	97.7	17652	97.6	16928	97.0	82311	93.6
2002	87010	97.8	18696	98.0	18002	96.7	87009	93.5
2003	97986	97.5	20503	97.8	19793	96.5	97985	93.2
2004	110686	97.8	22986	98.2	22289	96.8	110679	93.4
2005	117607	97.8	23365	98.3	22832	96.9	117607	93.4
2006	137079	98.0	26147	98.5	25768	97.0	137073	93.9
2007	147902	98.0	26661	98.4	26391	97.1	147900	94.2
2008	173721	98.2	28837	98.8	28641	97.0	173721	94.6
2009	194249	98.3	30160	98.8	30001	97.2	194249	95.3
2010	214489	98.6	30892	99.0	30842	97.4	214485	95.7
2011	219689	99.1	31688	99.5	31643	98.1	219674	96.4
2012	223508	99.5	32582	99.8	32502	98.3	223507	96.9
2013	235460	99.6	34448	99.9	34323	98.6	235457	97.3
2014	234411	99.8	35882	100.2	35833	98.5	234411	97.7
2015	215672	99.9	30163	100.3	30106	98.5	215667	98.0
2016	196827	100.0	25260	100.1	25212	99.0	196827	98.5
2017	180203	100.2	17224	100.3	17273	99.2	180203	99.1
2018	176296	100.2	11253	100.0	11332	99.6	176296	99.6
2019	179342	100.3	8093	100.0	8307	99.9	179342	100.0
2020	181963	100.4	6047	100.1	6485	100.0	181963	100.6
2021	169467	100.5	4052	100.3	4567	100.0	169467	101.2
2022	55532	100.5	758	100.4	846	100.1	55532	101.4

Tabel: 18 Holstein Friesian - zwartbont: Reproductiestoornissen  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	251	97.8	98.4	97.9	98.9	97.2	96.1
1981	422	97.6	98.5	97.7	98.8	96.8	95.7
1982	526	97.3	98.3	97.4	98.6	96.6	95.2
1983	501	97.7	98.6	97.6	98.7	96.8	95.8

1984	636	97.5	98.4	97.7	98.5	96.7	95.9
1985	626	97.5	98.5	97.5	98.6	96.7	95.7
1986	1073	98.0	99.0	97.7	98.7	97.5	96.8
1987	1606	98.0	99.0	97.8	98.9	97.2	96.3
1988	2675	97.5	98.3	97.6	98.9	96.6	95.7
1989	4199	97.7	98.4	97.6	99.1	96.7	95.6
1990	6085	97.6	98.5	97.4	99.0	96.7	95.3
1991	7215	97.6	98.6	97.0	99.1	96.5	95.8
1992	9352	97.5	98.5	96.9	98.9	96.7	95.8
1993	10854	97.7	98.6	97.2	99.0	96.9	95.9
1994	12441	97.3	98.1	96.8	98.9	96.6	95.4
1995	15907	97.1	98.0	96.4	98.9	95.9	94.9
1996	17479	97.5	98.7	96.7	99.1	96.2	95.1
1997	19307	97.4	98.9	96.6	98.8	96.2	95.2
1998	20633	97.6	98.8	96.7	99.1	96.4	95.5
1999	21889	97.5	98.7	96.7	99.0	96.2	95.4
2000	23565	97.3	98.5	96.4	98.8	96.6	95.4
2001	25778	97.3	98.3	96.6	98.9	96.2	95.4
2002	27018	97.2	97.9	96.6	98.9	96.4	95.4
2003	29409	97.2	98.3	96.6	98.8	96.2	95.4
2004	33098	97.9	99.1	97.1	99.3	96.7	96.1
2005	32742	98.5	99.4	97.6	99.7	97.2	96.6
2006	38632	99.3	100.0	98.5	100.3	98.0	97.5
2007	38583	99.5	100.3	98.8	100.3	98.1	97.9
2008	41485	99.7	100.6	99.1	100.6	98.2	98.1
2009	43384	99.6	100.5	99.1	100.4	98.1	98.1
2010	44486	99.6	100.4	99.1	100.3	98.2	98.3
2011	44839	99.8	100.5	99.5	100.2	98.5	98.8
2012	45900	99.8	100.6	99.6	100.0	99.0	99.1
2013	48391	99.9	100.6	99.6	100.0	99.3	99.2
2014	49015	99.9	100.3	99.7	100.0	99.6	99.4
2015	41353	99.8	100.2	99.7	99.8	99.7	99.6
2016	34518	99.9	100.2	99.8	99.9	99.8	99.7
2017	25022	99.9	99.9	99.8	99.9	99.8	99.9
2018	18361	100.0	99.9	100.0	100.0	100.0	100.0
2019	15266	100.1	99.9	100.1	100.1	100.2	100.2
2020	12543	100.1	99.8	100.2	100.2	100.2	100.3
2021	8941	100.2	99.8	100.2	100.2	100.3	100.3
2022	1804	100.0	99.6	100.1	100.0	100.4	100.1

Tabel: 19 Holstein Friesian - roodbont: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	34	-2604.1	-97.9	-101.2	-117.6	33.8	-13.3	1.6	-728.9
1981	58	-2465.8	-98.0	-98.7	-111.3	22.1	-17.3	1.7	-718.4
1982	82	-2369.0	-92.6	-94.5	-106.9	23.6	-15.9	1.7	-684.2

1983	104	-2369.3	-94.3	-95.5	-106.9	21.3	-17.4	1.7	-693.6
1984	253	-2274.0	-89.5	-93.3	-102.5	21.9	-19.0	1.7	-669.8
1985	400	-2397.2	-92.9	-95.0	-108.2	25.7	-14.7	1.6	-687.3
1986	685	-2268.0	-88.2	-91.0	-102.3	23.6	-15.5	1.7	-656.1
1987	1198	-2229.8	-87.0	-89.7	-100.5	22.7	-15.5	1.6	-646.8
1988	2403	-2214.8	-84.3	-88.1	-99.9	26.3	-13.5	1.6	-631.8
1989	3571	-2156.3	-82.3	-85.8	-97.2	25.5	-12.8	1.6	-615.9
1990	4825	-2145.8	-83.1	-85.2	-96.7	23.3	-12.5	1.6	-615.8
1991	6455	-2046.6	-80.8	-81.7	-92.2	19.3	-12.4	1.6	-593.5
1992	8432	-2015.9	-81.2	-80.6	-90.8	16.2	-12.4	1.6	-590.1
1993	9976	-1927.2	-80.9	-78.1	-86.7	9.9	-13.4	1.6	-578.7
1994	12175	-1846.1	-70.6	-72.6	-83.0	20.3	-9.2	1.6	-524.1
1995	13600	-1820.1	-68.4	-71.3	-81.8	21.8	-8.6	1.6	-512.1
1996	15354	-1695.8	-64.2	-67.1	-76.2	19.4	-8.8	1.6	-481.1
1997	16771	-1620.5	-61.7	-64.3	-72.7	17.9	-8.6	1.6	-461.6
1998	23187	-1582.2	-56.8	-60.8	-71.0	22.4	-5.4	1.6	-431.9
1999	26199	-1506.8	-53.5	-58.2	-67.5	22.0	-5.6	1.6	-410.8
2000	32081	-1337.3	-51.1	-53.8	-60.0	14.1	-7.8	1.2	-384.6
2001	36326	-1247.3	-49.0	-50.0	-58.4	11.2	-6.9	-2.2	-362.0
2002	37124	-1120.5	-43.9	-46.4	-53.6	10.2	-8.1	-3.5	-331.2
2003	38851	-1063.2	-40.8	-43.6	-51.9	10.8	-7.0	-4.7	-309.9
2004	40668	-975.7	-35.4	-39.9	-47.6	12.7	-6.1	-4.4	-277.7
2005	43519	-899.5	-32.5	-36.5	-44.2	12.0	-5.0	-4.4	-254.5
2006	45983	-827.4	-33.0	-34.2	-40.2	7.0	-5.4	-3.4	-246.0
2007	45985	-767.2	-30.4	-31.9	-37.6	6.7	-5.2	-3.6	-228.6
2008	50064	-716.0	-29.5	-29.3	-34.9	4.8	-4.0	-3.0	-214.4
2009	50552	-714.6	-31.7	-29.2	-33.6	1.6	-4.0	-1.4	-220.7
2010	51308	-634.9	-28.0	-25.5	-30.2	1.7	-2.9	-1.6	-193.6
2011	51776	-557.4	-24.2	-22.5	-26.5	2.2	-2.6	-1.4	-169.3
2012	53374	-504.0	-22.0	-20.5	-23.7	2.0	-2.4	-1.0	-154.0
2013	55374	-471.6	-20.9	-18.4	-22.5	1.5	-1.3	-1.4	-141.9
2014	54336	-414.5	-19.1	-15.9	-19.9	0.6	-0.6	-1.3	-125.9
2015	48068	-367.3	-17.5	-13.3	-17.3	0.1	0.6	-0.8	-109.7
2016	42312	-280.8	-14.8	-10.6	-13.0	-1.3	0.2	-0.3	-90.0
2017	37369	-178.5	-11.6	-7.1	-8.1	-2.8	-0.0	0.0	-65.2
2018	35704	-55.3	-6.1	-2.5	-2.6	-2.8	0.2	-0.2	-28.9
2019	34976	-6.7	0.5	1.0	-0.6	2.5	2.3	-0.4	5.7
2020	36578	53.8	5.7	4.2	2.5	5.5	3.5	0.0	35.3
2021	36016	194.3	14.8	10.3	9.7	8.6	4.6	0.9	88.6
2022	11194	271.2	18.7	13.5	13.4	8.9	5.0	1.2	114.2

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 20 Holstein Friesian - roodbont: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	34	86.8	90.8	87.2	86.2	102.3	97.9	93.2

1981	64	88.1	91.5	87.8	87.3	101.9	97.7	94.8
1982	84	88.1	92.1	88.9	88.2	101.4	96.6	94.3
1983	110	89.1	92.1	89.8	89.0	100.7	96.6	93.9
1984	241	88.9	92.1	90.7	89.8	100.1	95.8	93.8
1985	346	88.8	92.2	90.1	89.2	100.7	95.8	93.8
1986	595	88.9	92.5	90.7	89.9	100.3	95.7	93.6
1987	924	88.8	93.1	90.9	90.2	100.5	95.9	94.1
1988	1542	88.8	93.2	91.3	90.4	100.5	96.0	94.2
1989	1999	89.1	93.6	91.5	90.5	100.5	96.0	94.4
1990	2733	89.1	93.7	91.7	90.5	100.6	96.1	94.6
1991	3807	89.9	93.6	92.0	91.0	100.0	96.1	95.2
1992	5004	89.9	93.5	91.7	90.6	100.3	96.2	95.5
1993	5409	90.4	93.6	91.8	90.9	99.8	96.2	95.4
1994	6767	90.7	96.0	94.3	92.2	101.1	96.9	97.1
1995	7486	90.9	96.2	94.9	92.9	100.6	96.9	97.0
1996	8713	91.2	96.2	95.4	93.2	100.4	97.0	97.7
1997	10182	91.6	96.9	96.0	93.6	100.9	97.5	97.4
1998	14127	91.9	97.3	96.4	93.8	100.9	97.6	97.1
1999	16296	92.2	97.3	96.2	93.6	100.9	97.4	97.1
2000	20285	93.0	96.8	95.8	93.4	100.6	98.0	97.2
2001	22401	93.3	97.3	96.2	93.9	100.6	98.4	97.0
2002	23226	94.0	97.7	96.9	94.8	100.3	98.1	97.1
2003	24314	94.6	98.2	97.6	95.4	100.3	98.8	97.0
2004	25888	94.7	98.5	98.0	95.8	100.1	99.1	97.4
2005	27681	95.0	98.4	98.0	95.7	99.6	99.3	97.7
2006	28464	95.2	98.7	98.1	95.9	99.8	99.5	97.8
2007	28298	95.5	98.7	98.4	96.3	99.7	100.0	97.7
2008	30319	96.0	98.4	98.3	96.2	99.7	99.8	97.8
2009	31033	96.8	98.8	98.6	96.2	100.2	100.1	97.9
2010	31553	97.1	98.5	98.7	96.4	99.8	100.0	98.2
2011	31006	97.3	98.6	99.0	96.7	99.6	100.0	98.2
2012	31097	97.1	98.7	99.0	96.7	99.7	100.0	98.3
2013	30862	97.3	98.7	99.0	96.8	99.7	99.9	98.4
2014	29095	97.8	98.9	99.4	97.4	99.7	99.9	98.6
2015	25837	98.4	99.0	99.8	97.6	99.6	100.2	98.8
2016	22874	98.8	99.4	100.0	98.2	99.9	100.7	99.1
2017	19775	99.5	100.0	100.2	98.6	100.4	100.6	99.4
2018	18452	100.0	99.9	100.4	99.2	100.3	100.5	99.5
2019	17523	100.2	100.0	100.2	99.4	100.2	100.1	99.5
2020	17584	100.5	100.4	100.4	99.7	100.3	99.7	99.8
2021	15526	101.0	101.8	100.9	100.3	101.1	99.7	100.1
2022	2203	101.4	102.1	101.3	100.9	101.3	99.9	100.5

Tabel: 21 Holstein Friesian - roodbont: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
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1980	34	86.5	103.4	95.7	90.1	86.9
1981	64	87.9	102.8	96.1	90.0	87.2
1982	84	88.5	103.4	96.1	90.6	87.9
1983	110	88.9	103.4	95.4	91.2	88.4
1984	241	88.6	103.5	95.8	91.5	87.8
1985	346	88.8	103.4	95.7	91.7	88.2
1986	595	88.8	104.0	95.3	92.1	88.1
1987	924	89.4	104.0	95.0	92.5	88.7
1988	1542	89.9	103.5	95.0	92.8	89.1
1989	1999	90.1	104.0	95.0	93.1	89.3
1990	2733	90.4	103.9	95.0	93.1	89.4
1991	3807	90.4	104.4	94.7	92.8	89.4
1992	5004	90.6	104.2	94.8	92.9	89.6
1993	5409	90.6	104.9	94.1	92.8	89.7
1994	6767	89.6	104.8	93.2	92.8	89.3
1995	7486	89.9	105.0	93.3	93.3	89.6
1996	8713	90.9	105.5	93.4	93.5	90.5
1997	10182	91.7	105.9	93.0	93.8	91.3
1998	14127	91.6	106.3	92.8	94.1	91.4
1999	16296	92.1	105.7	93.1	94.3	91.8
2000	20285	92.9	105.2	94.2	95.0	92.7
2001	22401	92.8	105.1	94.6	95.2	92.6
2002	23226	93.0	104.6	95.3	95.4	92.8
2003	24314	93.1	104.3	95.4	95.8	93.2
2004	25888	93.4	104.6	95.2	96.3	93.6
2005	27681	93.6	104.5	94.7	96.2	94.1
2006	28464	94.2	103.7	95.4	96.8	94.6
2007	28298	94.2	103.2	95.8	96.9	94.8
2008	30319	94.1	102.7	96.3	96.7	94.7
2009	31033	94.7	102.2	97.1	97.2	95.5
2010	31553	95.3	101.7	97.7	97.2	96.0
2011	31006	96.2	101.9	97.8	97.6	96.9
2012	31097	96.4	101.9	97.9	98.0	97.4
2013	30862	96.8	101.8	98.1	98.2	97.7
2014	29095	97.0	101.5	98.4	98.4	98.1
2015	25837	97.2	101.2	98.6	98.4	98.3
2016	22874	97.4	101.2	98.7	98.6	98.6
2017	19775	98.1	100.6	99.4	99.2	99.1
2018	18452	98.8	100.4	99.6	99.4	99.6
2019	17523	99.5	100.2	100.1	99.8	100.2
2020	17584	100.2	100.4	100.1	100.4	101.0
2021	15526	101.4	100.1	100.7	101.5	102.3
2022	2203	102.4	100.2	100.9	101.7	103.2

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Tabel: 22 Holstein Friesian - roodbont: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: NL

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Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	34	90.5	88.4	101.5	92.9	87.5	91.7	89.9
94.4								
1981	64	89.9	89.0	99.9	93.1	87.2	91.2	89.8
94.4								
1982	84	89.8	88.8	100.2	92.3	87.3	91.2	90.0
93.8								
1983	110	89.8	88.2	100.6	92.2	87.6	91.3	89.5
93.9								
1984	241	90.3	88.7	100.6	92.4	88.2	92.0	90.2
94.0								
1985	346	90.7	88.9	100.5	93.0	88.2	92.3	90.5
93.8								
1986	595	90.9	89.1	100.3	92.9	88.8	92.4	90.7
94.0								
1987	924	90.1	89.0	100.6	92.0	88.7	92.2	90.6
94.0								
1988	1542	89.9	89.0	100.8	91.8	89.0	92.2	90.5
94.3								
1989	1999	89.7	89.1	101.0	91.8	89.0	92.0	90.4
94.4								
1990	2733	89.8	89.3	100.9	91.7	89.0	92.1	90.6
94.3								
1991	3807	90.1	89.0	101.0	91.9	89.3	91.9	90.5
94.3								
1992	5004	90.1	89.4	100.8	92.1	89.2	92.2	90.9
94.5								
1993	5409	90.0	89.5	100.8	92.2	89.6	92.5	91.1
94.8								
1994	6767	89.7	90.9	100.2	90.7	88.4	93.1	92.2
93.1								
1995	7486	89.8	91.0	100.5	90.7	88.7	93.2	92.1
93.5								
1996	8713	89.6	91.2	100.3	90.5	88.9	93.3	92.3
93.7								
1997	10182	90.0	91.6	99.9	90.7	89.4	93.7	92.2
93.7								
1998	14127	89.7	92.1	99.8	90.4	89.8	94.0	92.9
94.0								
1999	16296	89.8	92.8	99.7	90.8	90.8	95.0	93.9
94.6								
2000	20285	90.7	93.4	100.0	91.8	91.3	95.9	94.9
94.8								
2001	22401	90.9	93.2	99.9	91.8	91.3	95.3	94.3
94.5								
2002	23226	91.3	93.5	99.8	92.0	91.8	95.6	94.6
95.0								
2003	24314	91.9	94.0	99.6	92.6	92.3	95.8	94.8
95.5								

2004	25888	91.9	94.6	99.8	92.3	92.6	96.2	95.5
95.4								
2005	27681	91.8	94.8	100.3	92.4	92.9	96.5	95.9
95.8								
2006	28464	92.6	95.2	100.3	92.9	93.2	96.4	96.0
95.7								
2007	28298	92.8	95.8	100.0	93.2	93.7	96.8	96.4
96.2								
2008	30319	93.0	96.0	99.7	93.6	94.0	97.0	96.7
96.2								
2009	31033	93.5	96.4	99.5	94.7	94.3	97.4	97.1
96.2								
2010	31553	93.9	96.7	99.3	95.0	94.8	97.6	97.4
96.2								
2011	31006	94.3	97.2	99.3	95.1	95.2	98.0	98.1
96.3								
2012	31097	94.7	97.2	99.6	95.4	95.5	98.3	98.3
96.7								
2013	30862	95.4	97.6	99.7	95.9	95.8	98.6	98.7
96.8								
2014	29095	95.9	97.8	100.0	96.5	96.3	98.8	98.8
97.3								
2015	25837	96.5	98.4	99.8	97.3	96.9	99.2	99.1
97.8								
2016	22874	97.0	98.6	99.7	97.9	97.0	99.5	99.3
98.0								
2017	19775	97.8	99.0	99.8	98.6	97.8	99.6	99.4
98.3								
2018	18452	99.1	99.7	99.7	99.7	99.3	100.1	99.8
99.0								
2019	17523	99.4	99.9	99.7	100.0	99.8	100.1	99.8
99.7								
2020	17584	99.8	99.7	100.0	100.4	99.9	100.1	99.8
100.0								
2021	15526	100.7	99.9	100.3	101.1	100.7	100.4	100.0
100.5								
2022	2203	101.3	100.5	100.3	101.7	101.2	100.8	100.3
100.7								

Tabel: 23 Holstein Friesian - roodbont: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	34	86.4	86.8	87.2	85.7	0.0	79.6
1981	64	87.9	88.1	86.8	86.4	0.0	80.4
1982	84	88.0	88.6	86.7	86.9	0.0	80.7
1983	110	88.7	88.9	86.8	87.4	0.0	81.2

1984	241	88.7	89.3	87.5	86.7	0.0	81.3
1985	346	88.5	89.1	87.8	86.9	0.0	81.5
1986	595	88.6	89.6	88.2	86.6	0.0	81.7
1987	924	88.7	90.3	87.6	87.3	0.0	81.8
1988	1542	88.9	90.6	87.6	87.9	0.0	82.3
1989	1999	89.3	90.9	87.4	88.0	0.0	82.4
1990	2733	89.3	91.1	87.5	88.1	0.0	82.6
1991	3807	90.2	91.2	87.8	88.0	0.0	82.9
1992	5004	90.1	91.1	87.9	88.3	0.0	83.1
1993	5409	90.3	91.0	88.1	88.1	0.0	83.2
1994	6767	92.3	94.3	87.3	87.6	0.0	83.5
1995	7486	92.6	94.5	87.5	87.9	0.0	83.9
1996	8713	93.4	95.0	87.5	88.7	0.0	84.7
1997	10182	94.0	95.7	88.1	89.4	0.0	85.6
1998	14127	94.4	95.9	88.0	89.3	0.0	85.7
1999	16296	94.5	95.8	88.8	89.9	0.0	86.5
2000	20285	95.3	95.4	89.7	91.1	0.0	87.7
2001	22401	95.7	95.7	89.7	91.1	0.0	87.9
2002	23226	96.3	96.3	90.2	91.5	0.0	88.6
2003	24314	97.0	96.9	90.9	91.9	0.0	89.5
2004	25888	97.5	97.1	91.0	92.1	0.0	89.9
2005	27681	97.7	96.8	91.2	92.5	0.0	90.2
2006	28464	98.0	97.1	91.7	93.3	0.0	91.0
2007	28298	98.3	97.3	92.2	93.5	0.0	91.5
2008	30319	98.5	97.2	92.5	93.6	0.0	91.7
2009	31033	99.2	97.6	93.1	94.5	0.0	92.8
2010	31553	99.4	97.5	93.6	95.2	0.0	93.5
2011	31006	99.5	97.7	93.9	96.1	0.0	94.2
2012	31097	99.5	97.8	94.3	96.4	0.0	94.6
2013	30862	99.6	97.9	94.9	96.8	0.0	95.2
2014	29095	100.0	98.3	95.5	97.2	0.0	95.9
2015	25837	100.4	98.5	96.3	97.5	0.0	96.6
2016	22874	100.6	99.0	96.7	97.7	0.0	97.1
2017	19775	100.9	99.7	97.6	98.3	0.0	98.1
2018	18452	101.0	99.9	99.2	98.8	0.0	99.2
2019	17523	100.8	100.0	99.6	99.5	0.0	99.8
2020	17584	100.9	100.3	99.9	100.3	0.0	100.5
2021	15526	101.3	101.1	100.8	101.7	0.0	101.9
2022	2203	101.7	101.6	101.5	102.7	0.0	103.0

Tabel: 24 Holstein Friesian - roodbont: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
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1980	43	101.7	101.9	99.0	100.0	98.5	99.4	83.5	100.3
99.4									
1981	76	102.2	101.8	99.6	100.2	99.4	100.6	85.6	100.8
100.2									
1982	111	101.8	101.5	99.2	99.8	98.8	99.9	85.1	100.3
99.6									
1983	143	101.3	100.8	98.3	98.9	98.1	99.6	86.6	99.4
98.8									
1984	324	100.8	100.5	97.8	98.5	97.6	99.3	86.5	98.9
98.3									
1985	502	101.7	101.1	98.9	99.5	98.9	100.5	86.0	99.8
99.6									
1986	897	101.3	100.5	98.2	98.9	98.4	100.1	87.1	99.2
99.0									
1987	1537	101.5	100.8	98.4	99.2	98.7	100.2	87.1	99.4
99.2									
1988	2788	101.6	100.4	98.3	98.9	98.7	100.3	87.1	99.2
99.1									
1989	4081	101.4	100.3	98.2	98.7	98.5	100.3	87.2	99.0
99.0									
1990	5530	101.1	100.4	98.0	98.7	98.3	100.3	87.4	99.0
98.9									
1991	7563	101.5	99.8	98.1	98.4	98.5	100.5	88.7	98.7
98.9									
1992	9916	101.4	99.9	98.1	98.5	98.5	100.4	88.8	98.8
98.9									
1993	11314	102.0	99.4	98.2	98.3	98.8	100.5	89.0	98.6
98.9									
1994	14300	101.4	99.1	97.6	97.8	98.2	100.4	89.8	98.1
98.4									
1995	15758	101.0	99.1	97.3	97.5	97.7	100.0	90.0	97.8
98.0									
1996	17980	100.6	98.4	96.7	96.7	97.2	99.6	90.3	97.2
97.4									
1997	19714	99.8	98.8	96.5	96.6	96.8	99.6	90.8	97.2
97.3									
1998	27389	100.1	98.4	96.4	96.5	96.8	99.7	91.0	97.0
97.2									
1999	30278	99.9	98.3	96.4	96.5	96.7	99.4	91.5	96.9
97.1									
2000	36174	100.7	97.4	96.4	96.1	97.2	99.8	91.6	96.5
97.1									
2001	40936	100.2	97.5	96.3	96.0	97.0	99.6	92.1	96.4
97.0									
2002	43148	99.4	97.7	95.9	95.7	96.3	99.2	93.4	96.2
96.5									
2003	45782	98.8	97.6	95.6	95.4	95.9	99.1	94.3	96.0
96.3									
2004	47153	98.9	97.5	95.6	95.4	96.0	99.0	94.2	96.0
96.3									

2005	49187	98.9	97.7	95.8	95.6	96.2	99.4	94.2	96.2
96.5									
2006	50908	98.9	97.3	95.5	95.2	96.1	99.5	94.6	95.8
96.3									
2007	52964	98.6	97.5	95.4	95.2	96.0	99.6	95.3	95.9
96.3									
2008	59209	99.2	97.2	95.7	95.3	96.5	99.6	95.7	95.9
96.6									
2009	59644	99.3	97.7	96.2	95.8	96.9	99.4	96.4	96.4
96.9									
2010	59147	99.6	97.5	96.2	95.8	97.1	99.5	96.4	96.4
96.9									
2011	59473	99.4	97.5	96.1	95.7	97.0	99.3	96.5	96.3
96.9									
2012	62085	99.5	97.6	96.3	95.9	97.3	99.7	96.6	96.5
97.2									
2013	63626	99.4	97.8	96.5	96.2	97.5	99.8	96.9	96.7
97.3									
2014	63519	99.5	98.3	97.0	96.8	97.9	99.8	97.1	97.2
97.8									
2015	59775	99.6	98.5	97.2	97.1	98.2	99.7	97.4	97.5
98.0									
2016	52955	99.7	98.8	97.7	97.5	98.7	99.7	98.1	98.0
98.4									
2017	44214	99.7	99.3	98.1	98.1	99.0	99.4	98.7	98.5
98.7									
2018	41171	100.1	99.8	98.9	98.8	99.8	99.7	99.0	99.2
99.4									
2019	41365	100.1	100.2	99.4	99.3	100.2	100.0	99.4	99.7
99.9									
2020	42647	99.9	100.3	99.4	99.4	100.3	100.0	99.6	99.8
100.0									
2021	41819	99.3	100.5	99.4	99.6	100.0	99.8	100.4	99.9
99.9									
2022	30237	99.8	100.6	99.9	100.0	100.8	100.4	100.7	100.3
100.5									
2023	337	99.5	100.7	99.9	100.1	100.9	100.8	101.4	100.3
100.6									

Tabel: 25 Holstein Friesian - roodbont: Gebruikskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	24	98.2	95.8	96.8	99.6	104.2
1981	34	98.9	96.2	96.2	98.5	102.4
1982	45	98.2	96.9	95.7	98.0	102.3

1983	72	98.1	96.1	95.5	97.7	101.8
1984	143	97.7	96.2	95.2	97.3	101.4
1985	213	98.2	95.6	95.3	97.5	101.6
1986	348	98.3	96.0	95.0	96.9	101.2
1987	551	98.0	95.6	94.5	96.2	100.4
1988	929	97.8	96.0	94.8	96.4	100.5
1989	1238	97.6	96.0	94.7	96.1	100.5
1990	1904	97.8	96.3	94.4	95.6	100.1
1991	3121	98.5	96.8	94.2	95.4	99.4
1992	4907	98.7	97.1	94.5	95.6	99.5
1993	5254	98.5	97.1	94.6	95.7	99.6
1994	6493	98.7	96.7	94.4	95.2	99.3
1995	7151	98.7	96.4	94.4	95.0	99.2
1996	8278	98.7	96.4	94.4	94.8	99.1
1997	9681	98.9	96.9	94.2	94.5	98.5
1998	13417	98.6	96.0	94.7	95.0	98.4
1999	15327	98.2	96.1	94.6	94.8	97.7
2000	19266	98.3	95.8	94.9	95.2	98.4
2001	21478	98.4	95.7	94.7	94.8	97.9
2002	22273	98.4	95.5	94.4	94.3	97.5
2003	23082	98.5	96.0	94.4	94.3	97.3
2004	24577	98.4	95.8	94.7	94.4	97.0
2005	26153	98.7	95.9	94.9	94.6	97.1
2006	26733	98.8	96.7	95.1	94.8	97.3
2007	26400	98.9	96.7	95.1	94.7	97.2
2008	28449	98.7	96.7	95.2	94.7	97.4
2009	29013	98.2	96.8	95.8	95.6	98.2
2010	29508	98.2	96.9	96.0	95.7	98.1
2011	29304	98.5	97.1	96.6	96.2	98.2
2012	29504	98.5	97.3	97.1	96.6	98.4
2013	29228	98.9	97.8	97.3	96.8	98.5
2014	27438	99.0	98.3	97.5	96.9	98.4
2015	24239	99.2	98.1	98.0	97.4	98.8
2016	21495	99.2	98.4	98.5	98.0	99.4
2017	18666	99.2	98.6	99.1	98.6	99.6
2018	17774	99.5	99.3	99.7	99.1	99.8
2019	16915	99.6	99.7	100.2	99.7	100.0
2020	17124	99.5	100.0	100.6	100.1	100.1
2021	14090	99.1	100.3	101.2	100.7	100.4
2022	1972	99.1	100.4	101.6	101.1	100.6

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Tabel: 26 Holstein Friesian - roodbont: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: NL

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Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
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BVK

1980	34	-305.9	-728.9	-214.6	102.6	99.4	87.2	85.7	95.5
0.0									
1981	58	-304.5	-718.4	-251.6	100.9	100.2	86.8	86.4	95.4
0.0									
1982	82	-300.3	-684.2	-305.3	100.4	99.6	86.7	86.9	95.6
0.0									
1983	104	-319.0	-693.6	-353.3	100.1	98.8	86.8	87.4	95.3
0.0									
1984	253	-329.7	-669.8	-473.1	99.6	98.3	87.5	86.7	95.2
0.0									
1985	400	-267.3	-687.3	-548.3	99.8	99.6	87.8	86.9	95.9
263.4									
1986	685	-273.9	-656.1	-583.6	99.3	99.0	88.2	86.6	95.5
240.1									
1987	1198	-287.6	-646.8	-652.7	98.4	99.2	87.6	87.3	95.5
211.0									
1988	2403	-288.2	-631.8	-686.4	98.6	99.1	87.6	87.9	95.6
188.4									
1989	3571	-285.4	-615.9	-685.9	98.5	99.0	87.4	88.0	95.4
177.4									
1990	4825	-292.4	-615.8	-700.4	97.9	98.9	87.5	88.1	95.0
173.0									
1991	6455	-291.6	-593.5	-685.8	97.4	98.9	87.8	88.0	95.0
167.7									
1992	8432	-288.7	-590.1	-655.6	97.6	98.9	87.9	88.3	95.0
164.9									
1993	9976	-283.7	-578.7	-637.8	97.7	98.9	88.1	88.1	95.4
162.8									
1994	12175	-287.6	-524.1	-675.8	97.3	98.4	87.3	87.6	95.3
124.7									
1995	13600	-288.3	-512.1	-669.6	97.1	98.0	87.5	87.9	95.4
124.0									
1996	15354	-283.3	-481.1	-635.6	97.0	97.4	87.5	88.7	95.3
115.6									
1997	16771	-282.6	-461.6	-618.7	96.4	97.3	88.1	89.4	95.6
103.5									
1998	23187	-276.8	-431.9	-633.6	96.6	97.2	88.0	89.3	95.5
97.1									
1999	26199	-266.9	-410.8	-606.3	96.1	97.1	88.8	89.9	96.2
93.8									
2000	32081	-245.4	-384.6	-526.3	96.6	97.1	89.7	91.1	96.1
92.3									
2001	36326	-242.9	-362.0	-506.7	96.2	97.0	89.7	91.1	96.0
84.6									
2002	37124	-239.7	-331.2	-495.9	95.7	96.5	90.2	91.5	95.6
75.6									
2003	38851	-234.4	-309.9	-474.0	95.6	96.3	90.9	91.9	95.3
66.1									

2004	40668	-223.1	-277.7	-464.2	95.4	96.3	91.0	92.1	95.3
60.6									
2005	43519	-206.9	-254.5	-434.1	95.6	96.5	91.2	92.5	95.4
61.0									
2006	45983	-199.3	-246.0	-390.5	95.8	96.3	91.7	93.3	95.5
55.7									
2007	45985	-190.6	-228.6	-367.9	95.7	96.3	92.2	93.5	95.3
53.4									
2008	50064	-181.1	-214.4	-339.9	95.8	96.6	92.5	93.6	95.7
52.1									
2009	50552	-172.7	-220.7	-307.4	96.8	96.9	93.1	94.5	95.5
42.2									
2010	51308	-159.0	-193.6	-288.5	96.7	96.9	93.6	95.2	95.7
42.4									
2011	51776	-143.5	-169.3	-256.4	97.0	96.9	93.9	96.1	95.9
40.1									
2012	53374	-128.2	-154.0	-221.9	97.4	97.2	94.3	96.4	96.3
38.9									
2013	55374	-117.7	-141.9	-192.9	97.5	97.3	94.9	96.8	96.4
36.3									
2014	54336	-105.1	-125.9	-173.6	97.5	97.8	95.5	97.2	96.9
30.9									
2015	48068	-90.3	-109.7	-138.8	98.0	98.0	96.3	97.5	97.0
26.9									
2016	42312	-73.2	-90.0	-100.4	98.7	98.4	96.7	97.7	97.4
20.1									
2017	37369	-57.6	-65.2	-83.5	99.0	98.7	97.6	98.3	97.9
12.2									
2018	35704	-28.2	-28.9	-35.6	99.5	99.4	99.2	98.8	98.7
8.2									
2019	34976	-4.1	5.7	16.6	99.8	99.9	99.6	99.5	99.2
6.4									
2020	36578	13.3	35.3	58.2	100.1	100.0	99.9	100.3	99.4
1.4									
2021	36016	38.3	88.6	101.7	100.6	99.9	100.8	101.7	99.5
-11.2									
2022	11194	57.4	114.2	121.4	100.9	100.5	101.5	102.7	99.9
-7.9									

Tabel: 27 Holstein Friesian - roodbont: Klauwgezondheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1984	30	92.0	93.5	98.1	97.4	89.0	93.1	93.9
1985	36	92.6	94.9	97.8	96.8	90.8	93.3	95.0
1986	73	92.6	95.3	97.6	96.0	91.0	93.4	94.9

1987	120	92.5	94.4	98.2	96.8	90.6	93.7	94.2
1988	249	92.4	93.8	98.4	97.2	90.0	93.2	94.0
1989	323	92.8	94.1	98.4	97.2	90.6	93.9	94.4
1990	472	92.7	94.0	98.4	97.5	90.5	93.9	94.0
1991	748	91.5	94.3	96.7	95.4	90.8	93.3	95.0
1992	1093	91.8	94.6	96.8	95.3	91.1	93.3	95.2
1993	1290	91.7	94.5	97.0	95.4	90.6	93.2	95.0
1994	2237	92.4	94.7	98.2	95.7	90.7	93.0	94.3
1995	3941	92.3	94.5	98.1	95.9	90.6	93.3	94.0
1996	3843	91.9	93.7	98.0	96.4	89.7	93.4	93.9
1997	7303	91.7	93.1	98.1	96.6	89.6	93.1	93.7
1998	12422	91.8	93.6	97.9	96.7	89.8	92.8	93.7
1999	14861	92.6	94.3	98.4	97.1	90.1	93.3	94.0
2000	19302	92.8	95.2	98.0	96.8	90.8	94.0	94.4
2001	21430	92.5	95.1	97.6	96.1	91.1	93.8	94.5
2002	22522	92.1	94.8	97.4	96.2	91.1	93.8	94.1
2003	24131	92.4	95.2	97.3	96.5	91.3	93.7	94.6
2004	26043	93.0	95.9	97.5	96.6	91.9	93.7	94.9
2005	27857	94.0	96.5	98.1	97.2	92.4	94.0	95.5
2006	28672	93.9	96.5	97.7	97.1	92.7	94.1	96.3
2007	28614	94.4	97.3	97.6	97.2	93.5	94.3	96.9
2008	30955	94.4	97.1	97.4	97.1	93.7	94.4	97.1
2009	31742	94.4	97.2	97.1	96.9	94.3	94.5	97.6
2010	32206	94.7	97.4	97.1	97.3	94.7	94.9	97.7
2011	31561	95.1	98.1	96.9	97.5	95.6	95.3	98.1
2012	31797	95.9	98.7	97.2	97.7	96.5	95.8	98.5
2013	31706	96.2	99.0	97.2	97.9	97.0	96.3	98.8
2014	29897	96.7	99.0	97.6	98.3	97.1	97.0	99.0
2015	26593	97.3	99.2	97.9	98.8	97.5	97.7	99.3
2016	23629	97.9	99.4	98.4	99.1	98.1	98.2	99.5
2017	20343	98.0	99.5	98.4	99.1	98.5	98.6	99.3
2018	19002	99.1	100.0	99.3	99.6	98.9	99.4	99.7
2019	17884	99.5	100.4	99.3	99.6	99.6	99.8	100.1
2020	17909	100.1	100.7	99.8	100.0	99.9	100.4	100.2
2021	15831	100.6	100.6	100.4	100.1	100.3	101.3	100.1
2022	2385	101.2	100.7	100.9	100.5	100.5	101.9	100.2

Tabel: 28 Holstein Friesian - roodbont: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	20	96.0	97.5	96.0	97.5	94.3	97.5
1981	39	94.5	98.4	94.5	98.4	93.1	97.3
1982	49	94.4	98.8	94.4	98.8	92.6	97.7
1983	64	93.8	98.8	93.8	98.8	92.0	97.4
1984	163	94.1	98.3	94.1	98.3	92.3	97.0
1985	220	95.1	98.3	95.1	98.3	93.6	97.7

1986	462	94.7	98.4	94.7	98.4	93.2	97.7
1987	813	94.4	98.7	94.4	98.7	93.0	98.0
1988	1522	94.6	98.6	94.6	98.6	93.3	97.8
1989	2411	94.5	98.4	94.5	98.4	93.2	97.6
1990	3786	94.3	98.2	94.3	98.2	92.9	97.3
1991	6114	94.3	98.5	94.3	98.5	93.1	97.4
1992	8406	94.3	98.5	94.3	98.5	93.1	97.4
1993	11597	94.8	98.7	94.8	98.7	93.6	97.6
1994	16120	94.4	98.8	94.4	98.8	93.9	97.3
1995	18253	94.6	98.8	94.6	98.8	93.9	97.3
1996	21782	94.7	98.6	94.7	98.6	93.8	97.6
1997	24827	95.0	98.8	95.0	98.8	94.0	97.7
1998	34510	95.1	98.6	95.1	98.6	94.0	97.4
1999	39641	95.5	99.1	95.5	99.1	94.2	98.1
2000	48453	95.8	98.8	95.8	98.8	94.6	98.5
2001	51199	95.9	98.6	95.9	98.6	94.6	98.4
2002	55338	95.9	98.3	95.9	98.3	94.3	98.1
2003	57218	95.8	97.9	95.8	97.9	94.2	98.0
2004	58733	95.9	97.7	95.9	97.7	94.5	98.0
2005	59151	96.1	97.6	96.1	97.6	95.0	98.1
2006	58753	96.3	97.6	96.3	97.6	95.2	97.9
2007	59397	96.4	97.2	96.4	97.2	95.2	97.7
2008	67029	96.9	97.4	96.9	97.4	95.7	97.8
2009	70560	96.9	97.2	96.9	97.2	96.0	97.6
2010	70128	97.0	97.4	97.0	97.4	96.5	97.8
2011	68880	97.4	97.4	97.4	97.4	97.1	97.9
2012	71085	97.9	97.4	97.9	97.4	97.6	98.1
2013	72274	98.1	97.3	98.1	97.3	98.1	98.1
2014	73373	98.4	97.7	98.4	97.7	98.6	98.4
2015	72810	98.2	98.0	98.2	98.0	98.7	98.7
2016	70590	98.3	98.3	98.3	98.3	99.0	98.8
2017	60781	98.5	98.6	98.5	98.6	99.4	99.0
2018	57157	98.8	99.3	98.8	99.3	99.5	99.5
2019	51183	99.2	99.5	99.2	99.5	100.0	99.9
2020	52784	99.3	99.7	99.3	99.7	100.1	99.9
2021	53705	99.5	99.6	99.5	99.6	100.2	99.8
2022	53651	99.6	100.0	99.6	100.0	100.2	99.9
2023	52850	99.8	100.3	99.8	100.3	100.3	100.2
2024	21927	99.8	100.6	99.8	100.6	100.3	100.4

Tabel: 29 Holstein Friesian - roodbont: Geboortekkenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	23	97.2	106.2	101.1	95.9	98.4	100.3
1981	34	95.8	105.9	102.6	96.2	99.1	100.2
1982	45	94.9	106.6	103.7	97.8	99.1	99.6

1983	69	94.9	106.4	103.8	97.5	99.0	99.7
1984	165	95.2	106.1	103.3	96.9	98.9	99.7
1985	215	96.4	105.1	102.1	97.0	98.6	98.8
1986	379	96.7	104.8	101.9	97.1	98.3	98.5
1987	595	96.9	104.7	101.7	96.5	98.7	99.7
1988	1041	97.4	104.3	101.3	96.6	98.5	99.3
1989	1426	96.8	105.0	101.7	96.2	98.8	99.7
1990	2176	96.4	105.0	102.0	95.8	98.8	100.1
1991	3182	95.9	104.8	102.4	96.3	98.8	99.0
1992	4258	96.0	104.7	102.2	96.7	98.6	98.2
1993	4657	96.4	104.2	102.0	97.0	98.4	98.1
1994	6578	95.3	104.5	103.1	96.8	98.2	99.2
1995	7707	95.1	104.7	103.3	96.9	98.1	99.0
1996	9095	95.1	104.9	103.3	97.0	98.4	98.5
1997	10196	95.3	105.0	103.2	97.2	99.1	98.6
1998	14122	94.8	104.7	103.5	96.8	99.0	99.1
1999	16366	95.4	103.8	103.1	97.3	98.7	98.4
2000	21093	95.7	103.0	102.8	97.3	97.9	97.8
2001	24272	95.4	103.1	103.2	96.9	98.0	98.6
2002	25578	94.9	104.0	103.7	96.6	98.5	99.2
2003	27959	94.5	103.9	104.0	96.5	99.0	99.1
2004	30076	94.7	103.6	103.9	96.7	99.6	99.2
2005	33965	95.0	103.6	103.7	96.9	99.6	99.1
2006	35923	95.4	103.1	103.5	96.5	99.5	99.4
2007	40633	95.8	103.2	103.2	96.1	99.7	99.8
2008	46689	96.3	102.9	102.8	96.4	99.5	99.9
2009	51860	96.1	102.7	103.1	96.8	99.6	99.6
2010	52792	96.3	102.5	103.1	96.9	99.3	99.6
2011	52542	96.4	102.6	103.2	97.0	99.3	99.8
2012	53461	96.9	102.4	102.8	97.1	99.1	99.8
2013	56044	97.2	102.2	102.4	97.1	99.1	99.9
2014	56645	97.5	101.7	102.2	97.5	98.8	99.7
2015	54662	97.6	101.5	102.2	97.8	98.9	99.9
2016	50507	98.0	101.4	101.9	98.2	99.0	100.0
2017	42478	98.3	101.3	101.6	98.7	99.1	100.1
2018	38912	98.5	100.8	101.4	99.6	99.3	99.9
2019	34073	98.8	100.6	101.3	100.2	99.5	99.7
2020	34265	99.1	100.5	101.0	100.6	99.7	99.5
2021	31506	99.3	100.2	100.8	100.8	99.9	99.5
2022	24107	99.3	100.1	100.8	101.0	100.0	99.7
2023	19981	99.6	99.7	100.6	101.3	100.0	99.7
2024	7927	99.8	99.7	100.5	101.6	100.3	99.7

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Tabel: 30 Holstein Friesian - roodbont: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: NL

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Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									

1980	23	103.8	110.6	95.3	102.9	106.8	98.3	102.6	98.7	109.0
99.4	101.8									
1981	39	104.5	108.8	96.1	103.1	106.6	98.3	104.1	97.4	108.1
99.4	103.1									
1982	54	103.8	108.3	96.6	102.3	106.0	97.6	103.6	98.0	107.6
98.8	102.4									
1983	71	103.9	107.8	97.1	102.5	105.6	98.0	103.7	98.0	107.2
98.9	103.1									
1984	172	103.7	106.7	97.5	102.1	105.0	97.7	103.7	98.0	106.4
98.7	102.6									
1985	252	104.0	107.8	96.4	102.5	105.4	97.4	103.8	98.3	106.7
98.7	102.7									
1986	449	104.0	106.7	96.8	102.1	105.0	97.4	104.0	98.3	106.1
98.7	102.6									
1987	798	104.4	107.3	97.0	102.2	106.0	97.2	104.4	97.6	107.1
98.3	103.3									
1988	1369	104.2	107.0	97.1	101.8	105.9	97.0	104.3	97.5	106.9
98.1	103.0									
1989	2111	104.0	106.9	97.6	101.9	105.5	97.5	104.1	97.5	106.7
98.4	103.0									
1990	3320	104.0	107.2	97.6	102.0	105.6	97.6	104.0	97.7	106.9
98.6	102.8									
1991	5025	103.9	106.0	98.0	101.4	105.3	97.4	104.0	97.7	106.3
98.4	102.6									
1992	7603	104.0	106.3	97.9	101.4	105.5	97.5	103.9	98.0	106.6
98.4	102.5									
1993	9211	103.5	105.5	98.1	101.2	104.8	97.6	103.7	97.9	105.8
98.5	102.1									
1994	11896	104.1	106.5	98.2	102.4	104.9	98.2	103.8	98.6	106.4
98.6	104.0									
1995	13531	103.9	106.1	98.7	102.2	104.5	98.6	103.5	98.9	105.9
99.1	103.7									
1996	17316	103.4	105.8	99.0	102.1	104.1	99.0	103.1	98.4	106.1
98.9	103.7									
1997	21015	103.0	105.6	98.8	102.1	103.6	99.0	102.7	98.5	105.6
98.8	103.2									
1998	27148	102.8	104.8	98.9	102.0	103.4	98.7	102.6	98.7	105.1
98.2	103.3									
1999	33735	102.5	104.6	98.5	101.9	103.0	98.5	102.3	98.7	104.7
98.0	102.9									
2000	37871	102.4	103.8	98.5	101.6	102.6	98.8	101.7	99.8	104.4
98.0	102.6									
2001	42156	102.2	103.2	99.5	101.3	102.3	99.3	101.5	100.0	103.9
98.7	102.2									
2002	48028	102.4	102.9	100.0	101.4	102.4	99.5	101.8	99.9	103.5
99.0	102.2									

2003	48276	102.2	102.4	100.3	101.4	101.9	99.6	101.7	100.3	102.9
	99.1	102.0								
2004	50209	102.2	101.8	100.0	101.3	101.7	99.3	101.5	100.5	102.6
	98.6	102.0								
2005	51491	101.4	101.4	100.2	101.1	101.2	99.7	100.9	100.1	102.2
	98.8	101.8								
2006	51578	101.4	100.9	100.4	100.8	100.9	99.7	100.8	100.6	101.7
	99.1	101.2								
2007	48404	100.9	100.6	100.4	100.5	100.4	99.9	100.6	100.2	101.2
	99.3	100.8								
2008	51052	101.0	100.2	100.5	100.4	100.4	99.9	100.7	100.2	100.9
	99.6	100.5								
2009	52766	100.5	100.4	99.9	100.9	100.1	100.1	100.5	99.5	100.7
	99.5	100.5								
2010	48874	100.4	99.7	100.3	100.2	99.9	99.9	100.4	99.7	100.3
	99.4	100.2								
2011	42718	100.2	99.1	100.4	99.8	99.7	99.8	100.3	99.7	100.0
	99.3	100.0								
2012	36649	100.3	98.9	100.5	99.5	99.8	99.7	100.4	99.5	100.0
	99.3	100.0								
2013	34179	100.3	98.6	100.8	99.3	99.9	99.7	100.5	99.4	99.9
	99.5	100.0								
2014	30500	100.2	98.2	101.3	99.3	99.7	99.8	100.5	99.3	99.6
	99.9	99.8								
2015	26074	100.1	97.7	101.5	99.2	99.3	100.1	100.4	99.3	99.2
	100.2	99.6								
2016	22878	99.8	97.6	101.4	99.4	99.1	100.2	100.4	98.7	99.1
	100.2	99.6								
2017	19496	100.1	97.6	101.5	99.7	99.1	100.2	100.7	98.8	99.0
	100.5	99.8								
2018	18106	100.2	97.2	101.8	99.7	99.1	100.4	100.8	98.9	98.8
	101.0	99.7								
2019	17046	100.2	96.8	102.4	99.3	99.3	100.4	100.9	98.9	98.7
	101.2	99.5								
2020	17086	100.3	96.7	102.7	99.3	99.3	100.4	101.1	98.9	98.6
	101.4	99.6								
2021	15160	100.6	96.8	103.4	99.8	99.4	100.5	101.5	98.6	98.7
	101.5	100.3								
2022	2104	100.8	96.7	103.7	99.8	99.4	100.6	101.7	98.6	98.6
	101.7	100.5								

Tabel: 31 Holstein Friesian - roodbont: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	20	97.0	99.0	97.6

1981	36	97.6	99.2	98.2
1982	48	96.7	98.7	97.5
1983	65	97.1	98.8	97.7
1984	158	96.9	98.6	97.4
1985	220	97.1	98.8	97.8
1986	457	97.0	98.6	97.8
1987	803	97.1	98.5	97.8
1988	1511	97.2	98.5	98.0
1989	2368	97.1	98.4	97.9
1990	3734	97.1	98.5	97.7
1991	5945	96.7	98.2	97.7
1992	8232	96.4	98.0	97.7
1993	11915	96.5	98.2	97.9
1994	17160	97.0	98.7	97.9
1995	19749	97.0	98.8	97.6
1996	23617	96.9	98.9	97.1
1997	27046	96.8	98.7	97.1
1998	37355	96.8	98.6	97.5
1999	42989	97.2	98.9	97.9
2000	52041	97.0	98.7	98.2
2001	54546	97.2	98.7	98.2
2002	59181	97.4	98.9	98.1
2003	60793	97.5	99.0	98.0
2004	61544	97.9	99.2	98.4
2005	61427	98.1	99.2	98.8
2006	59945	98.1	99.2	98.5
2007	60087	98.1	99.2	98.5
2008	67426	97.9	98.9	98.4
2009	70594	97.9	98.7	98.7
2010	69426	97.7	98.5	98.5
2011	68114	97.9	98.7	98.5
2012	70219	98.3	99.0	98.8
2013	71248	98.5	99.1	99.0
2014	72419	98.3	98.9	98.9
2015	70423	98.5	99.0	99.0
2016	67138	98.9	99.4	99.2
2017	55740	99.4	99.7	99.5
2018	50333	99.6	99.6	99.8
2019	44308	99.8	99.8	99.9
2020	46278	99.8	99.7	99.9
2021	48005	100.0	99.7	100.1
2022	49475	99.9	99.4	100.2
2023	49905	100.1	99.4	100.3
2024	20535	100.3	99.4	100.4

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Tabel: 32 Holstein Friesian - roodbont: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

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Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36344	-4996.5	-17657.7	-755.1	-635.2
2002	37171	-4872.6	-17196.5	-734.7	-620.6
2003	38879	-4698.3	-16640.8	-707.8	-598.8
2004	40725	-4566.3	-16236.5	-686.3	-583.1
2005	43600	-4331.4	-15404.1	-651.8	-552.6
2006	46123	-4053.9	-14330.0	-612.7	-515.3
2007	46144	-3872.4	-13693.5	-584.9	-492.5
2008	50310	-3666.4	-12958.9	-556.4	-464.4
2009	50863	-3482.7	-12230.3	-531.3	-439.3
2010	51695	-3286.6	-11579.7	-502.3	-413.9
2011	52179	-3012.5	-10631.8	-459.8	-379.8
2012	53850	-2740.7	-9673.3	-418.2	-345.6
2013	55826	-2513.0	-8894.0	-385.4	-315.5
2014	54896	-2327.1	-8221.7	-359.0	-290.7
2015	48634	-2042.9	-7240.2	-318.4	-253.0
2016	42986	-1709.5	-5994.2	-268.4	-210.3
2017	37890	-1495.7	-5164.4	-237.4	-182.2
2018	36219	-1020.5	-3478.7	-164.6	-122.5
2019	35544	-511.6	-1972.6	-81.4	-62.2
2020	37073	-93.4	-674.7	-14.2	-11.8
2021	36360	437.8	1008.1	71.2	52.2
2022	10199	635.1	1704.7	100.9	77.3

Tabel: 33 Holstein Friesian - roodbont: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1981	11	97.0	84.3	102.4	90.0
1982	14	96.0	85.1	102.6	90.1
1983	24	96.0	83.6	102.0	88.5
1984	46	95.5	84.9	102.2	88.6
1985	40	96.8	85.3	102.2	90.2
1986	82	96.4	84.5	102.3	89.3
1987	103	95.9	84.4	102.2	88.4
1988	183	95.8	84.4	102.4	88.6
1989	233	96.4	84.8	102.4	89.5
1990	297	95.9	84.2	102.2	88.5
1991	441	96.0	84.3	102.5	88.4
1992	626	95.9	83.8	102.4	88.2
1993	724	95.4	83.7	102.2	87.6
1994	1044	96.8	79.2	103.1	86.9
1995	1157	96.8	80.3	103.1	87.5
1996	1535	96.9	80.6	103.0	87.6
1997	2012	96.6	81.0	102.7	87.1
1998	2968	96.7	80.5	102.8	87.0

1999	3798	96.1	80.8	102.8	86.5
2000	5137	95.9	81.5	102.3	86.5
2001	6167	96.0	82.1	102.0	86.7
2002	6939	96.2	82.9	101.9	87.1
2003	7675	96.3	83.7	101.7	87.4
2004	8795	96.6	84.0	101.9	88.0
2005	9981	97.1	84.3	102.2	88.9
2006	10776	97.0	85.1	101.7	88.9
2007	11201	97.3	85.7	101.6	89.5
2008	13024	97.1	86.2	101.4	89.4
2009	15685	96.3	86.8	101.7	89.4
2010	18558	96.8	87.5	101.3	90.0
2011	19311	97.4	88.7	101.0	91.1
2012	20298	97.8	89.8	100.8	92.0
2013	21727	98.5	91.0	100.5	93.2
2014	21411	98.8	92.4	100.5	94.3
2015	19528	99.2	94.0	100.2	95.5
2016	17586	99.3	95.8	100.3	96.8
2017	15224	99.4	97.1	99.7	97.3
2018	14456	99.9	98.7	99.3	98.6
2019	14034	100.1	100.2	99.5	99.8
2020	15095	100.1	101.2	99.6	100.5
2021	15976	99.6	102.4	99.9	101.1
2022	5926	99.2	102.9	99.9	101.1

Tabel: 34 Holstein Friesian - roodbont: Overige productie en efficiency kenm.

Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	34	94.2	99.4	0	0.0	0.0	0	0.0
1981	58	93.7	99.4	0	0.0	0.0	0	0.0
1982	82	94.1	99.5	0	0.0	0.0	0	0.0
1983	104	93.9	99.2	0	0.0	0.0	0	0.0
1984	253	93.5	98.4	0	0.0	0.0	0	0.0
1985	400	92.9	98.3	353	-6.5	263.4	0	0.0
1986	685	93.2	98.3	610	-6.1	240.1	0	0.0
1987	1198	93.0	98.2	934	-5.8	211.0	0	0.0
1988	2403	93.3	98.2	1553	-5.4	188.4	0	0.0
1989	3571	93.4	98.3	2011	-5.2	177.4	0	0.0
1990	4825	93.3	98.1	2739	-5.1	173.0	0	0.0
1991	6455	93.4	97.7	3809	-5.0	167.7	0	0.0
1992	8432	93.3	97.7	5009	-5.0	164.9	0	0.0
1993	9976	93.2	97.5	5422	-4.9	162.8	0	0.0
1994	12175	92.9	97.7	6768	-4.1	124.7	0	0.0
1995	13600	93.4	97.7	7497	-4.1	124.0	0	0.0
1996	15354	93.6	97.5	8718	-3.8	115.6	0	0.0

1997	16771	93.5	97.4	10190	-3.6	103.5	0	0.0
1998	23187	93.5	97.6	14146	-3.4	97.1	0	0.0
1999	26199	93.4	97.5	16301	-3.2	93.8	0	0.0
2000	32081	93.9	97.9	20296	-3.0	92.3	0	0.0
2001	36326	94.5	98.1	22414	-2.9	84.6	22398	95.0
2002	37124	94.4	97.9	23233	-2.6	75.6	23224	95.6
2003	38851	94.5	98.0	24325	-2.4	66.1	24314	96.1
2004	40668	94.6	98.1	25911	-2.1	60.6	25888	96.5
2005	43519	94.8	98.2	27737	-2.0	61.0	27681	96.3
2006	45983	95.4	98.7	28515	-1.9	55.7	28463	96.7
2007	45985	95.6	98.7	28373	-1.8	53.4	28298	96.8
2008	50064	95.7	99.0	30427	-1.7	52.1	30318	96.8
2009	50552	95.5	99.4	31220	-1.6	42.2	31030	97.6
2010	51308	95.8	99.4	31812	-1.5	42.4	31551	97.5
2011	51776	96.2	99.5	31425	-1.3	40.1	31003	97.6
2012	53374	96.4	99.7	31629	-1.2	38.9	31093	97.6
2013	55374	96.6	99.9	31530	-1.1	36.3	30856	97.8
2014	54336	96.9	99.9	30093	-1.0	30.9	29093	98.1
2015	48068	97.2	100.1	27505	-0.9	26.9	25833	98.5
2016	42312	97.7	100.0	25319	-0.7	20.1	22870	99.1
2017	37369	98.2	100.1	23095	-0.4	12.2	19772	99.9
2018	35704	98.6	100.5	22219	-0.2	8.2	18449	100.1
2019	34976	99.2	100.6	20958	0.1	6.4	17519	100.1
2020	36578	99.8	101.0	21085	0.3	1.4	17579	100.5
2021	36016	100.5	101.4	19679	0.8	-11.2	15524	101.8
2022	11194	101.2	101.6	11127	1.1	-7.9	2203	102.3
2023	0	0.0	0.0	9037	1.4	-5.0	0	0.0
2024	0	0.0	0.0	3133	1.6	-3.9	0	0.0

Tabel: 35 Holstein Friesian - roodbont: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	10	100.0	0	0.0	0	0.0	10	98.7
1981	21	99.3	3	98.0	2	94.5	21	96.6
1982	25	99.6	2	97.5	1	95.0	25	96.6
1983	35	99.8	1	98.0	0	0.0	35	95.8
1984	76	99.7	3	97.7	1	97.0	76	95.2
1985	71	99.6	3	97.7	1	97.0	71	95.2
1986	158	99.6	3	98.3	3	97.0	158	94.6
1987	208	99.5	7	97.9	6	95.3	208	94.4
1988	359	99.6	3	97.3	2	99.5	359	94.5
1989	466	99.5	11	97.0	7	95.0	466	94.3
1990	675	99.5	30	97.2	24	95.3	675	94.2
1991	972	99.2	64	97.1	60	96.4	972	93.5
1992	1372	99.3	43	96.6	43	96.3	1372	93.5
1993	1525	99.2	62	97.1	59	96.6	1525	93.4

1994	2076	98.7	300	98.8	296	95.5	2076	93.2
1995	2407	99.0	314	99.5	295	95.5	2407	93.5
1996	2964	98.9	370	98.9	310	95.7	2964	93.4
1997	3834	98.3	600	97.8	488	95.7	3834	92.4
1998	5651	98.4	953	97.9	816	97.7	5651	92.3
1999	7277	98.7	1199	98.8	1072	97.4	7277	92.9
2000	10170	99.0	1827	99.9	1728	97.2	10170	93.7
2001	12328	99.6	2090	100.7	1963	97.5	12328	93.9
2002	14291	99.6	2566	100.7	2430	97.7	14291	94.1
2003	16495	99.6	3022	100.4	2867	97.7	16495	94.5
2004	19217	99.4	3587	100.0	3461	98.0	19217	94.2
2005	22913	99.0	4042	99.3	3962	97.9	22913	94.4
2006	26114	99.0	4615	99.5	4522	97.8	26113	94.7
2007	28881	99.0	4775	99.4	4643	98.0	28881	94.8
2008	35569	99.5	5533	100.0	5439	98.1	35569	95.1
2009	40610	100.0	5948	100.5	5865	98.2	40610	96.2
2010	46656	99.9	6235	100.5	6205	98.5	46656	96.1
2011	47764	99.7	6417	100.2	6405	98.4	47764	96.1
2012	49151	99.4	6753	99.7	6768	98.3	49151	96.0
2013	50684	99.2	7152	99.5	7131	98.3	50684	96.4
2014	49876	99.4	6918	99.7	6898	98.4	49876	97.1
2015	44252	99.8	5684	100.2	5677	98.6	44252	97.8
2016	39052	100.0	4488	100.4	4493	98.7	39052	98.3
2017	34372	100.1	2953	100.4	2960	99.0	34372	98.7
2018	33013	100.3	1963	100.3	1977	99.5	33013	99.0
2019	32317	100.4	1343	100.5	1371	99.7	32317	99.5
2020	33289	100.5	1037	100.4	1101	99.6	33289	100.2
2021	32562	100.4	692	100.5	795	99.6	32562	100.9
2022	10413	100.3	108	100.4	140	99.5	10413	101.3

Tabel: 36 Holstein Friesian - roodbont: Reproductiestoornissen  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1983	13	99.6	98.2	100.5	99.3	99.4	98.1
1984	29	100.2	98.5	101.2	99.2	99.7	98.8
1985	21	100.0	98.7	100.8	99.4	99.5	98.2
1986	37	99.5	97.9	100.1	99.4	99.1	97.4
1987	42	100.0	98.5	100.7	99.3	99.6	98.2
1988	76	100.3	99.0	101.1	99.3	100.1	98.9
1989	93	100.6	99.4	101.1	99.5	100.5	99.1
1990	126	100.5	99.3	100.8	99.5	100.4	98.9
1991	175	100.5	99.2	100.9	99.9	99.8	98.4
1992	210	100.4	99.0	100.8	99.9	99.8	98.1
1993	223	100.3	98.9	100.8	99.7	99.7	98.4
1994	507	100.7	100.0	101.4	99.8	99.3	98.6
1995	551	100.2	99.4	100.9	99.4	99.1	98.0

1996	807	99.3	98.4	100.1	98.7	99.0	97.3
1997	1119	99.3	98.0	99.9	98.7	99.1	97.8
1998	1661	99.2	98.1	99.7	98.9	98.6	97.6
1999	2243	99.7	98.4	100.2	99.4	98.7	97.6
2000	3062	99.8	98.9	100.3	99.5	98.3	97.6
2001	3654	100.0	99.3	100.4	99.4	98.7	97.9
2002	4262	99.7	98.7	100.1	99.2	98.7	98.0
2003	4781	99.8	99.1	100.0	99.0	98.8	98.3
2004	5541	99.8	99.2	99.9	99.1	98.9	98.2
2005	6136	100.2	99.5	100.0	99.6	99.4	98.3
2006	7032	100.9	100.6	100.5	100.0	99.8	99.2
2007	7179	101.1	101.0	100.7	99.9	100.1	99.5
2008	8236	101.5	101.4	101.2	100.2	100.1	100.0
2009	8882	101.7	101.7	101.2	100.4	100.2	100.2
2010	9240	101.7	101.7	101.1	100.5	100.2	100.1
2011	9496	101.5	101.5	100.7	100.4	100.1	99.9
2012	9774	101.5	101.3	100.6	100.6	100.0	99.7
2013	10305	101.4	101.2	100.5	100.6	100.0	99.8
2014	9948	101.3	100.7	100.6	100.6	99.9	99.6
2015	8213	101.1	100.3	100.4	100.4	100.1	99.5
2016	6641	100.8	99.9	100.2	100.1	100.0	99.4
2017	4677	101.1	99.9	100.3	100.4	100.5	99.8
2018	3508	101.0	99.5	100.4	100.1	101.0	100.1
2019	2687	101.0	99.4	100.6	100.0	101.4	100.3
2020	2277	101.0	99.3	100.7	99.9	101.5	100.4
2021	1737	101.1	99.4	100.9	99.9	101.7	100.5
2022	297	101.3	99.5	101.1	100.2	101.9	100.6

Tabel: 37 Holstein - Fries Hollands zwartbont: Melkproductiekenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	1769	-3007.1	-104.7	-110.2	-136.8	40.0	-9.2	0.8	-787.8
1981	4121	-2943.4	-100.1	-106.4	-133.9	42.7	-6.4	0.8	-757.7
1982	8381	-2902.0	-99.0	-106.2	-132.0	41.4	-8.4	0.8	-753.5
1983	16609	-2775.0	-94.6	-102.6	-126.2	38.9	-9.6	0.8	-725.2
1984	28222	-2772.7	-94.4	-101.6	-126.1	39.3	-7.8	0.8	-720.0
1985	46066	-2817.9	-94.5	-101.3	-128.2	42.9	-4.8	0.8	-719.1
1986	66642	-2808.1	-92.9	-99.3	-127.7	44.9	-2.0	0.8	-705.7
1987	86940	-2724.5	-90.9	-96.5	-123.9	41.9	-2.1	0.8	-687.8
1988	113452	-2638.8	-87.6	-93.5	-120.0	40.7	-1.9	0.8	-664.6
1989	117189	-2571.1	-83.8	-91.3	-116.9	41.5	-2.2	0.8	-643.9
1990	100521	-2505.2	-82.3	-88.9	-113.9	39.2	-2.0	0.7	-629.2
1991	79363	-2333.4	-77.2	-83.0	-106.1	34.9	-2.1	0.7	-588.6
1992	63094	-2177.3	-74.7	-78.8	-98.9	27.8	-3.9	0.7	-562.8
1993	52503	-2099.2	-72.8	-76.1	-95.4	25.2	-3.9	0.7	-545.6
1994	38965	-1983.6	-70.9	-72.9	-90.1	20.5	-5.0	0.7	-526.0



1995	34477	-1886.8	-67.1	-69.3	-85.7	19.8	-4.7	0.7	-499.5
1996	26176	-1809.7	-65.2	-66.5	-82.1	17.7	-4.4	0.7	-481.5
1997	18875	-1759.5	-62.2	-64.1	-79.9	18.7	-3.4	0.7	-462.4
1998	14395	-1695.6	-60.5	-62.1	-76.9	17.2	-3.7	0.7	-448.5
1999	11270	-1633.4	-58.0	-59.7	-74.1	16.9	-3.3	0.6	-430.6
2000	8598	-1516.7	-54.6	-56.5	-69.0	14.6	-4.4	0.4	-406.6
2001	7112	-1451.1	-52.0	-53.7	-67.5	14.2	-3.7	-1.5	-387.2
2002	5462	-1379.2	-52.0	-51.8	-64.6	10.0	-4.4	-2.1	-379.1
2003	4879	-1337.4	-49.8	-50.6	-63.6	10.4	-4.8	-3.2	-367.2
2004	4298	-1246.1	-47.6	-47.6	-59.2	8.0	-5.0	-3.0	-347.8
2005	3808	-1198.1	-46.9	-46.4	-56.7	6.2	-5.6	-2.5	-340.3
2006	3460	-1129.7	-45.3	-43.1	-52.7	4.5	-4.3	-1.4	-321.1
2007	3011	-1032.2	-44.3	-40.6	-48.2	0.5	-5.5	-1.4	-307.6
2008	2875	-933.0	-42.9	-37.9	-43.7	-3.2	-6.3	-1.4	-291.9
2009	2455	-940.1	-41.7	-37.1	-43.9	-1.4	-5.0	-1.2	-284.8
2010	2141	-904.7	-41.0	-35.6	-42.5	-2.2	-4.7	-1.4	-276.1
2011	1795	-846.3	-38.4	-33.5	-39.1	-2.1	-4.6	-0.5	-259.4
2012	1667	-847.5	-36.4	-32.4	-39.4	0.6	-3.1	-0.8	-248.6
2013	1630	-821.8	-35.4	-31.1	-38.3	0.4	-2.6	-1.0	-240.0
2014	1443	-781.8	-34.2	-29.9	-36.5	-0.1	-2.7	-0.9	-231.2
2015	1181	-676.8	-30.4	-26.6	-31.5	-0.9	-3.1	-0.7	-205.5
2016	867	-629.9	-26.0	-23.9	-29.6	2.1	-1.7	-1.1	-180.5
2017	664	-604.9	-25.7	-22.0	-28.7	1.2	-0.6	-1.3	-171.9
2018	579	-500.4	-20.0	-17.6	-23.4	2.7	0.4	-0.7	-135.9
2019	472	-523.2	-19.7	-16.9	-24.4	4.2	2.1	-0.6	-131.8
2020	468	-429.4	-13.4	-13.1	-20.4	6.6	2.7	-1.0	-96.8
2021	387	-376.0	-10.3	-11.0	-18.1	7.5	3.0	-1.1	-78.4
2022	109	-435.9	-10.5	-11.5	-21.8	9.9	4.7	-2.1	-81.3

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 38 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bouw  
Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	2557	82.6	91.9	83.8	81.9	105.5	96.0	93.3
1981	5878	83.3	92.9	84.7	82.3	106.2	95.7	93.5
1982	12679	83.2	93.4	85.3	82.9	106.1	95.6	94.0
1983	23014	83.7	93.5	85.6	83.5	105.4	95.3	93.9
1984	31856	84.0	93.7	86.4	84.2	105.0	95.3	94.0
1985	43406	83.9	93.8	86.6	84.3	105.0	95.2	94.0
1986	54544	84.1	94.2	86.9	84.4	105.0	94.9	93.9
1987	60459	84.9	94.1	87.6	85.2	104.3	95.2	94.8
1988	64828	85.2	94.3	88.7	86.0	103.8	95.3	95.5
1989	60010	85.6	94.6	89.2	86.4	103.5	95.7	95.5
1990	50574	85.9	94.4	89.3	86.5	103.2	96.1	95.4
1991	40734	86.5	95.1	89.6	87.1	102.9	96.1	95.0
1992	32985	86.9	95.2	90.0	87.4	102.6	96.3	95.2

1993	25630	87.1	95.0	89.9	87.3	102.3	96.2	95.3
1994	17944	87.2	94.4	90.1	87.9	101.5	96.7	95.7
1995	15485	87.4	94.2	90.1	88.4	101.2	96.5	95.0
1996	11279	87.8	94.5	90.4	88.9	100.9	96.7	94.9
1997	8075	88.3	94.3	90.8	89.3	100.6	96.9	94.9
1998	6026	88.7	94.6	91.4	90.0	100.4	96.6	94.9
1999	4703	89.1	94.6	91.7	90.4	100.1	97.3	95.1
2000	3589	89.9	94.5	92.3	91.1	99.6	97.9	95.6
2001	2899	90.3	94.2	92.3	91.8	99.2	97.8	95.7
2002	2318	90.6	93.9	92.3	91.8	98.8	98.2	95.6
2003	1991	91.0	94.6	93.0	92.4	98.6	98.2	95.6
2004	1784	91.5	94.4	93.2	92.5	98.3	98.7	95.7
2005	1604	92.0	94.8	93.5	92.7	98.5	99.0	96.3
2006	1355	92.6	95.6	94.0	92.5	99.2	99.0	97.1
2007	1068	92.9	95.3	94.3	93.1	98.7	99.1	97.0
2008	1025	93.6	95.7	94.9	93.5	98.9	99.5	97.6
2009	891	93.2	95.7	94.5	92.7	99.4	99.0	97.4
2010	727	93.5	95.7	94.4	93.4	99.4	99.2	97.6
2011	556	93.8	96.2	95.2	94.4	99.7	98.8	97.6
2012	444	94.3	96.9	95.7	94.9	100.3	99.0	97.4
2013	438	94.8	97.1	95.7	94.8	100.3	99.1	97.8
2014	356	95.1	97.2	95.8	94.9	100.3	99.5	97.5
2015	316	95.2	97.3	96.1	95.4	100.2	99.1	98.2
2016	231	95.1	97.4	96.1	95.3	100.5	99.5	98.2
2017	176	96.2	97.3	96.6	96.2	100.5	99.4	98.8
2018	121	96.7	97.2	96.7	96.8	100.2	100.6	98.5
2019	111	96.8	97.5	96.7	96.7	100.7	100.2	98.5
2020	71	96.5	98.0	96.5	96.4	101.4	100.5	99.2
2021	67	96.8	97.9	96.6	96.5	100.9	100.5	99.5
2022	10	96.8	97.8	96.5	96.6	100.8	100.4	99.2

Tabel: 39 Holstein - Fries Hollands zwartbont: Exterieurkenmerken  
beenwerk

Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	2557	88.5	102.4	97.0	92.6	86.6
1981	5878	89.7	102.2	96.8	92.8	87.9
1982	12679	89.5	102.7	96.4	93.3	87.6
1983	23014	89.9	102.9	96.6	93.7	87.9
1984	31856	89.9	102.8	96.3	94.0	88.1
1985	43406	90.1	102.4	96.5	94.3	88.3
1986	54544	90.4	102.2	96.5	94.6	88.5
1987	60459	90.7	102.4	96.4	94.3	88.7
1988	64828	90.8	103.1	95.8	94.4	88.7
1989	60010	91.0	103.3	95.9	94.8	88.9
1990	50574	91.0	103.2	95.8	94.9	89.1

1991	40734	90.8	103.4	95.4	95.2	89.5
1992	32985	90.9	103.4	95.3	95.1	89.9
1993	25630	91.4	103.3	95.4	95.1	90.2
1994	17944	91.5	103.0	95.7	94.7	90.3
1995	15485	91.7	102.9	95.9	94.7	90.9
1996	11279	91.7	103.3	95.6	94.7	91.1
1997	8075	91.8	103.1	95.4	94.6	91.5
1998	6026	91.8	103.6	95.3	94.6	91.5
1999	4703	92.0	103.8	95.1	94.4	91.6
2000	3589	92.4	103.5	95.2	94.5	92.1
2001	2899	92.4	103.1	95.4	94.7	92.3
2002	2318	92.3	102.9	95.5	94.4	92.4
2003	1991	92.6	103.6	94.8	95.2	92.7
2004	1784	92.9	103.4	95.9	96.0	92.9
2005	1604	93.3	103.4	96.0	95.3	93.2
2006	1355	93.1	103.0	96.4	95.7	93.1
2007	1068	93.7	102.6	96.9	94.3	93.4
2008	1025	93.8	102.4	97.1	95.0	93.7
2009	891	94.0	102.7	96.9	94.5	93.8
2010	727	93.9	102.1	97.3	95.9	94.1
2011	556	94.3	102.5	97.0	96.4	94.1
2012	444	94.6	102.3	97.1	97.0	94.4
2013	438	95.3	102.3	97.3	96.4	94.8
2014	356	95.8	102.5	97.0	96.7	95.2
2015	316	96.0	102.5	97.6	97.4	95.7
2016	231	96.5	102.4	97.6	97.6	96.4
2017	176	98.2	101.7	98.5	98.2	97.6
2018	121	97.9	101.7	98.6	98.2	97.4
2019	111	98.1	101.0	99.0	98.3	97.8
2020	71	98.4	100.8	99.0	98.9	98.3
2021	67	98.8	100.9	98.9	99.3	98.5
2022	10	100.5	102.5	97.7	99.4	99.8

Tabel: 40 Holstein - Fries Hollands zwartbont: Exterieurkenmerken uier  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1980	2557	88.6	85.7	100.9	90.5	83.0	88.2	87.2
91.2								
1981	5878	88.7	85.6	100.9	90.6	83.1	88.6	87.4
91.1								
1982	12679	88.3	85.8	100.7	90.1	82.8	88.2	87.5
90.8								
1983	23014	88.2	86.3	100.8	90.1	83.3	88.8	87.9
91.0								

1984	31856	88.2	86.2	100.6	89.8	84.0	89.1	88.1
91.2								
1985	43406	88.5	86.0	100.6	90.0	84.6	89.1	87.9
91.3								
1986	54544	88.5	86.0	100.7	90.0	84.8	89.3	87.9
91.2								
1987	60459	88.5	86.9	100.5	89.9	85.2	90.0	88.7
91.1								
1988	64828	88.5	87.8	100.3	89.2	85.4	90.4	89.4
90.9								
1989	60010	88.8	88.4	100.4	89.5	85.5	90.7	89.7
91.1								
1990	50574	88.9	88.7	100.2	89.5	85.4	91.2	90.3
91.1								
1991	40734	89.1	88.6	100.9	89.8	86.5	91.5	90.3
92.0								
1992	32985	89.1	88.8	101.3	89.8	87.1	92.0	90.9
92.7								
1993	25630	88.7	88.9	101.2	89.8	87.4	92.4	91.3
93.3								
1994	17944	88.6	89.2	101.2	89.6	87.3	92.3	91.7
93.5								
1995	15485	88.9	89.5	101.8	89.8	87.9	92.6	92.1
93.9								
1996	11279	89.3	89.8	101.6	90.1	88.1	92.9	92.3
94.0								
1997	8075	89.8	89.9	101.5	90.4	88.6	93.3	92.6
94.4								
1998	6026	90.2	90.3	101.2	90.6	88.7	93.4	93.0
94.3								
1999	4703	90.5	90.7	101.2	90.7	89.0	93.6	93.3
94.5								
2000	3589	90.5	91.0	100.8	90.9	89.6	93.8	93.7
95.1								
2001	2899	90.7	91.6	101.5	91.1	90.2	93.7	94.0
95.9								
2002	2318	91.0	92.4	101.6	91.3	90.3	93.8	94.2
95.8								
2003	1991	91.6	92.7	101.4	91.6	90.7	94.5	94.8
96.2								
2004	1784	91.9	92.9	101.6	91.8	91.5	95.1	95.5
97.2								
2005	1604	92.1	93.4	101.3	92.0	91.8	95.5	96.1
97.4								
2006	1355	92.8	94.2	101.3	92.8	92.0	95.7	96.4
96.6								
2007	1068	93.1	94.5	101.2	93.0	92.3	95.8	96.6
96.7								
2008	1025	93.0	94.9	101.1	93.1	92.4	96.2	97.0
96.6								

2009	891	93.1	94.5	101.0	93.4	92.5	96.2	96.6
96.8								
2010	727	93.0	94.7	100.6	93.4	92.4	96.3	96.8
96.3								
2011	556	93.8	95.4	100.5	94.3	92.9	96.6	97.2
97.1								
2012	444	94.5	95.9	100.2	95.0	93.1	96.7	97.3
97.0								
2013	438	94.6	96.1	100.5	95.1	93.6	96.9	97.8
97.1								
2014	356	94.9	96.2	100.8	95.3	94.2	96.9	97.7
97.4								
2015	316	95.1	96.8	100.8	95.6	94.4	97.5	98.4
97.9								
2016	231	95.6	96.9	100.2	95.9	94.4	97.3	98.3
97.8								
2017	176	96.0	96.7	100.4	96.6	95.2	97.3	97.9
98.0								
2018	121	96.8	97.8	100.4	97.1	96.1	98.1	98.6
98.4								
2019	111	97.6	97.5	100.5	97.7	96.4	98.1	98.5
98.5								
2020	71	97.4	97.3	100.9	97.5	96.4	98.1	98.5
98.8								
2021	67	97.8	96.9	100.6	98.2	96.2	97.1	97.5
98.5								
2022	10	97.8	97.9	99.0	98.3	96.6	98.4	98.6
98.6								

Tabel: 41 Holstein - Fries Hollands zwartbont: Exterieurkenmerken  
bovenbalk

Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2557	81.5	86.2	82.7	86.1	0.0	75.9
1981	5878	82.0	87.4	83.0	87.4	0.0	77.0
1982	12679	82.4	87.9	82.5	87.0	0.0	76.7
1983	23014	82.6	87.9	82.8	87.2	0.0	77.1
1984	31856	83.2	88.3	83.2	87.4	0.0	77.6
1985	43406	83.2	88.4	83.6	87.7	0.0	78.1
1986	54544	83.3	88.6	83.8	88.0	0.0	78.3
1987	60459	84.4	88.9	84.2	88.2	0.0	79.0
1988	64828	85.3	89.7	84.4	88.1	0.0	79.5
1989	60010	85.9	89.9	84.7	88.3	0.0	79.9
1990	50574	86.4	89.7	84.8	88.4	0.0	80.2
1991	40734	86.6	90.1	85.5	88.5	0.0	80.7
1992	32985	87.0	90.3	85.9	88.9	0.0	81.3

1993	25630	87.2	90.0	86.0	89.3	0.0	81.5
1994	17944	87.8	89.9	85.8	89.4	0.0	81.7
1995	15485	87.8	89.8	86.2	90.0	0.0	82.2
1996	11279	88.1	90.1	86.7	90.0	0.0	82.6
1997	8075	88.8	90.3	87.3	90.4	0.0	83.3
1998	6026	89.2	90.9	87.5	90.4	0.0	83.7
1999	4703	90.0	91.1	87.8	90.3	0.0	84.1
2000	3589	91.2	91.5	88.2	90.9	0.0	85.0
2001	2899	91.6	91.7	88.6	91.1	0.0	85.5
2002	2318	91.9	91.3	88.8	91.3	0.0	85.7
2003	1991	92.5	92.0	89.4	91.4	0.0	86.4
2004	1784	93.0	91.9	90.0	91.8	0.0	87.0
2005	1604	93.9	92.4	90.2	92.2	0.0	87.7
2006	1355	94.8	93.2	90.8	92.1	0.0	88.4
2007	1068	95.0	93.2	91.2	92.6	0.0	88.9
2008	1025	96.0	94.0	91.3	92.9	0.0	89.5
2009	891	95.4	93.7	91.4	93.0	0.0	89.5
2010	727	95.6	94.2	91.4	93.3	0.0	89.7
2011	556	95.9	95.3	92.2	93.3	0.0	90.4
2012	444	96.5	96.1	92.8	93.6	0.0	91.1
2013	438	96.9	96.2	93.0	94.1	0.0	91.7
2014	356	97.0	96.3	93.4	94.5	0.0	92.2
2015	316	97.3	96.8	93.8	95.1	0.0	92.8
2016	231	97.4	96.9	94.0	95.8	0.0	93.3
2017	176	98.4	97.6	94.8	97.2	0.0	94.9
2018	121	98.3	97.7	95.8	97.0	0.0	95.3
2019	111	98.4	98.0	96.4	97.4	0.0	95.9
2020	71	98.5	98.4	96.3	97.9	0.0	96.2
2021	67	98.7	98.2	96.3	98.1	0.0	96.4
2022	10	99.3	98.4	96.7	99.2	0.0	97.4

Tabel: 42 Holstein - Fries Hollands zwartbont: Vruchtbaarheidskenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980 100.6	3794	104.5	101.6	100.8	101.7	100.3	99.3	81.9	101.3
1981 100.0	8782	103.5	101.8	100.3	101.5	99.5	98.7	82.6	101.1
1982 99.8	20039	103.5	101.5	100.2	101.2	99.5	98.4	82.4	100.9
1983 99.6	36798	103.3	101.2	100.0	100.9	99.2	98.4	83.2	100.6

1984	53437	103.2	101.1	100.0	100.9	99.1	98.5	83.7	100.6
99.6									
1985	75248	103.3	101.0	99.9	100.8	99.1	98.2	83.6	100.5
99.5									
1986	101417	103.2	100.8	99.7	100.5	98.9	97.7	83.6	100.2
99.1									
1987	124064	103.1	100.7	99.5	100.4	98.8	98.8	84.7	100.1
99.3									
1988	141451	103.0	100.0	99.1	99.8	98.5	98.9	85.2	99.4
98.9									
1989	140249	102.6	99.6	98.7	99.4	98.0	98.0	86.3	99.0
98.3									
1990	122561	102.3	99.6	98.6	99.3	97.9	97.8	86.7	99.0
98.2									
1991	100070	102.1	99.2	98.2	98.9	97.6	98.0	87.1	98.5
97.9									
1992	79230	101.8	99.1	98.1	98.8	97.5	98.5	87.6	98.3
97.9									
1993	65203	102.1	98.8	98.1	98.5	97.7	98.8	87.7	98.2
98.0									
1994	49720	101.9	98.5	98.0	98.2	97.6	98.5	88.0	98.0
97.8									
1995	41929	101.6	98.1	97.6	97.7	97.3	98.2	88.1	97.5
97.3									
1996	32206	101.3	98.0	97.5	97.6	97.1	98.3	88.6	97.4
97.2									
1997	23027	101.0	97.9	97.3	97.4	96.9	97.7	88.8	97.3
97.0									
1998	17377	100.6	97.8	96.9	97.1	96.3	97.8	89.5	96.9
96.6									
1999	13126	100.3	97.5	96.6	96.7	96.1	97.9	89.5	96.6
96.3									
2000	9943	100.0	97.5	96.3	96.5	95.8	97.7	90.2	96.4
96.1									
2001	8222	100.1	97.2	96.4	96.3	95.8	97.4	90.3	96.3
96.0									
2002	6385	99.8	97.6	96.3	96.5	95.8	97.7	90.5	96.5
96.1									
2003	5718	99.8	97.4	96.3	96.4	95.8	98.2	90.5	96.3
96.2									
2004	4955	99.8	96.8	96.0	95.9	95.7	98.5	90.7	95.9
96.0									
2005	4370	99.6	97.0	96.1	96.0	95.6	97.7	91.4	96.0
95.9									
2006	3905	98.9	97.2	95.4	95.7	95.0	96.0	91.1	95.7
95.1									
2007	3449	99.3	97.0	95.7	95.8	95.3	96.8	91.2	95.8
95.4									
2008	3367	99.2	96.7	95.4	95.5	95.2	96.6	91.5	95.4
95.2									

2009	2921	99.5	97.3	96.1	96.3	95.8	97.3	92.3	96.2
95.9									
2010	2522	99.6	97.2	96.2	96.2	96.0	97.5	92.2	96.2
96.0									
2011	2139	99.6	97.6	96.5	96.7	96.2	97.4	92.3	96.6
96.3									
2012	1961	99.5	98.3	97.1	97.4	96.7	97.2	92.1	97.3
96.8									
2013	1886	99.5	98.5	97.3	97.6	96.9	97.3	92.3	97.5
97.0									
2014	1712	99.8	98.7	97.6	97.9	97.4	97.9	93.4	97.8
97.5									
2015	1407	99.7	98.8	97.7	98.0	97.4	98.0	93.6	97.9
97.5									
2016	1075	99.9	99.3	98.4	98.7	98.2	97.9	93.7	98.6
98.1									
2017	789	100.2	99.4	98.7	99.0	98.6	98.0	93.9	98.9
98.5									
2018	689	100.4	99.6	99.1	99.3	99.0	98.2	94.1	99.2
98.8									
2019	577	100.4	99.9	99.5	99.7	99.3	98.3	94.2	99.6
99.2									
2020	586	100.7	99.9	99.8	99.9	99.7	98.3	94.5	99.8
99.4									
2021	457	100.2	100.1	99.5	99.9	99.3	98.2	94.7	99.7
99.2									
2022	213	100.1	100.2	99.7	100.0	99.4	98.2	94.8	99.9
99.3									

Tabel: 43 Holstein - Fries Hollands zwartbont: Gebruikskennmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1167	97.8	94.1	95.0	99.0	104.6
1981	2634	97.4	93.5	94.8	98.8	104.3
1982	5198	97.7	93.6	94.5	98.8	104.1
1983	9670	98.2	93.4	94.3	98.4	103.6
1984	14075	98.2	93.2	94.0	98.0	103.1
1985	20032	98.2	93.1	93.9	97.8	103.1
1986	26565	98.4	92.9	93.8	97.6	102.8
1987	32671	98.4	93.5	93.6	97.5	102.3
1988	36841	98.2	93.7	93.5	97.1	101.9
1989	38117	98.8	93.8	93.0	96.3	101.2
1990	35138	98.8	93.8	92.8	96.0	101.0
1991	33460	98.5	92.7	92.5	95.3	100.3
1992	32745	98.0	93.1	92.5	95.0	100.0



1993	25328	97.9	93.5	92.7	95.2	100.0
1994	17614	98.1	94.1	92.7	95.2	99.8
1995	15132	98.5	93.8	92.6	94.9	99.5
1996	10882	98.6	93.8	92.7	95.0	99.3
1997	7808	98.4	93.7	93.0	95.1	99.0
1998	5725	98.3	93.6	92.8	94.7	98.5
1999	4406	98.3	94.1	93.0	94.7	98.6
2000	3373	98.4	94.5	93.0	94.6	98.3
2001	2716	98.8	95.1	92.8	94.2	97.8
2002	2176	99.0	95.3	92.6	93.8	96.9
2003	1878	99.0	95.6	92.7	94.0	97.0
2004	1662	98.5	95.1	93.0	94.3	97.5
2005	1485	98.7	95.9	93.1	93.9	97.1
2006	1265	98.9	96.5	93.5	94.4	97.5
2007	985	99.2	97.1	93.6	94.2	97.5
2008	960	99.2	97.7	93.7	94.4	97.3
2009	823	99.0	97.1	94.0	94.3	97.3
2010	677	99.0	97.4	94.2	94.6	97.5
2011	561	99.3	97.7	94.6	94.7	97.4
2012	476	99.1	97.7	95.2	95.9	98.2
2013	457	99.4	97.9	95.2	95.3	97.7
2014	384	99.4	97.7	96.0	96.1	98.5
2015	324	99.1	98.1	96.7	96.8	98.8
2016	265	99.3	98.1	96.9	97.1	99.1
2017	196	99.1	98.4	97.6	97.9	99.7
2018	132	99.2	98.5	98.0	98.1	99.8
2019	115	99.0	98.7	98.2	98.4	99.8
2020	100	98.9	99.1	98.6	98.7	100.1
2021	46	98.7	99.7	98.7	98.8	100.2

Tabel: 44 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken

Basis: Melkdoel zwart

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
BVK									
1980	1769	-340.7	-787.8	-448.2	102.5	100.6	82.7	86.1	96.5
49.0									
1981	4121	-338.0	-757.7	-489.5	102.2	100.0	83.0	87.4	96.3
0.0									
1982	8381	-342.5	-753.5	-503.9	102.0	99.8	82.5	87.0	96.3
0.0									
1983	16609	-339.5	-725.2	-542.4	101.5	99.6	82.8	87.2	96.6
0.0									

1984	28222	-349.3	-720.0	-659.8	101.0	99.6	83.2	87.4	96.4
0.0									
1985	46066	-294.6	-719.1	-729.3	100.9	99.5	83.6	87.7	96.2
276.6									
1986	66642	-300.6	-705.7	-778.6	100.6	99.1	83.8	88.0	95.7
255.7									
1987	86940	-303.9	-687.8	-815.9	100.2	99.3	84.2	88.2	95.6
223.7									
1988	113452	-307.3	-664.6	-839.6	99.8	98.9	84.4	88.1	95.7
192.1									
1989	117189	-309.9	-643.9	-844.6	99.0	98.3	84.7	88.3	95.4
179.0									
1990	100521	-307.0	-629.2	-833.2	98.7	98.2	84.8	88.4	95.4
176.7									
1991	79363	-298.1	-588.6	-788.9	97.9	97.9	85.5	88.5	95.6
167.2									
1992	63094	-289.8	-562.8	-748.6	97.6	97.9	85.9	88.9	95.9
161.6									
1993	52503	-282.8	-545.6	-734.1	97.7	98.0	86.0	89.3	96.2
160.7									
1994	38965	-274.3	-526.0	-705.9	97.6	97.8	85.8	89.4	96.4
165.9									
1995	34477	-264.6	-499.5	-647.2	97.2	97.3	86.2	90.0	96.3
168.9									
1996	26176	-256.9	-481.5	-616.8	97.2	97.2	86.7	90.0	96.4
164.8									
1997	18875	-250.7	-462.4	-599.1	97.1	97.0	87.3	90.4	96.3
164.3									
1998	14395	-253.0	-448.5	-601.8	96.5	96.6	87.5	90.4	96.1
160.6									
1999	11270	-249.0	-430.6	-588.5	96.6	96.3	87.8	90.3	95.8
158.1									
2000	8598	-240.3	-406.6	-556.6	96.3	96.1	88.2	90.9	96.1
153.7									
2001	7112	-233.9	-387.2	-531.6	95.9	96.0	88.6	91.1	96.1
151.6									
2002	5462	-231.4	-379.1	-513.8	95.1	96.1	88.8	91.3	96.4
154.2									
2003	4879	-226.8	-367.2	-512.3	95.2	96.2	89.4	91.4	96.3
146.5									
2004	4298	-215.7	-347.8	-483.6	95.7	96.0	90.0	91.8	96.4
145.6									
2005	3808	-215.6	-340.3	-475.3	95.2	95.9	90.2	92.2	96.5
136.7									
2006	3460	-212.4	-321.1	-450.9	95.7	95.1	90.8	92.1	96.6
119.3									
2007	3011	-202.1	-307.6	-423.1	95.6	95.4	91.2	92.6	96.4
118.9									
2008	2875	-197.3	-291.9	-401.6	95.6	95.2	91.3	92.9	96.5
107.0									

2009	2455	-189.8	-284.8	-383.9	95.6	95.9	91.4	93.0	96.6
108.5									
2010	2141	-183.2	-276.1	-367.5	95.8	96.0	91.4	93.3	96.6
103.3									
2011	1795	-175.2	-259.4	-338.2	95.8	96.3	92.2	93.3	96.6
95.0									
2012	1667	-159.2	-248.6	-319.8	96.9	96.8	92.8	93.6	97.0
81.4									
2013	1630	-154.9	-240.0	-299.5	96.3	97.0	93.0	94.1	97.3
77.7									
2014	1443	-138.4	-231.2	-269.3	97.2	97.5	93.4	94.5	97.7
73.8									
2015	1181	-125.7	-205.5	-247.4	97.7	97.5	93.8	95.1	97.7
67.9									
2016	867	-108.0	-180.5	-214.9	98.0	98.1	94.0	95.8	98.1
61.0									
2017	664	-95.0	-171.9	-183.6	98.8	98.5	94.8	97.2	98.4
47.6									
2018	579	-74.8	-135.9	-140.2	99.0	98.8	95.8	97.0	98.7
41.4									
2019	472	-66.3	-131.8	-124.0	99.1	99.2	96.4	97.4	99.0
43.4									
2020	468	-46.7	-96.8	-85.8	99.4	99.4	96.3	97.9	99.2
40.0									
2021	387	-36.4	-78.4	-60.3	99.5	99.2	96.3	98.1	99.3
37.9									
2022	109	-29.6	-81.3	-39.6	99.8	99.3	96.7	99.2	99.6
28.9									

Tabel: 45 Holstein - Fries Hollands zwartbont: Klauwgezondheidskenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	62	95.1	95.4	99.7	100.1	92.2	96.2	93.7
1981	131	95.4	95.1	100.4	100.7	92.0	96.7	93.1
1982	319	95.4	94.8	100.8	101.0	92.0	97.1	92.1
1983	1154	95.6	95.4	99.9	100.5	93.8	98.1	93.2
1984	1585	95.5	95.1	100.1	100.6	93.4	97.8	93.2
1985	2266	96.0	95.8	100.1	100.5	94.4	98.3	93.5
1986	3820	96.0	95.9	99.9	100.3	94.6	98.5	93.8
1987	7686	94.9	94.7	99.8	99.1	93.1	97.6	93.4
1988	13167	94.7	94.3	100.2	99.7	91.8	97.3	92.7
1989	15492	95.4	94.4	100.9	100.9	91.5	97.8	92.5
1990	15868	95.8	94.5	101.3	101.4	91.8	97.9	92.4
1991	14401	96.5	94.7	101.7	101.8	92.4	97.7	93.2
1992	12350	96.7	94.8	101.7	101.7	92.4	97.7	93.6

1993	11191	95.8	94.6	101.0	100.8	91.9	97.3	93.5
1994	7763	95.9	94.6	101.3	100.5	92.3	97.4	93.1
1995	9888	96.1	95.2	101.3	100.1	93.2	97.1	93.2
1996	5856	96.0	95.6	101.0	100.0	93.4	96.8	93.3
1997	5283	95.9	95.6	100.9	99.7	93.2	96.5	93.3
1998	4422	95.7	95.6	100.9	99.7	93.1	96.2	92.8
1999	3601	95.1	95.2	100.7	99.6	92.1	96.0	92.5
2000	2768	95.9	96.3	100.8	99.5	93.0	96.5	93.1
2001	2266	95.9	96.5	100.8	99.3	93.2	96.7	93.3
2002	1892	95.9	96.7	100.5	99.2	93.2	96.6	93.5
2003	1647	95.5	96.4	100.2	99.1	93.0	96.2	93.7
2004	1486	95.5	96.1	100.0	99.5	93.6	96.0	93.7
2005	1317	95.6	96.1	99.8	99.4	93.9	96.3	94.0
2006	1153	95.4	96.4	99.5	98.9	94.0	96.5	94.2
2007	1026	95.5	97.0	99.2	98.8	94.5	96.6	94.4
2008	984	95.7	97.1	99.2	99.2	94.6	96.5	94.4
2009	890	96.0	97.2	99.3	99.3	94.9	96.7	95.0
2010	722	95.9	97.2	99.0	98.9	95.3	96.6	95.3
2011	577	96.4	97.5	99.1	99.0	96.3	97.2	95.9
2012	507	96.6	97.5	99.1	99.3	96.5	97.2	96.2
2013	463	96.8	97.6	99.1	99.4	96.6	97.6	96.4
2014	419	97.2	97.9	99.3	99.8	96.8	98.0	96.5
2015	341	97.1	97.8	99.0	99.5	97.0	98.0	97.0
2016	265	97.6	97.8	99.4	99.9	97.2	98.5	97.1
2017	201	98.2	98.2	99.7	100.2	97.6	99.3	97.5
2018	146	98.2	98.2	99.6	100.0	97.7	99.1	97.6
2019	123	98.7	98.7	99.9	100.2	98.0	99.7	98.1
2020	89	99.3	98.6	100.4	100.7	98.2	100.2	98.4
2021	65	99.2	98.4	100.4	100.6	98.4	100.0	98.3
2022	10	99.7	99.3	100.5	100.8	98.5	99.5	98.8

Tabel: 46 Holstein - Fries Hollands zwartbont:  
Levensvatbaarheidskenmerken  
Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1305	96.2	98.7	96.2	98.7	93.6	99.4
1981	3321	96.1	98.9	96.1	98.9	93.6	99.4
1982	6992	96.1	98.9	96.1	98.9	93.7	99.2
1983	13719	96.4	99.0	96.4	99.0	94.0	99.4
1984	21386	96.5	98.8	96.5	98.8	94.0	99.0
1985	31506	96.2	98.6	96.2	98.6	93.8	98.9
1986	44391	96.0	98.3	96.0	98.3	93.7	98.6
1987	57569	95.7	98.2	95.7	98.2	93.7	98.8
1988	70752	95.7	98.3	95.7	98.3	94.0	98.9
1989	76679	95.9	98.1	95.9	98.1	94.2	98.6
1990	77425	96.1	98.0	96.1	98.0	94.4	98.4

1991	73351	96.4	98.1	96.4	98.1	94.7	98.5
1992	61012	96.7	98.1	96.7	98.1	95.0	98.6
1993	59371	97.1	98.2	97.1	98.2	95.2	99.0
1994	54925	97.5	98.1	97.5	98.1	95.6	98.9
1995	44312	98.0	97.7	98.0	97.7	95.9	98.2
1996	33725	98.1	97.7	98.1	97.7	96.1	98.4
1997	24564	98.1	97.6	98.1	97.6	96.0	98.2
1998	18273	98.3	97.2	98.3	97.2	96.3	97.6
1999	14003	98.2	97.0	98.2	97.0	96.1	97.4
2000	10342	98.1	97.3	98.1	97.3	96.2	97.6
2001	7998	98.5	97.2	98.5	97.2	96.6	97.9
2002	6326	99.0	97.1	99.0	97.1	97.4	97.9
2003	5422	98.9	97.1	98.9	97.1	97.6	97.5
2004	4610	99.2	97.1	99.2	97.1	97.8	97.4
2005	3974	99.1	97.2	99.1	97.2	97.5	97.6
2006	3389	99.4	97.1	99.4	97.1	97.7	97.4
2007	2875	99.2	96.9	99.2	96.9	97.6	97.5
2008	2811	99.0	97.2	99.0	97.2	98.0	98.1
2009	2509	99.0	97.4	99.0	97.4	98.4	98.1
2010	2142	99.1	97.2	99.1	97.2	98.6	97.9
2011	1827	99.4	97.1	99.4	97.1	99.2	97.3
2012	1697	99.7	97.3	99.7	97.3	99.6	97.4
2013	1653	99.6	97.6	99.6	97.6	99.6	97.7
2014	1481	100.2	97.6	100.2	97.6	100.0	97.8
2015	1247	100.2	97.6	100.2	97.6	99.8	97.8
2016	1000	100.4	97.8	100.4	97.8	99.9	98.2
2017	771	100.4	98.1	100.4	98.1	99.8	98.4
2018	662	100.6	98.5	100.6	98.5	100.1	98.9
2019	532	100.6	98.8	100.6	98.8	100.1	99.1
2020	520	100.6	99.2	100.6	99.2	100.2	99.4
2021	370	100.6	99.2	100.6	99.2	99.9	99.3
2022	235	100.7	99.3	100.7	99.3	99.7	99.8
2023	168	100.2	99.8	100.2	99.8	99.1	100.1
2024	72	100.6	99.9	100.6	99.9	99.5	100.2

Tabel: 47 Holstein - Fries Hollands zwartbont: Geboortekenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1411	95.8	106.1	102.7	95.9	97.0	97.3
1981	3219	95.8	105.9	102.6	94.8	96.7	97.9
1982	6633	95.0	106.4	103.4	94.3	96.9	99.0
1983	15998	95.3	105.9	103.3	95.2	97.3	98.7
1984	23624	95.3	105.8	103.1	94.7	97.2	98.8
1985	32607	95.6	105.6	102.6	94.3	96.9	98.2
1986	45970	95.3	105.6	102.7	94.0	96.5	97.7
1987	54133	95.7	105.0	102.4	94.3	96.6	97.9

1988	59042	95.9	104.9	102.3	94.6	96.2	97.5
1989	54903	95.5	104.6	102.6	94.1	95.9	97.5
1990	47402	95.4	104.2	102.6	93.5	96.0	97.9
1991	42519	95.9	103.5	102.2	93.6	95.9	97.9
1992	34688	96.2	103.1	102.0	94.0	96.1	97.9
1993	26849	96.1	103.4	102.1	94.3	96.2	97.9
1994	19185	96.0	103.8	102.5	94.9	96.2	97.6
1995	16841	95.4	103.8	103.2	94.9	95.7	97.5
1996	12749	95.5	103.5	103.1	95.0	95.8	97.5
1997	9024	95.3	103.5	103.3	95.3	95.5	96.8
1998	6520	95.0	103.6	103.5	95.4	95.5	96.7
1999	5088	94.8	103.8	103.9	95.7	95.4	96.8
2000	3980	94.5	104.1	104.2	96.3	95.2	96.6
2001	3364	93.9	104.1	104.6	96.3	96.1	96.3
2002	2793	94.2	103.8	104.2	96.2	96.0	95.9
2003	2518	94.3	103.8	104.0	96.3	96.2	95.7
2004	2350	93.8	103.4	104.6	96.7	96.0	95.9
2005	2295	93.3	103.3	105.1	97.3	96.4	95.7
2006	2005	93.5	103.3	104.8	97.5	96.4	95.8
2007	1905	93.6	103.1	104.8	98.0	96.2	95.8
2008	1866	93.5	102.8	105.0	98.4	96.3	95.8
2009	1668	93.6	102.7	104.8	98.4	96.4	95.9
2010	1422	93.4	102.9	105.0	98.4	96.8	95.7
2011	1214	94.0	102.5	104.4	98.7	96.9	95.5
2012	1113	94.4	102.3	104.1	99.0	97.2	95.4
2013	1058	94.5	102.4	104.0	99.2	97.6	95.7
2014	927	94.8	102.1	103.9	99.4	97.5	95.8
2015	754	95.0	102.0	103.7	99.3	97.4	95.8
2016	574	95.1	102.2	103.7	99.5	97.5	95.7
2017	473	95.7	101.8	103.4	99.7	97.7	96.2
2018	365	95.6	101.7	103.4	100.0	98.3	96.4
2019	270	95.7	101.3	103.3	100.0	98.3	96.2
2020	239	96.4	101.0	102.8	100.0	98.4	96.8
2021	145	96.5	101.6	102.7	100.1	98.8	96.6
2022	95	97.9	101.0	101.9	100.2	98.2	97.2
2023	64	98.5	101.2	101.3	99.5	97.8	97.7
2024	17	100.6	98.1	99.6	100.7	96.3	96.2

Tabel: 48 Holstein - Fries Hollands zwartbont: Vleeskenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	1479	104.7	113.3	93.1	101.1	110.8	96.0	103.5	97.4	111.6
97.0	102.7									

1981	3412	104.8	113.6	93.0	101.6	110.9	95.8	103.8	97.1	111.6
		96.7	103.2							
1982	7027	104.8	113.3	93.7	101.3	110.7	96.0	103.8	97.2	111.3
		97.4	103.0							
1983	13395	104.9	112.8	94.2	101.4	110.5	96.4	103.9	97.3	110.9
		97.7	103.1							
1984	20310	104.6	112.5	94.3	101.3	110.3	96.4	103.7	97.1	110.6
		97.5	103.2							
1985	29626	104.2	112.3	94.3	101.1	109.8	96.4	103.5	96.8	110.3
		97.3	103.0							
1986	40746	104.3	112.0	94.6	101.0	109.8	96.4	103.7	96.8	110.1
		97.3	103.1							
1987	51187	104.5	111.3	95.6	100.8	109.8	96.5	103.8	97.1	109.6
		97.8	102.7							
1988	61719	104.1	110.2	96.0	100.4	109.1	96.6	103.4	97.6	108.9
		97.5	102.3							
1989	65723	103.9	109.4	96.2	100.4	108.6	96.5	103.3	97.6	108.5
		97.2	102.3							
1990	65229	104.0	109.1	96.3	100.3	108.7	96.3	103.4	97.7	108.3
		97.1	102.0							
1991	60830	103.8	108.6	97.2	100.6	107.8	97.1	103.3	97.8	107.7
		97.8	102.4							
1992	55887	103.5	108.2	97.5	100.7	107.2	97.4	103.1	97.9	107.3
		98.1	102.5							
1993	48038	103.4	107.8	97.5	100.5	106.9	97.6	102.9	97.9	107.2
		97.9	102.6							
1994	36713	103.3	107.0	98.0	99.7	106.8	97.4	102.6	98.4	106.9
		98.0	102.0							
1995	33187	102.8	106.6	98.1	99.6	106.2	97.8	102.1	98.6	106.5
		98.2	101.6							
1996	27308	102.6	106.3	98.0	99.8	105.8	97.7	102.0	98.5	106.2
		98.0	101.6							
1997	22722	102.3	105.8	98.3	99.7	105.2	97.9	101.7	98.8	105.7
		98.5	101.0							
1998	16205	102.4	105.2	98.7	99.6	104.9	98.0	101.7	99.3	105.5
		98.4	101.2							
1999	13641	102.1	104.9	98.9	99.8	104.4	98.2	101.5	99.3	104.9
		98.9	101.0							
2000	9921	101.9	104.5	98.9	99.7	104.1	98.6	101.2	99.6	104.6
		99.1	100.9							
2001	7725	101.4	104.4	98.8	99.8	103.4	99.1	100.7	99.6	104.3
		99.4	100.7							
2002	6712	101.4	104.0	99.0	99.4	103.5	99.1	100.6	99.7	104.0
		99.6	100.2							
2003	5756	101.1	103.3	99.2	99.4	102.9	99.1	100.5	99.8	103.5
		99.3	100.2							
2004	5131	101.0	103.1	98.9	99.5	102.6	99.1	100.5	99.6	103.4
		99.0	100.1							
2005	4353	100.9	102.9	99.3	99.6	102.3	99.5	100.4	99.6	103.1
		99.6	100.0							

2006	3699	100.6	102.7	99.1	99.7	101.7	99.7	100.3	99.7	102.7
	99.6	100.0								
2007	2870	100.6	102.2	99.5	99.5	101.7	99.7	100.2	99.8	102.4
	99.8	99.6								
2008	2575	100.4	102.0	99.5	99.5	101.4	99.8	100.1	99.8	102.2
	99.9	99.5								
2009	2208	100.3	102.5	98.7	100.0	101.4	99.8	100.1	99.3	102.2
	100.1	99.4								
2010	1605	100.5	102.7	98.4	99.8	101.8	99.3	100.4	99.2	102.4
	99.8	99.3								
2011	1014	101.2	102.9	98.5	99.5	102.5	98.7	101.4	98.9	102.8
	99.5	99.6								
2012	611	101.5	103.0	98.5	99.7	102.7	98.2	101.9	98.7	102.8
	99.4	99.6								
2013	527	101.3	102.5	98.9	99.4	102.5	98.5	101.6	98.6	102.5
	99.5	99.5								
2014	401	101.2	102.3	99.2	99.1	102.5	98.6	101.8	98.2	102.2
	99.9	99.4								
2015	331	101.2	101.8	99.3	98.9	102.6	98.4	101.9	98.1	102.0
	99.8	99.4								
2016	235	101.3	102.0	99.0	99.0	102.6	98.5	101.8	98.3	102.2
	99.7	99.5								
2017	172	101.5	101.7	99.1	99.2	102.4	98.5	102.1	98.3	101.9
	99.8	99.8								
2018	121	101.5	101.4	99.3	98.9	102.3	98.6	102.1	98.5	101.6
	100.1	99.5								
2019	104	101.7	101.3	99.6	98.9	102.6	98.6	102.3	98.5	101.8
	100.2	99.8								
2020	68	101.6	101.7	99.6	99.3	102.6	98.7	102.3	98.3	102.0
	100.0	100.1								
2021	64	101.7	101.7	99.3	99.4	102.6	98.4	102.3	98.3	101.8
	99.8	100.0								

Tabel: 49 Holstein - Fries Hollands zwartbont: Kalvervitaliteit  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	KaVil	KaVi2	KaVi3
1980	1325	97.3	100.0	97.2
1981	3350	97.4	100.0	97.3
1982	6990	97.4	100.0	97.3
1983	13726	97.5	100.1	97.2
1984	21364	97.4	100.0	97.2
1985	31551	97.0	99.8	97.0
1986	44333	96.8	99.6	96.8
1987	57347	97.1	99.7	97.2
1988	70325	97.4	99.9	97.6



1989	75888	97.1	99.7	97.3
1990	76515	97.1	99.7	97.4
1991	71667	97.3	99.9	97.3
1992	60186	97.4	100.1	97.5
1993	62604	97.5	100.3	97.6
1994	63022	97.6	100.3	97.8
1995	51998	98.0	100.5	98.1
1996	40692	98.1	100.5	98.0
1997	31266	98.1	100.4	98.3
1998	23752	98.0	100.2	98.2
1999	18560	97.7	99.8	98.2
2000	14133	98.0	99.9	98.5
2001	10930	97.7	99.6	98.5
2002	8916	97.7	99.8	98.6
2003	7843	97.6	99.7	98.4
2004	6802	97.7	99.6	98.5
2005	5697	97.7	99.7	98.5
2006	4868	97.2	99.2	98.5
2007	4221	97.4	99.4	98.5
2008	4251	97.2	99.7	97.9
2009	3846	96.7	98.9	98.1
2010	3192	97.8	100.2	98.5
2011	2673	97.1	99.6	97.9
2012	2441	97.2	99.6	97.9
2013	2309	97.7	100.2	98.0
2014	2128	98.0	100.2	98.5
2015	1873	98.7	100.9	99.0
2016	1567	98.7	100.9	99.0
2017	1124	99.1	101.1	99.2
2018	968	99.2	101.2	99.4
2019	762	99.0	101.0	99.1
2020	781	99.1	101.1	98.9
2021	695	99.1	100.8	99.3
2022	664	99.2	100.8	99.3
2023	562	99.2	100.9	99.4
2024	223	99.2	100.7	99.7

Tabel: 50 Holstein - FriesHollands zwartbont: Levensproductiekenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	7116	-5042.9	-17976.8	-761.9	-641.2
2002	5480	-4925.4	-17468.2	-746.2	-624.8
2003	4901	-4884.6	-17333.8	-739.0	-620.3
2004	4315	-4683.4	-16579.6	-709.6	-594.1
2005	3836	-4620.4	-16310.1	-700.8	-585.6
2006	3476	-4437.4	-15667.9	-675.7	-560.5

2007	3020	-4245.5	-14863.5	-648.4	-535.0
2008	2895	-4075.2	-14157.4	-624.7	-511.8
2009	2477	-3953.2	-13804.1	-605.7	-496.8
2010	2154	-3827.1	-13327.7	-587.7	-480.0
2011	1818	-3603.8	-12543.1	-553.1	-452.2
2012	1687	-3448.7	-12078.8	-528.2	-433.5
2013	1654	-3294.4	-11537.7	-505.4	-413.5
2014	1464	-3072.2	-10720.8	-471.5	-385.5
2015	1193	-2849.1	-9887.5	-437.7	-357.2
2016	890	-2553.1	-8929.4	-390.2	-321.5
2017	672	-2318.7	-8132.0	-357.5	-289.8
2018	599	-1912.4	-6783.1	-294.0	-239.6
2019	488	-1773.2	-6376.7	-273.7	-221.4
2020	486	-1395.5	-5181.7	-212.0	-176.6
2021	400	-1173.6	-4437.7	-177.4	-149.1
2022	117	-1057.2	-4227.6	-158.5	-135.3

Tabel: 51 Holstein - Fries Hollands zwartbont: Robot / AMS kenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	146	94.7	86.4	104.4	90.9
1981	435	94.3	85.1	104.9	90.4
1982	513	95.3	86.3	104.6	91.8
1983	1427	95.9	86.9	104.2	92.3
1984	2485	95.6	86.9	104.1	91.8
1985	2968	96.1	86.8	104.0	92.1
1986	4067	97.0	86.3	103.8	92.5
1987	5961	96.9	85.8	103.5	91.8
1988	7403	96.5	85.3	103.8	91.4
1989	7366	96.9	84.9	103.9	91.3
1990	6856	96.6	84.9	103.7	90.8
1991	6308	96.3	85.8	102.3	89.7
1992	5412	95.6	86.1	101.9	88.7
1993	4366	95.3	85.9	101.9	88.4
1994	3037	95.2	85.7	102.2	88.4
1995	2901	95.6	86.0	101.8	88.5
1996	2164	95.8	86.2	101.6	88.7
1997	1678	95.6	86.1	101.6	88.5
1998	1192	96.0	86.6	101.1	88.6
1999	1026	96.3	86.5	100.9	88.7
2000	859	96.5	86.5	100.9	88.9
2001	763	97.1	86.4	100.6	88.9
2002	717	97.4	86.8	99.8	88.6
2003	620	96.9	86.7	99.4	87.9
2004	613	96.6	87.0	99.7	88.2
2005	613	96.6	86.9	99.8	87.9

2006	531	96.8	87.3	99.9	88.6
2007	516	96.8	87.8	99.7	88.8
2008	520	97.5	89.1	99.3	89.8
2009	584	97.4	89.1	99.3	89.6
2010	628	97.5	89.2	99.3	89.9
2011	524	97.9	89.7	99.2	90.5
2012	494	97.7	90.3	99.5	91.2
2013	504	98.3	91.1	99.6	92.1
2014	445	98.6	91.8	99.6	93.0
2015	380	98.0	92.8	99.5	93.0
2016	305	98.4	93.6	99.7	94.1
2017	238	98.4	94.0	99.7	94.6
2018	186	98.7	95.2	99.6	95.5
2019	131	99.2	95.3	99.7	96.1
2020	180	99.3	96.3	99.8	96.9
2021	148	99.2	95.8	99.6	96.4
2022	50	97.8	95.7	99.4	95.0

Tabel: 52 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.

Basis: Melkdoel zwart

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	1769	94.2	100.4	1	-2.6	49.0	0	0.0
1981	4121	94.2	101.2	0	0.0	0.0	0	0.0
1982	8381	94.3	101.1	0	0.0	0.0	0	0.0
1983	16609	94.4	100.6	0	0.0	0.0	0	0.0
1984	28222	94.1	100.2	0	0.0	0.0	0	0.0
1985	46066	93.9	100.3	43354	-7.0	276.6	0	0.0
1986	66642	93.9	100.4	54538	-6.7	255.7	0	0.0
1987	86940	94.2	100.0	60460	-6.2	223.7	0	0.0
1988	113452	94.5	99.6	64844	-5.7	192.1	0	0.0
1989	117189	94.5	99.3	60026	-5.5	179.0	0	0.0
1990	100521	94.5	99.0	50580	-5.4	176.7	0	0.0
1991	79363	94.8	99.6	40752	-5.0	167.2	0	0.0
1992	63094	94.7	99.7	32998	-4.8	161.6	0	0.0
1993	52503	94.6	99.4	25665	-4.7	160.7	0	0.0
1994	38965	95.3	99.0	17993	-4.6	165.9	0	0.0
1995	34477	95.5	99.2	15530	-4.5	168.9	0	0.0
1996	26176	95.8	99.2	11342	-4.4	164.8	0	0.0
1997	18875	95.8	99.1	8100	-4.3	164.3	0	0.0
1998	14395	95.8	98.5	6044	-4.1	160.6	0	0.0
1999	11270	95.6	98.2	4721	-4.0	158.1	0	0.0
2000	8598	95.9	97.9	3603	-3.8	153.7	0	0.0
2001	7112	95.9	97.7	2920	-3.7	151.6	2898	90.2
2002	5462	96.1	97.8	2336	-3.7	154.2	2318	89.9
2003	4879	96.0	97.3	2004	-3.6	146.5	1991	90.4

2004	4298	96.1	97.1	1806	-3.4	145.6	1784	90.4
2005	3808	96.1	97.3	1619	-3.3	136.7	1604	91.1
2006	3460	96.3	97.5	1370	-3.0	119.3	1355	92.4
2007	3011	96.7	97.8	1089	-2.9	118.9	1068	92.2
2008	2875	96.9	97.4	1047	-2.7	107.0	1025	93.1
2009	2455	97.0	97.8	902	-2.7	108.5	890	93.1
2010	2141	97.2	98.0	750	-2.6	103.3	727	93.2
2011	1795	97.2	98.0	566	-2.4	95.0	556	93.9
2012	1667	97.1	98.1	456	-2.2	81.4	444	94.8
2013	1630	97.3	98.0	449	-2.1	77.7	438	95.2
2014	1443	97.5	98.1	371	-2.0	73.8	356	95.3
2015	1181	97.7	98.7	341	-1.8	67.9	316	95.6
2016	867	97.7	99.0	257	-1.6	61.0	231	95.8
2017	664	98.5	99.0	194	-1.4	47.6	176	96.5
2018	579	99.1	99.1	157	-1.3	41.4	121	96.5
2019	472	99.1	99.2	132	-1.1	43.4	111	96.8
2020	468	99.8	99.5	82	-0.9	40.0	71	97.3
2021	387	99.8	99.5	78	-0.7	37.9	67	97.4
2022	109	99.8	99.4	18	-0.4	28.9	10	97.1
2023	0	0.0	0.0	14	0.2	28.6	0	0.0

Tabel: 53 Holstein - Fries Hollands zwartbont:  
 Stofwisselingsaandoeningen  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	462	99.9	6	98.7	2	96.5	462	97.0
1981	1238	99.9	10	98.4	4	97.0	1238	96.9
1982	2282	99.9	14	98.5	7	98.3	2282	96.5
1983	4335	99.9	27	98.0	14	97.6	4335	96.5
1984	6381	99.9	63	98.3	13	97.6	6381	96.5
1985	8180	99.9	113	97.1	32	96.5	8178	96.3
1986	10889	99.9	223	98.0	107	97.6	10888	96.4
1987	13805	99.9	193	98.3	99	98.0	13804	96.6
1988	15441	99.8	662	99.0	158	100.4	15441	95.9
1989	15327	99.5	913	98.3	342	97.9	15326	95.3
1990	14174	99.4	971	97.9	525	97.1	14167	95.3
1991	12720	99.7	1799	100.0	1555	97.7	12720	95.5
1992	10979	99.9	1425	100.5	1325	97.7	10978	95.5
1993	8988	99.8	1091	100.2	849	97.6	8988	95.4
1994	6636	99.5	831	99.3	650	98.0	6636	95.5
1995	6270	99.0	1043	98.7	903	98.3	6269	95.3
1996	4921	98.9	798	98.9	723	98.0	4921	95.1
1997	3903	98.6	612	98.9	570	97.4	3903	95.1
1998	3021	98.6	398	98.7	380	97.3	3021	95.4
1999	2605	98.7	350	99.0	323	97.2	2605	95.1
2000	2226	98.7	284	99.2	277	96.7	2225	94.8

2001	2024	98.6	239	98.3	228	98.2	2024	95.3
2002	1846	98.8	218	98.6	207	98.3	1846	94.5
2003	1683	98.6	186	98.4	182	98.2	1683	94.1
2004	1710	98.8	200	98.5	196	98.2	1710	94.1
2005	1704	98.9	193	98.9	194	98.6	1702	94.0
2006	1675	99.0	151	98.8	151	99.4	1675	94.9
2007	1705	98.9	156	98.9	150	99.0	1704	94.7
2008	1821	99.1	165	99.5	163	98.6	1821	94.3
2009	1881	99.4	155	99.4	158	99.2	1881	95.8
2010	1841	99.5	124	99.5	124	99.3	1841	95.8
2011	1550	99.9	91	99.6	98	99.2	1550	96.6
2012	1468	100.1	93	100.2	93	99.8	1467	96.8
2013	1385	100.1	97	100.1	98	99.9	1385	97.1
2014	1230	100.2	69	100.4	68	100.0	1230	97.8
2015	1043	100.1	69	100.1	67	100.0	1041	97.6
2016	755	100.1	56	99.4	55	100.3	755	98.1
2017	578	100.2	26	100.2	25	100.5	578	98.7
2018	491	100.3	24	100.0	24	100.6	491	98.9
2019	395	100.3	13	99.6	13	100.8	395	99.3
2020	395	100.2	10	99.6	14	99.5	395	99.4
2021	325	100.1	4	100.0	8	99.5	325	99.6
2022	97	100.2	1	101.0	2	98.0	97	99.9

Tabel: 54 Holstein - Fries Hollands zwartbont: Reproductiestoornissen  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	61	99.0	99.8	98.7	99.8	98.3	96.8
1981	96	98.9	99.8	98.6	99.8	98.0	96.4
1982	124	98.8	99.5	98.6	99.7	97.9	96.7
1983	433	98.6	99.5	97.9	99.6	97.5	96.8
1984	505	98.3	99.2	97.8	99.3	97.2	96.6
1985	600	98.3	99.5	97.4	99.4	97.0	96.6
1986	938	98.5	99.9	97.5	99.5	97.2	96.9
1987	2099	98.7	99.5	98.2	99.8	97.7	96.6
1988	3476	98.1	98.7	97.9	99.3	97.4	96.3
1989	3886	98.0	98.4	97.9	99.4	97.3	96.0
1990	3781	97.9	98.3	97.7	99.4	97.2	95.6
1991	3510	97.6	98.4	96.8	99.2	96.9	95.8
1992	2982	97.7	98.6	96.8	99.2	97.1	96.1
1993	2416	97.9	98.7	97.1	99.2	97.4	96.3
1994	1753	97.7	98.2	96.9	99.3	97.3	95.8
1995	1710	97.5	98.0	96.7	99.5	96.8	95.4
1996	1301	97.7	98.4	96.8	99.5	96.8	95.6
1997	985	97.8	98.6	96.9	99.3	97.2	96.0
1998	617	97.3	98.3	96.6	98.8	96.8	95.6
1999	574	97.3	97.9	96.6	98.9	96.7	95.7

2000	471	97.0	97.8	96.2	98.3	97.0	95.6
2001	381	96.9	97.3	96.3	98.7	96.6	95.4
2002	349	96.8	97.1	96.2	98.6	96.8	95.4
2003	345	98.4	99.6	98.0	99.4	97.4	95.8
2004	342	98.9	100.4	98.4	99.8	97.7	96.1
2005	327	99.4	100.7	99.0	100.2	98.1	96.5
2006	303	100.5	101.6	100.2	100.9	99.3	97.7
2007	328	100.6	101.7	100.3	100.9	99.4	98.1
2008	324	100.7	101.7	100.4	101.1	99.4	98.1
2009	308	99.3	100.0	98.6	100.2	99.2	96.9
2010	265	99.0	99.8	98.3	99.8	99.0	96.7
2011	213	99.0	99.8	98.5	99.6	99.5	97.0
2012	197	99.1	99.9	98.8	99.5	99.7	97.5
2013	205	99.0	99.7	98.3	99.5	99.7	97.0
2014	150	98.7	99.2	98.3	99.2	99.9	97.2
2015	134	98.5	99.0	97.9	99.0	99.8	96.9
2016	119	98.8	99.2	98.3	99.4	99.8	97.2
2017	58	98.4	98.8	98.2	99.0	99.7	97.1
2018	60	99.0	99.6	98.7	99.2	99.9	97.9
2019	39	98.3	98.5	97.6	99.3	99.3	96.9
2020	30	98.7	98.8	98.5	99.3	100.0	97.0
2021	16	99.0	99.1	98.4	99.6	100.1	97.5

Tabel: 55 Holstein - Fries Hollands zwartbont: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14449	-1107.6	-35.7	-53.7	-51.9	26.1	-24.2	-1.7	-338.3
1981	26903	-1014.5	-33.5	-48.7	-47.6	21.9	-20.7	-1.7	-310.0
1982	47379	-959.9	-32.3	-47.4	-45.1	19.7	-21.8	-1.7	-300.8
1983	63328	-861.6	-28.8	-44.9	-40.6	18.0	-23.3	-1.7	-279.5
1984	74865	-875.5	-27.8	-44.2	-41.3	21.2	-20.8	-1.7	-273.3
1985	73960	-908.8	-27.1	-43.6	-42.8	25.3	-17.7	-1.7	-268.8
1986	69936	-874.7	-24.3	-40.8	-41.2	27.6	-14.8	-1.7	-248.2
1987	56449	-804.9	-21.9	-38.3	-38.0	26.1	-14.7	-1.7	-230.3
1988	45173	-703.9	-19.1	-35.6	-33.4	22.5	-16.1	-1.8	-210.3
1989	33573	-646.9	-16.1	-33.9	-30.8	22.9	-16.7	-1.8	-194.1
1990	20684	-599.5	-15.3	-32.1	-28.7	20.7	-16.4	-1.8	-183.9
1991	11588	-502.7	-12.9	-28.9	-24.2	17.3	-16.7	-1.8	-162.9
1992	6305	-367.4	-10.4	-25.4	-18.1	11.3	-18.7	-1.9	-140.2
1993	4247	-316.7	-10.0	-23.5	-15.7	8.0	-18.6	-1.9	-131.4
1994	2541	-225.3	-8.3	-21.0	-11.6	4.2	-19.7	-1.9	-115.4
1995	1712	-228.1	-6.8	-20.3	-11.7	6.9	-18.3	-1.9	-107.6
1996	1142	-206.1	-5.6	-18.5	-10.7	7.3	-16.8	-1.9	-96.5
1997	763	-241.3	-4.3	-18.2	-12.3	11.8	-14.2	-1.9	-91.1
1998	607	-172.6	-4.8	-16.7	-9.2	5.9	-15.7	-1.9	-86.1
1999	399	-124.7	-1.1	-13.7	-7.0	8.3	-13.7	-2.0	-62.4

2000	357	-48.3	1.8	-10.7	-3.4	7.8	-13.1	-1.9	-40.6
2001	288	-60.4	2.5	-11.1	-1.9	9.8	-12.7	1.7	-40.2
2002	261	47.6	3.3	-8.8	3.8	3.4	-15.3	2.9	-28.0
2003	221	44.4	3.8	-9.2	3.6	3.8	-16.0	2.7	-28.0
2004	255	76.4	5.9	-6.6	4.0	4.4	-14.1	0.8	-10.7
2005	202	119.0	3.4	-5.6	5.8	-1.1	-14.4	0.7	-14.0
2006	231	162.3	7.7	-4.0	7.5	2.1	-14.4	0.2	5.9
2007	219	286.9	6.9	-0.7	11.6	-7.9	-16.2	-2.2	17.8
2008	209	223.2	5.7	-3.5	8.8	-5.3	-16.9	-2.1	1.9
2009	166	203.4	4.7	-3.0	7.0	-5.7	-15.2	-3.6	1.3
2010	135	292.3	10.3	-0.3	11.9	-2.9	-15.7	-2.2	29.7
2011	166	304.1	13.1	1.5	12.5	0.3	-13.8	-2.2	45.8
2012	186	430.4	14.7	4.3	16.8	-5.4	-16.4	-4.2	62.5
2013	208	414.4	13.9	4.9	15.8	-5.7	-14.7	-4.8	62.7
2014	208	505.0	18.3	9.0	19.3	-5.0	-13.2	-5.6	93.6
2015	165	459.4	16.1	8.3	17.7	-5.4	-12.1	-5.0	83.9
2016	116	438.9	13.7	6.4	15.7	-7.6	-13.6	-6.4	68.6
2017	117	523.5	16.1	10.0	19.5	-9.3	-12.9	-6.6	91.1
2018	123	673.0	21.6	13.3	27.5	-10.6	-15.5	-4.9	122.0
2019	102	611.3	20.6	13.7	24.5	-8.2	-11.8	-5.2	120.9
2020	98	595.9	23.0	12.6	23.9	-4.1	-12.7	-4.8	123.1
2021	134	760.2	28.1	18.2	32.1	-6.9	-12.9	-4.0	162.8
2022	47	700.3	30.2	20.4	30.6	-0.3	-6.9	-2.2	178.6

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 56 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bouw  
Basis: Dubbeloel  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	23994	93.5	86.3	92.8	96.0	96.9	88.4	96.1
1981	41888	94.0	87.3	93.6	96.7	97.8	88.3	96.2
1982	71946	94.5	87.8	94.3	97.5	97.7	88.3	96.8
1983	86998	94.9	88.2	94.8	97.9	97.1	88.1	97.0
1984	77969	94.8	88.3	95.2	98.2	96.8	88.0	97.0
1985	60660	94.8	88.4	95.5	98.4	96.8	88.0	97.0
1986	46677	95.1	88.5	95.7	98.7	96.4	87.8	96.5
1987	30795	96.0	88.1	96.2	99.3	95.7	88.0	97.1
1988	20069	96.6	88.3	97.2	100.4	95.1	88.0	97.9
1989	13174	97.1	88.6	97.8	100.8	94.6	88.5	98.1
1990	8115	97.4	88.6	98.0	101.0	94.4	88.5	97.9
1991	4595	97.9	88.9	98.2	101.3	94.2	88.4	97.6
1992	2585	98.3	88.3	98.2	101.7	93.4	88.7	97.8
1993	1544	98.3	88.5	98.1	101.4	93.5	88.5	97.8
1994	907	98.6	87.9	98.4	102.1	92.6	89.0	98.2
1995	551	98.7	88.0	98.3	102.2	92.9	88.6	98.2
1996	343	98.6	88.2	97.9	102.0	93.2	88.5	98.1
1997	218	98.4	88.3	97.9	102.0	93.5	88.3	98.4

1998	157	99.0	88.1	97.7	101.8	93.5	88.1	98.6
1999	91	99.2	88.8	98.5	102.3	93.8	88.9	99.4
2000	88	99.3	89.1	98.5	102.3	93.8	88.3	100.6
2001	87	99.7	88.9	98.9	102.6	93.6	89.2	101.1
2002	99	99.6	88.7	98.3	102.1	94.2	89.3	100.3
2003	68	100.5	89.3	99.7	103.4	93.3	89.1	100.3
2004	71	100.1	90.5	99.7	102.7	94.7	90.0	99.6
2005	59	100.5	89.4	100.1	103.6	93.3	88.8	101.8
2006	44	100.6	90.2	100.4	103.6	93.5	89.3	101.1
2007	44	100.1	89.2	99.7	103.2	93.1	89.2	101.3
2008	36	101.4	89.6	100.9	104.5	92.5	89.1	102.3
2009	19	101.4	90.3	100.9	104.2	93.0	89.6	101.3
2010	13	100.3	88.7	99.7	103.9	91.6	89.1	101.9
2011	22	100.5	88.8	101.2	104.9	91.6	89.3	101.1
2012	29	102.4	89.9	102.1	105.0	92.4	89.1	101.0
2013	33	101.8	90.0	100.7	104.0	93.3	89.6	101.9
2014	38	102.0	90.2	100.4	103.7	93.9	89.4	101.1
2015	32	101.5	90.5	100.4	103.8	94.2	89.9	101.2
2016	13	102.7	90.8	101.2	104.6	93.6	89.8	101.1
2017	15	103.9	90.5	101.5	104.7	94.5	90.6	101.0
2018	12	103.6	89.1	100.3	105.3	93.1	90.6	102.3
2021	11	104.9	91.7	102.5	106.5	94.4	91.2	102.3

Tabel: 57 Holstein - Fries Hollands zwartbont: Exterieurkenmerken  
beenwerk

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	23994	90.0	100.5	99.1	90.0	89.7
1981	41888	90.9	100.4	98.5	90.1	90.7
1982	71946	91.0	100.7	98.0	90.2	90.7
1983	86998	91.3	100.7	98.3	90.7	90.7
1984	77969	91.1	100.5	98.1	91.1	90.7
1985	60660	91.2	100.2	98.1	91.3	90.8
1986	46677	91.6	100.1	98.2	91.5	91.2
1987	30795	91.8	100.5	98.0	91.0	91.5
1988	20069	92.1	101.3	97.3	91.1	91.6
1989	13174	92.0	101.9	97.1	91.4	91.7
1990	8115	92.3	101.8	97.1	91.4	91.9
1991	4595	92.2	101.8	96.9	91.5	92.2
1992	2585	92.0	102.2	96.6	91.3	92.4
1993	1544	92.4	102.1	97.0	91.5	92.7
1994	907	92.6	101.9	96.8	91.2	92.9
1995	551	93.0	101.7	97.1	91.7	93.3
1996	343	93.1	101.5	97.0	92.0	93.4
1997	218	93.2	101.9	96.6	92.8	93.5
1998	157	93.0	101.5	96.6	93.1	93.7



1999	91	93.6	102.0	96.6	93.1	93.9
2000	88	94.4	101.7	96.3	94.1	94.3
2001	87	94.6	101.0	97.0	93.9	94.7
2002	99	94.8	100.2	97.3	94.0	95.1
2003	68	94.7	100.8	96.9	94.4	95.3
2004	71	94.8	100.5	97.5	94.8	95.6
2005	59	95.1	101.8	96.5	94.1	95.6
2006	44	95.1	100.8	97.3	94.2	95.8
2007	44	94.2	101.5	96.6	93.6	94.6
2008	36	95.5	100.9	97.4	94.0	96.0
2009	19	94.8	101.6	96.7	92.3	95.1
2010	13	93.4	100.8	96.9	93.5	94.2
2011	22	95.3	101.4	96.3	94.0	96.2
2012	29	95.3	101.3	97.6	94.2	96.1
2013	33	95.3	100.8	97.2	94.5	96.1
2014	38	95.6	100.6	97.7	94.2	96.3
2015	32	96.8	100.2	97.8	95.5	97.8
2016	13	96.6	100.6	97.7	95.0	97.0
2017	15	96.9	100.8	97.7	94.9	97.5
2018	12	97.3	100.8	97.8	95.0	98.1
2021	11	96.9	100.1	98.4	96.8	97.9

Tabel: 58 Holstein - Fries Hollands zwartbont: Exterieurkenmerken uier  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1980	23994	99.3	94.5	100.4	101.5	97.9	96.0	94.0
99.5								
1981	41888	99.4	94.4	100.5	101.4	98.0	96.3	94.1
99.4								
1982	71946	99.4	94.6	100.5	101.2	98.0	96.2	94.5
99.2								
1983	86998	99.1	95.1	100.8	101.0	98.5	96.7	94.7
99.5								
1984	77969	99.0	94.9	100.8	100.6	99.0	96.9	94.9
99.5								
1985	60660	99.0	94.7	100.9	100.6	99.4	96.8	94.8
99.8								
1986	46677	99.1	94.7	100.9	100.8	99.7	96.9	94.7
99.8								
1987	30795	99.3	95.6	100.5	100.9	100.1	97.5	95.5
99.8								
1988	20069	99.6	97.0	100.2	100.5	100.2	98.0	96.1
99.8								
1989	13174	100.0	97.6	100.1	100.7	100.3	98.1	96.3
99.7								

1990	8115	100.1	98.0	99.8	101.0	100.3	98.7	96.9
99.8								
1991	4595	100.2	97.8	100.2	101.3	101.0	98.8	97.1
100.4								
1992	2585	100.3	98.0	100.6	101.4	101.7	99.3	97.7
101.1								
1993	1544	99.9	98.1	100.6	101.3	102.1	99.7	98.0
101.8								
1994	907	99.9	98.1	100.8	101.2	102.1	99.6	98.3
102.1								
1995	551	100.0	98.4	100.9	101.5	101.8	99.6	98.5
101.7								
1996	343	100.2	98.6	100.8	101.7	101.7	99.8	98.6
101.6								
1997	218	100.7	99.3	100.4	102.1	101.7	100.1	99.3
101.6								
1998	157	101.1	99.7	100.3	102.7	101.8	100.5	99.6
101.3								
1999	91	100.4	99.4	101.3	101.5	101.6	99.8	99.0
101.3								
2000	88	101.4	100.3	99.7	102.6	102.0	100.6	100.1
101.1								
2001	87	101.4	101.3	100.4	102.7	102.3	100.9	100.6
101.6								
2002	99	101.2	100.4	100.3	102.6	102.2	100.2	99.7
101.7								
2003	68	101.6	101.9	99.8	103.1	102.8	101.5	101.2
102.6								
2004	71	101.8	101.6	99.9	103.0	102.6	101.3	100.5
102.2								
2005	59	101.5	102.4	99.9	102.4	103.0	102.0	101.8
102.1								
2006	44	101.3	102.1	101.0	102.0	102.8	101.7	101.4
102.2								
2007	44	101.6	101.8	100.2	102.5	103.2	101.8	101.6
102.4								
2008	36	100.9	103.1	100.1	101.9	103.7	102.8	102.8
102.8								
2009	19	101.2	101.2	101.0	102.2	104.0	101.8	101.4
103.4								
2010	13	101.9	103.2	100.2	102.5	103.2	102.2	102.8
102.5								
2011	22	101.9	102.4	101.2	102.1	104.8	103.0	102.4
103.6								
2012	29	103.0	103.8	99.8	104.2	105.2	103.4	103.8
103.9								
2013	33	102.1	102.8	99.9	103.2	104.1	102.5	102.3
103.3								
2014	38	101.6	102.9	101.1	102.8	103.8	101.9	101.9
103.3								

2015	32	102.5	103.5	100.6	103.2	104.1	102.1	102.2
102.8								
2016	13	103.6	103.9	100.1	104.5	106.1	103.2	103.3
103.6								
2017	15	102.5	103.0	100.3	103.9	103.9	102.0	102.4
103.9								
2018	12	104.2	104.3	102.0	104.2	106.8	103.2	103.2
104.9								
2021	11	103.4	104.5	99.9	104.3	106.2	103.3	103.1
104.0								

Tabel: 59 Holstein - Fries Hollands zwartbont: Exterieurkenmerken  
bovenbalk

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	23994	83.1	84.1	95.8	88.1	93.1	82.9
1981	41888	84.0	85.4	96.0	89.1	93.9	84.0
1982	71946	85.0	85.9	96.0	89.0	93.8	84.2
1983	86998	85.4	86.1	96.3	89.2	93.5	84.6
1984	77969	85.6	86.2	96.4	89.1	93.5	84.7
1985	60660	85.7	86.4	96.4	89.2	93.5	84.8
1986	46677	85.6	86.5	96.7	89.7	93.3	85.2
1987	30795	86.3	86.8	97.5	89.9	92.8	86.0
1988	20069	87.4	87.5	98.1	90.1	92.3	86.7
1989	13174	88.1	87.7	98.5	90.1	92.1	87.1
1990	8115	88.3	87.8	99.0	90.4	91.8	87.6
1991	4595	88.4	87.8	99.4	90.5	92.0	87.8
1992	2585	88.5	87.6	100.0	90.5	91.5	88.1
1993	1544	88.4	87.8	100.2	91.0	91.6	88.6
1994	907	88.9	87.9	100.1	91.2	90.9	88.7
1995	551	88.7	88.3	100.2	91.7	91.1	89.1
1996	343	88.5	88.1	100.4	91.7	91.2	89.2
1997	218	88.5	88.4	101.0	91.8	91.4	89.6
1998	157	88.6	88.4	101.6	91.9	91.4	90.0
1999	91	89.9	89.4	100.6	92.3	91.6	90.2
2000	88	90.2	90.0	102.0	92.8	92.0	91.4
2001	87	91.1	90.3	102.6	93.1	92.2	92.1
2002	99	90.5	90.1	102.0	93.3	92.2	91.7
2003	68	91.4	90.6	103.4	93.6	91.8	92.9
2004	71	91.8	91.1	103.1	94.2	93.4	93.3
2005	59	92.1	91.4	103.6	94.2	92.5	93.7
2006	44	92.5	91.6	103.0	94.4	92.8	93.6
2007	44	91.7	90.7	103.4	93.1	92.5	92.5
2008	36	93.0	92.0	104.0	94.8	92.1	94.5
2009	19	93.1	91.5	103.3	93.8	92.4	93.6
2010	13	92.2	90.0	104.0	92.6	90.8	92.6

2011	22	92.2	91.3	104.5	94.8	91.1	94.5
2012	29	93.4	92.1	106.2	94.8	92.1	95.6
2013	33	93.3	92.0	104.8	94.7	93.0	94.9
2014	38	93.0	92.0	104.1	95.0	93.2	94.7
2015	32	93.1	93.1	104.8	96.5	93.5	96.3
2016	13	93.8	93.1	106.9	96.0	93.1	97.0
2017	15	94.2	93.5	104.9	96.5	93.9	96.4
2018	12	93.8	93.4	107.5	97.1	92.5	98.2
2021	11	96.2	94.9	106.8	96.7	94.2	98.4

Tabel: 60 Holstein - Fries Hollands zwartbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	44563	101.9	99.3	98.8	99.0	100.1	101.9	91.1	98.9
99.9									
1981	78666	101.0	99.4	98.4	98.9	99.3	100.9	91.8	98.7
99.2									
1982	137452	100.7	99.3	98.2	98.6	98.9	100.6	92.3	98.5
99.0									
1983	171219	100.8	98.7	97.9	98.1	98.7	100.5	92.9	98.1
98.7									
1984	164042	101.0	98.5	98.0	98.1	98.9	100.5	93.3	98.0
98.7									
1985	133647	101.0	98.4	97.9	98.0	98.8	100.3	93.2	97.8
98.5									
1986	112409	100.7	98.2	97.6	97.7	98.6	99.8	93.3	97.6
98.2									
1987	84419	100.5	98.2	97.3	97.5	98.4	100.7	94.3	97.4
98.2									
1988	57956	100.2	97.6	97.0	96.9	98.1	101.1	95.0	96.8
97.9									
1989	40680	99.7	97.2	96.6	96.4	97.5	100.2	96.1	96.4
97.3									
1990	25725	99.2	97.3	96.4	96.4	97.3	99.8	96.5	96.4
97.2									
1991	14773	99.3	97.1	96.3	96.2	97.3	100.2	96.9	96.2
97.1									
1992	8210	99.2	96.9	96.2	96.1	97.3	100.7	97.1	96.0
97.2									
1993	5418	99.5	96.7	96.4	96.1	97.6	101.1	97.2	96.1
97.4									
1994	3315	99.2	96.6	96.3	95.8	97.4	100.9	97.3	95.9
97.2									

1995	2153	99.1	96.5	96.2	95.7	97.3	100.7	97.2	95.9
97.1									
1996	1435	99.0	96.5	96.2	95.8	97.3	100.8	97.6	95.9
97.1									
1997	966	99.1	96.6	96.3	95.9	97.4	100.6	97.7	95.9
97.2									
1998	768	98.9	96.7	96.3	95.9	97.2	100.5	97.9	96.0
97.0									
1999	497	98.7	96.8	96.1	95.9	97.1	100.3	98.0	96.0
96.9									
2000	444	98.7	96.6	96.0	95.7	97.0	100.0	98.1	95.8
96.8									
2001	367	98.8	96.3	96.0	95.6	97.0	100.1	98.6	95.7
96.7									
2002	341	98.5	96.5	95.9	95.6	96.9	99.8	98.4	95.7
96.6									
2003	303	98.8	96.5	96.1	95.7	97.1	100.1	98.5	95.8
96.9									
2004	358	99.0	96.6	96.3	96.0	97.3	100.0	98.2	96.0
97.0									
2005	278	98.6	96.3	96.0	95.6	97.0	100.1	98.9	95.6
96.7									
2006	307	98.7	96.5	96.2	95.7	97.2	99.9	98.4	95.8
96.9									
2007	310	99.1	95.9	96.2	95.4	97.4	100.3	99.2	95.6
96.9									
2008	305	99.3	96.0	96.3	95.5	97.4	100.2	98.9	95.6
96.9									
2009	271	99.1	96.6	96.7	96.1	97.7	100.1	99.2	96.2
97.3									
2010	217	99.1	97.1	97.0	96.5	97.9	100.4	99.6	96.6
97.6									
2011	276	98.8	97.4	97.0	96.7	97.8	100.0	99.4	96.7
97.5									
2012	288	98.7	96.9	96.6	96.2	97.5	99.7	98.8	96.3
97.1									
2013	268	98.4	97.3	96.7	96.6	97.6	99.6	99.4	96.6
97.3									
2014	278	98.2	96.9	96.4	96.2	97.4	99.4	99.2	96.2
97.0									
2015	217	98.4	97.2	96.6	96.5	97.5	99.4	99.3	96.4
97.2									
2016	162	98.5	97.9	97.3	97.3	98.1	99.7	99.5	97.3
97.9									
2017	146	98.5	97.6	97.2	97.1	98.1	99.5	100.1	97.0
97.7									
2018	149	98.5	97.8	97.4	97.3	98.3	100.0	99.9	97.2
98.0									
2019	125	98.1	98.0	97.4	97.3	98.1	99.8	100.5	97.4
97.9									

2020	138	98.3	98.5	97.6	97.8	98.3	99.8	100.0	97.7
98.2									
2021	155	98.5	98.4	98.1	97.9	98.9	100.9	101.7	98.0
98.7									
2022	82	98.8	98.1	98.1	97.8	99.1	100.9	101.6	97.8
98.8									

Tabel: 61 Holstein - Fries Hollands zwartbont: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	9295	97.3	93.1	98.5	103.9	104.6
1981	16353	97.1	92.8	97.9	103.5	104.1
1982	27563	97.3	92.7	97.6	103.1	103.5
1983	33827	97.7	92.4	97.3	102.7	103.1
1984	32270	98.0	92.3	97.0	102.3	102.6
1985	26355	97.9	92.4	97.0	102.2	102.6
1986	22595	98.1	92.7	96.9	101.9	102.3
1987	16956	97.8	93.3	96.8	101.9	102.0
1988	11945	97.8	93.6	96.9	101.8	101.8
1989	8425	98.4	93.6	96.4	100.9	101.1
1990	5764	98.4	93.8	96.1	100.4	101.0
1991	3724	98.1	93.0	95.9	100.0	100.5
1992	2552	97.6	93.0	95.8	99.7	100.0
1993	1505	97.7	93.8	96.1	100.0	100.3
1994	890	97.6	94.4	96.2	99.9	100.1
1995	519	98.3	94.1	96.1	99.9	100.2
1996	296	98.2	94.3	96.4	100.2	100.3
1997	192	98.3	94.5	96.3	100.1	100.3
1998	145	98.0	94.5	96.0	99.8	100.0
1999	85	97.9	94.5	95.7	99.2	99.7
2000	78	99.2	94.7	95.9	99.2	99.6
2001	66	99.3	95.8	96.0	99.2	99.5
2002	78	99.2	94.9	96.0	99.2	99.2
2003	62	99.5	95.5	96.1	98.8	99.2
2004	67	98.8	95.5	96.3	99.1	99.3
2005	40	98.8	96.2	96.2	99.1	99.3
2006	53	98.2	97.7	96.7	99.3	99.5
2007	41	98.1	97.8	95.8	98.3	98.7
2008	35	99.4	96.3	96.3	98.5	98.8
2009	11	98.9	97.4	96.2	98.4	98.6
2010	11	98.6	96.5	96.8	99.4	99.0
2011	24	99.1	96.7	96.8	98.8	98.4
2012	22	99.0	96.3	96.9	98.9	98.6
2013	32	99.7	97.7	97.3	99.2	98.6
2014	46	100.2	98.2	96.7	98.7	97.9

2015	29	99.4	98.1	97.3	99.4	98.8
2016	14	98.7	97.3	97.8	99.6	98.9
2017	14	98.3	96.9	97.6	99.7	99.1
2018	12	99.4	98.4	98.4	100.3	99.4
2020	10	100.8	100.1	98.1	99.8	98.9

Tabel: 62 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	14449	-153.3	-338.3	53.5	104.8	99.9	95.8	88.1	97.7
0.0									
1981	26903	-154.2	-310.0	17.8	104.3	99.2	96.0	89.1	97.6
0.0									
1982	47379	-161.9	-300.8	-3.1	103.7	99.0	96.0	89.0	97.2
0.0									
1983	63328	-162.3	-279.5	-55.3	103.2	98.7	96.3	89.2	97.3
0.0									
1984	74865	-184.0	-273.3	-209.6	102.7	98.7	96.4	89.1	97.2
0.0									
1985	73960	-193.0	-268.8	-309.2	102.7	98.5	96.4	89.2	97.0
205.4									
1986	69936	-193.5	-248.2	-364.0	102.4	98.2	96.7	89.7	96.7
195.4									
1987	56449	-184.9	-230.3	-405.9	102.2	98.2	97.5	89.9	96.4
181.3									
1988	45173	-179.0	-210.3	-417.7	102.0	97.9	98.1	90.1	96.4
162.6									
1989	33573	-181.3	-194.1	-428.8	101.1	97.3	98.5	90.1	96.2
153.7									
1990	20684	-175.8	-183.9	-419.6	100.8	97.2	99.0	90.4	96.1
152.4									
1991	11588	-169.0	-162.9	-395.0	100.3	97.1	99.4	90.5	96.5
147.4									
1992	6305	-158.1	-140.2	-351.1	99.9	97.2	100.0	90.5	96.9
151.0									
1993	4247	-148.4	-131.4	-345.1	100.2	97.4	100.2	91.0	97.2
146.8									
1994	2541	-142.0	-115.4	-321.2	100.0	97.2	100.1	91.2	97.4
150.7									
1995	1712	-136.1	-107.6	-295.6	100.1	97.1	100.2	91.7	97.5
144.3									

1996	1142	-129.8	-96.5	-280.6	100.3	97.1	100.4	91.7	97.4
137.5									
1997	763	-125.8	-91.1	-290.6	100.2	97.2	101.0	91.8	97.6
133.8									
1998	607	-123.5	-86.1	-278.3	99.9	97.0	101.6	91.9	97.6
128.7									
1999	399	-116.6	-62.4	-261.5	99.4	96.9	100.6	92.3	97.7
122.0									
2000	357	-109.2	-40.6	-244.8	99.4	96.8	102.0	92.8	97.5
108.1									
2001	288	-104.7	-40.2	-230.0	99.3	96.7	102.6	93.1	97.6
108.1									
2002	261	-100.8	-28.0	-213.0	99.1	96.6	102.0	93.3	97.5
112.3									
2003	221	-96.2	-28.0	-202.0	98.9	96.9	103.4	93.6	97.6
97.3									
2004	255	-85.7	-10.7	-192.8	99.1	97.0	103.1	94.2	97.7
87.8									
2005	202	-83.7	-14.0	-171.3	99.1	96.7	103.6	94.2	98.0
88.5									
2006	231	-69.7	5.9	-144.4	99.4	96.9	103.0	94.4	98.3
72.3									
2007	219	-73.7	17.8	-173.6	98.4	96.9	103.4	93.1	98.1
90.2									
2008	209	-73.6	1.9	-159.7	98.5	96.9	104.0	94.8	98.3
68.7									
2009	166	-72.2	1.3	-178.4	98.3	97.3	103.3	93.8	98.4
74.0									
2010	135	-58.8	29.7	-116.0	99.0	97.6	104.0	92.6	98.6
86.8									
2011	166	-51.8	45.8	-89.3	98.4	97.5	104.5	94.8	98.7
72.6									
2012	186	-46.3	62.5	-38.3	98.6	97.1	106.2	94.8	98.8
64.8									
2013	208	-42.6	62.7	-7.3	98.7	97.3	104.8	94.7	98.8
64.9									
2014	208	-36.5	93.6	-9.0	98.1	97.0	104.1	95.0	99.2
58.2									
2015	165	-20.5	83.9	16.2	99.0	97.2	104.8	96.5	99.3
47.3									
2016	116	-22.6	68.6	4.6	99.1	97.9	106.9	96.0	99.3
56.4									
2017	117	-6.3	91.1	38.7	99.3	97.7	104.9	96.5	99.6
32.0									
2018	123	9.0	122.0	84.6	99.8	98.0	107.5	97.1	99.9
42.2									
2019	102	15.7	120.9	86.9	99.9	97.9	107.9	95.8	100.1
27.5									
2020	98	11.7	123.1	72.8	99.2	98.2	103.6	96.7	100.3
8.3									



2021	134	49.1	162.8	134.4	100.0	98.7	106.8	96.7	100.4
-3.0									
2022	47	73.0	178.6	215.3	100.6	98.8	0.0	0.0	100.7
-10.8									

Tabel: 63 Holstein - Fries Hollands zwartbont: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	30	95.1	95.1	99.0	98.5	94.8	100.1	96.4
1981	69	94.2	94.7	98.6	97.6	93.0	98.2	97.2
1982	142	94.5	94.6	99.0	97.9	93.2	98.9	96.8
1983	1432	95.2	94.9	98.8	98.5	96.2	102.2	95.7
1984	1386	95.3	95.0	98.9	98.6	96.1	102.2	95.6
1985	1379	95.3	95.0	98.8	98.5	96.4	102.3	95.6
1986	1799	95.3	95.0	98.8	98.5	96.3	102.3	95.6
1987	1839	94.7	93.9	99.4	97.9	94.7	101.5	95.3
1988	2419	94.5	93.3	100.0	98.7	92.7	100.8	94.6
1989	2107	95.0	93.4	100.5	99.5	92.4	101.1	94.5
1990	1445	95.4	93.7	100.9	100.2	92.5	101.2	94.3
1991	1038	96.1	93.6	101.5	100.9	93.2	101.0	94.7
1992	637	96.6	93.7	101.9	101.3	93.3	100.9	95.0
1993	418	95.8	93.4	101.1	100.4	92.9	100.6	95.3
1994	244	95.5	93.3	101.2	99.6	93.1	100.5	95.0
1995	236	95.3	94.1	100.7	98.7	94.0	100.1	94.8
1996	132	94.9	94.0	100.3	98.4	93.8	99.4	95.0
1997	83	94.9	93.6	100.6	98.7	93.6	99.0	94.8
1998	93	94.4	93.1	100.4	98.0	93.0	98.5	94.7
1999	44	93.6	93.1	99.6	98.0	92.3	98.7	94.5
2000	43	93.4	92.4	99.7	98.0	92.2	98.9	94.0
2001	31	93.8	93.3	99.3	97.7	93.3	99.2	94.9
2002	43	94.5	93.5	100.0	98.6	93.2	99.3	95.0
2003	42	93.7	93.1	99.4	97.6	92.9	98.3	95.2
2004	50	94.7	94.0	99.8	98.6	93.9	98.5	95.6
2005	36	94.3	93.4	99.6	98.5	93.4	99.3	95.2
2006	27	93.5	93.9	98.4	97.2	94.1	98.4	95.7
2007	14	94.6	94.5	99.5	97.7	94.4	98.9	95.8
2008	17	94.6	93.6	99.4	98.4	93.8	99.5	96.1
2011	11	95.2	95.1	99.2	97.6	94.6	98.5	97.5
2013	11	95.7	96.4	98.6	97.5	96.2	99.1	99.0
2014	16	95.2	96.9	97.9	96.8	96.2	97.9	98.5
2015	21	95.4	96.1	98.4	97.8	96.0	98.4	98.2
2016	12	95.3	95.3	98.4	98.2	95.7	99.8	98.2
2017	10	96.0	94.7	99.5	98.9	95.6	100.4	97.8

Tabel: 64 Holstein - Fries Hollands zwartbont:  
 Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	11125	97.7	98.7	97.7	98.7	98.5	99.4
1981	21190	97.7	98.9	97.7	98.9	98.4	99.3
1982	37736	97.3	98.9	97.3	98.9	98.3	98.9
1983	48340	97.2	98.8	97.2	98.8	98.2	98.8
1984	50070	97.7	98.4	97.7	98.4	98.6	98.3
1985	44245	97.4	98.3	97.4	98.3	98.2	98.0
1986	41417	97.2	98.1	97.2	98.1	98.0	98.1
1987	33278	96.9	97.9	96.9	97.9	98.1	98.2
1988	25632	97.3	97.8	97.3	97.8	98.6	98.6
1989	20254	97.0	97.8	97.0	97.8	98.8	98.5
1990	14830	97.4	97.6	97.4	97.6	99.0	98.2
1991	10085	97.7	97.9	97.7	97.9	99.2	98.1
1992	5946	98.1	97.9	98.1	97.9	99.6	98.2
1993	4449	98.4	98.1	98.4	98.1	99.5	98.5
1994	3299	98.7	98.1	98.7	98.1	99.7	98.6
1995	2197	98.9	98.0	98.9	98.0	99.7	98.1
1996	1554	98.9	97.9	98.9	97.9	99.7	98.3
1997	1098	99.0	98.1	99.0	98.1	99.5	98.4
1998	904	98.9	98.0	98.9	98.0	99.5	98.2
1999	695	98.8	98.2	98.8	98.2	99.4	98.3
2000	605	98.6	98.2	98.6	98.2	99.4	98.1
2001	446	98.6	98.3	98.6	98.3	99.2	98.2
2002	431	98.6	98.1	98.6	98.1	99.5	98.2
2003	396	98.7	98.2	98.7	98.2	99.6	98.1
2004	436	98.9	98.1	98.9	98.1	99.9	98.2
2005	327	99.1	98.3	99.1	98.3	99.8	98.3
2006	317	99.3	98.5	99.3	98.5	100.0	98.6
2007	317	99.0	98.5	99.0	98.5	99.9	98.2
2008	321	99.1	98.6	99.1	98.6	100.0	98.4
2009	296	99.3	98.7	99.3	98.7	100.6	98.4
2010	230	99.5	98.7	99.5	98.7	100.8	98.7
2011	285	99.5	98.7	99.5	98.7	100.7	98.6
2012	329	99.7	98.6	99.7	98.6	101.1	98.7
2013	305	99.5	98.7	99.5	98.7	100.9	98.9
2014	300	99.6	99.0	99.6	99.0	101.0	99.2
2015	264	100.0	98.9	100.0	98.9	101.4	98.9
2016	215	100.0	98.9	100.0	98.9	101.5	99.1
2017	197	100.0	99.2	100.0	99.2	101.6	99.5
2018	199	100.4	99.3	100.4	99.3	102.1	99.6
2019	187	100.6	99.4	100.6	99.4	102.2	99.7
2020	177	100.8	99.6	100.8	99.6	102.5	99.8
2021	216	101.0	99.6	101.0	99.6	102.5	100.1
2022	225	101.0	99.7	101.0	99.7	102.9	100.3

2023	211	100.9	100.0	100.9	100.0	102.6	100.1
2024	124	100.1	99.6	100.1	99.6	102.1	99.8

Tabel: 65 Holstein - Fries Hollands zwartbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	13108	98.3	103.1	102.5	98.0	98.8	98.2
1981	22790	98.2	102.6	102.5	97.1	98.5	98.7
1982	39230	97.2	103.2	103.4	96.6	98.4	99.6
1983	66387	97.1	102.8	103.5	97.1	98.6	99.1
1984	65569	96.9	102.6	103.5	96.5	98.7	99.2
1985	52030	97.4	102.4	102.8	96.3	98.6	98.7
1986	42871	97.4	102.5	102.6	96.1	98.3	98.1
1987	29968	97.5	102.1	102.7	96.5	98.2	98.2
1988	20114	97.5	102.0	102.7	97.1	97.8	97.6
1989	13125	96.6	102.0	103.5	96.5	97.8	98.1
1990	8150	96.9	101.6	103.3	96.0	97.8	98.6
1991	5342	97.3	101.2	102.9	96.0	98.1	99.0
1992	3179	97.7	101.0	102.5	96.6	98.4	98.8
1993	1942	98.0	101.3	102.5	96.9	98.8	99.0
1994	1153	98.1	101.4	102.5	97.3	98.8	98.7
1995	728	97.5	101.7	103.2	96.5	98.6	99.0
1996	529	98.2	100.8	102.5	96.0	99.1	99.5
1997	288	98.7	100.4	102.0	95.7	98.9	99.4
1998	249	99.4	99.9	101.3	95.8	99.0	99.1
1999	197	99.2	100.1	101.6	95.5	99.6	99.6
2000	179	98.2	100.4	102.5	95.6	99.8	100.1
2001	155	98.3	100.6	102.6	95.6	99.6	99.9
2002	158	99.0	100.4	101.8	95.7	99.3	99.3
2003	142	98.8	100.1	102.0	95.9	99.4	99.5
2004	145	99.0	100.2	101.8	96.5	99.6	99.2
2005	136	98.9	100.2	102.2	96.4	99.8	99.7
2006	151	99.3	99.6	101.7	96.1	99.9	100.3
2007	221	99.1	99.8	101.9	96.2	99.5	100.0
2008	203	98.8	99.9	102.1	96.7	99.8	99.8
2009	163	99.3	99.7	101.7	96.9	99.7	99.6
2010	149	99.7	100.1	101.4	96.8	99.8	99.8
2011	187	100.0	98.7	101.2	97.9	100.0	99.5
2012	231	99.8	98.3	101.6	99.1	99.8	98.9
2013	208	99.4	98.1	102.1	99.0	99.4	98.8
2014	252	99.4	97.7	102.3	99.7	99.8	99.0
2015	221	100.2	98.4	101.5	99.4	99.6	98.9
2016	161	99.8	98.2	101.8	99.8	99.5	98.3
2017	147	100.2	98.6	101.7	100.1	99.3	98.7
2018	138	99.8	98.5	101.7	99.9	99.2	98.2
2019	113	100.6	98.6	101.2	100.2	99.2	98.6

2020	109	99.9	98.7	101.9	100.7	99.4	98.2
2021	108	101.3	98.4	100.8	100.8	99.0	98.4
2022	100	101.5	98.8	100.7	100.9	98.7	98.1
2023	100	100.5	98.5	101.3	100.6	100.2	98.7
2024	29	100.8	99.3	101.0	100.2	100.0	98.8

Tabel: 66 Holstein - Fries Hollands zwartbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	12894	98.7	95.8	98.7	96.7	99.2	97.6	99.8	97.3	100.3
96.9	97.7									
1981	23129	98.9	96.0	98.4	97.2	99.4	97.2	100.3	96.6	100.3
96.5	98.3									
1982	40019	99.1	95.7	99.0	97.2	99.4	97.3	100.8	96.4	100.2
97.0	98.4									
1983	50856	99.1	95.0	99.7	97.1	99.1	97.5	100.9	96.5	99.5
97.2	98.2									
1984	50838	98.9	94.8	99.7	96.9	99.1	97.6	100.6	96.2	99.5
96.7	98.6									
1985	43979	98.5	94.7	99.7	96.6	98.6	97.8	100.4	96.0	99.3
96.7	98.6									
1986	39949	98.4	94.4	100.1	96.6	98.3	98.1	100.3	96.0	99.0
96.9	98.5									
1987	31560	98.6	93.6	100.7	96.5	98.2	98.2	100.3	96.7	98.5
97.3	98.2									
1988	23881	98.0	92.3	101.3	96.2	97.0	98.5	99.7	97.4	97.5
97.0	97.7									
1989	18442	97.8	91.3	101.5	96.3	96.1	98.5	99.7	97.8	96.8
97.2	97.2									
1990	13440	97.9	91.1	101.5	96.4	96.2	98.2	99.8	97.9	96.5
96.9	97.1									
1991	8950	97.8	90.9	102.1	96.6	95.5	98.9	99.7	97.8	96.2
97.6	97.5									
1992	5740	97.3	90.5	102.3	96.4	94.9	99.2	99.3	97.9	95.9
97.6	97.4									
1993	4056	97.1	90.2	102.2	96.2	94.6	99.2	99.1	97.8	95.7
97.6	97.1									
1994	2537	97.1	89.6	102.7	95.6	94.6	99.2	98.9	98.3	95.5
97.7	96.9									
1995	1761	96.8	89.7	102.3	95.5	94.5	99.2	98.6	98.2	95.5
97.7	96.5									
1996	1320	96.6	89.9	102.1	95.4	94.8	99.1	98.5	97.9	95.7
97.5	96.2									

1997	1047	96.5	89.8	102.1	95.2	94.8	99.1	98.3	98.0	95.5
97.7	95.6									
1998	760	96.6	90.0	102.3	95.0	95.2	99.0	98.4	97.7	95.8
97.8	95.7									
1999	602	96.4	90.1	102.4	94.9	95.1	99.2	98.2	97.8	95.8
97.8	95.6									
2000	511	96.2	89.9	102.2	94.8	94.8	99.4	97.9	97.8	95.7
97.7	95.6									
2001	378	96.1	89.5	102.1	94.7	94.6	99.5	97.8	97.8	95.4
97.7	95.3									
2002	380	95.9	89.4	102.0	94.7	94.6	99.5	97.9	97.1	95.3
97.7	95.5									
2003	344	95.9	89.6	101.6	94.8	94.6	99.4	97.7	97.4	95.4
97.4	95.4									
2004	389	95.8	89.9	101.9	94.8	94.7	99.7	97.6	97.4	95.7
97.7	95.5									
2005	300	95.5	89.4	101.9	94.7	94.2	99.8	97.3	97.6	95.3
97.7	95.2									
2006	295	95.2	89.8	101.4	95.0	93.9	100.1	96.9	97.6	95.3
97.7	95.1									
2007	253	95.2	89.5	101.2	95.1	93.7	99.7	97.1	97.5	95.0
97.4	95.2									
2008	215	94.9	89.4	101.1	95.3	93.3	100.1	96.8	97.3	95.0
97.3	95.4									
2009	166	95.0	89.6	101.0	95.5	93.4	100.2	96.8	97.7	95.0
97.8	94.9									
2010	116	94.7	88.2	102.0	94.6	92.8	100.1	96.7	97.6	94.0
97.7	94.7									
2011	105	93.9	88.7	102.3	94.3	92.8	101.4	95.7	97.2	94.7
98.6	94.1									
2012	65	94.5	88.7	102.0	94.4	93.2	100.7	96.0	98.0	94.8
98.2	94.4									
2013	42	93.2	87.2	101.8	94.0	91.2	101.8	94.8	98.1	93.5
98.0	94.3									
2014	42	93.2	87.5	102.3	94.2	91.2	102.1	94.7	98.3	94.0
98.3	94.2									
2015	32	93.8	87.1	102.6	93.7	91.5	101.0	95.4	98.4	93.1
98.3	93.7									
2016	13	94.7	86.9	102.7	94.4	92.2	100.2	96.8	98.4	93.3
97.7	94.7									
2017	14	94.6	87.1	102.2	94.6	92.4	101.1	96.6	97.9	93.5
98.9	94.5									
2018	12	93.2	85.4	103.6	93.4	91.0	101.4	94.9	98.2	92.3
98.2	93.9									
2021	10	94.3	85.9	103.6	94.7	90.7	101.8	96.7	97.8	92.0
99.0	95.3									

Tabel: 67 Holstein - Fries Hollands zwartbont: Kalvervitaliteit

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	11356	98.9	97.9	100.2
1981	21587	98.6	97.6	100.1
1982	38241	98.2	97.3	99.9
1983	48851	98.5	97.6	99.8
1984	50613	98.6	97.6	99.7
1985	44551	98.2	97.4	99.7
1986	41547	97.8	97.1	99.4
1987	33323	98.0	97.2	99.7
1988	25679	98.6	97.3	100.5
1989	20180	98.1	96.9	100.0
1990	14772	98.4	97.2	100.0
1991	9821	98.4	97.4	100.0
1992	5797	98.5	97.6	100.3
1993	4843	98.6	97.8	100.3
1994	4161	98.7	97.8	100.5
1995	2723	99.1	97.9	100.7
1996	1898	99.0	97.9	100.7
1997	1351	99.1	97.8	100.9
1998	1051	99.1	97.8	100.9
1999	797	99.2	97.9	100.9
2000	686	99.2	97.9	100.8
2001	520	99.4	98.2	101.0
2002	477	99.2	98.0	100.7
2003	430	99.2	98.0	100.7
2004	519	99.4	98.3	100.7
2005	398	99.7	98.4	101.0
2006	375	99.6	98.4	100.7
2007	374	99.7	98.5	100.8
2008	389	99.4	98.2	100.9
2009	362	99.5	98.3	101.2
2010	284	100.0	98.8	101.3
2011	322	100.5	99.4	101.3
2012	395	100.4	99.3	101.2
2013	336	100.9	99.8	101.7
2014	328	101.2	99.9	102.0
2015	291	101.3	99.9	102.0
2016	245	100.7	99.5	101.8
2017	221	101.2	99.8	102.0
2018	226	101.0	99.7	102.1
2019	194	101.1	99.7	102.1
2020	198	101.0	99.6	102.2
2021	229	101.1	99.4	102.4
2022	248	101.3	99.4	102.6
2023	237	100.9	99.3	102.2
2024	112	101.1	99.5	102.2

Tabel: 68 Holstein - Fries Hollands zwartbont: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	288	-2363.2	-8537.3	-334.1	-316.5
2002	267	-2195.4	-7731.7	-311.2	-293.4
2003	221	-2117.5	-7486.1	-297.3	-285.0
2004	260	-2001.3	-7169.0	-280.5	-269.7
2005	209	-1856.6	-6441.3	-265.0	-246.9
2006	233	-1613.9	-5690.2	-222.9	-219.8
2007	222	-1780.5	-6048.4	-256.9	-234.8
2008	208	-1712.4	-5785.1	-242.8	-228.8
2009	172	-1836.8	-6285.8	-264.8	-242.4
2010	134	-1307.8	-4385.9	-180.0	-178.6
2011	166	-1061.9	-3697.0	-139.0	-150.0
2012	189	-639.4	-1955.8	-78.0	-94.3
2013	214	-416.7	-1210.0	-45.9	-64.8
2014	211	-319.1	-915.9	-32.6	-51.4
2015	166	-131.1	-287.3	-6.2	-26.2
2016	117	-288.1	-716.4	-29.8	-46.2
2017	117	42.2	488.0	17.1	-2.1
2018	123	500.2	2308.7	90.2	53.4
2019	102	535.4	2189.1	92.3	60.1
2020	99	436.7	1756.4	85.5	41.9
2021	137	1066.7	4132.8	179.3	123.0
2022	53	1721.9	6058.2	279.0	205.8

Tabel: 69 Holstein - Fries Hollands zwartbont: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	390	92.9	95.8	99.5	91.6
1981	1196	92.4	94.5	99.9	90.8
1982	1212	93.8	94.7	99.5	91.8
1983	2708	95.5	96.3	98.4	93.3
1984	3180	95.4	96.4	98.6	93.3
1985	2611	96.1	96.1	98.4	93.6
1986	2503	97.0	95.7	98.2	94.0
1987	2412	96.0	95.0	97.7	92.4
1988	2438	95.4	94.6	98.1	91.9
1989	1711	95.8	92.4	98.9	91.3
1990	1122	95.5	92.5	98.9	90.9
1991	705	95.1	93.3	97.9	90.1

1992	399	95.6	93.4	95.5	88.7
1993	261	95.0	93.8	95.6	88.5
1994	150	94.7	93.6	95.9	88.2
1995	89	95.4	93.7	96.2	89.2
1996	54	96.8	94.9	96.6	91.6
1997	32	95.3	95.8	95.7	90.1
1998	31	97.1	94.9	96.4	91.5
1999	28	96.6	95.1	97.5	91.6
2000	23	97.0	94.9	97.7	92.3
2001	15	96.7	94.3	97.2	91.9
2002	25	97.2	94.6	96.4	91.2
2003	21	97.5	95.9	97.3	93.2
2004	32	97.8	96.0	96.4	92.8
2005	20	96.8	95.5	96.8	91.8
2006	40	96.5	93.8	97.1	90.6
2007	30	97.9	94.8	97.0	92.5
2008	30	97.3	97.3	96.0	92.6
2009	20	96.9	95.5	97.5	92.5
2010	26	96.6	95.4	96.5	91.7
2011	36	98.1	95.9	96.3	92.5
2012	21	97.0	97.0	96.6	92.3
2013	33	98.8	98.5	96.6	95.1
2014	57	98.5	99.9	96.4	95.1
2015	47	98.6	100.6	96.6	96.0
2016	38	99.0	100.4	96.3	96.3
2017	44	97.3	100.7	96.8	95.2
2018	17	96.0	100.4	96.5	93.6
2019	23	97.8	101.9	96.3	96.2
2020	30	98.6	101.3	96.8	96.9
2021	37	98.1	104.2	97.3	98.7
2022	14	99.9	103.7	96.8	99.8

Tabel: 70 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	14449	94.5	101.1	0	0.0	0.0	0	0.0
1981	26903	94.5	101.5	0	0.0	0.0	0	0.0
1982	47379	94.7	101.6	0	0.0	0.0	0	0.0
1983	63328	94.7	100.9	0	0.0	0.0	0	0.0
1984	74865	94.5	100.6	0	0.0	0.0	0	0.0
1985	73960	94.3	100.5	60238	-3.5	205.4	0	0.0
1986	69936	94.4	100.7	46580	-3.3	195.4	0	0.0
1987	56449	94.7	100.4	30851	-3.0	181.3	0	0.0
1988	45173	95.0	99.7	20164	-2.7	162.6	0	0.0
1989	33573	94.8	99.2	13222	-2.4	153.7	0	0.0



1990	20684	94.8	99.0	8137	-2.4	152.4	0	0.0
1991	11588	94.9	99.4	4618	-2.2	147.4	0	0.0
1992	6305	94.9	99.5	2615	-2.1	151.0	0	0.0
1993	4247	94.8	99.2	1565	-2.0	146.8	0	0.0
1994	2541	95.4	99.1	919	-1.9	150.7	0	0.0
1995	1712	95.5	99.1	575	-1.8	144.3	0	0.0
1996	1142	95.8	99.2	370	-1.7	137.5	0	0.0
1997	763	96.0	99.0	236	-1.6	133.8	0	0.0
1998	607	96.3	99.3	174	-1.6	128.7	0	0.0
1999	399	96.2	98.7	96	-1.4	122.0	0	0.0
2000	357	96.5	98.6	100	-1.1	108.1	0	0.0
2001	288	96.5	98.4	95	-1.0	108.1	87	91.0
2002	261	96.1	98.3	109	-1.2	112.3	99	90.7
2003	221	96.6	99.3	79	-0.8	97.3	68	91.4
2004	255	96.9	99.3	87	-0.8	87.8	71	92.4
2005	202	97.2	98.5	71	-0.9	88.5	59	91.9
2006	231	96.8	99.1	61	-0.6	72.3	43	92.5
2007	219	96.2	97.4	59	-0.9	90.2	42	91.5
2008	209	96.7	98.1	55	-0.5	68.7	36	92.0
2009	166	95.8	98.0	25	-0.5	74.0	18	92.1
2010	135	96.7	97.8	18	-0.4	86.8	13	90.2
2011	166	97.1	98.6	33	-0.1	72.6	22	90.7
2012	186	97.6	97.9	39	-0.2	64.8	29	92.5
2013	208	97.4	98.0	44	-0.2	64.9	32	92.6
2014	208	97.8	98.3	45	0.3	58.2	37	92.9
2015	165	97.9	99.0	50	0.1	47.3	32	93.3
2016	116	97.5	98.2	15	0.3	56.4	13	93.7
2017	117	97.3	98.7	26	0.3	32.0	15	94.3
2018	123	98.3	98.6	19	0.5	42.2	12	92.8
2019	102	98.3	98.8	15	0.6	27.5	8	93.2
2020	98	98.5	99.2	18	0.8	8.3	7	94.7
2021	134	98.6	99.1	25	1.1	-3.0	11	95.8
2022	47	99.2	99.2	5	0.5	-10.8	0	0.0

Tabel: 71 Holstein - Fries Hollands zwartbont:

Stofwisselingsaandoeningen

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	3326	99.5	1	99.0	0	0.0	3326	93.5
1981	6441	99.5	1	100.0	1	93.0	6441	93.5
1982	10629	99.5	4	99.2	4	95.5	10629	93.3
1983	12944	99.3	2	97.5	0	0.0	12944	92.6
1984	12499	99.5	11	99.1	3	96.7	12499	93.4
1985	10242	99.5	19	97.5	10	93.6	10241	93.6
1986	9233	99.4	27	97.5	24	93.5	9233	93.0
1987	7226	99.6	9	100.6	7	95.7	7226	94.1

1988	5186	99.4	200	100.0	2	99.0	5186	92.8
1989	3557	99.1	154	99.7	20	93.6	3557	91.5
1990	2430	99.1	139	99.3	33	93.5	2429	91.9
1991	1510	99.2	157	100.9	112	94.9	1510	92.6
1992	947	99.2	93	101.7	84	94.9	947	92.4
1993	611	99.1	54	101.3	48	94.5	611	92.4
1994	392	99.1	31	101.2	23	94.7	392	92.4
1995	231	98.6	24	100.1	16	94.8	231	92.1
1996	172	98.6	11	99.5	11	94.1	172	92.3
1997	114	98.5	11	100.3	11	95.5	114	92.5
1998	105	98.5	15	99.5	13	96.1	105	92.4
1999	94	98.7	6	99.7	6	94.5	94	92.7
2000	82	98.9	4	100.8	4	96.8	82	92.5
2001	65	98.8	3	98.3	2	97.0	65	93.0
2002	83	98.7	1	96.0	1	93.0	83	92.3
2003	88	98.6	3	100.3	3	98.3	88	92.4
2004	88	98.7	9	98.2	8	97.6	88	92.4
2005	76	99.0	2	99.0	2	95.0	76	92.4
2006	110	99.0	2	100.5	2	96.0	110	92.9
2007	115	99.1	1	92.0	1	94.0	115	92.3
2008	118	99.0	2	100.0	1	90.0	118	92.3
2009	105	99.0	0	0.0	0	0.0	105	92.7
2010	96	99.3	1	99.0	1	97.0	96	93.0
2011	126	99.4	3	100.3	2	97.0	126	93.4
2012	134	99.4	1	104.0	1	96.0	134	93.3
2013	151	99.5	2	98.0	1	96.0	151	93.1
2014	161	99.6	2	100.5	0	0.0	161	94.0
2015	126	99.4	3	100.7	1	95.0	126	94.2
2016	94	99.6	0	0.0	0	0.0	94	95.2
2017	87	99.5	1	98.0	1	91.0	87	94.8
2018	96	99.7	0	0.0	0	0.0	96	95.1
2019	82	99.8	1	100.0	0	0.0	82	95.3
2020	66	99.8	0	0.0	0	0.0	66	94.8
2021	116	99.9	0	0.0	0	0.0	116	95.6
2022	43	99.9	0	0.0	0	0.0	43	95.9

Tabel: 72 Holstein - Fries Hollands zwartbont: Reproductiestoornissen  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	108	100.3	99.5	99.9	100.2	99.9	99.4
1981	162	100.6	99.9	100.4	100.5	99.9	99.4
1982	251	100.1	99.4	99.9	100.1	99.4	98.9
1983	1094	99.5	99.3	98.4	99.6	98.6	98.7
1984	962	98.9	98.9	97.9	99.2	98.2	98.4
1985	632	99.7	99.8	98.4	99.8	98.7	98.9
1986	660	99.6	99.9	98.2	99.8	98.7	98.9

1987	956	100.5	99.9	99.7	100.5	99.8	99.4
1988	1232	99.7	98.9	99.4	99.9	99.5	99.0
1989	935	99.9	98.9	99.8	100.3	99.3	98.7
1990	629	99.9	98.8	99.8	100.3	99.3	98.5
1991	337	99.5	98.8	98.8	100.0	98.9	98.5
1992	204	98.6	97.7	97.5	99.2	98.9	98.9
1993	119	98.7	97.8	97.6	99.2	99.0	98.9
1994	73	98.4	97.2	97.4	99.1	99.0	98.3
1995	40	98.3	97.0	97.5	99.1	98.7	98.2
1996	27	98.3	97.4	97.5	99.2	98.6	97.4
1997	19	97.8	97.4	97.1	98.5	97.8	97.5
1998	22	96.9	96.0	96.6	97.7	96.7	96.8
1999	10	98.1	97.8	97.2	98.8	98.0	97.2
2004	13	98.8	99.6	97.7	98.2	99.6	99.3
2013	11	99.0	97.4	99.0	99.5	98.6	98.4
2014	18	99.7	98.3	99.3	100.3	99.1	98.9
2015	14	99.6	98.4	99.6	99.7	99.6	99.4
2017	14	97.6	96.6	97.2	97.9	98.9	97.7
2018	10	96.9	96.2	96.2	97.3	98.2	97.1
2019	14	98.4	97.0	98.4	98.7	99.0	98.4

Tabel: 73 Fries Hollands - zwartbont: Melkproductiekenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	23321	-1374.8	-50.2	-58.6	-64.1	22.0	-15.5	-1.6	-402.6
1981	20770	-1395.4	-50.5	-58.5	-65.0	23.4	-13.7	-1.6	-402.8
1982	15012	-1380.2	-49.6	-57.5	-64.3	23.8	-12.9	-1.6	-396.1
1983	12830	-1301.8	-46.5	-55.4	-60.7	22.6	-14.0	-1.6	-377.8
1984	9403	-1238.6	-43.7	-53.5	-57.8	22.5	-14.6	-1.6	-361.1
1985	7379	-1225.0	-42.6	-52.6	-57.2	23.4	-13.9	-1.6	-354.1
1986	5023	-1211.5	-41.4	-52.0	-56.6	24.5	-13.6	-1.6	-347.8
1987	3570	-1202.6	-41.0	-51.5	-56.2	24.4	-13.3	-1.6	-344.8
1988	3329	-1232.3	-42.3	-52.2	-57.6	24.6	-12.6	-1.6	-351.7
1989	2989	-1180.7	-40.1	-49.9	-55.2	24.1	-11.6	-1.6	-335.0
1990	2547	-1146.1	-38.8	-48.5	-53.6	23.7	-11.4	-1.6	-325.1
1991	2143	-1124.4	-37.6	-46.7	-52.6	24.1	-9.4	-1.6	-313.7
1992	1848	-1111.4	-37.5	-46.5	-52.0	23.3	-9.8	-1.6	-312.3
1993	1682	-1067.9	-36.1	-44.6	-50.0	22.0	-9.3	-1.6	-300.2
1994	1665	-1014.2	-34.0	-43.0	-47.6	21.2	-9.8	-1.7	-286.9
1995	1552	-958.3	-32.5	-41.0	-45.0	19.1	-9.8	-1.7	-273.9
1996	1466	-896.9	-29.9	-38.7	-42.2	18.8	-9.7	-1.7	-256.2
1997	1198	-868.5	-28.8	-37.1	-41.0	18.2	-8.7	-1.7	-246.1
1998	1086	-815.3	-26.4	-34.5	-38.5	18.2	-7.4	-1.7	-227.3
1999	925	-772.9	-24.7	-33.2	-36.6	17.7	-7.8	-1.7	-216.9
2000	830	-723.9	-23.2	-30.9	-34.0	16.3	-6.9	-1.1	-202.6
2001	782	-667.1	-21.4	-29.3	-27.5	14.7	-7.8	5.7	-190.4

2002	612	-638.1	-19.8	-28.2	-25.2	15.2	-7.6	7.3	-180.7
2003	589	-587.8	-18.5	-27.1	-23.2	13.5	-8.8	6.7	-171.8
2004	555	-592.3	-19.2	-27.9	-22.8	12.5	-10.0	7.9	-177.8
2005	453	-544.4	-18.9	-26.2	-21.6	9.5	-10.1	6.1	-169.3
2006	461	-476.6	-15.0	-23.3	-19.2	10.9	-9.1	4.8	-145.4
2007	410	-509.3	-17.0	-23.2	-21.0	10.1	-7.1	4.3	-150.8
2008	429	-507.2	-15.0	-23.3	-22.2	13.4	-7.1	2.1	-145.0
2009	332	-451.1	-15.3	-22.8	-19.2	8.4	-9.8	2.9	-144.2
2010	321	-352.4	-10.9	-19.6	-15.6	8.3	-10.4	1.2	-117.1
2011	302	-337.2	-9.6	-18.2	-14.9	9.5	-8.8	1.2	-107.0
2012	282	-301.3	-8.0	-15.8	-13.8	9.4	-7.2	0.4	-91.7
2013	265	-238.0	-5.4	-14.1	-11.4	9.0	-8.2	-0.5	-76.9
2014	273	-204.8	-4.1	-13.2	-10.3	8.6	-8.7	-1.2	-69.0
2015	242	-249.4	-6.3	-14.4	-12.1	8.4	-8.1	-0.9	-80.9
2016	243	-242.5	-5.9	-14.6	-11.7	8.5	-8.7	-0.7	-80.4
2017	173	-215.3	-3.7	-13.4	-10.6	10.3	-8.1	-1.1	-69.0
2018	175	-167.6	-1.8	-10.5	-7.7	9.7	-6.4	0.3	-50.4
2019	196	-81.5	0.3	-8.1	-3.8	6.5	-7.6	-0.0	-33.8
2020	207	-106.5	-1.5	-9.3	-5.3	5.7	-8.0	-0.6	-44.3
2021	174	-98.6	-0.8	-7.9	-4.9	6.1	-6.3	-0.6	-36.6
2022	38	-71.0	0.9	-5.8	-4.4	6.9	-4.4	-1.8	-22.2

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 74 Fries Hollands - zwartbont: Exterieurkenmerken bouw  
Basis: Dubbeloel  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	81537	89.0	87.8	89.6	92.0	101.4	87.4	98.3
1981	68141	89.4	88.2	89.9	92.2	101.6	87.4	98.7
1982	42706	89.6	88.2	90.3	92.6	101.3	87.5	98.9
1983	24944	89.9	88.3	90.5	92.9	101.0	87.2	99.1
1984	10938	90.3	87.8	90.5	93.3	100.4	87.0	98.8
1985	5704	90.6	87.7	90.5	93.5	100.1	86.8	99.0
1986	2909	90.7	87.8	90.7	93.6	100.1	86.6	98.9
1987	1565	90.7	87.8	90.9	93.8	99.8	86.5	99.2
1988	1115	90.9	87.8	91.1	94.0	99.7	86.4	99.4
1989	846	91.7	87.7	91.4	94.5	99.2	86.3	99.6
1990	776	91.8	87.7	91.3	94.5	99.2	86.3	99.7
1991	561	92.3	88.0	91.7	94.6	99.3	86.4	99.8
1992	552	92.4	87.8	92.0	95.2	98.9	86.2	100.2
1993	501	92.9	88.2	92.3	95.4	99.0	86.2	100.5
1994	431	92.9	88.2	92.4	95.5	98.9	86.5	100.9
1995	408	93.5	88.2	92.6	95.6	98.8	86.3	101.5
1996	413	93.8	88.3	92.9	95.9	98.8	86.7	101.6
1997	296	93.6	88.4	92.9	95.8	98.9	86.6	101.6
1998	278	93.6	88.1	93.2	96.3	98.4	86.4	101.4
1999	262	93.7	88.1	93.1	96.1	98.2	86.1	101.9

2000	346	93.7	88.2	93.2	96.3	98.2	86.3	101.8
2001	320	93.7	88.5	93.7	96.4	98.2	86.1	101.6
2002	253	93.6	88.2	93.4	96.4	98.1	86.1	101.4
2003	249	93.5	88.7	94.1	96.5	98.2	86.1	101.7
2004	247	93.3	88.4	94.0	96.3	98.2	86.3	101.4
2005	184	93.4	88.2	94.0	96.4	97.9	86.2	101.5
2006	155	93.8	88.2	93.8	96.7	97.8	86.5	101.6
2007	95	93.1	88.1	94.0	96.3	97.7	86.4	101.2
2008	82	93.4	87.9	94.0	96.9	97.3	86.6	101.5
2009	64	93.3	88.1	94.3	96.9	97.4	86.8	101.1
2010	35	93.1	87.4	94.2	97.1	96.6	86.1	101.7
2011	32	91.5	86.8	92.9	96.2	96.6	86.3	99.3
2012	23	91.2	86.8	92.3	95.7	96.9	86.0	99.8
2013	21	92.1	87.1	93.1	96.4	97.0	86.1	99.2

Tabel: 75 Fries Hollands - zwartbont: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	81537	89.8	97.1	99.0	91.3	88.3
1981	68141	89.4	97.3	98.8	91.3	88.1
1982	42706	89.2	97.6	98.4	91.1	87.8
1983	24944	89.4	98.2	98.2	91.9	87.9
1984	10938	89.6	98.5	98.1	92.5	88.0
1985	5704	89.8	98.5	97.8	92.6	88.0
1986	2909	90.0	98.4	98.1	92.9	88.2
1987	1565	90.0	98.6	97.8	92.6	88.3
1988	1115	90.2	98.6	97.7	92.5	88.5
1989	846	91.0	98.5	97.6	93.3	89.1
1990	776	91.3	98.4	97.5	93.6	89.5
1991	561	91.6	98.6	97.2	93.8	89.8
1992	552	91.8	99.3	97.0	94.0	90.1
1993	501	91.9	99.4	97.1	94.0	90.3
1994	431	92.1	99.5	96.8	94.3	90.6
1995	408	92.5	99.7	96.5	94.4	90.9
1996	413	92.6	99.4	96.7	94.5	91.1
1997	296	92.9	99.5	96.8	94.5	91.5
1998	278	93.0	99.6	96.5	94.6	91.8
1999	262	93.8	99.3	96.8	94.9	92.4
2000	346	93.6	99.4	96.7	94.8	92.3
2001	320	93.3	99.5	96.6	94.5	92.1
2002	253	93.4	99.3	96.8	94.5	92.2
2003	249	93.4	99.5	96.6	94.3	92.3
2004	247	93.7	99.3	97.1	94.5	92.7
2005	184	93.8	99.4	97.3	94.5	92.7
2006	155	93.2	99.3	97.0	94.4	92.4
2007	95	93.4	99.1	97.8	93.4	92.4

2008	82	93.6	99.3	97.7	94.1	92.7
2009	64	93.7	99.2	97.7	94.2	93.1
2010	35	93.5	99.5	97.4	93.6	93.1
2011	32	94.3	99.1	98.8	93.2	94.2
2012	23	94.1	99.7	98.3	93.1	93.6
2013	21	94.5	99.1	98.6	93.6	94.2

Tabel: 76 Fries Hollands - zwartbont: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: NL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	81537	97.0	93.1	100.2	99.4	94.5	94.1	92.6
96.8								
1981	68141	97.0	93.2	100.2	99.5	94.4	94.2	92.7
96.7								
1982	42706	97.1	93.4	100.1	99.5	94.3	94.2	92.9
96.5								
1983	24944	97.0	93.7	99.8	99.5	94.4	94.1	92.9
96.4								
1984	10938	97.3	94.0	99.3	99.7	94.6	94.0	93.1
96.3								
1985	5704	97.1	94.2	99.4	99.8	94.6	94.0	93.2
96.5								
1986	2909	97.3	94.3	99.3	99.9	94.8	94.2	93.4
96.5								
1987	1565	97.4	95.0	99.6	99.8	95.1	94.4	94.0
96.9								
1988	1115	97.3	95.2	99.9	99.6	95.2	94.6	94.2
97.1								
1989	846	97.6	95.9	99.8	100.1	95.4	95.2	95.0
97.1								
1990	776	97.8	96.0	99.9	100.4	95.6	95.6	95.3
97.2								
1991	561	98.1	96.5	99.5	100.7	95.7	95.8	95.6
97.1								
1992	552	98.0	96.7	99.2	100.5	95.6	95.6	95.5
96.9								
1993	501	98.2	97.0	99.1	100.5	95.8	95.8	95.7
96.9								
1994	431	98.5	97.6	99.3	100.6	96.0	96.2	96.1
97.1								
1995	408	98.5	97.9	99.3	100.8	96.0	96.4	96.5
97.1								
1996	413	98.4	97.8	99.2	100.7	95.9	96.5	96.6
96.9								

1997	296	98.5	97.9	99.4	100.8	96.4	97.0	96.9
97.4								
1998	278	98.7	99.0	99.1	100.8	96.9	97.8	97.8
97.6								
1999	262	98.8	99.5	98.9	101.1	96.9	98.1	98.4
97.6								
2000	346	99.0	99.7	98.8	101.2	97.3	98.4	98.7
97.8								
2001	320	98.5	99.2	99.2	100.5	96.8	97.7	97.9
97.6								
2002	253	98.7	99.4	99.2	100.8	97.2	98.2	98.3
97.8								
2003	249	98.8	99.4	99.1	100.8	97.2	98.0	98.4
97.8								
2004	247	99.2	99.3	99.2	101.2	97.6	98.5	98.5
98.4								
2005	184	99.0	99.3	98.8	101.1	97.5	98.5	98.6
98.3								
2006	155	98.9	99.7	99.1	100.8	97.4	98.4	98.5
98.0								
2007	95	98.6	98.5	100.1	100.4	97.6	98.0	98.0
98.7								
2008	82	98.9	99.7	98.8	100.5	98.1	98.8	98.9
98.7								
2009	64	99.2	99.8	99.5	100.7	97.9	98.6	98.8
98.6								
2010	35	99.9	100.3	98.6	101.3	98.8	99.9	99.9
98.8								
2011	32	98.8	98.7	98.2	100.6	98.4	99.8	98.8
99.2								
2012	23	97.9	97.8	99.4	99.7	97.7	99.1	98.0
98.7								
2013	21	98.2	98.8	98.1	100.2	98.2	99.7	98.9
99.1								

Tabel: 77 Fries Hollands - zwartbont: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	81537	81.8	83.9	92.0	86.4	99.3	79.6
1981	68141	82.4	84.1	92.2	86.1	99.5	79.6
1982	42706	82.7	84.1	92.2	85.8	99.3	79.5
1983	24944	82.9	84.3	92.2	86.0	98.6	79.8
1984	10938	82.7	84.1	92.5	86.2	98.0	80.0
1985	5704	82.7	84.1	92.6	86.2	97.7	80.0
1986	2909	82.7	84.2	92.8	86.5	97.6	80.3
1987	1565	82.9	84.3	93.3	86.5	97.5	80.6

1988	1115	83.1	84.5	93.3	86.7	97.4	80.8
1989	846	83.5	84.9	94.2	87.5	97.0	81.9
1990	776	83.5	85.0	94.6	87.9	96.9	82.4
1991	561	84.1	85.4	95.1	88.3	97.1	83.0
1992	552	84.2	85.7	94.9	88.6	96.7	83.3
1993	501	84.7	86.1	95.2	88.8	96.9	83.7
1994	431	85.1	86.4	95.8	89.1	97.0	84.3
1995	408	85.5	86.8	96.0	89.5	97.1	84.8
1996	413	86.0	87.1	96.0	89.7	97.3	85.1
1997	296	85.9	87.2	96.5	90.1	97.3	85.6
1998	278	85.7	87.3	97.4	90.3	96.8	86.1
1999	262	85.8	87.6	97.8	91.1	96.7	86.9
2000	346	85.9	87.6	98.2	90.9	96.9	87.0
2001	320	86.1	87.7	97.2	90.7	97.0	86.5
2002	253	85.7	87.5	97.7	90.8	96.8	86.6
2003	249	86.3	88.0	97.7	90.9	97.2	86.9
2004	247	86.1	88.1	98.3	91.4	97.4	87.4
2005	184	86.0	88.0	98.1	91.5	97.3	87.5
2006	155	86.3	87.7	98.0	90.9	96.9	87.0
2007	95	85.8	87.7	97.3	91.1	97.1	86.7
2008	82	86.0	87.9	98.4	91.4	96.8	87.5
2009	64	86.1	88.0	98.4	91.7	97.0	87.7
2010	35	85.9	87.8	99.8	91.6	96.3	88.2
2011	32	83.4	86.9	98.6	92.9	95.8	87.8
2012	23	83.3	86.3	97.3	92.3	95.4	86.8
2013	21	83.8	87.1	98.2	93.0	95.8	87.8

Tabel: 78 Fries Hollands - zwartbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1980	169164	103.7	99.9	99.9	100.7	100.3	99.7	88.7	99.9
100.0									
1981	152046	103.6	99.9	99.9	100.7	100.2	99.3	89.0	99.9
99.8									
1982	101547	103.6	99.6	99.8	100.5	100.2	99.3	89.1	99.7
99.7									
1983	63741	103.4	99.1	99.5	99.9	99.9	99.2	89.5	99.2
99.4									
1984	32129	103.2	98.6	99.2	99.4	99.7	99.2	90.0	98.8
99.1									
1985	18145	103.1	98.3	99.0	99.1	99.5	99.1	90.1	98.5
98.9									



1986	9830	103.0	98.3	98.9	99.1	99.4	98.9	90.5	98.5
98.8									
1987	6263	102.8	98.2	98.8	98.9	99.2	98.8	90.5	98.3
98.6									
1988	4764	102.6	98.1	98.7	98.8	99.1	98.8	90.6	98.2
98.5									
1989	3981	102.7	97.9	98.6	98.6	99.1	99.0	91.1	98.0
98.5									
1990	3322	102.6	97.8	98.6	98.5	99.1	99.1	91.2	98.0
98.5									
1991	2857	102.5	98.0	98.7	98.6	99.2	99.2	91.8	98.1
98.6									
1992	2469	102.2	98.4	98.8	98.9	99.1	99.2	92.0	98.4
98.7									
1993	2277	102.0	98.3	98.6	98.8	99.0	99.2	92.1	98.3
98.6									
1994	2186	101.8	98.3	98.4	98.7	98.8	99.2	91.9	98.1
98.4									
1995	2087	101.7	98.3	98.4	98.6	98.8	99.2	92.2	98.1
98.4									
1996	1869	101.6	98.3	98.5	98.6	98.8	99.1	92.4	98.2
98.4									
1997	1568	101.5	98.4	98.5	98.7	98.8	99.0	92.6	98.2
98.4									
1998	1451	101.1	98.2	98.1	98.3	98.4	98.7	92.6	97.8
98.1									
1999	1276	101.1	98.2	98.2	98.4	98.5	98.8	92.7	98.0
98.2									
2000	1191	101.4	98.0	98.3	98.4	98.7	99.1	92.8	97.9
98.3									
2001	1184	101.4	98.0	98.2	98.3	98.6	98.9	92.9	97.8
98.2									
2002	994	101.2	97.9	98.0	98.1	98.5	98.9	92.9	97.7
98.0									
2003	943	101.6	97.6	98.1	98.1	98.7	99.2	92.9	97.6
98.1									
2004	950	101.9	97.7	98.3	98.2	98.9	99.3	92.4	97.7
98.3									
2005	804	101.7	97.5	98.1	98.0	98.7	99.1	92.6	97.5
98.1									
2006	791	101.4	97.8	98.3	98.2	98.8	99.2	93.1	97.8
98.3									
2007	717	101.1	97.9	98.1	98.2	98.5	98.6	93.1	97.8
98.0									
2008	702	101.4	98.1	98.5	98.5	98.9	99.0	93.3	98.1
98.4									
2009	589	101.6	98.1	98.7	98.6	99.1	99.3	93.3	98.2
98.6									
2010	553	101.5	98.2	98.7	98.6	99.0	99.0	93.2	98.2
98.6									

2011	548	101.4	98.1	98.7	98.6	99.0	98.9	93.2	98.2
98.5									
2012	539	101.3	98.4	98.8	98.8	99.1	98.9	93.7	98.4
98.7									
2013	329	100.9	98.6	98.7	98.9	99.0	98.8	94.2	98.5
98.6									
2014	320	101.1	98.5	98.8	98.9	99.2	99.1	94.1	98.5
98.7									
2015	282	100.6	98.7	98.8	98.9	99.0	99.1	94.9	98.6
98.7									
2016	275	101.0	99.0	99.2	99.3	99.3	99.4	94.8	99.0
99.1									
2017	212	100.9	98.9	99.0	99.1	99.2	99.4	94.6	98.8
99.0									
2018	222	100.8	98.9	99.0	99.2	99.3	99.4	95.0	98.8
99.1									
2019	237	101.0	99.0	99.3	99.4	99.5	99.4	94.9	99.0
99.2									
2020	236	100.4	99.1	99.1	99.3	99.1	99.1	95.4	99.0
99.0									
2021	205	100.6	99.3	99.3	99.5	99.4	99.6	95.6	99.2
99.3									
2022	82	100.8	99.5	99.4	99.6	99.6	99.8	95.6	99.3
99.5									

Tabel: 79 Fries Hollands - zwartbont: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	17915	96.7	92.0	97.8	103.6	104.7
1981	14359	96.8	92.8	97.7	103.5	104.7
1982	8555	96.8	92.9	97.4	103.1	104.4
1983	5501	96.9	92.8	97.5	103.1	104.5
1984	2937	96.9	92.7	97.6	103.2	104.3
1985	1796	96.8	92.8	97.5	103.1	104.2
1986	1062	97.0	93.0	97.5	103.0	104.2
1987	624	96.7	92.6	97.4	102.8	104.1
1988	445	96.6	93.0	97.2	102.5	104.0
1989	419	97.3	94.1	97.0	102.0	103.8
1990	369	97.6	94.8	96.7	101.7	103.6
1991	357	97.7	95.2	96.5	101.3	103.4
1992	395	97.4	94.4	96.3	101.0	103.2
1993	359	97.6	94.1	96.4	101.1	102.9
1994	306	97.6	94.5	96.3	101.0	102.9
1995	270	97.9	95.0	96.3	100.9	103.0
1996	256	97.9	95.5	96.3	100.7	102.7

1997	162	98.1	95.2	96.6	100.8	102.7
1998	150	98.7	96.4	96.0	99.9	102.0
1999	145	99.1	96.4	95.7	99.6	101.6
2000	129	98.9	96.2	95.6	99.2	101.6
2001	78	97.8	97.0	95.6	99.2	101.4
2002	56	98.6	96.9	95.2	98.7	100.9
2003	42	98.3	96.4	95.7	99.1	101.4
2004	34	98.4	95.9	95.6	99.0	101.7
2005	26	99.4	95.6	95.5	98.7	101.1
2006	42	97.4	96.2	95.6	98.7	100.9
2007	26	98.3	96.1	95.6	99.0	100.9
2008	24	99.5	97.0	95.7	98.8	100.4
2009	24	98.6	95.8	95.7	98.7	100.5
2010	30	99.6	96.6	95.7	99.0	100.2
2011	37	99.8	95.6	96.2	99.3	100.5
2012	24	99.0	96.3	96.3	99.0	100.2
2013	23	99.5	96.1	96.3	99.1	100.1
2019	10	97.8	98.2	98.4	100.4	101.1

Tabel: 80 Fries Hollands - zwartbont: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	23321	-215.4	-402.6	-132.1	104.7	100.0	92.0	86.4	97.7
0.0									
1981	20770	-221.0	-402.8	-160.9	104.6	99.8	92.2	86.1	97.7
0.0									
1982	15012	-226.8	-396.1	-188.3	104.3	99.7	92.2	85.8	97.4
0.0									
1983	12830	-228.9	-377.8	-226.7	104.4	99.4	92.2	86.0	97.3
0.0									
1984	9403	-240.3	-361.1	-341.2	104.3	99.1	92.5	86.2	97.1
0.0									
1985	7379	-246.6	-354.1	-451.8	104.2	98.9	92.6	86.2	97.0
243.0									
1986	5023	-246.1	-347.8	-528.2	104.2	98.8	92.8	86.5	97.1
228.0									
1987	3570	-248.0	-344.8	-586.9	104.0	98.6	93.3	86.5	97.2
207.9									
1988	3329	-252.8	-351.7	-631.1	103.8	98.5	93.3	86.7	97.4
187.9									
1989	2989	-242.0	-335.0	-630.1	103.4	98.5	94.2	87.5	97.6
170.5									

1990	2547	-234.3	-325.1	-606.0	103.1	98.5	94.6	87.9	97.8
168.2									
1991	2143	-225.6	-313.7	-592.0	102.8	98.6	95.1	88.3	97.8
153.5									
1992	1848	-224.2	-312.3	-582.3	102.5	98.7	94.9	88.6	97.8
160.4									
1993	1682	-217.7	-300.2	-562.5	102.4	98.6	95.2	88.8	97.9
152.4									
1994	1665	-208.4	-286.9	-543.0	102.3	98.4	95.8	89.1	98.3
136.2									
1995	1552	-196.5	-273.9	-505.6	102.3	98.4	96.0	89.5	98.3
130.9									
1996	1466	-187.4	-256.2	-476.3	102.1	98.4	96.0	89.7	98.2
128.6									
1997	1198	-181.1	-246.1	-466.1	102.1	98.4	96.5	90.1	98.2
124.9									
1998	1086	-175.5	-227.3	-452.1	101.2	98.1	97.4	90.3	98.1
127.8									
1999	925	-169.6	-216.9	-429.0	100.9	98.2	97.8	91.1	98.1
130.3									
2000	830	-167.1	-202.6	-411.1	100.6	98.3	98.2	90.9	98.1
146.7									
2001	782	-165.3	-190.4	-386.2	100.5	98.2	97.2	90.7	98.0
148.4									
2002	612	-161.7	-180.7	-373.3	100.0	98.0	97.7	90.8	98.3
142.8									
2003	589	-155.4	-171.8	-358.7	100.4	98.1	97.7	90.9	98.5
145.0									
2004	555	-149.0	-177.8	-336.7	100.7	98.3	98.3	91.4	98.5
160.0									
2005	453	-146.9	-169.3	-330.9	100.1	98.1	98.1	91.5	98.2
161.6									
2006	461	-141.4	-145.4	-307.5	99.9	98.3	98.0	90.9	98.2
142.5									
2007	410	-136.8	-150.8	-288.0	100.1	98.0	97.3	91.1	98.4
156.8									
2008	429	-134.8	-145.0	-287.9	99.7	98.4	98.4	91.4	98.9
139.0									
2009	332	-134.7	-144.2	-281.1	99.7	98.6	98.4	91.7	98.8
137.7									
2010	321	-125.3	-117.1	-238.4	99.7	98.6	99.8	91.6	99.1
124.1									
2011	302	-116.5	-107.0	-193.4	100.0	98.5	98.6	92.9	99.3
116.9									
2012	282	-114.3	-91.7	-201.0	99.6	98.7	97.3	92.3	99.6
105.1									
2013	265	-109.5	-76.9	-170.9	99.6	98.6	98.2	93.0	99.7
132.3									
2014	273	-103.4	-69.0	-163.6	99.2	98.7	95.2	89.2	99.6
43.9									

2015	242	-103.1	-80.9	-160.4	100.0	98.7	98.5	90.0	99.6
26.5									
2016	243	-91.9	-80.4	-148.2	100.2	99.1	95.2	91.7	100.0
26.0									
2017	173	-89.1	-69.0	-130.5	99.7	99.0	96.0	91.2	100.2
30.6									
2018	175	-69.0	-50.4	-101.7	100.6	99.1	96.7	92.0	100.5
17.4									
2019	196	-64.9	-33.8	-92.0	100.9	99.2	96.8	91.6	100.4
16.1									
2020	207	-64.9	-44.3	-118.3	100.1	99.0	98.3	91.0	100.5
12.3									
2021	174	-49.6	-36.6	-81.9	100.8	99.3	101.3	93.3	100.6
15.0									
2022	38	-40.9	-22.2	-31.1	100.9	99.5	0.0	0.0	100.8
9.1									

Tabel: 81 Fries Hollands - zwartbont: Levensvatbaarheidskennmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	18764	98.1	98.6	98.1	98.6	98.8	98.6
1981	15457	98.0	98.6	98.0	98.6	98.7	98.5
1982	9597	97.8	98.4	97.8	98.4	98.4	98.3
1983	7243	97.7	98.3	97.7	98.3	98.2	98.1
1984	4562	98.0	97.9	98.0	97.9	98.4	97.8
1985	3123	97.9	97.9	97.9	97.9	98.3	97.7
1986	1926	98.1	98.1	98.1	98.1	98.5	97.9
1987	1348	98.1	98.0	98.1	98.0	98.6	97.9
1988	1164	98.4	98.2	98.4	98.2	98.9	98.1
1989	1266	98.4	98.6	98.4	98.6	99.0	98.2
1990	1386	98.5	98.7	98.5	98.7	99.1	98.2
1991	1512	98.6	98.7	98.6	98.7	99.2	98.1
1992	1479	98.6	98.6	98.6	98.6	99.0	98.1
1993	1756	98.8	98.6	98.8	98.6	99.3	98.4
1994	2182	99.2	98.9	99.2	98.9	99.6	98.7
1995	2129	99.1	99.0	99.1	99.0	99.5	98.6
1996	1847	99.1	99.0	99.1	99.0	99.5	98.5
1997	1655	99.0	98.9	99.0	98.9	99.4	98.4
1998	1527	99.2	98.6	99.2	98.6	99.8	98.1
1999	1446	99.2	98.6	99.2	98.6	99.9	97.8
2000	1363	99.1	98.8	99.1	98.8	99.7	98.0
2001	1304	99.0	98.7	99.0	98.7	99.7	98.0
2002	1116	99.2	98.9	99.2	98.9	99.9	98.0
2003	1072	99.3	99.1	99.3	99.1	100.0	98.2
2004	1077	99.5	98.8	99.5	98.8	100.3	98.3

2005	836	99.4	98.7	99.4	98.7	100.1	98.1
2006	841	99.3	98.7	99.3	98.7	100.0	98.0
2007	740	99.4	98.9	99.4	98.9	100.1	98.2
2008	659	99.7	99.1	99.7	99.1	100.2	98.8
2009	582	99.7	99.0	99.7	99.0	100.4	98.9
2010	546	99.8	99.2	99.8	99.2	100.6	99.2
2011	519	99.9	99.3	99.9	99.3	100.8	99.1
2012	521	100.0	99.5	100.0	99.5	100.5	99.3
2013	429	100.0	99.7	100.0	99.7	100.4	99.5
2014	410	100.1	99.5	100.1	99.5	100.7	99.5
2015	400	100.2	99.4	100.2	99.4	100.8	99.2
2016	413	100.4	99.8	100.4	99.8	101.1	99.6
2017	336	100.7	99.8	100.7	99.8	101.3	99.5
2018	324	100.8	100.0	100.8	100.0	101.6	99.8
2019	338	100.7	99.8	100.7	99.8	101.5	99.7
2020	319	100.9	99.9	100.9	99.9	101.7	99.9
2021	326	100.9	100.0	100.9	100.0	101.6	99.9
2022	291	101.1	100.0	101.1	100.0	101.9	99.9
2023	270	100.6	100.1	100.6	100.1	101.5	99.8
2024	131	100.9	100.1	100.9	100.1	101.8	99.8

Tabel: 82 Fries Hollands - zwartbont: Geboortekennmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	28648	99.0	100.3	102.1	98.7	96.9	94.1
1981	23824	98.8	100.1	102.2	98.4	96.6	94.0
1982	15249	98.6	100.2	102.5	98.3	96.1	94.0
1983	16191	98.6	100.3	102.3	97.7	97.0	94.8
1984	9120	98.5	100.4	102.2	97.2	98.0	95.6
1985	4897	98.4	100.4	102.2	96.7	98.4	96.2
1986	2518	98.7	100.5	101.9	96.5	98.5	96.5
1987	1501	98.4	99.9	102.1	96.5	98.6	96.4
1988	1080	98.0	99.8	102.5	96.4	98.6	96.5
1989	848	98.5	99.8	102.0	95.3	99.2	97.6
1990	742	99.3	99.7	101.3	95.4	99.5	97.9
1991	680	99.0	99.9	101.7	95.1	99.7	98.4
1992	536	99.0	100.0	101.8	95.6	99.3	97.9
1993	554	99.4	99.8	101.5	96.2	99.1	97.3
1994	519	100.0	99.0	101.0	96.7	98.7	96.7
1995	487	99.0	99.8	102.0	95.9	99.0	97.7
1996	487	99.4	99.2	101.7	96.0	99.1	98.0
1997	379	99.4	99.1	101.5	95.7	99.8	98.4
1998	410	99.8	98.7	101.1	95.5	99.9	98.5
1999	418	99.2	98.9	101.6	95.3	100.0	98.4
2000	448	98.5	99.5	102.3	95.2	100.1	98.9
2001	416	98.4	99.1	102.4	95.8	99.9	98.4

2002	314	99.6	98.6	101.4	96.1	99.6	98.0
2003	335	99.3	99.4	101.7	96.4	99.3	97.9
2004	375	99.3	99.1	101.8	97.2	99.1	97.4
2005	377	98.8	98.7	102.2	96.5	99.4	97.9
2006	351	99.1	98.6	101.9	96.8	99.4	97.8
2007	426	99.1	98.6	102.0	97.7	99.7	97.4
2008	406	99.6	98.8	101.8	98.1	99.9	97.5
2009	384	99.2	98.7	102.0	98.1	99.7	97.3
2010	350	99.5	98.9	101.8	98.2	99.9	97.5
2011	354	99.8	98.6	101.7	99.0	99.9	97.2
2012	309	99.8	98.2	101.7	99.3	100.0	97.2
2013	325	99.8	98.3	101.8	99.5	99.6	97.2
2014	338	99.7	98.0	102.0	99.7	99.7	97.3
2015	292	99.9	97.9	101.8	99.7	99.7	96.9
2016	326	99.9	98.1	101.8	100.4	99.7	96.7
2017	214	100.5	98.3	101.4	100.2	99.2	96.7
2018	254	100.7	97.6	101.3	100.6	98.4	96.3
2019	207	100.5	97.6	101.3	100.4	98.5	96.7
2020	247	100.4	97.7	101.4	100.7	99.0	96.6
2021	207	100.7	97.6	101.3	100.6	99.0	96.8
2022	180	101.2	97.8	100.9	100.7	98.9	96.4
2023	132	101.0	98.5	100.9	100.0	98.9	96.9
2024	61	99.9	98.6	101.8	100.0	99.2	97.3

Tabel: 83 Fries Hollands - zwartbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	26080	100.8	101.0	95.9	95.9	107.3	94.4	101.7	93.8	106.1
93.7	97.9									
1981	21835	100.9	101.1	96.1	96.1	107.3	94.6	101.7	93.9	106.1
93.9	98.1									
1982	14010	101.0	101.0	96.3	96.0	107.3	94.7	101.8	94.0	106.2
93.9	98.3									
1983	9824	100.5	99.9	96.5	95.6	106.3	94.8	101.4	94.4	105.4
93.8	97.7									
1984	5753	100.0	98.9	96.5	95.0	105.5	94.9	100.8	94.7	104.7
93.6	97.3									
1985	3878	99.8	98.4	96.5	94.9	105.0	95.0	100.6	95.0	104.3
93.6	97.0									
1986	2494	99.7	98.1	96.7	94.9	104.7	95.1	100.6	95.0	104.0
93.8	96.8									
1987	1842	99.4	97.9	96.8	94.7	104.5	95.2	100.3	95.1	103.8
93.7	96.6									

1988	1577	99.3	97.6	96.8	94.7	104.1	95.2	100.2	95.2	103.6
93.6	96.6									
1989	1628	99.5	97.0	96.7	94.8	103.7	95.3	100.3	95.7	103.1
93.8	96.4									
1990	1657	99.3	97.0	97.1	94.7	103.6	95.6	100.0	95.8	103.1
94.1	96.2									
1991	1709	99.1	96.6	97.1	94.7	103.2	95.8	100.0	95.8	102.6
94.3	96.1									
1992	1778	98.9	96.7	97.0	94.9	103.0	96.0	99.9	95.5	102.5
94.5	96.1									
1993	1740	98.7	96.2	97.5	94.7	102.8	96.2	99.8	95.5	102.2
94.7	95.8									
1994	1773	98.7	96.7	97.8	94.7	103.1	96.5	99.5	95.4	102.6
94.9	95.9									
1995	1787	98.7	96.7	97.9	94.9	102.9	96.7	99.6	95.5	102.4
95.2	95.9									
1996	1786	98.5	96.4	97.8	94.7	102.6	96.7	99.5	95.4	102.2
95.2	95.7									
1997	1781	98.5	96.6	97.9	94.8	102.6	96.8	99.4	95.5	102.3
95.3	95.7									
1998	1467	98.3	96.3	98.9	94.2	102.4	97.1	99.2	95.4	102.2
95.7	95.5									
1999	1394	98.2	96.5	99.0	94.2	102.5	97.3	99.1	95.4	102.3
96.0	95.4									
2000	1219	98.0	96.3	99.0	94.2	102.3	97.4	98.9	95.4	102.2
95.9	95.2									
2001	1162	97.7	96.2	98.6	94.4	101.9	97.8	98.7	95.2	102.0
96.1	95.3									
2002	1111	97.4	96.0	99.0	94.1	101.7	98.0	98.4	95.1	101.8
96.3	95.1									
2003	1100	97.2	96.0	98.6	94.1	101.5	98.1	98.2	95.2	101.8
96.2	94.9									
2004	1050	97.2	96.2	98.6	94.2	101.4	98.3	98.0	95.4	101.8
96.4	94.9									
2005	824	97.1	96.1	98.6	94.3	101.3	98.3	97.9	95.5	101.7
96.4	94.8									
2006	772	96.8	95.7	98.8	94.1	100.7	98.4	97.7	95.6	101.3
96.4	94.6									
2007	614	96.9	95.5	99.1	94.1	100.7	98.4	97.9	95.4	101.1
96.5	94.8									
2008	500	96.4	95.2	98.8	94.6	99.8	99.0	97.4	95.6	100.7
96.3	95.1									
2009	407	96.5	95.2	98.8	94.3	99.9	98.7	97.4	95.7	100.7
96.3	94.6									
2010	341	96.1	94.8	99.2	94.2	99.5	99.0	97.1	95.7	100.4
96.5	94.6									
2011	213	96.2	95.1	99.0	94.1	99.8	99.1	96.9	95.8	100.9
96.5	94.6									
2012	105	95.9	95.2	98.8	93.9	100.2	99.8	96.4	95.7	101.5
96.8	94.4									



2013	75	95.9	95.4	99.2	94.3	99.9	100.2	96.3	95.9	101.5
	97.0	94.9								
2014	20	93.7	93.5	99.3	93.0	97.7	101.2	94.1	95.8	100.2
	96.7	93.7								

Tabel: 84 Fries Hollands - zwartbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	19399	96.6	96.4	99.6
1981	16320	96.6	96.3	99.6
1982	10232	96.5	96.0	99.6
1983	7676	96.8	96.3	99.9
1984	4787	97.0	96.4	100.1
1985	3268	96.9	96.3	100.2
1986	2008	97.0	96.4	100.1
1987	1363	97.2	96.5	100.3
1988	1187	97.3	96.6	100.4
1989	1290	97.2	96.4	100.6
1990	1445	97.4	96.5	100.6
1991	1521	97.3	96.5	100.5
1992	1472	97.2	96.6	100.2
1993	1877	97.2	96.6	100.2
1994	2565	97.5	96.9	100.3
1995	2545	97.5	96.9	100.4
1996	2309	97.6	97.0	100.5
1997	2074	97.8	97.1	100.5
1998	1888	98.0	97.6	100.3
1999	1798	98.1	97.6	100.2
2000	1624	97.9	97.5	100.0
2001	1641	98.2	97.7	100.1
2002	1430	98.2	97.9	100.2
2003	1335	98.0	97.8	99.8
2004	1370	98.0	97.9	99.7
2005	1099	98.2	98.0	99.8
2006	998	98.1	98.1	99.5
2007	915	98.7	98.5	100.1
2008	821	98.4	98.1	100.2
2009	755	98.5	98.3	100.2
2010	687	98.9	98.7	100.5
2011	640	99.3	99.0	100.7
2012	627	99.7	99.4	100.8
2013	455	99.7	99.5	100.7
2014	423	99.8	99.6	100.9
2015	414	100.0	99.6	101.1
2016	430	100.2	99.8	101.3

2017	346	99.9	99.5	101.4
2018	343	100.3	99.8	101.7
2019	351	100.3	99.9	101.5
2020	334	100.1	99.5	101.5
2021	315	100.1	99.5	101.7
2022	306	100.4	99.7	101.9
2023	265	100.5	99.9	101.8
2024	129	100.5	99.9	101.8

Tabel: 85 Fries Hollands - zwartbont: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	873	-3790.0	-13745.0	-557.8	-492.2
2002	681	-3688.1	-13392.0	-541.9	-479.6
2003	652	-3580.9	-12972.1	-525.2	-466.3
2004	637	-3456.7	-12499.1	-505.0	-451.6
2005	509	-3398.7	-12225.9	-498.8	-442.4
2006	496	-3168.7	-11453.6	-462.3	-414.4
2007	440	-3048.9	-11087.3	-447.0	-397.2
2008	456	-3026.8	-11041.0	-440.3	-396.7
2009	351	-2970.8	-10695.4	-433.3	-388.6
2010	316	-2614.1	-9447.4	-376.6	-345.2
2011	298	-2279.9	-8294.4	-325.1	-303.4
2012	282	-2278.1	-8378.4	-327.3	-301.5
2013	262	-2022.4	-7431.6	-286.1	-270.7
2014	272	-1951.4	-7158.2	-274.9	-262.0
2015	243	-1960.7	-7199.1	-277.6	-262.3
2016	237	-1861.2	-6836.4	-260.4	-251.2
2017	168	-1691.6	-6209.9	-233.1	-230.8
2018	176	-1456.4	-5467.4	-199.7	-199.4
2019	200	-1332.7	-4980.4	-181.5	-183.3
2020	203	-1556.0	-5710.9	-216.8	-210.6
2021	195	-1271.4	-4777.8	-174.8	-173.7
2022	56	-871.3	-3529.3	-111.9	-124.5

Tabel: 86 Fries Hollands - zwartbont: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	48	91.9	94.2	100.5	90.5
1981	27	90.6	94.0	100.7	89.4
1982	23	95.3	93.9	98.2	92.1

1983	59	95.5	95.2	97.5	92.5
1984	58	95.4	95.1	97.3	92.4
1985	43	95.8	94.6	97.3	92.5
1986	25	95.6	95.4	97.8	92.9
1987	15	95.1	95.9	98.1	93.0
1989	12	96.2	94.9	98.3	93.8
1990	12	95.0	96.3	98.3	93.0
1994	11	97.7	94.6	98.7	93.6
1995	11	95.8	98.4	98.8	94.9
1996	23	96.0	97.7	99.0	95.0
1997	22	95.7	96.8	98.8	94.3
1998	20	95.0	95.9	98.3	92.5
1999	20	95.8	96.2	98.2	92.8
2000	42	96.7	96.0	99.1	94.2
2001	40	96.2	95.5	99.0	93.3
2002	32	96.2	96.2	98.6	93.5
2003	46	96.6	95.5	98.3	93.0
2004	42	96.4	95.5	98.7	93.3
2005	47	96.7	95.7	99.0	94.1
2006	60	96.4	95.6	98.3	93.0
2007	46	95.7	93.7	99.1	91.9
2008	78	96.5	94.3	99.3	93.0
2009	57	97.1	94.9	98.6	93.3
2010	68	97.0	94.9	99.4	93.8
2011	61	97.4	94.9	99.0	94.2
2012	52	97.9	92.6	98.9	92.9
2013	73	97.5	94.4	98.8	93.5
2014	78	97.7	94.6	98.8	93.9
2015	67	97.8	96.9	99.2	95.8
2016	85	98.6	99.3	98.7	97.2
2017	53	97.9	99.6	98.9	97.0
2018	53	98.2	102.5	98.0	98.5
2019	64	98.0	103.4	98.4	99.2
2020	67	99.0	103.7	98.6	100.1
2021	54	99.6	104.1	99.2	101.6

Tabel: 87 Fries Hollands - zwartbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	23321	95.4	101.0	0	0.0	0.0	0	0.0
1981	20770	95.3	100.5	0	0.0	0.0	0	0.0
1982	15012	95.2	100.1	0	0.0	0.0	0	0.0
1983	12830	95.4	100.2	0	0.0	0.0	0	0.0
1984	9403	95.6	100.2	0	0.0	0.0	0	0.0
1985	7379	95.8	100.2	5550	-4.4	243.0	0	0.0

1986	5023	95.8	100.1	2956	-4.2	228.0	0	0.0
1987	3570	95.8	99.8	1684	-4.0	207.9	0	0.0
1988	3329	95.7	99.6	1265	-3.8	187.9	0	0.0
1989	2989	95.5	99.1	982	-3.5	170.5	0	0.0
1990	2547	95.5	99.0	916	-3.4	168.2	0	0.0
1991	2143	95.4	98.8	719	-3.3	153.5	0	0.0
1992	1848	95.5	99.0	695	-3.3	160.4	0	0.0
1993	1682	95.8	99.0	634	-3.1	152.4	0	0.0
1994	1665	96.2	99.0	620	-2.9	136.2	0	0.0
1995	1552	96.1	98.9	628	-2.8	130.9	0	0.0
1996	1466	96.3	99.0	627	-2.7	128.6	0	0.0
1997	1198	96.8	98.9	465	-2.6	124.9	0	0.0
1998	1086	96.7	98.7	448	-2.6	127.8	0	0.0
1999	925	96.9	98.8	400	-2.6	130.3	0	0.0
2000	830	96.9	98.6	447	-2.7	146.7	0	0.0
2001	782	96.9	98.6	409	-2.6	148.4	295	89.6
2002	612	96.9	98.5	333	-2.5	142.8	226	89.1
2003	589	97.1	98.8	330	-2.6	145.0	226	89.6
2004	555	97.0	99.1	303	-2.7	160.0	233	89.3
2005	453	97.1	98.7	247	-2.8	161.6	168	88.9
2006	461	97.1	98.5	203	-2.4	142.5	146	88.9
2007	410	97.0	98.9	131	-2.7	156.8	72	87.9
2008	429	96.5	98.4	122	-2.3	139.0	61	87.8
2009	332	96.6	98.4	95	-2.2	137.7	52	87.5
2010	321	96.8	98.6	59	-1.9	124.1	32	86.6
2011	302	97.0	98.7	56	-1.6	116.9	32	85.9
2012	282	97.2	98.5	50	-1.6	105.1	23	85.9
2013	265	97.7	98.9	28	-1.7	132.3	21	86.8
2014	273	97.5	98.7	26	-0.7	43.9	5	89.8
2015	242	97.7	98.1	31	-0.4	26.5	4	91.0
2016	243	97.3	98.2	61	-0.6	26.0	6	91.5
2017	173	97.8	99.1	39	-0.6	30.6	5	89.0
2018	175	98.0	98.9	60	-0.4	17.4	3	92.3
2019	196	98.8	99.2	54	-0.1	16.1	5	89.6
2020	207	98.2	98.5	79	-0.3	12.3	3	92.0
2021	174	98.5	99.2	64	-0.3	15.0	3	87.7
2022	38	98.4	99.1	14	-0.0	9.1	0	0.0

Tabel: 88 Fries Hollands - zwartbont: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	2829	99.9	0	0.0	0	0.0	2829	96.7
1981	2153	99.9	0	0.0	0	0.0	2153	96.6
1982	1450	99.9	0	0.0	0	0.0	1450	96.2
1983	1262	99.9	0	0.0	0	0.0	1262	96.2
1984	792	99.9	0	0.0	0	0.0	792	96.8

1985	467	99.9	0	0.0	0	0.0	467	96.8
1986	241	99.9	0	0.0	0	0.0	241	96.4
1987	133	99.9	0	0.0	0	0.0	133	96.4
1988	83	100.0	0	0.0	0	0.0	83	96.4
1989	108	100.0	0	0.0	0	0.0	108	96.2
1990	114	100.0	0	0.0	0	0.0	114	96.4
1991	110	100.0	0	0.0	0	0.0	110	96.3
1992	110	99.9	0	0.0	0	0.0	110	96.2
1993	132	99.9	0	0.0	0	0.0	132	96.1
1994	126	99.9	0	0.0	0	0.0	126	95.6
1995	134	99.9	0	0.0	0	0.0	134	95.8
1996	175	100.0	0	0.0	0	0.0	175	96.0
1997	123	100.0	0	0.0	0	0.0	123	96.3
1998	142	99.9	0	0.0	0	0.0	142	95.5
1999	143	99.8	0	0.0	0	0.0	143	96.1
2000	166	99.8	0	0.0	0	0.0	166	95.4
2001	168	99.8	0	0.0	0	0.0	168	96.0
2002	148	99.8	0	0.0	0	0.0	148	95.5
2003	158	99.9	0	0.0	0	0.0	158	96.0
2004	194	99.8	0	0.0	0	0.0	194	95.8
2005	157	99.9	0	0.0	0	0.0	157	96.0
2006	229	99.8	0	0.0	0	0.0	229	95.6
2007	226	99.8	0	0.0	0	0.0	226	95.9
2008	265	99.8	0	0.0	0	0.0	265	96.0
2009	223	99.8	0	0.0	0	0.0	223	95.7
2010	255	99.8	0	0.0	0	0.0	255	95.9
2011	250	99.8	0	0.0	0	0.0	250	96.1
2012	240	99.8	0	0.0	0	0.0	240	96.1
2013	228	99.8	0	0.0	0	0.0	228	96.3
2014	228	99.9	0	0.0	0	0.0	228	96.7
2015	209	99.8	0	0.0	0	0.0	209	96.0
2016	212	99.8	0	0.0	0	0.0	212	96.2
2017	144	99.8	0	0.0	0	0.0	144	95.8
2018	149	99.9	0	0.0	0	0.0	149	96.8
2019	157	99.9	0	0.0	0	0.0	157	97.2
2020	164	99.9	0	0.0	0	0.0	164	97.1
2021	146	100.0	0	0.0	0	0.0	146	97.0
2022	46	99.9	0	0.0	0	0.0	46	96.9

Tabel: 89 Fries Hollands - roodbont: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	62	-1473.7	-57.5	-63.5	-68.6	17.6	-18.1	-1.4	-445.5
1981	56	-1521.2	-52.6	-64.8	-70.7	31.4	-17.7	-1.4	-436.4
1982	41	-1487.7	-48.2	-63.3	-69.2	37.0	-17.0	-1.4	-416.9
1983	21	-1545.9	-55.6	-64.3	-72.0	27.1	-15.0	-1.7	-443.4

1984	22	-1413.6	-52.1	-58.7	-65.8	22.0	-12.8	-1.5	-408.7
1985	24	-1364.5	-53.3	-58.1	-63.6	15.2	-15.3	-1.6	-409.8
1986	20	-1377.8	-53.4	-58.8	-64.3	16.6	-14.8	-1.7	-412.8
1987	16	-1372.0	-45.6	-56.6	-64.0	30.6	-11.4	-1.8	-380.2
1988	10	-1556.2	-58.8	-61.2	-72.4	21.3	-7.6	-1.5	-439.8
1990	22	-1293.3	-45.6	-53.0	-60.4	24.1	-10.3	-1.7	-364.8
1991	16	-1210.5	-36.5	-44.3	-56.6	33.7	0.9	-1.6	-300.2
1993	12	-1322.2	-45.7	-55.6	-61.7	26.2	-13.1	-1.7	-376.1
1994	23	-1260.9	-42.6	-50.2	-58.8	25.8	-6.6	-1.6	-343.9
1995	35	-1560.4	-63.1	-60.0	-72.5	13.6	-4.3	-1.5	-447.3
1996	20	-1311.5	-49.0	-50.0	-61.1	19.5	-2.1	-1.3	-361.9
1997	24	-1493.3	-62.5	-56.0	-69.4	8.0	-1.7	-1.5	-428.5
1998	21	-1370.8	-49.2	-54.4	-63.9	23.9	-7.2	-1.6	-381.7
1999	30	-1208.5	-48.8	-51.2	-56.5	10.2	-11.9	-1.6	-366.4
2000	25	-1288.7	-52.3	-50.9	-58.9	10.4	-5.8	0.6	-376.0
2001	31	-1352.4	-54.2	-50.5	-59.8	11.8	-0.8	4.6	-379.7
2002	27	-1310.2	-51.0	-50.3	-56.1	14.5	-3.5	8.2	-369.3
2003	35	-1175.3	-47.9	-47.7	-52.6	8.7	-7.6	3.3	-348.6
2004	27	-1058.5	-37.4	-42.6	-41.9	18.5	-6.0	12.9	-295.2
2005	32	-1183.8	-40.8	-46.4	-48.3	22.9	-4.8	11.8	-322.3
2006	31	-1077.7	-41.9	-43.6	-42.2	11.9	-6.5	14.5	-313.0
2007	16	-1199.7	-42.8	-44.9	-51.5	20.8	-0.7	7.5	-321.2
2008	26	-959.5	-35.0	-39.2	-37.8	15.3	-6.1	11.9	-273.8
2009	26	-989.7	-37.7	-38.2	-43.0	12.2	-2.6	4.7	-277.6
2010	26	-1223.8	-48.7	-45.1	-53.8	11.3	1.2	4.7	-339.9
2011	16	-1091.1	-39.1	-40.7	-44.8	17.6	-0.8	10.4	-292.4
2012	17	-884.2	-34.1	-35.8	-35.9	9.4	-5.2	8.5	-256.2
2013	18	-850.0	-32.2	-35.1	-36.5	10.2	-6.6	4.7	-247.4
2014	17	-720.8	-21.9	-30.3	-29.5	18.2	-6.2	6.4	-195.9
2015	19	-917.2	-34.6	-39.6	-39.4	10.6	-10.8	5.3	-274.2
2016	15	-477.6	-10.4	-22.3	-20.3	18.9	-7.6	3.1	-127.0
2017	17	-568.5	-15.4	-26.3	-24.9	17.1	-8.9	2.2	-159.2
2018	22	-582.0	-15.9	-27.1	-23.7	17.3	-9.1	5.2	-164.5
2019	10	-521.5	-12.5	-25.1	-24.2	19.2	-9.3	-0.2	-145.4
2020	15	-576.3	-19.2	-27.1	-22.7	11.9	-9.5	6.7	-174.1
2021	14	-442.0	-17.0	-21.1	-16.3	4.5	-7.9	6.9	-141.6

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 90 Fries Hollands - roodbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1980	410	103.9	101.2	100.8	101.9	101.2	101.1	89.3	101.2
101.2									

1981	366	103.2	101.0	100.3	101.5	100.5	100.0	89.3	100.7
100.5									
1982	280	102.8	101.0	100.1	101.3	100.2	99.8	89.7	100.6
100.3									
1983	182	102.3	100.3	99.5	100.4	99.6	99.6	89.8	99.9
99.7									
1984	70	102.6	99.9	99.6	100.3	99.7	99.3	90.4	99.7
99.6									
1985	43	102.9	99.8	99.7	100.3	100.1	100.0	89.9	99.8
99.9									
1986	31	102.4	100.5	99.7	100.9	99.8	99.1	90.3	100.1
99.7									
1987	25	101.9	100.8	99.4	100.6	99.5	98.6	90.5	99.9
99.4									
1988	15	101.6	100.3	99.3	100.0	99.3	100.3	90.5	99.7
99.7									
1989	18	102.1	98.8	98.1	99.1	98.9	99.1	89.1	98.2
98.3									
1990	28	101.5	100.4	99.1	100.4	99.1	99.5	91.5	99.6
99.4									
1991	22	102.0	99.7	99.2	100.0	99.6	100.0	91.5	99.1
99.5									
1992	11	101.6	98.5	98.2	98.7	98.7	99.6	91.1	98.1
98.5									
1993	23	101.8	98.9	98.7	99.1	99.0	99.0	90.4	98.6
98.8									
1994	30	100.3	99.9	97.9	99.4	97.9	99.0	91.8	98.7
98.4									
1995	42	101.4	100.9	99.5	100.7	99.5	99.9	91.6	100.1
99.8									
1996	37	101.2	101.7	100.0	101.4	99.8	99.6	92.6	100.9
100.3									
1997	37	101.0	101.5	99.6	101.1	99.4	99.2	91.3	100.4
99.9									
1998	41	101.0	101.4	99.6	101.1	99.6	99.4	91.0	100.5
100.0									
1999	47	101.2	101.1	99.4	100.8	99.5	99.3	90.7	100.1
99.7									
2000	41	100.4	102.0	99.5	101.3	99.2	98.9	91.5	100.8
99.8									
2001	47	100.2	101.3	99.2	100.7	99.0	98.9	92.4	100.3
99.4									
2002	51	99.7	101.6	98.8	100.6	98.5	98.6	92.6	100.2
99.1									
2003	64	99.6	100.8	98.2	99.8	98.0	98.8	93.1	99.3
98.6									
2004	39	100.9	100.6	99.3	100.4	99.4	99.7	93.2	99.9
99.5									
2005	51	101.0	101.3	99.8	101.1	99.8	100.1	92.3	100.5
100.2									

2006	52	100.4	101.2	99.2	100.7	99.1	99.3	92.8	100.2
99.5									
2007	34	100.9	100.6	99.0	100.3	99.2	99.0	91.9	99.7
99.3									
2008	51	100.7	100.3	98.9	100.0	99.1	99.2	92.4	99.4
99.1									
2009	63	100.3	101.1	99.4	100.5	99.2	99.0	93.3	100.2
99.4									
2010	60	100.7	100.9	99.4	100.5	99.3	99.4	93.2	100.2
99.6									
2011	53	100.1	101.6	99.5	100.9	99.1	98.8	93.5	100.5
99.5									
2012	61	100.4	101.1	99.3	100.7	99.2	99.4	93.8	100.2
99.6									
2013	47	100.4	101.1	99.5	100.7	99.1	99.6	93.6	100.3
99.7									
2014	38	101.0	99.4	98.8	99.6	99.2	100.0	94.0	99.0
99.2									
2015	39	101.5	99.0	98.6	99.2	99.1	99.9	92.6	98.6
98.9									
2016	53	100.1	99.8	98.5	99.4	98.5	99.5	94.0	99.0
98.8									
2017	44	100.2	99.8	98.6	99.4	98.6	99.6	95.1	99.0
98.9									
2018	56	100.5	100.2	99.4	99.9	99.2	99.8	94.0	99.7
99.5									
2019	52	99.6	99.7	98.2	99.0	98.4	99.1	94.6	98.7
98.5									
2020	51	100.0	100.3	98.6	99.8	98.7	99.3	93.6	99.3
99.0									
2021	40	99.3	101.2	99.2	100.3	98.9	99.2	95.3	100.1
99.5									
2022	24	99.8	100.8	99.0	100.2	98.8	99.2	94.3	99.8
99.3									

Tabel: 91 Fries Hollands - roodbont: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	62	-174.0	-445.5	-63.7	104.6	101.2	92.7	86.6	98.3
0.0									
1981	56	-187.5	-436.4	-44.4	104.5	100.5	92.9	87.1	98.7
0.0									



1982 0.0	41	-204.7	-416.9	-99.0	103.8	100.3	93.4	87.1	98.1
1983 0.0	21	-236.1	-443.4	-67.0	104.1	99.7	92.4	86.7	99.2
1984 0.0	22	-236.2	-408.7	-305.1	104.3	99.6	91.2	86.3	97.4
1985 204.6	24	-231.2	-409.8	-448.3	103.8	99.9	93.4	87.3	97.3
1986 173.9	20	-222.6	-412.8	-504.8	103.4	99.7	93.8	86.7	97.6
1987 139.7	16	-204.3	-380.2	-575.5	103.1	99.4	94.2	85.2	97.3
1988 106.4	10	-203.3	-439.8	-541.2	103.1	99.7	98.0	90.5	96.8
1990 101.9	22	-209.1	-364.8	-615.9	101.7	99.4	93.7	89.1	99.0
1991 122.9	16	-208.5	-300.2	-509.9	101.8	99.5	92.0	87.5	98.6
1993 89.9	12	-187.1	-376.1	-553.2	101.5	98.8	96.0	89.0	98.7
1994 137.0	23	-199.6	-343.9	-470.6	102.3	98.4	94.5	88.3	98.8
1995 95.8	35	-239.6	-447.3	-562.4	102.7	99.8	94.0	89.5	98.7
1996 98.3	20	-215.1	-361.9	-426.6	103.2	100.3	89.0	87.8	98.3
1997 86.4	24	-219.8	-428.5	-562.9	102.7	99.9	92.0	86.8	97.9
1998 86.9	21	-185.3	-381.7	-483.4	102.3	100.0	91.7	87.7	98.0
1999 126.8	30	-215.3	-366.4	-513.7	102.7	99.7	93.1	87.3	98.2
2000 126.5	25	-202.0	-376.0	-494.5	102.6	99.8	93.9	88.3	98.0
2001 127.2	31	-167.9	-379.7	-301.5	103.1	99.4	92.2	90.2	98.8
2002 115.2	27	-191.0	-369.3	-395.4	102.3	99.1	91.5	87.7	98.7
2003 101.8	35	-184.6	-348.6	-461.5	102.2	98.6	90.0	88.9	98.3
2004 103.2	27	-185.9	-295.2	-385.5	101.4	99.5	93.4	88.4	98.7
2005 109.1	32	-189.8	-322.3	-438.6	101.3	100.2	90.5	86.7	98.8
2006 87.8	31	-157.1	-313.0	-428.8	101.6	99.5	95.0	90.0	98.5
2007 85.5	16	-178.1	-321.2	-439.7	101.6	99.3	92.0	87.5	98.6
2008 62.5	26	-149.5	-273.8	-339.0	101.3	99.1	94.3	88.3	98.9

2009	26	-146.1	-277.6	-235.4	101.6	99.4	91.8	88.6	99.2
93.3									
2010	26	-157.9	-339.9	-270.6	101.1	99.6	93.0	86.5	99.7
116.5									
2011	16	-150.1	-292.4	-329.2	101.7	99.5	92.0	86.0	99.3
50.0									
2012	17	-154.9	-256.2	-203.6	101.8	99.6	93.0	89.0	99.6
77.2									
2013	18	-164.4	-247.4	-245.6	101.9	99.7	89.0	85.0	99.5
80.8									
2014	17	-134.3	-195.9	-240.4	101.8	99.2	91.0	90.0	99.4
105.3									
2015	19	-181.3	-274.2	-335.0	101.7	98.9	93.9	88.8	99.1
144.7									
2016	15	-86.7	-127.0	-199.1	101.9	98.8	98.0	90.0	99.1
48.0									
2017	17	-132.8	-159.2	-232.7	101.1	98.9	92.0	89.0	99.2
72.8									
2018	22	-98.5	-164.5	-127.8	101.5	99.5	89.0	89.0	99.2
47.8									
2019	10	-107.5	-145.4	-126.5	101.7	98.5	92.3	89.7	99.5
113.0									
2020	15	-89.6	-174.1	-85.2	101.8	99.0	91.7	89.0	99.7
83.1									
2021	14	-46.1	-141.6	-21.1	102.4	99.5	95.0	93.0	99.3
47.9									

Tabel: 92 Fries Hollands - roodbont: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	35	98.3	99.3	98.3	99.3	99.2	97.7
1981	42	98.4	99.7	98.4	99.7	99.6	98.0
1982	31	98.2	98.9	98.2	98.9	99.4	97.0
1990	11	100.1	99.5	100.1	99.5	101.6	98.5
1991	12	99.2	99.2	99.2	99.2	100.8	98.6
1993	11	99.1	98.7	99.1	98.7	100.5	98.6
1994	14	100.0	98.9	100.0	98.9	101.6	99.1
1995	30	99.8	99.4	99.8	99.4	101.5	98.9
1996	23	98.3	99.6	98.3	99.6	100.3	98.8
1997	34	98.7	98.9	98.7	98.9	100.5	98.7
1998	33	98.8	98.7	98.8	98.7	100.8	98.8
1999	31	99.0	98.9	99.0	98.9	100.8	99.2
2000	39	98.6	98.7	98.6	98.7	100.8	98.9
2001	52	99.6	99.1	99.6	99.1	101.3	99.5
2002	51	99.2	99.0	99.2	99.0	101.2	99.3

2003	56	99.0	98.8	99.0	98.8	101.1	98.7
2004	41	99.2	98.9	99.2	98.9	100.9	99.1
2005	46	99.3	99.2	99.3	99.2	101.1	99.1
2006	53	99.1	98.9	99.1	98.9	101.1	99.1
2007	30	98.9	99.4	98.9	99.4	100.5	99.0
2008	40	99.1	99.4	99.1	99.4	100.9	99.7
2009	49	99.3	99.7	99.3	99.7	101.0	99.5
2010	41	99.6	100.2	99.6	100.2	101.1	99.6
2011	38	99.0	100.1	99.0	100.1	100.7	99.7
2012	54	99.5	100.0	99.5	100.0	101.2	99.7
2013	39	99.5	99.9	99.5	99.9	101.4	99.5
2014	38	99.6	99.7	99.6	99.7	102.1	99.4
2015	28	99.9	99.6	99.9	99.6	102.6	98.9
2016	45	99.9	99.1	99.9	99.1	102.4	98.9
2017	51	99.7	99.4	99.7	99.4	102.3	99.2
2018	58	98.9	99.7	98.9	99.7	101.5	99.4
2019	45	100.2	99.2	100.2	99.2	102.5	99.4
2020	49	100.3	99.3	100.3	99.3	102.1	99.7
2021	53	100.3	98.8	100.3	98.8	102.1	99.4
2022	50	99.5	99.6	99.5	99.6	101.7	99.6
2023	35	99.5	99.3	99.5	99.3	101.9	99.4
2024	21	99.9	99.7	99.9	99.7	101.9	99.5

Tabel: 93 Fries Hollands - roodbont: Geboortekennmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	47	99.7	100.3	101.8	100.8	95.9	93.0
1981	48	99.5	100.0	102.0	100.6	95.6	92.4
1982	35	99.0	100.0	102.4	100.9	95.0	92.8
1983	20	99.4	100.8	102.0	100.7	96.0	93.1
1984	12	97.8	101.2	103.2	99.8	95.6	93.4
1990	10	98.9	99.5	102.4	97.5	96.7	95.2
1991	11	98.4	100.0	102.5	98.9	96.0	95.1
1993	11	98.2	100.8	102.5	97.0	98.3	97.0
1995	14	98.8	100.4	102.0	98.0	96.2	95.6
1997	19	98.7	99.2	101.8	96.7	96.0	96.2
1998	17	101.8	101.8	98.8	96.8	98.0	97.0
1999	24	100.2	100.0	100.3	97.7	96.9	96.3
2000	22	100.7	100.0	99.9	97.1	96.3	95.1
2001	28	100.6	101.1	99.9	96.7	97.8	96.7
2002	26	101.7	100.0	98.9	96.8	96.3	95.7
2003	37	99.5	100.3	101.0	97.6	96.5	96.2
2004	32	101.9	98.7	98.8	97.6	94.8	94.6
2005	39	100.7	100.2	100.0	98.1	96.0	95.2
2006	38	100.1	99.2	100.5	97.7	95.5	96.0
2007	28	100.4	99.2	100.4	98.2	94.2	94.7

2008	42	99.7	99.2	100.7	98.2	94.9	94.6
2009	43	100.5	99.2	100.2	98.4	95.1	94.6
2010	40	100.0	99.5	100.5	98.1	96.6	95.5
2011	40	99.7	99.2	100.9	98.7	95.2	95.0
2012	43	99.2	99.6	101.4	99.2	95.2	94.2
2013	33	99.7	99.3	101.2	99.2	95.2	94.3
2014	25	99.9	99.9	100.7	98.2	96.8	95.6
2015	33	99.8	99.1	100.9	98.7	96.2	95.5
2016	39	99.5	100.0	101.1	98.9	96.1	95.0
2017	31	99.2	101.0	101.4	98.7	96.3	95.2
2018	41	99.4	101.1	101.2	99.4	96.0	94.5
2019	30	99.4	100.2	101.3	98.7	96.0	95.1
2020	31	99.9	100.6	100.6	98.6	96.6	95.5
2021	43	100.2	100.7	100.6	99.5	96.8	95.0
2022	29	99.4	101.8	101.2	99.3	97.1	94.9
2023	29	99.5	102.0	101.1	98.7	96.7	95.1
2024	19	99.7	99.7	101.1	98.7	97.0	95.3

Tabel: 94 Fries Hollands - roodbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	49	99.6	101.2	96.0	95.6	106.7	94.7	100.3	93.6	105.8
94.3	96.7									
1981	57	99.7	101.0	95.9	95.6	106.8	94.9	99.9	94.5	105.9
94.5	96.4									
1982	53	99.3	100.5	95.3	95.4	106.2	94.8	99.9	94.3	105.5
94.4	96.2									
1983	23	99.3	101.0	93.4	96.6	105.8	94.3	100.3	93.3	105.6
92.9	97.3									
1984	14	100.1	101.3	94.8	96.4	106.7	94.3	100.9	93.6	106.1
93.4	98.1									
1985	14	100.1	101.4	95.6	96.6	106.1	95.4	100.6	94.6	106.2
94.2	98.4									
1986	13	100.2	102.0	95.5	97.0	106.4	95.2	100.6	93.8	106.6
94.3	98.6									
1987	10	100.3	99.8	96.2	96.7	106.0	94.6	101.8	93.4	105.0
94.2	98.7									
1989	11	99.1	99.3	94.9	96.5	104.3	95.5	100.2	94.6	103.7
93.9	96.9									
1990	21	99.2	98.3	96.1	96.2	103.9	95.6	100.5	94.4	103.5
94.6	97.0									
1991	17	99.1	98.2	96.5	96.1	103.6	95.5	100.5	94.1	102.9
94.4	97.1									

1992	12	99.6	98.5	94.8	96.2	103.8	95.0	100.5	95.4	103.3
93.3	97.1									
1993	19	99.3	98.9	95.5	96.8	103.4	96.3	99.8	95.8	103.7
94.4	97.2									
1994	27	98.3	99.1	95.2	96.1	103.2	95.8	99.1	94.7	104.1
94.1	96.7									
1995	36	98.3	100.4	95.1	96.0	104.3	96.1	98.8	94.7	105.3
94.3	96.6									
1996	31	98.3	99.5	94.9	96.1	103.9	95.2	99.6	93.1	104.5
93.6	96.9									
1997	36	99.2	101.1	93.8	96.6	105.4	95.4	99.8	94.0	105.9
93.6	97.7									
1998	35	99.9	101.3	95.4	95.8	106.3	95.8	99.3	96.2	107.1
94.2	97.7									
1999	43	100.0	101.1	95.8	95.8	106.3	95.9	99.7	95.5	106.9
94.5	97.8									
2000	38	99.9	101.9	93.4	97.3	105.9	95.0	100.2	94.6	106.4
93.2	98.4									
2001	43	98.4	101.1	92.8	96.9	104.7	95.9	98.9	93.2	106.0
93.1	98.0									
2002	45	98.2	100.3	94.2	95.8	104.8	95.7	98.9	93.6	105.7
93.5	96.9									
2003	57	98.8	100.1	95.1	96.2	104.5	95.8	99.3	94.7	105.2
94.3	97.0									
2004	40	98.2	98.3	94.4	95.2	103.7	95.8	99.0	94.3	104.0
94.0	96.2									
2005	43	99.0	100.2	93.9	95.7	105.3	95.7	99.2	94.7	105.8
93.9	96.8									
2006	37	98.7	99.9	93.9	95.9	104.5	95.7	99.0	94.7	105.4
93.8	96.8									
2007	21	97.6	98.3	94.6	95.6	102.7	96.5	98.7	94.2	103.3
94.8	95.8									
2008	31	98.5	98.4	94.7	95.5	103.0	95.8	99.2	95.4	103.7
94.3	96.4									
2009	23	98.6	99.2	94.6	95.8	103.6	96.2	99.0	95.2	104.3
94.5	96.6									
2010	13	97.7	98.5	94.4	95.8	103.2	96.1	99.1	93.8	103.5
94.2	96.2									

Tabel: 95 Fries Hollands - roodbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	38	97.3	96.8	100.4
1981	44	97.6	97.2	100.3
1982	31	97.4	97.1	100.0

1983	11	97.5	97.1	100.3
1990	11	97.3	96.5	100.3
1991	14	97.4	96.7	100.6
1993	13	98.2	98.0	100.3
1994	19	98.7	98.1	101.2
1995	31	98.6	98.0	101.1
1996	32	98.4	97.8	100.9
1997	38	98.1	97.6	100.5
1998	35	98.0	97.3	100.9
1999	36	98.0	97.3	100.8
2000	37	98.0	97.4	100.6
2001	58	98.8	98.0	101.1
2002	51	98.7	98.1	101.0
2003	58	98.8	98.1	101.3
2004	42	97.9	97.4	100.2
2005	46	98.5	97.9	100.8
2006	47	98.4	97.7	100.9
2007	36	98.2	97.6	100.8
2008	42	98.3	97.8	101.0
2009	49	99.0	98.6	101.1
2010	40	99.1	98.3	101.3
2011	40	98.9	98.1	101.3
2012	61	99.3	98.5	101.4
2013	39	99.1	98.4	101.3
2014	37	99.4	98.6	101.5
2015	27	99.3	98.5	101.6
2016	47	99.7	98.9	101.8
2017	50	99.7	99.0	101.5
2018	57	100.4	99.7	102.2
2019	57	100.1	99.4	102.2
2020	62	100.2	99.3	102.3
2021	55	100.5	99.6	102.4
2022	53	100.8	100.0	102.2
2023	35	100.3	99.6	102.1
2024	13	100.5	99.5	102.2

Tabel: 96 Fries Hollands - roodbont: Levensproductiekenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	26	-3729.6	-13496.1	-557.0	-478.7
2002	27	-4306.5	-15642.6	-641.8	-553.7
2003	36	-4633.2	-16612.5	-693.8	-593.4
2004	28	-4051.4	-14758.8	-596.9	-525.7
2005	33	-4409.6	-16024.3	-652.4	-570.4
2006	28	-4224.4	-15200.1	-627.4	-544.7
2007	14	-4450.4	-16344.4	-662.6	-572.6

2008	25	-3731.6	-13594.6	-549.0	-484.7
2009	23	-3049.3	-11121.1	-447.7	-396.7
2010	22	-3452.1	-12594.7	-515.5	-443.2
2011	16	-3702.0	-13652.5	-548.5	-478.2
2012	16	-2776.2	-10128.8	-406.5	-362.0
2013	19	-3066.1	-11137.9	-449.4	-399.5
2014	19	-2879.9	-10637.2	-415.4	-379.9
2015	21	-3735.6	-13553.0	-548.7	-485.9
2016	16	-2395.9	-8966.7	-337.0	-322.1
2017	18	-2730.1	-10053.0	-388.5	-363.8
2018	22	-2035.5	-7560.3	-277.1	-280.0
2019	11	-1978.1	-7412.6	-266.3	-274.3
2020	16	-1772.9	-6528.1	-242.4	-243.2
2021	15	-1243.7	-4614.9	-166.2	-173.3

Tabel: 97 Fries Hollands - roodbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	62	95.6	102.0	0	0.0	0.0	0	0.0
1981	56	94.9	100.8	0	0.0	0.0	0	0.0
1982	41	95.2	100.8	0	0.0	0.0	0	0.0
1983	21	95.2	100.8	0	0.0	0.0	0	0.0
1984	22	94.9	101.3	0	0.0	0.0	0	0.0
1985	24	94.9	101.7	16	-4.3	204.6	0	0.0
1986	20	95.6	101.7	15	-4.0	173.9	0	0.0
1987	16	94.7	101.6	11	-3.5	139.7	0	0.0
1988	10	94.8	101.6	7	-3.3	106.4	0	0.0
1990	22	96.0	101.1	16	-3.1	101.9	0	0.0
1991	16	94.6	100.2	8	-3.2	122.9	0	0.0
1993	12	93.8	99.0	10	-2.9	89.9	0	0.0
1994	23	94.4	100.7	15	-3.5	137.0	0	0.0
1995	35	95.0	101.1	13	-3.7	95.8	0	0.0
1996	20	96.1	100.8	9	-3.3	98.3	0	0.0
1997	24	95.8	101.5	13	-3.6	86.4	0	0.0
1998	21	95.5	100.3	14	-3.2	86.9	0	0.0
1999	30	95.7	100.6	16	-3.3	126.8	0	0.0
2000	25	95.1	100.6	19	-3.6	126.5	0	0.0
2001	31	95.4	100.8	22	-3.5	127.2	4	88.0
2002	27	95.9	100.2	19	-3.3	115.2	6	89.3
2003	35	95.4	100.6	27	-3.0	101.8	7	87.4
2004	27	95.3	99.6	14	-2.5	103.2	5	87.4
2005	32	95.3	100.8	19	-3.0	109.1	6	87.5
2006	31	95.8	100.8	21	-2.7	87.8	1	88.0
2007	16	96.6	100.8	11	-2.5	85.5	2	92.0
2008	26	96.5	100.4	21	-2.0	62.5	3	84.7

2009	26	97.1	100.8	19	-2.6	93.3	3	90.0
2010	26	97.3	100.5	17	-3.4	116.5	2	90.5
2011	16	97.8	100.9	14	-2.1	50.0	1	82.0
2012	17	98.8	101.0	6	-2.2	77.2	1	86.0
2013	18	97.4	101.3	5	-2.5	80.8	1	83.0
2014	17	97.8	100.7	10	-2.4	105.3	3	90.0
2015	19	97.3	101.5	11	-3.6	144.7	8	91.4
2016	15	96.7	100.5	8	-1.3	48.0	1	90.0
2017	17	97.6	100.4	4	-1.6	72.8	1	86.0
2018	22	97.2	100.1	12	-1.5	47.8	1	90.0
2019	10	96.7	99.5	6	-2.2	113.0	3	86.7
2020	15	97.5	100.5	12	-1.9	83.1	3	88.3
2021	14	97.8	99.9	13	-1.4	47.9	1	90.0

Tabel: 98 Fries Hollands - roodbont: Stofwisselingsaandoeningen  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2000	10	100.0	0	0.0	0	0.0	10	97.0
2001	12	100.0	0	0.0	0	0.0	12	96.4
2002	13	99.9	0	0.0	0	0.0	13	96.8
2004	18	99.9	0	0.0	0	0.0	18	95.8
2005	16	99.7	0	0.0	0	0.0	16	95.2
2006	10	99.8	0	0.0	0	0.0	10	95.9
2008	19	99.8	0	0.0	0	0.0	19	95.9
2009	19	99.9	0	0.0	0	0.0	19	96.8
2010	23	100.0	0	0.0	0	0.0	23	97.7
2011	15	99.9	0	0.0	0	0.0	15	98.3
2012	17	100.0	0	0.0	0	0.0	17	96.7
2013	17	99.9	0	0.0	0	0.0	17	96.6
2014	19	99.9	0	0.0	0	0.0	19	97.5
2015	20	99.9	0	0.0	0	0.0	20	96.9
2016	15	99.9	0	0.0	0	0.0	15	96.5
2017	15	99.7	0	0.0	0	0.0	15	96.3
2018	20	99.8	0	0.0	0	0.0	20	96.2
2019	10	99.9	0	0.0	0	0.0	10	95.9
2020	14	99.9	0	0.0	0	0.0	14	96.5
2021	15	99.9	0	0.0	0	0.0	15	96.4

Tabel: 99 Maas Rijn IJssel: Melkproductiekenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
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1980	15917	-1586.5	-71.7	-64.3	-73.7	-2.3	-11.9	-1.5	-491.6
1981	16450	-1589.2	-71.1	-64.1	-73.9	-0.6	-11.3	-1.5	-488.9
1982	19883	-1559.5	-69.5	-62.9	-72.5	-0.1	-11.1	-1.5	-479.3
1983	26464	-1547.4	-68.5	-62.2	-72.0	0.9	-10.4	-1.5	-473.0
1984	33990	-1531.8	-68.5	-61.7	-71.2	-0.4	-10.4	-1.5	-470.8
1985	39065	-1522.0	-68.8	-61.2	-70.8	-1.9	-10.1	-1.5	-469.7
1986	36129	-1519.4	-68.3	-60.7	-70.7	-1.1	-9.3	-1.5	-466.1
1987	34320	-1520.2	-67.8	-60.3	-70.7	0.1	-8.2	-1.5	-462.6
1988	44035	-1526.4	-66.6	-60.7	-71.0	3.1	-8.4	-1.5	-460.8
1989	32013	-1561.9	-66.2	-60.6	-72.6	7.2	-5.7	-1.5	-459.4
1990	23405	-1503.2	-64.5	-58.2	-69.9	5.4	-5.1	-1.5	-443.7
1991	19904	-1379.5	-58.7	-54.0	-64.3	5.9	-5.7	-1.5	-408.3
1992	18842	-1317.4	-56.7	-51.8	-61.4	4.2	-5.9	-1.6	-392.9
1993	18751	-1221.3	-53.2	-48.2	-57.1	2.7	-5.6	-1.6	-366.9
1994	12675	-1176.6	-52.4	-46.7	-55.0	0.3	-5.9	-1.6	-358.1
1995	9165	-1146.7	-53.0	-45.9	-53.7	-3.2	-6.4	-1.6	-356.2
1996	6305	-1050.8	-50.3	-42.3	-49.3	-6.2	-6.2	-1.7	-332.8
1997	4585	-969.8	-46.3	-39.0	-45.6	-5.4	-5.6	-1.7	-306.7
1998	3911	-942.5	-45.1	-37.2	-44.3	-5.4	-4.0	-1.7	-295.3
1999	3627	-903.0	-42.2	-34.4	-42.5	-3.2	-1.5	-1.7	-274.7
2000	3396	-815.0	-39.0	-31.6	-37.5	-4.5	-2.2	0.1	-253.0
2001	3276	-759.4	-36.4	-29.7	-28.3	-4.1	-2.6	11.8	-237.0
2002	2735	-664.2	-30.9	-25.5	-23.4	-1.6	-1.3	12.6	-202.5
2003	2722	-654.1	-33.1	-25.2	-23.6	-6.4	-1.4	11.4	-207.4
2004	2661	-630.7	-31.4	-23.6	-23.5	-5.2	-0.1	9.6	-195.4
2005	2592	-605.2	-30.4	-22.4	-22.9	-5.4	0.4	8.6	-187.4
2006	2762	-467.5	-25.6	-16.9	-16.8	-7.4	1.0	7.9	-149.5
2007	2880	-475.0	-24.0	-17.0	-17.9	-4.4	1.3	6.8	-145.1
2008	2895	-434.6	-21.2	-14.9	-16.3	-2.8	2.3	6.3	-127.9
2009	2687	-372.4	-20.0	-12.9	-14.3	-5.1	1.8	4.8	-115.6
2010	2525	-296.8	-17.6	-11.1	-10.9	-6.4	0.3	4.5	-100.6
2011	2520	-266.0	-14.3	-9.2	-10.0	-3.2	1.5	3.6	-82.6
2012	2604	-229.9	-11.4	-7.6	-8.4	-1.2	2.0	3.6	-67.1
2013	2717	-187.5	-10.5	-5.0	-6.0	-3.0	3.5	4.2	-53.0
2014	2346	-136.9	-7.8	-4.2	-4.5	-2.1	1.9	3.0	-41.4
2015	2066	-116.5	-6.7	-3.8	-4.0	-1.8	1.3	2.2	-36.5
2016	1757	-86.9	-4.0	-1.6	-2.4	0.4	3.0	2.5	-19.1
2017	1422	-31.3	-1.4	0.0	-0.3	0.8	2.4	1.8	-4.3
2018	1344	-59.7	-0.7	-0.9	-1.7	3.7	2.5	1.7	-6.3
2019	1425	-20.3	-0.3	0.2	0.0	1.8	2.0	1.5	0.0
2020	1309	-58.7	0.3	-0.8	-2.2	5.3	2.6	0.9	-2.7
2021	1186	22.2	5.4	3.8	0.9	7.6	5.1	-0.2	32.5
2022	227	93.5	7.4	5.7	3.0	5.6	3.9	-1.9	46.5

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 100 Maas Rijn IJssel: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	50732	88.5	93.4	89.9	90.3	104.4	99.2	97.1
1981	51339	88.7	93.3	90.2	90.6	104.0	99.3	97.3
1982	49638	88.8	93.8	90.7	90.9	104.4	99.3	97.0
1983	48291	89.1	94.0	91.0	91.0	104.2	99.8	97.0
1984	41486	89.6	94.5	91.5	91.6	103.7	99.5	97.5
1985	36369	90.3	95.0	92.1	92.2	103.7	99.8	98.1
1986	26455	90.7	95.3	92.6	92.8	103.4	99.9	98.2
1987	20232	91.4	95.5	93.3	93.4	103.1	99.9	98.3
1988	21390	91.4	95.5	93.7	93.8	103.1	99.8	97.9
1989	13539	91.3	95.8	93.7	93.4	103.5	99.9	98.2
1990	9642	91.7	95.4	93.5	93.3	102.9	99.9	98.3
1991	8474	92.2	95.0	94.0	93.8	102.2	99.9	98.2
1992	7770	92.7	94.6	94.5	94.2	101.7	99.3	97.9
1993	7038	93.0	94.5	93.9	94.2	101.3	99.0	97.6
1994	4544	93.6	95.7	94.8	95.0	101.4	98.9	98.4
1995	3206	93.9	96.4	95.5	95.5	101.3	99.1	98.9
1996	2334	95.2	96.5	96.2	95.5	101.7	99.6	99.4
1997	1624	95.4	97.1	96.7	96.0	101.6	99.6	99.6
1998	1467	95.5	96.7	96.4	95.8	101.4	99.6	98.9
1999	1422	95.6	97.2	96.6	96.2	101.1	99.0	98.2
2000	1319	95.9	97.0	96.4	96.5	100.8	99.7	98.7
2001	1278	96.1	97.6	97.0	96.9	100.8	100.0	99.2
2002	1150	96.3	97.7	97.3	97.2	100.7	99.4	99.0
2003	1143	97.1	98.3	97.6	97.2	101.0	100.4	99.8
2004	1132	97.4	98.1	97.4	97.0	100.9	100.2	99.6
2005	1141	97.9	98.7	98.2	97.7	101.0	100.2	99.5
2006	1154	98.1	98.1	98.3	98.1	100.0	100.2	99.2
2007	1114	97.8	98.1	97.4	97.3	100.2	100.5	100.2
2008	1057	98.1	98.9	98.1	97.6	100.8	100.3	100.6
2009	1009	98.5	98.9	98.3	98.0	100.5	100.0	100.0
2010	990	98.6	98.8	98.5	98.4	100.3	100.0	99.9
2011	952	98.8	99.3	98.9	98.7	100.4	100.1	100.4
2012	918	99.1	99.7	99.0	98.7	100.7	99.8	100.1
2013	788	99.4	99.5	99.1	99.2	100.1	99.8	100.3
2014	596	99.4	99.8	98.9	99.2	100.2	100.5	101.1
2015	475	99.6	99.7	98.9	99.3	100.3	100.5	100.6
2016	390	99.8	99.9	99.8	100.3	100.0	100.2	100.0
2017	298	99.8	99.8	99.8	100.3	100.0	100.1	100.3
2018	327	100.2	99.8	99.8	100.3	99.9	100.0	100.1
2019	374	100.0	99.4	99.3	99.9	100.0	99.8	99.4
2020	370	100.1	99.9	99.9	100.4	99.7	99.8	100.2
2021	369	100.6	99.5	100.2	101.1	99.1	98.9	100.2
2022	34	100.2	98.6	99.9	101.2	98.4	98.8	99.7

Tabel: 101 Maas Rijn IJssel: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	50732	88.9	100.5	98.9	92.5	88.8
1981	51339	89.1	100.8	98.5	92.0	89.0
1982	49638	89.4	101.4	97.9	92.5	89.5
1983	48291	89.7	101.5	97.8	93.6	89.6
1984	41486	90.5	100.4	98.1	94.7	90.5
1985	36369	91.0	99.6	98.1	95.1	91.0
1986	26455	91.4	99.8	97.9	95.0	91.2
1987	20232	91.8	99.1	98.2	94.8	91.6
1988	21390	91.3	99.8	98.2	94.4	91.4
1989	13539	91.3	100.3	98.1	94.8	91.4
1990	9642	91.2	100.4	98.0	95.2	91.2
1991	8474	91.5	100.6	97.4	94.9	91.5
1992	7770	92.1	100.6	98.1	95.4	91.9
1993	7038	92.6	99.9	98.6	95.2	92.4
1994	4544	92.9	100.3	98.8	95.5	92.7
1995	3206	93.8	100.3	99.1	96.3	93.3
1996	2334	94.3	100.7	99.3	97.1	93.9
1997	1624	94.7	100.8	99.2	97.3	94.1
1998	1467	94.5	100.3	99.2	97.0	94.1
1999	1422	95.1	100.7	99.4	97.3	94.7
2000	1319	94.9	100.4	99.6	97.3	94.7
2001	1278	95.1	100.8	99.2	97.4	94.7
2002	1150	95.7	100.9	99.4	97.9	95.4
2003	1143	95.3	100.5	100.1	98.1	95.1
2004	1132	95.6	100.2	100.2	98.2	95.4
2005	1141	95.6	100.4	100.3	98.3	95.5
2006	1154	95.8	100.9	99.9	98.1	95.6
2007	1114	96.2	100.0	100.6	98.2	96.0
2008	1057	96.0	100.1	100.1	98.4	95.7
2009	1009	96.4	100.5	100.4	98.4	96.1
2010	990	97.0	100.8	100.2	98.6	96.9
2011	952	97.2	100.5	100.1	99.2	97.2
2012	918	97.2	100.3	100.5	99.5	97.2
2013	788	97.5	100.4	100.8	99.4	97.6
2014	596	98.0	100.2	100.5	100.1	98.2
2015	475	97.7	100.0	100.7	99.7	97.6
2016	390	98.3	100.1	100.8	99.9	98.4
2017	298	98.5	100.6	100.3	100.2	98.8
2018	327	99.0	100.3	100.4	100.4	99.2
2019	374	98.8	100.7	99.9	100.3	99.2
2020	370	99.0	100.8	99.9	100.6	99.4
2021	369	99.4	100.7	100.0	100.2	99.8
2022	34	99.5	100.8	99.5	99.9	99.7

Tabel: 102 Maas Rijn IJssel: Exterieurkenmerken uier  
Basis: Dubbeldoel

Land: NL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	50732	92.9	88.4	103.0	94.7	91.8	91.1	88.7
95.7								
1981	51339	93.1	88.5	102.9	94.6	91.6	91.2	88.6
95.3								
1982	49638	93.1	89.1	103.1	94.4	91.7	91.3	89.2
95.5								
1983	48291	93.3	89.5	102.9	94.7	91.8	91.4	89.5
95.5								
1984	41486	93.9	90.0	103.6	94.8	92.5	91.8	90.0
96.0								
1985	36369	94.1	90.4	104.2	94.8	92.8	91.9	90.2
96.1								
1986	26455	94.3	90.6	104.4	94.8	93.1	92.2	90.5
96.2								
1987	20232	94.8	91.0	104.4	95.2	93.2	92.5	90.8
96.0								
1988	21390	94.7	91.4	103.8	95.3	92.8	92.7	91.1
95.7								
1989	13539	94.5	91.6	103.1	95.4	92.6	93.4	91.6
95.5								
1990	9642	94.7	92.1	103.8	95.8	92.8	93.2	91.9
96.2								
1991	8474	95.3	92.9	104.0	95.8	93.6	93.2	92.1
96.5								
1992	7770	95.3	93.6	103.6	95.7	93.8	92.9	92.2
96.5								
1993	7038	96.2	93.9	103.2	96.6	94.1	93.6	92.7
95.9								
1994	4544	96.1	94.2	103.1	96.5	93.7	93.5	92.9
95.9								
1995	3206	96.1	94.5	102.8	96.7	93.6	94.0	93.5
95.8								
1996	2334	95.6	94.8	102.7	96.9	93.5	94.2	94.2
96.2								
1997	1624	95.4	94.9	102.7	96.7	93.8	94.4	94.5
96.6								
1998	1467	95.8	94.8	103.1	96.8	94.0	94.0	94.0
96.5								
1999	1422	95.8	94.8	103.2	96.6	94.5	94.9	94.6
96.3								
2000	1319	95.9	94.3	103.4	96.8	94.4	94.7	94.4
96.3								
2001	1278	95.9	95.2	102.8	96.8	94.2	95.1	95.0
96.2								
2002	1150	96.3	95.7	102.6	97.2	95.0	95.7	95.5
96.5								

2003	1143	96.2	95.7	102.6	97.6	94.9	95.6	95.6
96.9								
2004	1132	96.7	96.0	102.5	97.9	95.4	95.6	95.6
96.9								
2005	1141	96.8	96.1	102.8	98.0	95.4	95.7	95.8
97.2								
2006	1154	96.9	95.7	102.8	98.2	96.0	95.8	95.8
97.6								
2007	1114	96.7	96.8	103.2	98.1	96.8	96.7	96.9
98.2								
2008	1057	96.4	96.5	102.6	97.9	96.6	97.0	97.0
98.2								
2009	1009	97.0	97.1	102.4	98.4	97.1	97.4	97.4
98.0								
2010	990	97.5	97.6	102.0	98.8	97.7	97.7	97.9
98.1								
2011	952	97.9	97.3	102.2	98.9	97.7	97.5	97.5
98.1								
2012	918	98.1	97.8	101.5	99.3	97.9	97.9	98.2
98.2								
2013	788	98.1	98.7	101.9	99.1	98.9	98.3	98.8
99.2								
2014	596	98.6	98.6	101.2	99.4	98.6	97.9	98.5
99.1								
2015	475	99.2	98.6	100.8	99.8	98.3	97.7	98.3
98.6								
2016	390	99.0	99.3	100.8	99.5	99.3	98.4	99.1
99.2								
2017	298	98.6	98.9	100.7	99.4	99.1	98.6	99.0
99.2								
2018	327	99.4	99.2	100.6	100.0	99.6	98.7	99.0
99.3								
2019	374	99.3	99.4	100.6	100.2	99.6	99.3	99.7
99.5								
2020	370	99.2	99.3	100.6	100.0	99.5	99.0	99.3
99.6								
2021	369	99.4	100.2	100.7	100.0	100.2	99.7	100.1
99.8								
2022	34	99.6	99.9	99.4	100.7	100.3	99.9	100.1
100.1								

Tabel: 103 Maas Rijn IJssel: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	50732	88.2	85.6	85.7	87.0	103.8	78.9
1981	51339	88.4	85.7	85.7	87.1	103.6	79.1

1982	49638	88.7	86.3	85.9	87.6	103.8	79.6
1983	48291	89.2	86.4	86.2	87.8	103.7	80.0
1984	41486	89.9	87.1	87.0	88.5	103.2	81.2
1985	36369	91.0	88.0	87.2	88.8	103.2	81.8
1986	26455	91.4	88.4	87.5	89.0	102.9	82.3
1987	20232	92.1	89.0	88.1	89.5	102.6	83.1
1988	21390	92.0	89.0	88.2	89.4	102.4	83.1
1989	13539	92.3	89.3	88.4	89.5	102.8	83.4
1990	9642	92.2	88.8	88.8	89.3	102.5	83.3
1991	8474	92.3	88.8	89.4	89.7	101.8	83.8
1992	7770	92.1	88.9	89.6	90.2	101.1	84.3
1993	7038	91.7	88.5	90.7	90.8	100.2	85.0
1994	4544	93.0	90.0	90.6	91.3	100.5	85.8
1995	3206	94.0	91.1	90.9	92.1	100.6	86.9
1996	2334	95.2	92.0	91.0	92.9	100.9	87.9
1997	1624	95.7	92.7	91.1	93.2	101.0	88.4
1998	1467	95.1	92.1	91.1	93.0	100.7	88.0
1999	1422	94.9	92.5	91.6	93.9	100.5	88.8
2000	1319	95.3	92.3	91.4	93.8	100.2	88.8
2001	1278	96.2	93.1	91.8	93.8	100.3	89.3
2002	1150	96.2	93.5	92.7	94.5	100.3	90.2
2003	1143	97.5	94.1	92.8	94.3	100.8	90.5
2004	1132	97.3	93.9	93.3	94.6	100.6	90.9
2005	1141	98.0	94.5	93.4	94.7	100.8	91.3
2006	1154	97.6	94.1	93.7	94.8	100.0	91.3
2007	1114	97.8	94.3	94.6	95.4	100.0	92.1
2008	1057	98.6	95.0	94.5	95.0	100.6	92.1
2009	1009	98.4	95.1	95.3	95.5	100.3	92.8
2010	990	98.4	95.4	96.1	96.3	99.8	93.7
2011	952	99.1	96.1	96.0	96.6	100.1	94.2
2012	918	99.2	96.3	96.7	96.6	100.5	94.5
2013	788	99.3	96.5	97.4	97.1	99.9	95.3
2014	596	100.0	97.0	97.4	97.7	100.3	95.9
2015	475	99.7	96.7	97.4	97.2	100.2	95.5
2016	390	99.8	97.2	98.2	98.0	100.1	96.4
2017	298	99.9	97.4	98.0	98.3	100.2	96.6
2018	327	99.9	97.5	98.7	98.8	100.0	97.3
2019	374	99.1	97.0	99.0	98.7	99.7	97.0
2020	370	99.9	97.6	98.7	98.9	100.1	97.4
2021	369	99.6	97.8	99.6	99.5	99.5	98.1
2022	34	98.7	97.0	99.9	99.3	98.9	97.7

Tabel: 104 Maas Rijn IJssel: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
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Vru

1980	95208	102.7	101.0	99.7	100.8	99.6	100.0	86.0	100.3
100.0									
1981	101963	102.9	100.9	99.9	100.9	99.9	99.9	85.8	100.4
100.1									
1982	98055	102.5	100.9	99.5	100.7	99.5	99.7	85.4	100.2
99.8									
1983	96656	102.3	100.7	99.3	100.4	99.3	99.8	85.8	99.9
99.6									
1984	87903	101.8	100.7	99.1	100.3	99.1	100.0	86.0	99.8
99.5									
1985	79268	101.4	100.5	98.8	100.1	98.7	99.9	87.0	99.5
99.2									
1986	63925	101.3	100.4	98.7	99.9	98.5	99.6	87.1	99.4
99.0									
1987	53428	101.4	100.2	98.6	99.8	98.7	99.6	87.3	99.3
99.0									
1988	55475	102.0	99.6	98.6	99.5	98.9	100.1	86.8	99.0
99.1									
1989	38789	102.1	99.7	98.8	99.7	99.1	100.3	86.7	99.1
99.3									
1990	28057	101.9	99.5	98.6	99.3	99.0	100.4	87.0	98.9
99.1									
1991	24646	101.2	99.7	98.3	99.1	98.6	99.9	87.8	98.8
98.8									
1992	23856	100.9	100.0	98.5	99.3	98.7	99.8	88.8	99.0
99.0									
1993	23277	100.7	99.7	98.5	99.3	98.9	99.7	89.1	98.9
98.9									
1994	15895	100.8	99.0	98.0	98.6	98.5	99.8	89.1	98.2
98.5									
1995	11532	100.7	99.1	98.0	98.6	98.5	99.4	89.1	98.3
98.5									
1996	8027	100.2	99.7	98.1	98.9	98.3	98.9	91.2	98.7
98.4									
1997	5926	99.9	99.4	97.9	98.6	98.1	98.7	91.6	98.4
98.2									
1998	5110	99.9	99.6	98.1	98.8	98.2	98.8	91.9	98.6
98.3									
1999	4655	100.0	99.3	98.2	98.8	98.5	99.4	92.6	98.5
98.6									
2000	4210	99.9	99.2	98.2	98.7	98.5	99.7	92.6	98.4
98.6									
2001	4051	99.7	99.0	97.9	98.3	98.1	99.2	92.7	98.1
98.2									
2002	3404	99.2	98.8	97.5	98.0	97.7	98.8	93.3	97.8
97.8									
2003	3476	99.2	99.1	97.7	98.3	97.7	98.2	94.5	98.1
97.8									

2004	3327	99.4	99.4	98.1	98.7	98.1	98.5	95.0	98.5
98.2									
2005	3166	99.2	99.5	98.1	98.7	98.1	98.7	95.7	98.5
98.2									
2006	3332	98.8	99.1	97.9	98.3	98.0	99.1	96.0	98.3
98.2									
2007	3522	98.9	99.2	98.0	98.5	98.0	99.0	96.7	98.4
98.2									
2008	3562	99.1	99.2	98.1	98.5	98.1	99.0	96.9	98.4
98.2									
2009	3158	99.2	99.5	98.5	98.9	98.4	99.2	97.1	98.8
98.6									
2010	2975	99.3	99.3	98.5	98.7	98.4	99.1	97.7	98.7
98.5									
2011	3022	98.9	99.1	98.1	98.4	98.0	98.7	98.1	98.4
98.1									
2012	3123	98.7	99.2	98.1	98.4	97.9	98.0	98.2	98.4
97.9									
2013	3281	99.4	98.8	98.4	98.5	98.6	99.2	97.9	98.4
98.5									
2014	2825	99.3	99.0	98.6	98.6	98.5	98.4	99.0	98.6
98.4									
2015	2512	99.9	99.0	99.1	98.9	99.1	99.1	99.2	98.9
98.9									
2016	2121	99.8	99.0	99.0	98.9	99.1	99.4	99.3	98.9
99.0									
2017	1709	99.8	99.3	99.2	99.2	99.2	99.6	99.7	99.1
99.2									
2018	1559	99.8	99.3	99.3	99.2	99.3	99.4	99.8	99.2
99.2									
2019	1662	99.8	99.4	99.4	99.3	99.5	99.6	100.0	99.3
99.4									
2020	1616	99.4	99.7	99.4	99.4	99.3	99.4	100.6	99.4
99.3									
2021	1398	99.1	99.8	99.4	99.4	99.2	99.2	100.6	99.5
99.3									
2022	840	99.7	99.7	99.8	99.7	99.8	99.8	101.1	99.7
99.7									

Tabel: 105 Maas Rijn IJssel: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	10822	97.1	93.4	97.0	101.3	101.3
1981	10957	97.0	93.6	96.6	100.8	101.2
1982	11111	97.1	93.2	96.3	100.6	101.0



1983	12532	97.5	93.1	96.1	100.3	100.8
1984	13199	97.3	93.1	95.9	100.0	100.6
1985	12685	97.3	92.9	95.7	99.7	100.6
1986	10335	97.4	93.1	95.5	99.6	100.5
1987	8681	97.8	93.7	95.4	99.5	100.4
1988	10111	97.9	93.8	95.8	99.7	100.8
1989	6885	98.1	93.5	95.7	99.4	100.5
1990	5350	97.8	93.4	95.8	99.5	100.5
1991	6805	98.3	93.5	95.8	99.6	100.3
1992	7619	98.4	93.8	95.5	99.3	99.9
1993	6744	98.7	95.0	96.1	99.9	100.1
1994	4174	98.6	94.6	95.8	99.6	99.6
1995	2943	98.9	94.4	95.4	99.2	99.0
1996	2063	99.3	94.0	95.9	99.3	99.3
1997	1481	99.3	94.2	95.6	99.1	99.0
1998	1337	99.3	94.4	95.8	98.9	99.2
1999	1280	99.2	94.6	95.5	98.3	98.6
2000	1202	98.8	95.4	95.8	98.9	99.1
2001	1177	98.9	95.2	95.5	98.3	98.7
2002	1023	99.3	96.0	96.2	98.9	99.1
2003	1019	99.1	95.5	96.0	98.5	98.9
2004	988	98.9	95.7	96.5	98.8	99.2
2005	993	99.0	95.9	96.0	98.2	98.8
2006	961	99.2	96.3	96.0	98.0	98.7
2007	999	99.2	97.0	96.5	98.7	99.4
2008	926	99.3	96.9	96.5	98.4	99.2
2009	940	99.1	96.7	97.0	98.6	99.3
2010	947	99.3	97.5	97.1	98.7	99.3
2011	935	99.3	98.1	97.2	98.7	99.2
2012	951	99.4	98.0	97.6	99.1	99.2
2013	985	99.1	97.6	97.6	99.2	99.5
2014	859	99.6	98.0	97.3	98.7	98.8
2015	709	99.8	98.4	97.1	98.5	98.6
2016	732	99.5	98.5	97.8	99.2	99.3
2017	586	99.7	98.8	98.3	99.5	99.4
2018	569	99.4	99.2	98.6	99.7	99.6
2019	654	99.5	99.4	98.9	100.1	99.9
2020	576	99.9	99.8	98.4	99.5	99.6
2021	493	99.7	99.2	98.9	100.1	99.8
2022	38	100.3	99.2	99.0	100.1	100.0

Tabel: 106 Maas Rijn IJssel: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
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BVK

1980	15917	-270.9	-491.6	-196.4	101.5	100.0	85.7	87.0	96.7
0.0									
1981	16450	-277.4	-488.9	-233.7	101.1	100.1	85.7	87.1	96.9
0.0									
1982	19883	-280.5	-479.3	-259.2	101.0	99.8	85.9	87.6	96.7
0.0									
1983	26464	-285.7	-473.0	-307.0	100.6	99.6	86.2	87.8	96.5
0.0									
1984	33990	-291.6	-470.8	-414.8	100.4	99.5	87.0	88.5	96.9
0.0									
1985	39065	-299.9	-469.7	-507.2	100.2	99.2	87.2	88.8	96.8
174.4									
1986	36129	-304.6	-466.1	-588.3	100.1	99.0	87.5	89.0	96.8
159.8									
1987	34320	-305.1	-462.6	-659.2	100.0	99.0	88.1	89.5	96.9
135.3									
1988	44035	-305.0	-460.8	-704.4	100.4	99.1	88.2	89.4	97.0
116.0									
1989	32013	-303.7	-459.4	-727.2	100.0	99.3	88.4	89.5	96.8
107.1									
1990	23405	-296.5	-443.7	-696.4	100.1	99.1	88.8	89.3	96.5
107.1									
1991	19904	-280.3	-408.3	-644.0	100.0	98.8	89.4	89.7	96.4
106.8									
1992	18842	-272.4	-392.9	-615.2	99.6	99.0	89.6	90.2	96.3
107.4									
1993	18751	-246.5	-366.9	-560.5	100.1	98.9	90.7	90.8	96.4
108.1									
1994	12675	-250.5	-358.1	-555.6	99.5	98.5	90.6	91.3	96.4
92.1									
1995	9165	-245.6	-356.2	-531.8	99.0	98.5	90.9	92.1	96.6
82.8									
1996	6305	-229.3	-332.8	-476.0	99.2	98.4	91.0	92.9	96.9
66.5									
1997	4585	-222.7	-306.7	-454.6	98.9	98.2	91.1	93.2	96.9
59.1									
1998	3911	-216.1	-295.3	-432.1	98.9	98.3	91.1	93.0	97.0
64.4									
1999	3627	-203.3	-274.7	-427.1	98.3	98.6	91.6	93.9	97.2
61.0									
2000	3396	-190.5	-253.0	-382.6	98.9	98.6	91.4	93.8	97.5
61.3									
2001	3276	-189.0	-237.0	-359.7	98.3	98.2	91.8	93.8	97.5
58.7									
2002	2735	-167.6	-202.5	-303.8	98.9	97.8	92.7	94.5	97.4
54.4									
2003	2722	-170.9	-207.4	-296.2	98.6	97.8	92.8	94.3	97.3
42.2									

2004	2661	-153.4	-195.4	-253.5	98.9	98.2	93.3	94.6	97.5
41.9									
2005	2592	-153.3	-187.4	-263.1	98.4	98.2	93.4	94.7	97.4
31.7									
2006	2762	-138.0	-149.5	-194.8	98.2	98.2	93.7	94.8	97.7
37.5									
2007	2880	-124.0	-145.1	-179.1	99.0	98.2	94.6	95.4	97.8
36.7									
2008	2895	-124.2	-127.9	-210.1	98.7	98.2	94.5	95.0	98.0
22.9									
2009	2687	-111.9	-115.6	-185.0	98.9	98.6	95.3	95.5	98.1
20.7									
2010	2525	-98.8	-100.6	-138.4	98.9	98.5	96.1	96.3	98.1
21.7									
2011	2520	-95.4	-82.6	-128.4	98.9	98.1	96.0	96.6	98.0
12.8									
2012	2604	-88.5	-67.1	-126.9	99.1	97.9	96.7	96.6	97.9
6.6									
2013	2717	-72.7	-53.0	-119.5	99.3	98.5	97.4	97.1	98.3
7.5									
2014	2346	-71.4	-41.4	-88.4	98.6	98.4	97.4	97.7	98.4
2.2									
2015	2066	-70.0	-36.5	-91.2	98.4	98.9	97.4	97.2	98.5
2.4									
2016	1757	-49.8	-19.1	-71.8	99.2	99.0	98.2	98.0	98.6
-1.0									
2017	1422	-38.8	-4.3	-41.7	99.4	99.2	98.0	98.3	98.6
-2.5									
2018	1344	-33.8	-6.3	-46.7	99.6	99.2	98.7	98.8	98.5
-1.4									
2019	1425	-23.8	0.0	-19.7	100.0	99.4	99.0	98.7	98.6
0.7									
2020	1309	-25.8	-2.7	-26.6	99.5	99.3	98.7	98.9	98.6
-0.6									
2021	1186	-6.5	32.5	18.0	99.9	99.3	99.6	99.5	98.7
-1.5									
2022	227	8.7	46.5	67.8	100.0	99.7	99.9	99.3	98.9
-6.1									

Tabel: 107 Maas Rijn IJssel: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1984	106	96.1	95.5	101.1	100.5	95.5	95.8	94.8
1985	224	96.3	95.6	101.2	100.6	95.5	95.7	95.1
1986	188	96.3	95.6	101.2	100.6	95.6	95.8	95.0

1987	173	96.2	95.7	101.1	100.5	95.7	95.7	95.0
1988	183	96.2	95.6	101.1	100.5	95.7	95.7	95.1
1989	47	95.3	96.0	99.6	99.0	96.5	95.1	95.5
1990	208	95.4	96.1	100.4	100.0	95.6	95.2	93.7
1991	416	95.7	96.0	101.0	100.5	95.2	95.4	93.6
1992	531	95.2	95.3	100.5	100.3	94.9	96.2	93.5
1993	857	95.1	95.6	99.8	99.2	96.1	95.9	94.7
1994	746	94.2	95.7	98.7	98.1	96.3	95.7	94.8
1995	1203	93.9	95.4	98.3	97.8	96.2	96.0	94.7
1996	676	94.6	96.0	98.7	98.3	96.3	96.6	95.1
1997	768	94.3	96.1	98.5	98.2	96.2	96.4	94.9
1998	862	94.6	96.2	98.6	98.3	96.3	96.5	95.2
1999	887	95.0	96.3	98.8	98.5	96.9	96.8	95.4
2000	765	95.0	96.6	98.6	98.1	97.2	96.4	95.9
2001	776	95.4	96.8	98.8	98.4	97.3	96.7	96.1
2002	754	95.7	96.9	99.0	99.0	97.3	97.2	96.2
2003	740	96.0	97.5	98.9	99.0	97.7	97.5	96.5
2004	849	95.9	97.5	98.9	98.6	97.8	97.0	96.6
2005	842	96.4	97.7	99.2	99.1	97.8	97.5	96.8
2006	917	96.2	97.7	99.0	98.9	97.7	97.4	96.8
2007	874	96.3	98.0	98.9	98.8	98.2	97.3	97.0
2008	906	95.8	97.6	98.7	98.7	97.8	96.6	96.7
2009	962	95.9	97.9	98.4	98.6	98.0	96.9	97.0
2010	986	96.6	98.4	98.7	99.0	98.3	97.5	97.9
2011	1013	97.1	98.5	98.9	99.2	98.3	97.7	98.1
2012	1042	97.1	98.5	99.0	99.2	98.5	97.8	98.3
2013	1062	97.8	99.3	99.3	99.3	99.5	98.1	98.3
2014	913	98.0	99.3	99.5	99.5	99.3	98.5	98.9
2015	748	97.7	98.9	99.4	99.5	98.9	98.4	98.9
2016	668	97.9	99.1	99.2	99.4	99.2	98.5	99.4
2017	510	98.0	99.1	99.3	99.5	99.1	98.7	99.6
2018	482	98.5	99.6	99.8	100.2	99.5	99.2	100.0
2019	486	98.4	99.4	99.6	100.0	99.4	99.1	100.3
2020	459	98.5	99.2	99.7	100.2	99.3	99.4	100.3
2021	343	98.5	99.5	99.4	99.9	99.6	99.1	100.4
2022	23	98.1	98.9	99.0	99.3	98.6	98.8	100.5

Tabel: 108 Maas Rijn IJssel: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	13487	96.4	98.5	96.4	98.5	97.9	99.7
1981	13113	96.4	98.8	96.4	98.8	98.1	99.8
1982	15157	96.0	99.0	96.0	99.0	97.5	99.7
1983	18659	96.0	98.4	96.0	98.4	97.3	99.7
1984	21495	96.5	98.6	96.5	98.6	97.8	99.6
1985	22559	96.7	98.6	96.7	98.6	97.9	99.2

1986	19834	96.9	98.6	96.9	98.6	98.1	99.2
1987	18475	96.8	98.9	96.8	98.9	98.2	99.0
1988	22989	96.6	99.0	96.6	99.0	98.1	99.1
1989	18401	96.7	98.8	96.7	98.8	98.1	99.2
1990	16531	96.4	99.0	96.4	99.0	97.8	99.3
1991	18636	96.4	98.9	96.4	98.9	98.0	99.4
1992	18933	96.6	98.8	96.6	98.8	97.9	99.3
1993	23261	96.9	98.7	96.9	98.7	98.9	99.3
1994	20333	97.0	98.5	97.0	98.5	98.9	99.1
1995	15427	97.0	98.6	97.0	98.6	98.9	99.1
1996	11679	97.3	98.6	97.3	98.6	98.7	99.3
1997	9136	97.3	98.6	97.3	98.6	98.6	99.3
1998	7965	97.3	98.8	97.3	98.8	98.5	99.4
1999	7471	97.5	98.8	97.5	98.8	99.1	99.3
2000	6687	98.0	98.9	98.0	98.9	99.8	99.5
2001	5852	98.2	98.7	98.2	98.7	99.9	99.2
2002	5207	97.7	98.8	97.7	98.8	99.9	99.1
2003	5194	97.9	98.6	97.9	98.6	99.5	99.0
2004	4982	97.9	98.9	97.9	98.9	99.6	99.3
2005	4573	97.9	98.8	97.9	98.8	99.4	99.2
2006	4555	98.2	99.0	98.2	99.0	100.0	99.7
2007	4442	98.2	99.1	98.2	99.1	100.3	99.4
2008	4474	98.2	99.4	98.2	99.4	100.1	99.9
2009	4441	98.2	99.6	98.2	99.6	100.1	99.8
2010	4270	98.2	99.5	98.2	99.5	99.7	99.7
2011	4142	98.1	99.4	98.1	99.4	99.8	99.7
2012	4016	97.9	99.4	97.9	99.3	99.6	99.6
2013	4157	98.4	99.6	98.4	99.6	100.2	99.7
2014	3800	98.1	99.9	98.1	99.8	100.1	100.0
2015	3594	98.0	99.9	98.0	99.9	100.4	100.1
2016	3262	98.1	100.0	98.1	99.9	100.3	100.1
2017	2838	98.3	99.7	98.4	99.7	100.6	100.1
2018	2632	98.0	99.8	98.0	99.8	100.4	100.1
2019	2455	97.9	99.9	97.9	99.9	100.3	100.2
2020	2344	97.7	100.0	97.7	100.0	100.2	100.3
2021	2283	97.8	100.1	97.8	100.2	100.2	100.4
2022	2145	97.8	100.3	97.8	100.3	100.4	100.4
2023	2067	97.9	100.3	97.9	100.4	100.7	100.4
2024	846	98.1	100.4	98.1	100.4	101.0	100.5

Tabel: 109 Maas Rijn IJssel: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	18199	95.1	102.0	104.9	99.6	99.2	99.0
1981	18065	95.3	102.0	104.8	99.8	99.0	98.7
1982	19381	94.8	102.6	105.2	99.1	98.9	99.3

1983	33751	94.7	102.8	105.2	99.2	98.8	98.8
1984	32487	95.7	102.4	104.3	99.3	98.6	98.4
1985	27526	96.0	101.8	103.9	99.0	99.7	99.5
1986	22438	95.6	101.8	104.3	98.7	99.4	99.5
1987	19060	96.9	101.2	103.2	98.7	99.8	100.2
1988	19696	97.1	101.3	103.2	99.5	99.3	99.1
1989	12248	96.3	100.9	103.8	99.6	98.3	98.3
1990	9497	96.5	102.0	103.6	98.9	99.3	99.5
1991	10170	96.6	102.0	103.6	99.0	100.0	100.1
1992	9990	96.9	102.5	103.3	98.2	100.2	100.5
1993	8671	97.8	101.3	102.4	97.4	99.9	101.1
1994	5600	97.9	101.4	102.5	98.1	99.9	100.7
1995	5082	98.3	101.1	101.9	98.4	100.0	100.0
1996	3915	98.6	101.3	101.9	99.8	100.7	99.4
1997	2775	98.1	100.9	102.4	100.2	100.7	99.1
1998	2325	98.6	101.0	101.8	99.0	100.8	100.0
1999	2353	99.1	100.7	101.3	98.8	100.6	100.7
2000	2309	98.7	100.2	101.8	98.9	100.2	100.6
2001	2216	98.6	100.1	101.9	99.2	100.3	100.3
2002	1924	98.2	99.8	102.2	99.4	100.7	100.2
2003	2100	97.8	100.3	102.5	99.0	100.8	100.7
2004	2214	97.6	100.1	102.7	99.4	100.6	100.1
2005	2310	97.3	99.8	102.9	99.3	101.2	100.4
2006	2444	97.4	100.5	102.8	99.4	100.1	100.0
2007	3124	98.5	99.8	101.8	98.0	100.6	101.8
2008	3279	97.7	100.1	102.7	99.1	100.3	101.1
2009	3433	97.4	100.3	103.0	99.5	101.2	101.0
2010	3276	97.4	100.5	102.8	99.2	101.3	100.8
2011	3155	97.4	100.5	102.9	99.3	101.0	100.3
2012	3030	97.3	100.4	102.9	99.0	101.0	100.3
2013	3138	98.8	99.6	101.5	97.4	101.6	102.2
2014	2919	98.3	100.2	102.1	98.4	101.1	101.1
2015	2773	98.4	99.9	101.7	97.9	101.3	101.0
2016	2434	98.6	100.0	101.6	97.8	101.0	101.1
2017	2095	98.2	99.9	102.2	98.8	100.4	99.8
2018	1902	98.3	99.8	102.1	99.2	100.5	99.5
2019	1801	98.3	100.1	102.2	99.3	100.4	99.6
2020	1708	97.8	100.0	102.7	99.9	99.9	99.0
2021	1529	98.1	99.8	102.3	99.3	100.9	99.9
2022	1499	98.4	99.6	102.0	99.8	100.2	99.4
2023	1351	99.3	99.0	101.1	99.9	99.9	99.4
2024	488	99.7	99.1	100.7	100.2	99.7	98.9

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Tabel: 110 Maas Rijn IJssel: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

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Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									

1980	16912	105.9	108.0	97.8	101.2	110.7	96.2	104.2	99.2	110.2
	97.4	103.6								
1981	17574	105.8	108.1	97.7	101.5	110.7	96.4	104.0	98.9	110.2
	97.4	103.7								
1982	18354	105.8	108.2	97.5	101.8	110.6	96.5	104.2	98.9	110.0
	97.7	103.9								
1983	21217	105.7	107.9	97.2	101.6	110.5	96.6	104.1	98.7	110.0
	97.6	104.2								
1984	23205	105.5	107.1	97.3	101.3	110.2	96.5	104.0	98.9	109.3
	97.6	103.7								
1985	23016	105.5	106.8	96.8	101.6	109.8	96.4	104.0	99.1	108.8
	97.2	104.2								
1986	20228	105.4	106.6	96.9	101.7	109.7	96.5	104.1	98.9	108.5
	97.3	104.0								
1987	18246	105.3	106.4	96.9	101.9	109.5	96.3	104.0	99.0	108.2
	97.0	104.0								
1988	21742	105.1	106.5	97.2	101.9	109.2	96.5	103.7	99.2	108.2
	97.4	103.4								
1989	16905	105.6	106.9	97.2	102.0	109.8	96.7	103.9	99.4	108.6
	97.7	103.7								
1990	14986	105.1	106.5	97.5	101.7	109.0	96.8	103.6	99.3	107.9
	97.8	103.3								
1991	15950	104.5	105.3	97.5	101.3	107.7	96.8	103.2	99.8	106.6
	97.6	103.0								
1992	18519	104.1	104.5	98.0	100.9	106.9	97.0	102.9	99.8	105.9
	97.9	102.5								
1993	19312	104.2	104.4	98.8	100.5	107.2	97.2	102.8	100.2	105.8
	98.6	102.0								
1994	13668	103.4	104.0	98.7	100.8	106.2	97.5	102.4	99.6	105.0
	98.6	101.7								
1995	10095	103.0	103.9	98.9	100.8	105.7	97.8	102.0	99.5	104.6
	98.9	101.4								
1996	8628	102.4	103.6	98.1	101.5	104.6	97.8	101.5	99.5	104.1
	98.4	101.7								
1997	7434	102.0	103.0	98.4	101.2	104.0	98.1	101.2	99.5	103.5
	98.4	101.5								
1998	5753	102.1	102.6	98.6	101.0	103.8	98.1	101.1	100.1	103.0
	98.7	101.2								
1999	6060	102.3	102.8	99.0	101.3	104.2	98.5	101.3	100.1	103.2
	99.4	101.1								
2000	4857	102.4	102.6	99.2	101.3	104.0	98.4	101.5	100.4	102.8
	99.9	100.5								
2001	4515	101.6	101.9	99.5	100.9	103.0	98.8	100.9	100.0	102.2
	99.9	100.3								
2002	4519	101.8	102.0	99.4	101.2	102.9	98.8	101.1	100.1	102.2
	99.6	100.8								

2003	4372	101.3	102.1	98.6	101.6	102.3	98.9	100.5	100.2	102.0
	99.0	101.0								
2004	4208	101.4	101.9	98.9	101.4	102.6	98.9	100.7	100.2	101.9
	99.4	100.9								
2005	3861	101.5	101.8	98.7	101.8	101.9	98.8	100.9	100.3	101.3
	99.3	101.1								
2006	3879	101.1	101.0	99.6	101.0	101.7	99.3	100.5	100.6	100.9
	99.9	100.2								
2007	3505	100.6	101.1	99.4	100.3	102.0	99.4	99.8	100.3	101.3
	99.3	100.0								
2008	3401	100.9	100.9	99.1	100.8	101.6	99.3	100.3	100.2	101.2
	99.1	100.4								
2009	3271	100.7	100.9	99.7	101.1	101.1	99.8	100.2	100.2	100.9
	99.9	100.2								
2010	2956	100.0	100.1	99.4	100.7	100.2	99.8	99.8	99.8	100.3
	99.5	100.1								
2011	2445	99.6	99.7	99.2	100.5	99.7	99.9	99.4	99.6	99.8
	99.4	100.0								
2012	1709	99.1	99.8	99.2	100.9	99.2	100.5	99.1	99.1	99.7
	99.6	100.2								
2013	1563	99.0	99.4	98.9	100.6	99.2	100.2	99.3	98.7	99.3
	99.1	100.0								
2014	1145	98.7	99.4	98.8	100.6	98.9	100.5	99.0	98.8	99.1
	99.2	100.1								
2015	874	98.8	99.3	98.9	100.6	98.9	100.5	99.0	99.0	99.1
	99.2	100.0								
2016	827	99.0	99.2	99.0	100.6	98.9	100.1	99.3	99.0	99.0
	98.9	100.0								
2017	670	99.0	99.2	99.0	100.6	99.1	100.1	99.5	98.8	99.1
	99.1	100.1								
2018	620	99.1	99.2	98.9	100.8	98.7	100.1	99.4	99.3	98.9
	99.0	100.1								
2019	692	99.1	98.9	99.0	100.7	98.6	100.1	99.4	99.2	98.7
	99.2	99.9								
2020	626	99.0	99.1	98.7	101.0	98.4	100.1	99.3	99.1	98.7
	99.0	100.1								
2021	535	98.8	98.5	98.8	100.5	98.2	100.2	99.2	99.1	98.4
	99.0	99.7								
2022	43	98.7	98.0	98.7	100.4	97.7	100.3	99.2	99.2	97.9
	99.2	99.7								

Tabel: 111 Maas Rijn IJssel: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	13651	95.4	95.8	102.3



1981	13300	95.9	96.3	102.5
1982	15356	95.7	96.3	102.4
1983	18744	95.8	96.2	102.5
1984	21604	95.2	95.7	102.4
1985	22632	94.9	95.3	102.2
1986	19953	95.0	95.5	102.1
1987	18399	94.5	95.1	101.8
1988	22808	94.7	95.1	102.2
1989	18170	94.8	95.2	102.3
1990	16308	94.4	95.0	102.1
1991	18031	94.3	95.0	101.9
1992	18196	94.4	95.2	101.9
1993	24533	94.3	95.2	101.9
1994	22607	94.6	95.5	101.8
1995	17432	94.9	95.8	101.9
1996	13034	95.4	96.5	101.7
1997	10386	95.7	96.8	101.5
1998	9048	95.7	96.8	101.7
1999	8426	96.2	97.2	101.8
2000	7453	96.5	97.4	102.1
2001	6446	96.5	97.5	101.9
2002	5783	97.0	97.9	101.8
2003	5714	97.0	98.0	101.3
2004	5497	96.8	97.6	101.2
2005	4966	96.7	97.6	101.1
2006	4943	96.8	97.7	101.1
2007	4777	97.4	98.1	101.7
2008	4871	97.1	97.8	101.2
2009	4793	96.7	97.6	100.4
2010	4604	97.4	98.4	100.6
2011	4477	97.4	98.4	100.4
2012	4294	97.7	98.6	100.4
2013	4488	97.8	98.6	100.6
2014	4142	98.0	98.8	100.6
2015	3935	98.4	99.1	100.6
2016	3544	98.6	99.3	100.5
2017	3124	98.8	99.6	100.6
2018	2865	98.7	99.6	100.4
2019	2651	99.3	100.0	100.6
2020	2567	99.3	100.1	100.5
2021	2525	99.3	100.2	100.6
2022	2427	99.4	100.3	100.5
2023	2326	99.4	100.2	100.4
2024	918	99.1	100.1	100.2

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Tabel: 112 Maas Rijn IJssel: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

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Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	3274	-3708.7	-13313.9	-565.6	-467.9
2002	2742	-3258.4	-11788.9	-496.0	-411.7
2003	2719	-3231.8	-11615.3	-496.1	-405.5
2004	2662	-2921.3	-10553.1	-448.7	-366.3
2005	2596	-2948.1	-10653.8	-453.6	-369.1
2006	2764	-2396.2	-8697.6	-372.5	-297.4
2007	2881	-2265.1	-8300.4	-349.1	-283.2
2008	2900	-2416.6	-8884.3	-372.4	-302.2
2009	2690	-2158.2	-7867.6	-335.0	-268.2
2010	2535	-1766.4	-6384.8	-275.1	-218.9
2011	2528	-1603.8	-5899.5	-248.3	-199.7
2012	2617	-1492.3	-5525.1	-229.7	-186.8
2013	2732	-1308.5	-4833.0	-206.3	-160.4
2014	2363	-983.7	-3595.7	-154.0	-121.3
2015	2093	-946.5	-3412.8	-147.2	-117.4
2016	1775	-619.5	-2293.9	-97.8	-75.9
2017	1426	-331.4	-1238.4	-52.6	-40.3
2018	1347	-445.8	-1792.5	-65.5	-58.0
2019	1427	-235.4	-984.5	-35.5	-30.0
2020	1317	-343.2	-1524.7	-48.0	-46.3
2021	1196	24.0	-449.4	7.7	0.2
2022	243	406.4	1013.3	66.8	47.9

Tabel: 113 Maas Rijn IJssel: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	375	89.3	94.7	100.8	88.0
1981	464	89.3	95.8	100.4	88.3
1982	408	90.0	93.8	99.5	87.1
1983	631	90.9	91.5	98.1	85.4
1984	735	92.7	90.1	99.2	86.9
1985	859	93.3	89.8	99.5	87.5
1986	695	93.5	89.9	99.6	87.9
1987	587	93.6	90.2	99.8	88.4
1988	385	93.7	89.9	99.7	88.2
1989	106	93.6	90.7	99.4	88.4
1990	178	91.6	88.9	98.0	84.5
1991	321	92.1	88.1	97.8	84.3
1992	450	92.7	88.8	98.2	85.2
1993	548	93.8	89.0	98.6	87.0
1994	293	92.1	89.7	99.0	85.8
1995	212	91.8	90.2	99.3	85.9
1996	207	92.7	91.0	98.3	86.6
1997	165	93.3	91.1	98.3	87.1

1998	167	93.1	91.2	98.4	87.1
1999	181	94.9	91.1	99.1	89.0
2000	203	94.6	90.5	99.2	88.8
2001	210	93.9	91.7	99.1	88.7
2002	205	95.0	91.9	98.7	89.6
2003	206	94.8	92.1	98.4	89.1
2004	242	94.7	91.8	98.8	89.3
2005	275	95.3	92.0	98.4	89.4
2006	276	95.4	92.7	98.3	89.9
2007	330	96.1	91.9	99.0	90.8
2008	324	95.6	91.9	98.9	90.1
2009	403	95.6	92.4	98.5	90.2
2010	411	96.0	92.8	98.8	91.1
2011	478	96.5	92.9	98.8	91.5
2012	519	96.8	93.7	98.8	92.2
2013	533	97.2	94.3	99.1	93.3
2014	488	98.0	95.1	99.0	94.3
2015	386	98.6	95.8	99.2	95.4
2016	353	98.2	97.0	98.7	95.5
2017	313	98.7	98.5	98.7	96.9
2018	267	99.3	99.9	98.8	98.4
2019	308	99.1	101.1	98.8	98.9
2020	283	101.4	102.5	98.8	101.7
2021	272	101.4	103.6	99.3	103.0
2022	77	103.0	104.3	99.4	105.0

Tabel: 114 Maas Rijn IJssel: Overige productie en efficiency kenm.  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	15917	96.3	100.7	0	0.0	0.0	0	0.0
1981	16450	96.1	100.5	0	0.0	0.0	0	0.0
1982	19883	96.0	100.8	0	0.0	0.0	0	0.0
1983	26464	95.9	100.4	0	0.0	0.0	0	0.0
1984	33990	96.2	100.4	0	0.0	0.0	0	0.0
1985	39065	96.1	100.2	36063	-4.5	174.4	0	0.0
1986	36129	95.9	100.0	26396	-4.3	159.8	0	0.0
1987	34320	95.6	99.8	20256	-4.1	135.3	0	0.0
1988	44035	95.2	99.2	21443	-3.8	116.0	0	0.0
1989	32013	95.0	98.9	13582	-3.7	107.1	0	0.0
1990	23405	95.1	99.0	9654	-3.6	107.1	0	0.0
1991	19904	95.1	98.9	8482	-3.4	106.8	0	0.0
1992	18842	95.4	99.0	7788	-3.3	107.4	0	0.0
1993	18751	95.7	99.4	7070	-3.1	108.1	0	0.0
1994	12675	95.7	99.1	4568	-2.9	92.1	0	0.0
1995	9165	96.3	99.2	3224	-2.8	82.8	0	0.0
1996	6305	96.5	99.6	2347	-2.5	66.5	0	0.0

1997	4585	96.3	99.0	1647	-2.3	59.1	0	0.0
1998	3911	96.2	99.2	1487	-2.3	64.4	0	0.0
1999	3627	96.2	98.7	1432	-2.2	61.0	0	0.0
2000	3396	96.5	98.8	1339	-2.0	61.3	0	0.0
2001	3276	96.7	99.0	1296	-1.9	58.7	1278	96.9
2002	2735	96.7	99.1	1156	-1.6	54.4	1151	97.0
2003	2722	96.5	98.8	1143	-1.6	42.2	1143	97.9
2004	2661	96.7	98.9	1136	-1.5	41.9	1135	97.8
2005	2592	96.3	98.4	1152	-1.3	31.7	1149	98.6
2006	2762	96.7	98.4	1179	-1.2	37.5	1173	97.8
2007	2880	96.7	98.5	1150	-1.2	36.7	1147	97.9
2008	2895	96.7	98.0	1108	-0.9	22.9	1090	98.9
2009	2687	96.9	97.8	1119	-0.8	20.7	1104	98.9
2010	2525	96.9	98.1	1137	-0.7	21.7	1121	98.8
2011	2520	97.0	98.2	1142	-0.5	12.8	1128	99.4
2012	2604	97.2	98.5	1188	-0.4	6.6	1167	99.9
2013	2717	96.9	98.6	1217	-0.3	7.5	1170	99.6
2014	2346	97.4	98.5	1051	-0.1	2.2	1004	100.0
2015	2066	97.5	98.5	950	-0.2	2.4	866	100.0
2016	1757	97.3	98.6	936	-0.1	-1.0	831	100.2
2017	1422	97.5	99.0	768	0.0	-2.5	666	100.3
2018	1344	97.5	98.8	703	0.0	-1.4	627	100.2
2019	1425	97.6	99.2	776	-0.0	0.7	695	100.0
2020	1309	97.8	99.0	708	0.0	-0.6	630	100.1
2021	1186	98.2	99.4	612	0.2	-1.5	540	99.8
2022	227	97.6	99.1	246	0.3	-6.1	44	99.0
2023	0	0.0	0.0	194	0.4	-12.6	0	0.0
2024	0	0.0	0.0	44	0.6	-17.8	0	0.0

Tabel: 115 Maas Rijn IJssel: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	2365	99.9	0	0.0	0	0.0	2365	96.7
1981	2067	99.8	0	0.0	0	0.0	2067	96.7
1982	2400	99.9	0	0.0	0	0.0	2400	96.8
1983	3080	99.9	0	0.0	0	0.0	3080	96.7
1984	3602	99.9	0	0.0	0	0.0	3602	96.0
1985	3679	99.9	0	0.0	0	0.0	3679	96.0
1986	3036	99.9	1	104.0	1	101.0	3036	96.0
1987	2471	99.9	0	0.0	0	0.0	2471	95.7
1988	2899	99.8	0	0.0	0	0.0	2899	95.3
1989	1919	99.8	0	0.0	0	0.0	1919	95.7
1990	1485	99.9	1	104.0	0	0.0	1485	96.1
1991	1597	99.9	1	101.0	0	0.0	1597	96.3
1992	1759	99.9	0	0.0	0	0.0	1759	96.2
1993	1841	99.8	0	0.0	0	0.0	1841	95.4

1994	1230	99.8	0	0.0	0	0.0	1230	95.5
1995	976	99.8	3	103.0	3	99.7	976	95.6
1996	821	99.9	3	103.3	1	97.0	821	96.4
1997	735	99.9	2	102.0	1	101.0	735	96.4
1998	771	100.0	1	103.0	0	0.0	771	96.5
1999	784	99.9	0	0.0	0	0.0	784	96.3
2000	819	99.9	6	103.7	2	100.5	819	96.1
2001	902	99.9	4	103.8	1	100.0	902	96.0
2002	854	99.8	5	101.2	2	98.0	854	95.9
2003	987	99.9	12	101.8	7	98.0	987	96.2
2004	1096	99.9	11	101.8	2	96.5	1096	96.6
2005	1204	99.9	9	102.4	2	100.5	1204	96.8
2006	1425	99.9	13	103.5	8	98.5	1425	96.9
2007	1652	99.9	19	102.5	22	98.3	1652	97.1
2008	1851	99.9	17	102.7	8	97.6	1851	97.6
2009	2096	99.9	25	101.5	18	98.7	2096	97.7
2010	2225	99.9	30	102.7	41	98.5	2225	97.3
2011	2226	99.9	27	102.2	47	98.7	2226	97.7
2012	2331	99.9	25	102.5	32	98.6	2331	98.4
2013	2426	99.9	16	102.9	49	98.8	2426	99.0
2014	2098	99.9	10	102.8	15	99.1	2098	98.7
2015	1838	99.9	10	103.4	12	98.3	1838	99.0
2016	1571	100.0	15	102.6	7	98.6	1571	99.3
2017	1279	100.0	5	101.6	2	100.0	1279	99.3
2018	1189	100.0	4	102.0	9	99.4	1189	99.6
2019	1270	100.0	0	0.0	9	99.2	1270	99.8
2020	1177	100.0	0	0.0	6	99.0	1177	99.9
2021	1096	100.0	0	0.0	7	99.9	1096	100.2
2022	248	100.0	0	0.0	0	0.0	248	100.3

Tabel: 116 Maas Rijn IJssel: Reproductiestoornissen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1984	149	97.7	96.5	97.0	98.3	98.5	98.2
1985	229	97.6	96.4	97.0	98.2	98.5	98.2
1986	180	97.8	96.6	97.2	98.4	98.6	98.3
1987	155	98.1	97.0	97.4	98.7	98.7	98.5
1988	107	98.0	96.9	97.4	98.6	98.7	98.5
1989	25	100.1	99.0	99.0	100.2	99.9	99.9
1990	34	98.1	97.3	97.6	98.7	98.4	98.4
1991	52	97.7	97.0	97.5	98.4	97.9	97.4
1992	28	97.8	97.0	97.6	98.5	98.1	97.9
1993	153	101.5	100.8	100.6	101.4	100.7	100.8
1994	132	99.6	98.6	98.8	99.7	99.7	99.9
1995	119	99.8	98.4	99.0	99.9	99.8	100.4
1996	104	100.1	98.7	99.5	100.3	99.9	100.5

1997	82	99.7	98.4	99.2	99.9	99.7	100.2
1998	82	100.3	98.9	99.8	100.2	100.2	100.8
1999	87	100.6	99.3	100.0	100.7	100.2	100.6
2000	88	100.1	99.0	99.3	100.1	100.0	100.3
2001	119	100.4	99.1	99.7	100.4	100.3	100.7
2002	98	100.2	99.1	99.6	100.4	99.9	100.1
2003	103	99.8	98.3	99.0	100.2	99.7	99.9
2004	137	100.0	98.5	99.3	100.4	99.8	100.4
2005	155	100.1	98.6	99.5	100.5	99.9	100.2
2006	175	101.5	100.1	100.9	101.4	100.8	101.4
2007	202	101.3	99.9	100.6	101.5	100.4	101.1
2008	227	101.5	100.0	100.8	101.7	100.4	101.3
2009	223	101.1	99.5	100.5	101.4	100.3	100.8
2010	219	100.7	99.1	100.0	101.1	100.1	100.6
2011	213	100.7	99.0	100.0	101.0	100.2	100.9
2012	211	100.3	98.7	99.7	100.6	100.0	100.5
2013	163	100.7	99.3	99.9	101.1	99.7	100.5
2014	132	99.9	98.4	99.2	100.4	99.5	99.9
2015	146	101.3	100.1	100.7	101.4	100.5	100.7
2016	118	101.3	100.1	100.5	101.4	100.2	100.6
2017	73	100.8	99.8	100.1	100.9	100.1	100.1
2018	98	100.5	99.4	99.8	100.7	99.8	99.8
2019	72	99.8	98.8	99.1	100.0	99.5	99.4
2020	51	99.5	98.6	98.9	99.8	99.0	98.6
2021	36	100.2	99.3	99.6	100.4	99.9	99.7

Tabel: 117 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	36	-2310.3	-93.8	-93.6	-104.2	16.6	-18.0	1.6	-683.9
1981	63	-2440.6	-98.7	-97.5	-110.1	19.0	-16.7	1.7	-715.2
1982	213	-2329.9	-96.9	-93.7	-105.1	13.1	-16.8	1.7	-693.8
1983	381	-2310.8	-95.6	-93.5	-104.2	13.8	-17.5	1.6	-688.9
1984	795	-2278.1	-93.0	-91.7	-102.7	15.9	-16.3	1.7	-673.3
1985	1958	-2391.2	-91.6	-93.5	-107.9	27.5	-12.6	1.6	-677.1
1986	3432	-2395.0	-93.9	-93.4	-108.1	24.0	-12.0	1.7	-683.3
1987	5234	-2439.8	-96.8	-94.1	-110.1	22.8	-10.4	1.7	-695.0
1988	8885	-2453.0	-95.2	-93.4	-110.7	27.0	-8.2	1.7	-687.3
1989	10835	-2396.4	-93.3	-91.2	-108.2	25.9	-7.8	1.7	-672.3
1990	15633	-2373.6	-93.7	-90.4	-107.1	23.1	-7.9	1.7	-669.9
1991	22467	-2305.4	-89.2	-85.5	-104.0	25.0	-3.9	1.7	-635.5
1992	25334	-2248.2	-89.4	-84.2	-101.4	20.0	-5.1	1.6	-630.1
1993	24801	-2189.6	-89.5	-81.9	-98.7	15.2	-4.8	1.6	-621.0
1994	32033	-2047.2	-77.0	-75.1	-92.2	24.6	-1.9	1.6	-553.9
1995	35779	-1997.1	-73.6	-73.1	-89.9	26.5	-1.7	1.6	-535.2
1996	33711	-1896.4	-69.8	-69.8	-85.3	24.9	-2.1	1.6	-509.7

1997	32870	-1801.9	-67.0	-66.3	-81.0	22.4	-1.9	1.6	-486.1
1998	31009	-1755.5	-64.4	-64.0	-78.9	23.1	-1.0	1.6	-468.7
1999	27023	-1681.6	-60.6	-61.7	-75.5	23.5	-1.4	1.6	-447.0
2000	20339	-1562.7	-58.7	-59.1	-70.1	18.1	-3.9	1.6	-430.1
2001	17492	-1417.9	-57.2	-53.8	-64.3	10.6	-3.7	0.5	-403.0
2002	12300	-1328.3	-54.1	-51.6	-60.5	9.1	-5.1	0.1	-384.4
2003	12066	-1240.5	-46.3	-46.7	-57.6	14.2	-2.6	-1.5	-339.9
2004	11104	-1137.3	-39.4	-42.2	-52.9	17.1	-1.4	-1.6	-300.0
2005	8745	-1073.3	-37.4	-39.3	-50.0	16.1	-0.4	-1.5	-281.2
2006	8138	-1011.8	-36.6	-37.1	-46.9	13.3	-0.4	-1.2	-269.2
2007	7018	-963.4	-33.3	-34.6	-44.8	14.6	0.6	-1.3	-248.8
2008	6461	-905.4	-33.1	-32.6	-42.1	11.2	0.6	-1.2	-239.4
2009	5398	-904.1	-35.0	-32.7	-41.4	8.5	0.2	-0.3	-245.8
2010	4629	-826.9	-33.2	-29.8	-38.2	6.1	0.4	-0.7	-228.0
2011	4257	-770.4	-31.1	-27.8	-35.4	5.6	0.4	-0.3	-213.0
2012	4150	-719.5	-29.8	-26.2	-33.0	4.3	0.1	-0.3	-202.0
2013	3869	-693.1	-28.8	-24.6	-31.9	4.0	1.0	-0.4	-192.2
2014	3345	-634.2	-28.5	-22.4	-29.2	0.9	1.1	-0.4	-181.8
2015	2654	-634.8	-27.9	-21.0	-28.7	1.9	3.1	0.3	-174.1
2016	2405	-581.0	-25.3	-19.1	-25.9	2.2	3.1	0.7	-158.0
2017	1983	-511.7	-23.5	-16.5	-22.7	0.5	3.2	0.8	-141.3
2018	1614	-447.4	-19.2	-13.8	-19.6	2.4	3.7	1.0	-117.1
2019	1384	-406.7	-15.1	-11.4	-18.2	5.2	4.9	0.3	-94.4
2020	1319	-388.3	-11.9	-10.1	-17.4	8.2	5.7	0.3	-79.1
2021	1193	-294.5	-4.5	-5.8	-12.6	11.8	6.7	1.0	-38.4
2022	301	-242.8	-2.4	-4.2	-9.8	11.6	6.3	1.7	-25.1

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 118 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	36	88.3	93.8	89.2	87.8	102.8	98.2	95.2
1981	69	87.1	92.7	88.4	87.4	102.5	98.3	95.0
1982	251	87.2	94.0	89.2	88.1	102.6	98.5	95.7
1983	418	87.4	94.3	89.3	88.0	102.8	98.6	95.5
1984	785	86.8	94.2	89.2	87.9	102.5	98.5	94.9
1985	1577	86.3	93.7	88.7	87.0	102.8	98.3	93.5
1986	2481	86.3	93.9	89.1	87.5	102.8	97.7	93.6
1987	3533	86.5	94.8	89.2	87.7	103.3	98.3	94.7
1988	5085	86.3	94.8	89.2	87.5	103.4	98.4	94.7
1989	5591	86.7	95.1	89.5	87.7	103.2	98.4	94.6
1990	8451	86.9	95.4	89.4	87.5	103.4	98.6	95.2
1991	13245	87.6	95.4	89.8	87.8	103.1	98.6	95.7
1992	15474	87.6	95.6	89.8	87.6	103.3	98.6	96.0
1993	13970	88.0	96.2	90.0	87.7	103.4	98.7	96.4
1994	18273	88.2	98.4	92.3	89.0	104.2	99.1	97.4

1995	20385	88.5	98.7	93.4	90.2	103.6	99.8	97.1
1996	19015	89.1	98.4	94.0	90.8	103.2	99.6	97.9
1997	18996	89.5	98.4	94.4	91.3	103.0	99.9	97.2
1998	17453	90.0	98.4	94.7	91.5	102.8	99.7	97.0
1999	15184	90.1	98.5	94.8	91.7	102.5	99.5	97.1
2000	11038	91.0	98.2	94.6	91.6	102.4	99.7	97.1
2001	9240	91.3	98.3	94.5	91.7	102.3	99.9	96.6
2002	6391	92.0	99.1	95.5	92.7	102.4	99.6	97.0
2003	6346	92.5	99.7	96.5	93.6	102.2	100.4	96.5
2004	5931	92.6	100.6	97.3	94.3	102.3	100.8	96.5
2005	4570	92.6	100.0	96.9	93.9	101.7	100.8	96.6
2006	4059	92.8	100.2	96.9	93.9	101.7	100.9	96.5
2007	3359	93.1	100.2	97.1	94.3	101.5	101.0	96.3
2008	3030	93.4	99.8	97.1	94.5	101.2	101.2	96.3
2009	2476	94.3	99.8	97.2	94.4	101.4	101.2	96.6
2010	2132	94.6	99.3	97.0	94.4	101.0	101.1	97.4
2011	1929	94.9	99.3	97.2	94.6	100.9	101.0	97.2
2012	1755	94.7	99.4	97.1	94.5	101.1	101.2	97.4
2013	1589	94.9	99.4	97.3	94.6	100.8	100.9	97.8
2014	1250	95.2	99.5	97.4	94.8	101.0	100.7	98.1
2015	977	95.6	99.8	97.4	94.6	101.1	101.1	98.3
2016	904	95.6	100.5	97.7	94.9	101.8	101.8	98.5
2017	720	96.2	101.1	97.5	95.2	102.3	102.3	98.7
2018	559	97.0	100.9	97.8	95.8	102.1	101.9	99.0
2019	418	96.7	101.1	97.3	95.5	102.4	101.5	99.0
2020	382	96.5	101.0	97.2	95.4	102.3	101.1	99.1
2021	276	97.0	102.0	97.7	96.1	102.8	101.2	99.0
2022	34	96.9	101.8	98.4	96.2	102.6	101.7	99.7

Tabel: 119 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	36	88.4	102.6	96.6	91.1	87.4
1981	69	87.5	101.7	97.0	90.7	86.8
1982	251	87.6	102.8	96.3	91.0	86.7
1983	418	87.9	103.1	96.0	91.4	86.9
1984	785	87.6	103.5	95.5	92.1	86.9
1985	1577	88.4	101.9	96.5	92.7	87.7
1986	2481	88.2	102.9	95.8	92.7	87.4
1987	3533	89.2	102.8	95.5	92.8	88.6
1988	5085	89.7	102.5	95.7	93.1	89.0
1989	5591	89.7	102.9	95.7	93.4	88.9
1990	8451	89.8	102.8	95.5	93.3	88.9
1991	13245	89.9	103.5	95.2	93.1	89.0
1992	15474	90.0	103.4	95.2	93.3	89.2
1993	13970	90.2	103.7	95.1	93.5	89.5



1994	18273	89.1	103.7	93.9	93.5	89.0
1995	20385	88.9	104.0	93.7	93.8	89.1
1996	19015	90.0	104.5	93.7	94.1	89.9
1997	18996	90.7	104.8	93.7	94.3	90.5
1998	17453	91.1	105.5	93.5	94.5	90.7
1999	15184	91.6	104.9	93.7	94.8	91.3
2000	11038	92.4	104.5	94.6	95.5	92.0
2001	9240	92.2	104.2	95.5	95.6	92.0
2002	6391	92.4	103.6	96.5	96.0	92.1
2003	6346	93.0	103.0	96.5	97.0	93.2
2004	5931	93.4	103.0	96.4	97.6	94.0
2005	4570	93.5	103.1	95.8	97.3	94.3
2006	4059	94.0	102.6	96.2	98.0	94.8
2007	3359	94.2	102.1	96.6	98.3	95.2
2008	3030	94.0	102.2	96.5	98.0	95.0
2009	2476	94.3	101.9	97.3	98.1	95.3
2010	2132	95.0	101.7	97.7	98.0	95.8
2011	1929	95.8	101.8	98.2	98.3	96.7
2012	1755	96.0	102.0	98.0	98.5	97.1
2013	1589	96.2	101.9	98.2	98.7	97.2
2014	1250	96.3	101.7	98.4	98.8	97.3
2015	977	96.4	101.6	98.6	98.6	97.4
2016	904	96.7	101.4	98.8	99.0	97.7
2017	720	97.1	101.1	99.3	99.9	98.0
2018	559	97.8	100.8	99.8	99.8	98.3
2019	418	98.4	101.0	99.6	100.6	98.9
2020	382	98.6	101.2	99.5	100.5	99.2
2021	276	99.7	101.4	99.8	101.7	100.4
2022	34	99.4	102.8	98.7	100.9	100.2

Tabel: 120 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1980	36	88.9	86.9	100.3	91.6	86.1	89.4	87.7
93.0								
1981	69	88.7	86.5	99.5	91.8	86.4	90.5	88.3
93.1								
1982	251	87.8	86.4	100.0	90.7	85.7	89.7	87.8
92.9								
1983	418	87.6	86.1	100.6	90.4	85.6	89.8	87.7
92.7								
1984	785	87.6	86.4	100.8	90.2	86.4	90.8	88.7
92.9								
1985	1577	88.5	87.1	100.8	90.6	86.8	91.6	89.4
92.5								

1986	2481	88.7	87.1	100.7	90.4	86.7	91.0	89.0
92.2								
1987	3533	88.1	87.5	101.2	89.9	86.3	90.7	89.0
92.5								
1988	5085	88.0	87.7	101.8	89.7	86.4	90.4	88.9
92.8								
1989	5591	88.0	87.8	101.6	89.7	86.4	90.2	88.7
92.6								
1990	8451	87.8	87.7	101.9	89.7	86.3	90.6	88.9
92.8								
1991	13245	88.5	87.6	101.3	90.2	86.4	90.0	88.6
92.0								
1992	15474	88.5	87.9	101.0	90.3	86.5	90.1	88.9
92.3								
1993	13970	88.5	88.4	100.6	90.3	86.3	90.2	89.0
92.0								
1994	18273	88.3	89.7	100.5	89.1	85.6	91.3	90.4
90.7								
1995	20385	88.8	90.0	100.0	88.8	85.8	91.5	90.5
90.6								
1996	19015	88.5	90.3	100.1	88.8	86.1	91.7	90.8
91.0								
1997	18996	88.6	90.4	100.1	89.0	86.8	92.0	90.6
91.4								
1998	17453	88.3	90.5	100.2	88.9	87.1	92.3	91.1
91.8								
1999	15184	88.8	91.5	100.0	89.3	88.2	93.2	92.2
92.5								
2000	11038	89.8	92.2	100.4	90.5	89.0	93.9	93.2
93.3								
2001	9240	90.2	91.7	100.2	90.7	89.3	93.4	92.4
92.7								
2002	6391	90.4	92.0	99.8	90.7	89.2	93.7	92.7
92.9								
2003	6346	90.9	92.9	99.5	91.2	89.8	94.0	93.0
93.4								
2004	5931	91.0	93.7	99.6	90.8	90.1	94.4	93.7
93.5								
2005	4570	91.0	93.9	100.1	91.0	90.6	94.7	94.0
94.1								
2006	4059	91.5	94.2	100.1	91.3	90.8	94.6	94.1
94.0								
2007	3359	91.6	94.6	99.8	91.6	91.3	95.0	94.5
94.3								
2008	3030	91.7	94.9	99.6	91.9	91.6	95.3	94.9
94.6								
2009	2476	92.1	95.1	99.5	92.8	91.8	95.6	95.2
94.9								
2010	2132	92.4	95.3	99.7	93.3	92.4	96.1	95.9
95.2								

2011	1929	92.7	95.8	99.8	93.5	92.8	96.5	96.6
95.1								
2012	1755	93.1	95.8	100.2	93.7	93.1	96.8	96.8
95.5								
2013	1589	93.4	96.0	100.3	94.0	93.2	96.9	97.1
95.4								
2014	1250	94.0	96.1	100.8	94.6	93.7	97.2	97.3
96.0								
2015	977	94.3	96.7	100.6	95.1	94.0	97.6	97.7
96.2								
2016	904	94.4	96.6	100.4	95.3	93.9	97.6	97.5
96.2								
2017	720	94.8	96.9	100.4	95.8	94.2	97.7	97.6
96.4								
2018	559	95.9	97.7	100.1	96.7	95.3	98.2	98.1
97.0								
2019	418	96.3	97.6	100.1	97.1	95.7	97.8	97.8
97.3								
2020	382	96.1	97.1	100.2	97.0	95.4	97.6	97.8
97.0								
2021	276	96.5	97.1	101.3	97.1	95.8	97.9	97.8
97.8								
2022	34	96.3	97.0	100.9	97.1	95.2	97.6	97.3
97.3								

Tabel: 121 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken  
bovenbalk

Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	36	88.8	89.9	85.0	86.7	0.0	80.2
1981	69	87.8	89.1	85.3	85.8	0.0	79.3
1982	251	88.4	90.3	84.1	85.8	0.0	79.1
1983	418	88.3	90.5	83.9	86.0	0.0	79.1
1984	785	87.5	90.1	84.5	85.6	0.0	78.9
1985	1577	86.7	89.1	85.5	86.4	0.0	79.4
1986	2481	86.7	89.6	85.3	86.0	0.0	79.3
1987	3533	87.2	90.5	84.7	87.4	0.0	79.9
1988	5085	87.1	90.5	84.6	87.9	0.0	80.1
1989	5591	87.3	90.6	84.6	87.7	0.0	80.1
1990	8451	87.5	90.8	84.5	87.7	0.0	80.2
1991	13245	88.4	90.9	84.9	87.8	0.0	80.7
1992	15474	88.4	91.1	85.0	88.0	0.0	80.8
1993	13970	88.7	91.5	85.0	88.2	0.0	81.1
1994	18273	90.1	94.1	84.7	87.5	0.0	81.4
1995	20385	90.8	94.8	85.0	87.5	0.0	81.9
1996	19015	91.9	95.3	85.1	88.3	0.0	82.7

1997	18996	92.2	95.4	85.6	88.7	0.0	83.3
1998	17453	92.7	95.4	85.5	89.0	0.0	83.6
1999	15184	92.7	95.4	86.5	89.6	0.0	84.5
2000	11038	93.5	95.2	87.7	90.6	0.0	85.9
2001	9240	93.6	95.1	88.0	90.7	0.0	86.1
2002	6391	94.5	96.1	88.2	91.2	0.0	86.8
2003	6346	95.2	96.7	88.9	92.2	0.0	88.0
2004	5931	95.6	97.3	89.1	92.8	0.0	88.7
2005	4570	95.6	96.7	89.3	93.0	0.0	88.8
2006	4059	95.7	96.7	89.7	93.6	0.0	89.4
2007	3359	96.0	96.9	90.1	94.1	0.0	89.9
2008	3030	96.3	96.7	90.4	93.8	0.0	90.0
2009	2476	97.0	96.8	90.8	94.3	0.0	90.8
2010	2132	97.5	96.7	91.3	94.9	0.0	91.5
2011	1929	97.6	96.8	91.7	95.9	0.0	92.2
2012	1755	97.7	96.9	92.0	96.2	0.0	92.6
2013	1589	97.8	96.9	92.2	96.3	0.0	92.8
2014	1250	98.3	97.3	92.9	96.5	0.0	93.4
2015	977	98.6	97.3	93.3	96.6	0.0	93.8
2016	904	98.5	98.0	93.3	97.0	0.0	94.1
2017	720	98.7	98.4	93.8	97.3	0.0	94.7
2018	559	99.3	98.8	95.1	97.8	0.0	95.9
2019	418	99.0	98.7	95.4	98.4	0.0	96.2
2020	382	98.9	98.5	95.1	98.6	0.0	96.1
2021	276	99.1	99.2	95.6	99.9	0.0	97.2
2022	34	99.9	99.4	95.3	99.5	0.0	97.2

Tabel: 122 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	49	101.6	101.4	98.6	99.7	98.7	99.8	87.0	99.8
1981	99	101.7	101.7	98.9	100.0	99.0	99.5	85.4	100.2
1982	376	101.5	101.6	98.7	99.9	98.6	99.0	85.8	100.0
1983	682	101.3	101.5	98.5	99.7	98.4	99.0	85.8	99.9
1984	1283	101.4	101.3	98.6	99.7	98.6	99.3	85.4	99.8
1985	2818	102.1	101.5	99.1	100.2	99.3	99.7	84.1	100.2

1986	4718	102.0	101.1	98.8	99.9	99.0	99.8	84.6	99.8
99.4									
1987	6925	102.9	101.2	99.4	100.3	99.6	100.0	84.6	100.3
99.9									
1988	10280	103.2	101.0	99.4	100.2	99.8	99.9	84.4	100.1
99.9									
1989	12251	102.7	100.7	99.0	99.7	99.3	99.8	84.5	99.8
99.5									
1990	17532	102.8	100.8	99.1	99.9	99.4	100.1	84.4	99.9
99.7									
1991	25977	103.0	100.0	98.9	99.3	99.4	99.9	86.0	99.4
99.4									
1992	29545	103.0	100.0	98.9	99.2	99.3	99.8	86.1	99.3
99.3									
1993	28376	103.1	100.2	99.1	99.6	99.6	99.7	86.4	99.6
99.5									
1994	37549	102.3	99.9	98.5	99.0	98.8	99.7	87.1	99.0
99.0									
1995	41553	101.8	99.7	98.0	98.5	98.2	99.1	87.3	98.6
98.4									
1996	39468	101.4	99.1	97.6	97.8	97.8	98.9	87.7	98.0
97.9									
1997	38552	101.0	98.8	97.2	97.3	97.4	99.2	88.3	97.6
97.7									
1998	36842	101.1	98.9	97.3	97.5	97.6	99.3	88.7	97.8
97.8									
1999	31512	100.7	98.6	96.9	97.0	97.1	99.1	88.9	97.3
97.3									
2000	22987	100.9	98.1	96.8	96.8	97.2	99.1	89.4	97.0
97.3									
2001	19749	100.7	98.4	97.0	97.1	97.4	98.7	89.6	97.3
97.4									
2002	14275	100.0	98.7	96.7	96.9	96.9	98.4	90.7	97.3
97.1									
2003	14118	99.0	98.6	96.0	96.3	96.1	98.4	92.2	96.8
96.5									
2004	12918	98.6	98.6	95.7	96.0	95.7	98.1	92.6	96.6
96.2									
2005	9942	98.7	98.7	95.9	96.2	96.0	98.2	92.1	96.8
96.5									
2006	9163	98.6	98.6	95.8	96.1	96.0	98.5	92.5	96.7
96.4									
2007	8212	98.2	98.8	95.7	96.1	95.8	98.3	93.3	96.7
96.3									
2008	7749	98.7	98.5	95.9	96.1	96.2	98.6	93.4	96.7
96.6									
2009	6447	98.8	98.8	96.2	96.4	96.4	98.5	93.9	97.0
96.8									
2010	5440	99.3	98.4	96.3	96.4	96.8	98.6	93.7	96.9
96.9									

2011	5055	99.0	98.4	96.1	96.3	96.7	98.5	94.3	96.8
96.8									
2012	4944	98.9	98.4	96.1	96.3	96.7	98.8	93.9	96.8
96.8									
2013	4605	99.1	98.4	96.3	96.5	96.9	98.9	94.0	96.9
97.0									
2014	3984	99.5	98.8	97.0	97.2	97.5	98.8	94.0	97.5
97.5									
2015	3321	99.6	99.3	97.4	97.7	98.0	98.9	94.1	98.0
98.0									
2016	2984	99.6	99.5	97.8	98.1	98.3	98.7	94.9	98.3
98.2									
2017	2373	100.0	99.7	98.3	98.5	98.8	98.3	95.0	98.8
98.5									
2018	1961	100.3	100.0	98.9	99.0	99.4	98.6	95.5	99.3
99.1									
2019	1715	100.2	100.4	99.2	99.5	99.6	99.0	95.8	99.7
99.5									
2020	1623	100.2	100.3	99.2	99.4	99.7	98.9	95.7	99.7
99.4									
2021	1429	99.8	100.5	99.2	99.6	99.6	98.9	96.1	99.8
99.5									
2022	723	100.0	100.6	99.5	99.8	99.9	99.2	96.4	100.0
99.7									

Tabel: 123 MRIJ - Holstein Friesian roodbont: Gebruikskennmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	28	98.1	97.2	95.3	97.0	101.2
1981	39	97.7	96.8	95.2	97.4	101.4
1982	136	98.6	96.1	94.8	96.5	100.4
1983	224	98.3	96.1	95.0	96.7	100.8
1984	393	98.0	94.8	94.8	96.7	100.7
1985	800	97.8	94.5	94.8	96.6	100.8
1986	1316	97.7	95.2	94.5	96.2	100.4
1987	1971	97.6	95.3	94.4	96.0	100.4
1988	2954	97.2	95.6	94.5	96.1	100.6
1989	3404	97.4	95.8	94.4	95.8	100.3
1990	5569	97.5	95.7	94.2	95.3	99.9
1991	10959	98.4	96.6	94.6	95.9	99.8
1992	15272	98.4	96.6	94.8	96.0	99.8
1993	13687	98.6	96.9	95.1	96.6	100.3
1994	17666	98.7	95.9	94.9	95.8	99.9
1995	19435	98.9	96.1	94.5	95.0	99.8
1996	18071	98.9	96.1	94.4	94.7	99.6

1997	18012	98.7	96.6	94.3	94.7	99.1
1998	16401	98.7	95.7	94.6	95.1	98.8
1999	14147	98.5	95.9	94.5	94.8	98.2
2000	10349	98.4	95.3	94.8	95.2	98.5
2001	8714	98.5	95.5	94.7	94.9	98.1
2002	6133	98.4	95.3	94.4	94.4	98.0
2003	6012	98.5	96.1	94.6	94.4	97.8
2004	5621	98.4	96.1	94.7	94.4	97.3
2005	4267	98.4	96.0	95.1	94.8	97.4
2006	3702	98.5	96.7	95.3	95.0	97.7
2007	3094	98.4	96.7	95.5	95.1	97.7
2008	2751	98.6	96.7	95.4	94.8	97.5
2009	2218	98.2	96.6	95.7	95.3	98.0
2010	1946	98.2	96.8	95.7	95.2	97.8
2011	1753	98.4	96.9	96.2	95.7	98.0
2012	1537	98.4	97.0	96.7	96.1	98.0
2013	1395	98.8	97.5	96.6	96.0	98.0
2014	1050	98.7	98.1	97.0	96.3	98.0
2015	832	98.9	97.8	97.3	96.6	98.4
2016	763	99.1	98.1	97.9	97.3	99.1
2017	601	99.2	98.2	98.2	97.5	99.2
2018	514	99.5	98.8	98.8	98.0	99.3
2019	383	99.4	99.1	99.1	98.2	99.6
2020	369	99.5	99.2	99.0	98.2	99.6
2021	270	99.2	99.4	99.6	98.9	99.9
2022	32	98.9	99.6	99.8	99.2	100.0

Tabel: 124 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken

Basis: Melkdoel rood

Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	36	-328.6	-683.9	-345.5	99.2	99.3	85.0	86.7	94.9
0.0									
1981	63	-334.6	-715.2	-332.7	99.7	99.6	85.3	85.8	95.3
0.0									
1982	213	-341.5	-693.8	-377.5	98.6	99.2	84.1	85.8	95.2
0.0									
1983	381	-342.9	-688.9	-427.9	98.9	99.1	83.9	86.0	95.2
0.0									
1984	795	-345.7	-673.3	-540.0	98.9	99.1	84.5	85.6	95.3
0.0									
1985	1958	-287.6	-677.1	-619.4	98.9	99.7	85.5	86.4	96.3
251.4									

1986	3432	-304.9	-683.3	-693.1	98.4	99.4	85.3	86.0	95.8
232.5									
1987	5234	-317.5	-695.0	-769.7	98.3	99.9	84.7	87.4	95.6
201.9									
1988	8885	-318.4	-687.3	-805.6	98.5	99.9	84.6	87.9	95.5
180.9									
1989	10835	-317.4	-672.3	-798.7	98.1	99.5	84.6	87.7	95.4
170.1									
1990	15633	-322.4	-669.9	-806.5	97.7	99.7	84.5	87.7	95.0
162.6									
1991	22467	-318.5	-635.5	-786.2	97.9	99.4	84.9	87.8	94.8
154.8									
1992	25334	-316.4	-630.1	-758.3	97.9	99.3	85.0	88.0	94.7
149.5									
1993	24801	-307.7	-621.0	-733.2	98.6	99.5	85.0	88.2	95.2
139.1									
1994	32033	-304.3	-553.9	-742.4	97.9	99.0	84.7	87.5	95.3
106.8									
1995	35779	-305.2	-535.2	-723.7	97.5	98.4	85.0	87.5	95.4
104.0									
1996	33711	-300.2	-509.7	-694.8	97.2	97.9	85.1	88.3	95.5
99.1									
1997	32870	-295.3	-486.1	-670.7	96.9	97.7	85.6	88.7	95.6
97.2									
1998	31009	-290.3	-468.7	-680.2	96.9	97.8	85.5	89.0	95.5
94.6									
1999	27023	-281.8	-447.0	-653.9	96.4	97.3	86.5	89.6	96.0
93.1									
2000	20339	-267.0	-430.1	-598.8	96.7	97.3	87.7	90.6	96.1
91.1									
2001	17492	-255.3	-403.0	-544.0	96.4	97.4	88.0	90.7	96.1
86.9									
2002	12300	-254.6	-384.4	-539.3	96.1	97.1	88.2	91.2	95.7
74.3									
2003	12066	-240.4	-339.9	-498.2	95.9	96.5	88.9	92.2	94.9
64.0									
2004	11104	-229.5	-300.0	-486.4	95.6	96.2	89.1	92.8	94.6
54.2									
2005	8745	-213.1	-281.2	-453.3	95.9	96.5	89.3	93.0	95.0
60.3									
2006	8138	-202.1	-269.2	-411.5	96.1	96.4	89.7	93.6	95.0
58.0									
2007	7018	-191.1	-248.8	-383.5	96.1	96.3	90.1	94.1	94.8
57.0									
2008	6461	-185.3	-239.4	-366.5	95.9	96.6	90.4	93.8	95.4
59.2									
2009	5398	-180.7	-245.8	-339.4	96.5	96.8	90.8	94.3	95.3
54.4									
2010	4629	-171.9	-228.0	-326.1	96.3	96.9	91.3	94.9	95.8
53.7									



2011	4257	-160.1	-213.0	-302.0	96.6	96.8	91.7	95.9	95.9
53.4									
2012	4150	-150.0	-202.0	-282.1	96.9	96.8	92.0	96.2	96.2
50.2									
2013	3869	-142.7	-192.2	-259.7	96.8	97.0	92.2	96.3	96.5
50.2									
2014	3345	-130.6	-181.8	-233.8	97.0	97.5	92.9	96.5	97.0
43.0									
2015	2654	-120.2	-174.1	-223.9	97.3	98.0	93.3	96.6	97.2
39.1									
2016	2405	-106.1	-158.0	-187.7	98.1	98.2	93.3	97.0	97.4
28.5									
2017	1983	-96.7	-141.3	-179.6	98.3	98.5	93.8	97.3	97.7
18.9									
2018	1614	-77.5	-117.1	-154.9	98.6	99.1	95.1	97.8	98.3
15.9									
2019	1384	-59.8	-94.4	-112.2	98.9	99.5	95.4	98.4	98.6
14.5									
2020	1319	-51.1	-79.1	-83.5	98.9	99.4	95.1	98.6	98.8
14.6									
2021	1193	-30.0	-38.4	-42.2	99.4	99.5	95.6	99.9	99.0
2.5									
2022	301	-21.5	-25.1	-4.2	99.6	99.7	95.3	99.5	98.7
20.3									

Tabel: 125 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1983	35	93.9	96.0	98.8	97.6	91.4	94.1	94.4
1984	85	93.3	95.5	98.7	97.3	91.2	93.2	94.1
1985	152	93.9	96.1	98.1	97.3	93.1	93.7	95.5
1986	223	93.5	96.4	97.8	96.6	92.8	93.1	95.4
1987	412	93.2	94.9	98.8	97.7	91.5	93.0	94.0
1988	727	93.5	94.7	99.1	98.2	91.5	93.2	93.9
1989	787	93.6	94.9	99.1	98.2	91.7	93.4	93.8
1990	1071	93.5	94.8	99.0	98.2	91.8	93.3	93.4
1991	3295	91.7	94.5	97.1	95.7	91.4	92.4	94.6
1992	4174	92.0	94.8	97.2	95.8	91.5	92.5	94.6
1993	4167	92.2	94.6	97.7	96.3	91.0	92.7	94.2
1994	6986	93.3	95.3	99.1	96.8	91.3	93.1	93.6
1995	13043	93.8	96.1	99.3	96.9	91.8	93.7	93.5
1996	9342	93.3	95.2	99.1	97.1	91.0	93.7	93.5
1997	13791	92.6	94.3	98.5	97.1	90.7	92.8	93.5
1998	15174	92.6	94.2	98.5	97.5	90.5	93.0	93.2
1999	13297	93.2	95.0	98.8	97.5	90.9	93.2	93.6

2000	9942	93.1	95.8	98.2	96.9	91.5	93.5	94.1
2001	8575	93.2	96.1	98.1	96.5	92.1	93.9	94.2
2002	5824	93.1	96.0	97.9	96.9	92.3	94.4	93.5
2003	6098	94.0	96.9	98.1	97.7	93.3	93.7	94.8
2004	5839	95.0	97.6	98.6	98.4	94.2	93.7	95.3
2005	4415	95.6	98.0	98.9	98.6	94.4	93.9	95.9
2006	3949	95.9	98.4	98.8	98.7	94.8	94.1	96.6
2007	3375	96.2	98.9	98.6	98.6	95.4	94.0	97.1
2008	3073	96.3	98.8	98.6	98.7	95.6	94.2	97.3
2009	2510	96.0	98.7	98.1	98.2	95.9	94.2	97.7
2010	2131	95.7	98.4	97.8	98.3	95.8	94.7	97.4
2011	1932	96.0	98.7	97.7	98.5	96.5	94.9	97.6
2012	1733	96.5	99.3	97.9	98.5	97.2	95.2	97.9
2013	1551	96.7	99.5	97.8	98.2	97.6	95.8	98.4
2014	1254	96.9	99.4	97.9	98.3	97.5	96.5	98.6
2015	974	97.2	99.4	98.2	98.6	97.9	96.6	98.7
2016	911	98.0	99.5	98.9	99.0	98.4	97.2	98.8
2017	699	98.6	99.7	99.1	99.5	98.8	98.3	99.2
2018	560	99.1	100.2	99.5	99.6	99.0	98.8	99.3
2019	403	99.3	100.8	99.2	99.5	99.5	98.8	100.1
2020	373	99.9	100.9	100.0	99.9	99.4	99.1	99.8
2021	285	100.3	100.9	100.4	100.0	99.6	99.8	99.9
2022	32	100.0	100.9	100.3	99.8	99.2	99.4	99.8

Tabel: 126 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	29	92.9	98.7	92.9	98.7	92.1	97.3
1981	53	93.7	98.7	93.7	98.7	92.8	97.9
1982	176	93.7	98.8	93.7	98.8	92.7	97.8
1983	302	93.5	98.9	93.5	98.9	92.5	97.8
1984	587	93.9	98.7	93.9	98.7	92.7	97.8
1985	1388	95.0	98.9	95.0	98.9	93.8	98.8
1986	2343	94.8	98.6	94.8	98.6	93.6	98.2
1987	3576	94.6	98.6	94.6	98.6	93.5	98.5
1988	5703	94.6	98.6	94.6	98.6	93.5	98.3
1989	7332	94.5	98.6	94.5	98.6	93.4	98.2
1990	12475	94.3	98.4	94.3	98.4	93.3	97.8
1991	21749	94.3	98.5	94.3	98.5	93.6	97.6
1992	25543	94.0	98.5	94.0	98.5	93.4	97.5
1993	28874	94.4	98.9	94.4	98.9	94.0	97.8
1994	43046	94.3	99.1	94.3	99.1	94.3	97.7
1995	48483	94.6	99.0	94.6	99.0	94.4	97.6
1996	48873	94.7	98.9	94.7	98.9	94.3	97.9
1997	49791	95.0	98.9	95.0	98.9	94.4	97.9
1998	47846	95.0	98.9	95.0	98.9	94.3	97.8

1999	42259	95.5	99.0	95.5	99.0	94.6	97.9
2000	31296	95.7	98.9	95.7	98.9	94.5	98.4
2001	24288	96.0	98.9	96.0	98.9	94.8	98.7
2002	18118	95.9	98.4	95.9	98.4	94.6	98.4
2003	17121	96.0	97.3	96.0	97.3	94.7	97.6
2004	15610	96.0	96.8	96.0	96.8	95.1	97.1
2005	11601	96.4	97.0	96.4	97.0	95.6	97.3
2006	10348	96.6	96.9	96.6	96.9	95.8	97.2
2007	8749	96.7	96.5	96.7	96.5	96.0	97.0
2008	8153	97.3	96.8	97.3	96.8	96.5	97.2
2009	7088	97.2	96.9	97.2	96.9	96.7	97.1
2010	6021	97.4	97.4	97.4	97.4	97.1	97.6
2011	5336	97.6	97.3	97.6	97.3	97.5	97.6
2012	5038	98.0	97.5	98.0	97.5	97.9	97.8
2013	4602	98.3	97.5	98.3	97.5	98.3	97.8
2014	4121	98.6	98.0	98.6	98.0	98.7	98.3
2015	3563	98.6	98.2	98.6	98.2	98.9	98.8
2016	3530	98.4	98.5	98.4	98.5	98.9	99.0
2017	2991	98.4	98.7	98.4	98.7	99.1	99.1
2018	2483	98.5	99.4	98.5	99.4	99.1	99.6
2019	1994	98.8	99.4	98.8	99.4	99.4	99.8
2020	1767	99.0	99.4	99.0	99.4	99.5	99.8
2021	1555	98.9	99.5	98.9	99.5	99.4	99.8
2022	1202	98.3	99.9	98.3	99.9	98.8	99.8
2023	1015	98.1	100.3	98.1	100.3	98.6	100.0
2024	394	97.9	100.2	97.9	100.2	98.5	99.9

Tabel: 127 MRIJ - Holstein Friesian roodbont: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	27	93.7	105.7	104.4	97.6	99.2	98.4
1981	38	95.9	105.0	102.6	97.3	98.8	98.3
1982	155	95.3	105.3	103.3	97.7	99.1	99.2
1983	287	94.7	105.1	103.8	97.5	99.3	99.2
1984	515	96.1	104.6	102.4	97.1	98.8	99.3
1985	1066	98.4	103.3	100.0	96.8	98.6	98.6
1986	1769	98.0	103.5	100.5	97.2	98.1	98.1
1987	2697	96.9	104.1	101.7	97.2	98.4	99.4
1988	3982	96.7	103.9	101.8	96.7	98.2	99.8
1989	4631	96.2	104.3	102.2	96.8	98.2	99.3
1990	7383	96.0	104.4	102.3	96.2	98.4	100.0
1991	11975	94.8	104.1	103.2	96.2	98.6	99.3
1992	13973	94.7	104.1	103.4	96.6	98.5	98.7
1993	12971	95.1	103.4	103.0	97.4	98.5	97.8
1994	18216	94.4	103.9	103.9	97.7	98.0	98.4
1995	20256	94.3	104.1	104.0	97.8	98.2	98.7

1996	20699	94.5	104.2	103.9	98.0	98.4	98.2
1997	20282	94.9	104.2	103.6	97.5	98.7	98.5
1998	19146	94.5	104.2	103.8	97.4	98.9	98.8
1999	18182	95.1	103.4	103.3	97.5	98.7	98.5
2000	13279	95.0	103.1	103.5	97.9	98.0	97.7
2001	11151	94.7	102.6	103.9	98.1	97.7	97.9
2002	7751	94.0	103.7	104.5	97.3	98.5	99.0
2003	7945	94.4	104.2	104.2	96.4	99.8	99.2
2004	7523	94.6	104.2	104.0	96.1	100.7	99.5
2005	6358	94.9	103.9	103.8	96.7	100.4	99.1
2006	6082	95.2	103.6	103.6	96.1	100.3	99.5
2007	6120	95.5	103.9	103.4	95.7	100.7	99.9
2008	5730	95.8	103.5	103.1	96.3	100.4	99.7
2009	5200	95.5	103.4	103.4	96.7	100.2	99.1
2010	4426	95.3	102.9	103.7	97.2	99.7	98.8
2011	3991	95.0	102.9	104.1	97.6	99.4	98.5
2012	3642	95.2	102.7	104.0	97.7	99.3	98.6
2013	3261	95.3	102.6	103.8	97.8	99.1	98.6
2014	2963	95.8	102.0	103.4	98.4	98.7	98.2
2015	2445	96.1	101.7	103.0	98.5	98.7	98.3
2016	2308	96.4	101.6	102.8	98.8	98.7	98.8
2017	1913	96.6	101.6	102.6	98.9	98.9	98.9
2018	1565	96.9	101.2	102.4	99.6	99.2	98.8
2019	1160	96.9	101.2	102.5	100.0	99.0	98.6
2020	966	97.1	101.0	102.2	100.5	99.0	98.0
2021	737	97.5	100.9	101.8	100.6	99.1	98.1
2022	538	97.7	100.7	101.7	100.7	99.0	98.4
2023	417	98.4	100.4	101.2	101.1	99.0	98.3
2024	155	98.3	100.4	101.4	101.3	98.9	98.2

Tabel: 128 MRIJ - Holstein Friesian roodbont: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	32	105.2	110.5	97.0	103.1	108.5	98.2	104.2	98.3	109.8
99.2	103.8									
1981	56	105.4	111.7	96.5	103.2	109.1	98.2	104.2	98.1	110.6
99.3	104.1									
1982	184	105.8	111.3	97.1	103.1	109.6	98.0	104.6	98.1	110.7
99.3	104.5									
1983	313	105.9	111.1	97.0	103.4	109.5	97.8	104.9	97.8	110.6
98.9	104.8									
1984	557	105.9	111.1	96.8	103.1	109.4	97.6	104.9	97.9	110.5
98.8	104.7									

1985	1302	105.5	111.1	95.8	102.6	108.9	96.6	104.8	97.8	109.7
98.2	103.7									
1986	2164	105.7	110.7	95.8	102.6	108.9	96.4	104.9	98.0	109.7
98.0	103.8									
1987	3227	107.2	112.0	95.5	103.6	111.1	96.1	106.3	97.7	111.5
97.6	105.6									
1988	5146	107.0	112.1	95.7	103.4	111.3	96.0	106.2	97.3	111.6
97.7	105.3									
1989	6440	106.4	111.6	96.1	103.1	110.4	96.4	105.5	97.4	110.9
97.8	104.8									
1990	10643	106.5	111.7	96.5	103.3	110.5	96.6	105.5	97.7	111.1
98.0	104.9									
1991	18038	106.2	110.5	96.3	102.6	109.8	96.3	105.3	97.7	110.4
97.7	104.4									
1992	23272	106.3	110.7	96.4	102.7	110.0	96.4	105.3	97.8	110.6
97.7	104.5									
1993	23996	105.9	110.6	96.6	102.8	109.7	96.7	104.9	97.9	110.2
97.9	104.5									
1994	32324	106.3	111.1	97.1	103.7	109.3	97.6	105.0	98.7	110.2
98.2	106.1									
1995	36828	106.2	110.6	97.4	103.6	108.7	97.7	104.9	99.3	109.4
98.3	106.1									
1996	40239	105.6	110.1	97.8	103.4	108.0	98.3	104.3	98.9	109.4
98.4	106.0									
1997	43883	104.7	109.1	97.9	102.8	107.2	98.2	103.6	98.8	108.6
98.3	104.8									
1998	38552	104.4	108.1	98.0	102.7	106.8	98.1	103.3	98.8	108.0
97.8	104.6									
1999	37612	104.0	107.6	97.9	102.4	106.2	98.0	103.0	99.0	107.4
97.7	104.2									
2000	25915	103.9	106.7	98.1	102.2	105.8	98.2	102.7	99.6	106.9
98.0	103.7									
2001	20813	103.8	106.1	99.3	101.9	105.7	98.7	102.5	100.0	106.3
98.9	103.1									
2002	16944	104.1	106.3	99.3	102.3	105.7	98.8	102.8	100.1	106.1
99.0	103.3									
2003	15652	103.7	105.7	99.4	102.2	104.9	98.9	102.3	100.6	105.5
98.8	103.0									
2004	14460	103.4	105.3	99.0	102.3	104.4	98.7	102.0	100.9	105.2
98.3	103.1									
2005	10929	103.0	104.9	99.2	101.9	104.1	98.8	101.7	100.6	105.0
98.5	102.8									
2006	9611	102.8	104.4	99.4	101.6	103.8	98.9	101.5	100.9	104.4
98.8	102.2									
2007	7647	102.5	104.1	99.5	101.3	103.4	99.0	101.3	100.8	104.1
99.1	101.8									
2008	6629	102.4	103.7	99.6	101.1	103.3	99.1	101.3	100.5	103.7
99.3	101.4									
2009	5703	102.0	103.8	99.2	101.4	103.0	99.5	101.0	100.2	103.6
99.4	101.2									

2010	4417	101.7	103.1	99.5	100.8	102.8	99.4	100.9	99.9	103.3
		99.3	100.9							
2011	3297	101.5	102.5	99.7	100.3	102.4	99.4	100.8	99.9	102.9
		99.3	100.6							
2012	2361	101.7	102.7	99.6	100.3	102.9	99.2	101.1	99.6	103.2
		99.3	100.8							
2013	1897	102.0	102.5	99.7	100.3	103.1	99.1	101.4	99.5	103.1
		99.5	100.9							
2014	1363	102.1	102.4	100.2	100.3	103.1	98.9	101.7	99.4	102.9
		99.8	100.7							
2015	989	102.1	102.1	100.2	100.3	102.8	99.0	101.7	99.6	102.5
		99.9	100.6							
2016	902	102.2	102.7	99.5	100.7	103.2	98.8	102.0	99.0	103.0
		99.7	100.9							
2017	707	102.3	103.0	99.2	101.3	103.3	98.9	102.2	98.9	103.0
		99.8	101.1							
2018	546	102.4	102.7	99.3	101.4	103.0	99.1	102.2	99.1	102.7
		100.3	100.9							
2019	409	102.8	102.9	99.8	101.2	103.6	99.1	102.5	99.3	103.0
		100.6	101.2							
2020	374	102.7	102.9	99.7	100.9	103.9	99.0	102.3	99.2	103.2
		100.4	101.0							
2021	269	103.0	102.9	100.3	101.3	103.9	99.1	102.8	99.1	103.1
		100.7	101.5							
2022	33	102.9	103.4	100.2	101.4	104.0	99.0	102.8	98.7	103.2
		100.6	101.5							

Tabel: 129 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	29	96.7	98.6	97.7
1981	52	96.9	98.7	98.0
1982	177	96.6	98.3	97.8
1983	303	96.4	98.2	97.6
1984	574	96.6	98.4	98.1
1985	1371	96.9	98.5	98.5
1986	2314	96.7	98.3	98.4
1987	3538	96.7	98.3	98.3
1988	5620	96.7	98.2	98.3
1989	7185	96.5	98.1	98.2
1990	12217	96.2	98.0	98.0
1991	21065	96.0	97.8	98.1
1992	24793	95.7	97.6	98.0
1993	29772	95.5	97.6	97.9
1994	46505	96.1	98.2	98.1

1995	53041	96.4	98.4	98.2
1996	54292	96.2	98.5	97.7
1997	55546	96.1	98.3	97.6
1998	54071	95.9	98.1	97.7
1999	48018	96.4	98.4	98.1
2000	35827	96.2	98.3	98.1
2001	27636	96.4	98.2	98.3
2002	21023	96.5	98.3	98.2
2003	19778	96.9	98.6	98.1
2004	17964	97.2	98.8	98.2
2005	13279	97.5	98.9	98.7
2006	11671	97.6	99.0	98.7
2007	9816	97.8	99.1	98.6
2008	9335	97.4	98.7	98.5
2009	8240	97.3	98.5	98.5
2010	7085	96.8	98.1	98.2
2011	6303	97.0	98.5	98.1
2012	6099	97.2	98.7	98.1
2013	5509	97.4	98.9	97.8
2014	5021	97.0	98.4	98.1
2015	4549	96.9	98.3	98.3
2016	4457	97.2	98.6	98.3
2017	3721	97.9	99.3	98.6
2018	3027	98.1	99.5	98.7
2019	2361	98.4	99.6	99.0
2020	2161	98.5	99.6	99.1
2021	2118	98.3	99.4	98.9
2022	1951	98.2	99.1	99.0
2023	1749	98.3	99.2	99.0
2024	618	98.5	99.3	99.0

Tabel: 130 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17501	-5283.1	-18722.6	-803.3	-668.2
2002	12312	-5224.0	-18483.7	-793.4	-661.3
2003	12076	-4897.8	-17533.2	-740.0	-622.7
2004	11128	-4742.1	-17090.7	-714.2	-604.5
2005	8762	-4505.7	-16242.5	-679.7	-573.6
2006	8168	-4233.2	-15242.4	-639.6	-538.2
2007	7051	-4014.0	-14542.3	-605.1	-511.3
2008	6505	-3886.6	-14027.5	-588.6	-493.2
2009	5461	-3743.3	-13445.4	-568.8	-473.7
2010	4692	-3606.9	-12913.3	-550.5	-454.8
2011	4311	-3416.2	-12223.3	-521.5	-430.6
2012	4176	-3262.2	-11654.5	-499.0	-410.5

2013	3923	-3085.4	-11044.4	-473.2	-387.4
2014	3390	-2887.2	-10276.9	-446.5	-359.9
2015	2695	-2791.4	-9998.1	-433.8	-346.5
2016	2477	-2504.3	-8991.2	-389.4	-310.7
2017	2035	-2390.5	-8539.1	-374.4	-294.7
2018	1671	-2132.8	-7694.6	-332.7	-263.9
2019	1432	-1766.4	-6539.6	-274.7	-219.2
2020	1353	-1510.6	-5784.7	-231.9	-189.5
2021	1234	-1092.6	-4493.8	-163.5	-140.0
2022	316	-779.5	-3434.2	-114.0	-101.7

Tabel: 131 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1981	11	94.3	84.5	103.5	88.5
1982	33	94.6	84.5	103.3	88.2
1983	53	95.1	84.2	103.1	88.2
1984	92	94.0	85.2	103.0	87.8
1985	179	94.6	86.5	102.8	89.1
1986	285	94.0	86.0	102.8	88.1
1987	389	94.3	84.8	102.6	87.6
1988	543	94.4	84.2	102.6	87.4
1989	581	94.5	83.6	102.5	87.1
1990	761	94.5	82.5	102.3	86.2
1991	1627	95.2	82.9	103.0	87.5
1992	1987	94.9	82.1	102.9	86.7
1993	1871	94.9	81.8	102.8	86.7
1994	2713	95.8	77.6	103.3	85.4
1995	3206	96.0	77.7	103.1	85.3
1996	3077	96.2	78.2	103.2	85.8
1997	3541	95.8	79.5	103.2	86.1
1998	3273	95.9	79.7	103.0	86.1
1999	3151	95.6	80.2	102.9	85.9
2000	2496	95.2	81.0	102.4	85.8
2001	2394	95.2	81.4	102.0	85.6
2002	1797	95.3	82.3	101.8	85.9
2003	1983	96.0	83.6	101.9	87.3
2004	1943	96.4	84.3	101.9	88.0
2005	1555	96.8	84.3	101.9	88.5
2006	1590	97.0	85.0	101.6	88.8
2007	1424	97.1	85.7	101.4	89.2
2008	1276	97.1	85.9	101.2	89.1
2009	1344	96.3	86.5	101.2	88.8
2010	1385	96.6	87.1	100.9	89.1
2011	1315	97.1	88.0	100.6	90.1
2012	1237	97.1	89.2	100.4	90.6



2013	1186	98.2	90.1	100.1	91.8
2014	978	98.5	91.3	100.2	92.9
2015	815	98.8	92.5	100.0	93.9
2016	737	99.2	94.3	100.3	95.8
2017	592	99.5	95.5	100.2	96.7
2018	500	99.8	96.4	99.9	97.2
2019	379	99.9	97.5	100.1	98.1
2020	382	100.5	98.2	100.2	99.3
2021	378	99.8	99.1	100.7	99.7
2022	143	98.6	99.2	100.6	98.6

Tabel: 132 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	36	94.4	98.7	0	0.0	0.0	0	0.0
1981	63	93.4	98.3	0	0.0	0.0	0	0.0
1982	213	94.1	98.4	0	0.0	0.0	0	0.0
1983	381	94.1	98.6	0	0.0	0.0	0	0.0
1984	795	93.8	98.3	0	0.0	0.0	0	0.0
1985	1958	93.5	98.3	1577	-6.4	251.4	0	0.0
1986	3432	93.3	98.1	2479	-6.3	232.5	0	0.0
1987	5234	92.9	98.2	3534	-6.0	201.9	0	0.0
1988	8885	93.4	98.3	5086	-5.7	180.9	0	0.0
1989	10835	93.7	98.4	5591	-5.5	170.1	0	0.0
1990	15633	93.7	98.1	8452	-5.4	162.6	0	0.0
1991	22467	93.6	98.0	13246	-5.2	154.8	0	0.0
1992	25334	93.8	98.2	15476	-5.1	149.5	0	0.0
1993	24801	93.7	98.2	13971	-5.0	139.1	0	0.0
1994	32033	93.6	98.4	18273	-4.2	106.8	0	0.0
1995	35779	93.6	98.3	20387	-4.1	104.0	0	0.0
1996	33711	93.8	98.1	19016	-3.9	99.1	0	0.0
1997	32870	94.1	97.9	18997	-3.7	97.2	0	0.0
1998	31009	94.0	98.0	17454	-3.6	94.6	0	0.0
1999	27023	94.0	97.9	15188	-3.5	93.1	0	0.0
2000	20339	94.5	98.2	11041	-3.3	91.1	0	0.0
2001	17492	95.1	98.4	9243	-3.1	86.9	9240	95.1
2002	12300	95.0	98.2	6394	-2.9	74.3	6391	96.1
2003	12066	95.4	98.8	6346	-2.5	64.0	6346	96.7
2004	11104	95.5	99.0	5932	-2.2	54.2	5931	97.3
2005	8745	95.8	99.1	4573	-2.2	60.3	4570	96.7
2006	8138	96.4	99.6	4068	-2.1	58.0	4059	96.8
2007	7018	96.7	99.9	3366	-1.9	57.0	3359	96.9
2008	6461	96.6	99.6	3034	-1.9	59.2	3030	96.6
2009	5398	96.4	99.9	2483	-1.9	54.4	2476	97.0
2010	4629	96.5	99.5	2140	-1.8	53.7	2132	96.9

2011	4257	96.8	99.5	1939	-1.7	53.4	1929	96.9
2012	4150	96.9	99.6	1772	-1.6	50.2	1755	97.1
2013	3869	97.0	99.4	1602	-1.6	50.2	1589	97.1
2014	3345	97.2	99.2	1271	-1.4	43.0	1250	97.5
2015	2654	97.2	99.4	1001	-1.4	39.1	977	97.8
2016	2405	97.8	99.6	938	-1.2	28.5	904	98.7
2017	1983	98.0	99.5	768	-1.1	18.9	720	99.4
2018	1614	98.6	100.0	607	-0.8	15.9	559	99.6
2019	1384	98.8	99.9	464	-0.6	14.5	417	99.7
2020	1319	99.1	100.2	421	-0.6	14.6	381	99.5
2021	1193	99.7	100.4	311	-0.1	2.5	276	100.4
2022	301	100.0	100.5	69	-0.2	20.3	34	100.6
2023	0	0.0	0.0	31	0.4	0.5	0	0.0

Tabel: 133 MRIJ - Holstein Friesian roodbont: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	15	100.0	0	0.0	0	0.0	15	95.9
1981	18	99.6	1	98.0	1	96.0	18	95.7
1982	78	99.8	0	0.0	0	0.0	78	95.5
1983	110	99.9	0	0.0	0	0.0	110	95.8
1984	178	99.8	1	99.0	1	94.0	178	95.1
1985	351	99.7	3	96.7	0	0.0	351	95.0
1986	554	99.7	3	97.7	2	95.5	554	94.9
1987	765	99.8	1	95.0	1	98.0	765	95.2
1988	1123	99.9	0	0.0	0	0.0	1123	95.7
1989	1229	99.9	3	100.0	1	95.0	1229	95.5
1990	1962	99.8	29	97.9	24	97.2	1962	95.5
1991	3378	99.0	208	96.1	206	98.8	3378	94.3
1992	3996	99.1	192	95.9	189	98.8	3996	94.2
1993	3837	99.2	165	96.2	161	98.7	3837	94.3
1994	5443	98.9	674	99.5	634	96.4	5443	94.2
1995	6420	99.7	1005	101.5	968	96.6	6420	94.7
1996	6361	99.5	833	100.6	723	96.5	6361	94.5
1997	7094	98.8	1053	99.1	897	97.0	7094	93.8
1998	7068	98.8	830	98.6	698	98.0	7068	93.4
1999	6839	99.2	843	99.6	729	98.2	6839	93.8
2000	5629	99.8	726	101.1	674	98.6	5629	94.9
2001	5612	100.2	773	101.7	715	98.7	5612	95.1
2002	4428	100.2	589	101.8	561	98.5	4428	95.1
2003	4869	99.6	714	100.2	681	98.5	4869	95.3
2004	5032	99.0	692	99.1	681	98.7	5032	94.8
2005	4361	98.8	579	99.0	576	98.7	4360	95.0
2006	4445	98.8	594	98.9	589	98.9	4445	95.1
2007	4286	98.8	512	98.7	506	99.0	4286	95.3
2008	4442	99.2	460	99.3	450	99.1	4442	95.5

2009	4251	99.7	393	100.0	389	99.4	4251	96.3
2010	4177	99.8	349	100.4	345	99.3	4177	96.3
2011	3880	99.7	341	100.2	335	99.5	3880	96.4
2012	3719	99.4	311	100.0	312	99.5	3718	96.5
2013	3477	99.3	258	100.0	260	99.6	3477	96.7
2014	3004	99.5	202	100.2	198	99.8	3004	97.4
2015	2413	99.9	159	100.6	159	99.9	2413	98.2
2016	2221	100.1	124	101.1	120	99.9	2221	98.8
2017	1783	100.3	61	101.0	61	99.8	1781	99.1
2018	1463	100.5	37	101.1	43	100.3	1463	99.8
2019	1253	100.5	18	101.6	28	100.3	1253	100.0
2020	1153	100.4	20	101.4	29	100.6	1153	100.5
2021	1036	100.3	4	101.0	8	101.4	1036	101.0
2022	273	100.2	1	102.0	1	102.0	273	101.1

Tabel: 134 MRIJ - Holstein Friesian roodbont: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1982	13	101.3	99.7	101.8	100.8	100.2	98.7
1983	29	100.9	99.2	101.7	100.4	99.6	98.4
1984	30	99.8	98.5	101.0	98.9	99.3	98.5
1985	39	101.3	100.3	101.4	100.6	100.4	99.0
1986	57	100.7	99.5	100.9	100.1	99.9	98.5
1987	88	100.7	99.1	101.1	100.0	100.3	98.7
1988	184	100.9	99.2	101.1	99.8	100.9	99.3
1989	198	100.9	99.5	101.1	100.0	100.9	99.3
1990	236	100.6	99.2	100.7	99.8	100.9	99.1
1991	660	101.2	99.8	101.1	100.7	100.4	98.6
1992	644	101.1	99.8	101.1	100.7	100.3	98.6
1993	632	101.0	99.8	101.2	100.5	100.4	98.6
1994	1342	101.1	100.3	101.5	100.1	100.0	99.0
1995	1717	100.3	99.3	100.9	99.3	99.8	98.1
1996	1703	99.5	98.4	100.1	98.7	99.5	97.6
1997	2016	99.4	98.3	99.7	98.7	99.6	97.6
1998	1786	99.4	98.1	99.8	99.0	99.3	97.7
1999	1707	99.4	98.2	99.8	99.0	99.2	97.6
2000	1434	99.7	98.7	99.9	99.2	98.9	97.8
2001	1429	100.2	99.4	100.4	99.3	99.5	98.3
2002	1046	100.1	99.1	100.3	99.3	99.7	98.2
2003	1211	100.0	99.7	99.6	98.8	99.9	98.7
2004	1140	100.2	100.4	99.5	98.8	100.2	99.0
2005	932	100.4	100.3	99.5	99.3	100.5	98.8
2006	1010	101.1	101.4	99.9	99.7	101.0	99.6
2007	908	101.2	101.4	100.0	99.6	101.3	99.8
2008	849	101.3	101.5	100.4	99.8	101.1	100.0
2009	715	101.5	101.6	100.6	100.1	101.1	100.1

2010	654	101.5	101.3	100.6	100.3	100.9	99.9
2011	668	101.2	100.8	100.3	100.2	100.7	99.4
2012	601	100.9	100.5	100.1	100.2	100.3	99.0
2013	479	101.1	100.9	99.7	100.5	100.1	98.9
2014	390	101.1	100.3	100.0	100.7	100.4	98.5
2015	316	100.8	99.8	99.9	100.5	100.2	98.5
2016	236	100.6	99.5	99.8	100.4	100.2	98.0
2017	156	100.9	99.7	99.9	100.6	100.4	98.8
2018	122	101.1	99.8	100.5	100.6	101.2	99.3
2019	94	101.2	99.8	100.6	100.6	101.5	99.4
2020	91	101.0	99.5	100.6	100.3	101.1	99.0
2021	67	100.6	99.1	100.2	99.9	101.3	98.9
2022	12	101.0	99.6	100.2	100.7	101.0	98.6

Tabel: 135 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	636	-1051.9	-48.2	-52.4	-49.3	-2.2	-25.0	-1.7	-369.9
1981	828	-1056.8	-44.6	-52.5	-49.5	4.7	-25.0	-1.7	-359.7
1982	4076	-1052.1	-47.0	-52.3	-49.3	-0.0	-25.0	-1.7	-366.0
1983	7394	-1033.7	-45.2	-50.7	-48.5	2.0	-23.1	-1.7	-353.6
1984	7742	-1038.0	-44.4	-50.2	-48.7	4.2	-21.7	-1.7	-349.1
1985	11157	-1140.8	-42.8	-51.6	-53.4	15.8	-17.6	-1.6	-350.6
1986	22219	-1102.7	-43.0	-49.8	-51.6	12.5	-16.5	-1.6	-343.3
1987	32095	-1130.9	-45.6	-50.2	-52.9	10.0	-15.2	-1.6	-352.5
1988	34065	-1166.9	-46.1	-50.5	-54.6	12.3	-13.4	-1.6	-355.6
1989	50362	-1056.1	-44.2	-45.7	-49.5	6.3	-11.8	-1.7	-328.9
1990	50980	-1011.6	-43.1	-44.3	-47.5	4.5	-12.3	-1.7	-319.7
1991	41799	-967.1	-40.0	-42.4	-45.4	6.4	-11.7	-1.7	-302.3
1992	36167	-930.2	-37.9	-40.9	-43.8	7.1	-11.4	-1.7	-289.6
1993	38906	-820.3	-34.3	-36.5	-38.7	4.9	-10.6	-1.7	-260.0
1994	33530	-689.4	-27.3	-31.7	-32.8	6.6	-10.4	-1.8	-218.2
1995	30690	-576.3	-21.9	-28.3	-27.6	7.3	-11.3	-1.8	-187.3
1996	23482	-490.0	-19.3	-25.5	-23.7	5.2	-11.9	-1.8	-167.7
1997	16363	-404.4	-14.3	-21.3	-19.8	7.0	-9.9	-1.9	-134.5
1998	10202	-405.1	-13.8	-20.8	-19.8	8.0	-9.0	-1.9	-130.6
1999	6946	-364.2	-10.6	-19.0	-17.9	10.1	-8.5	-1.9	-113.3
2000	4916	-318.2	-11.6	-17.9	-15.6	5.0	-9.4	-1.4	-111.9
2001	4281	-215.6	-10.4	-14.7	-8.8	-0.0	-10.0	2.1	-94.1
2002	2994	-171.4	-6.7	-12.1	-6.5	2.8	-8.4	2.4	-72.0
2003	2732	-119.6	-4.6	-9.6	-5.2	2.1	-7.6	0.8	-55.2
2004	2476	-70.5	-1.0	-7.1	-2.9	4.3	-6.3	0.8	-33.6
2005	2095	-55.9	-2.3	-6.3	-2.3	1.3	-6.0	0.6	-34.1
2006	2298	97.9	2.9	-0.4	4.4	-1.2	-5.4	-0.0	7.1
2007	2313	87.0	4.4	-0.5	3.4	1.6	-5.0	-0.8	11.3
2008	2412	148.0	7.2	2.0	6.0	1.8	-4.7	-1.1	30.2

2009	1907	161.5	7.6	3.2	6.4	1.3	-3.6	-1.6	36.5
2010	1805	225.8	8.8	4.9	9.2	-1.0	-4.5	-1.8	47.7
2011	1737	304.0	12.8	8.0	12.7	-0.1	-4.0	-1.9	72.9
2012	1822	358.6	15.7	10.1	15.2	0.9	-3.9	-2.0	90.6
2013	2063	380.5	16.1	12.3	16.5	-0.4	-1.8	-1.4	101.3
2014	1829	448.7	18.2	14.3	19.1	-1.6	-2.6	-2.3	116.0
2015	2081	452.2	19.2	13.4	17.7	-0.1	-4.1	-4.5	115.3
2016	1443	482.4	20.4	15.8	20.0	-0.3	-2.1	-3.1	129.5
2017	1167	512.5	22.1	17.2	21.5	0.1	-1.8	-2.9	140.1
2018	1011	519.6	23.1	17.2	22.2	1.0	-2.1	-2.4	143.5
2019	1001	487.9	23.1	17.1	20.5	3.1	-0.6	-2.7	142.7
2020	1052	564.3	27.0	19.1	24.0	3.9	-1.6	-2.8	163.1
2021	900	630.0	31.2	22.4	26.9	5.4	-0.5	-3.0	189.9
2022	223	715.8	33.7	25.3	30.5	3.4	-0.8	-3.4	209.9

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 136 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	727	95.0	87.6	94.6	98.6	96.4	93.9	96.5
1981	1176	94.0	87.4	93.6	97.4	96.8	94.5	96.0
1982	4706	95.1	88.8	94.8	98.3	97.5	94.5	96.6
1983	8316	94.8	89.4	95.0	98.0	97.7	94.3	96.5
1984	7293	94.5	89.8	94.8	97.6	98.1	94.9	96.7
1985	8971	93.8	89.3	94.2	96.8	98.1	94.6	95.2
1986	16018	94.0	89.4	94.7	97.5	97.7	93.7	95.3
1987	21690	94.7	90.5	95.2	98.1	98.0	94.0	96.7
1988	19301	94.6	90.9	95.2	97.8	98.5	94.7	96.9
1989	27358	95.0	92.6	95.6	97.5	98.8	95.7	97.5
1990	27441	95.2	92.6	95.4	97.3	98.7	95.6	97.6
1991	22642	96.0	91.9	96.2	98.1	98.0	95.0	97.6
1992	19698	96.3	91.9	96.5	98.4	98.1	94.7	97.7
1993	20609	96.8	92.3	96.9	99.1	97.6	94.9	98.4
1994	16947	97.2	93.1	98.2	100.1	97.4	94.4	98.8
1995	15392	97.6	93.0	99.5	101.6	96.6	95.1	98.0
1996	11378	98.4	92.8	100.1	102.0	96.5	95.1	98.4
1997	7334	98.3	92.8	100.3	102.5	96.2	95.4	97.8
1998	3895	98.7	92.8	100.7	102.6	96.3	95.0	97.8
1999	2700	98.8	93.1	100.6	102.6	96.0	95.1	98.0
2000	1695	99.4	93.1	100.1	102.1	96.2	95.0	98.2
2001	1483	99.6	93.7	100.3	102.2	96.2	95.4	98.0
2002	1005	99.6	94.0	100.5	102.5	96.5	95.3	98.0
2003	957	100.5	94.8	101.3	103.0	96.5	96.0	98.2
2004	911	100.9	95.0	101.6	103.3	96.2	96.1	98.3
2005	722	101.2	95.4	101.9	103.3	96.6	96.0	98.2
2006	761	101.2	95.0	101.8	103.6	95.6	96.6	98.1

2007	790	101.0	95.2	100.9	102.6	96.1	97.1	98.9
2008	897	101.4	95.6	101.4	102.9	96.3	96.8	99.2
2009	758	101.9	95.8	101.9	103.4	96.3	96.9	98.6
2010	742	102.1	95.8	102.0	103.5	96.2	96.8	98.9
2011	706	102.1	96.0	102.2	103.9	96.1	97.0	99.1
2012	651	102.2	96.3	102.3	103.8	96.3	96.6	99.1
2013	707	102.3	96.1	102.4	104.5	95.7	96.9	98.9
2014	688	102.7	95.9	102.0	104.2	95.7	97.1	99.7
2015	812	103.3	95.7	102.0	104.5	95.6	97.4	99.5
2016	517	103.2	96.1	102.6	104.9	95.8	97.1	99.4
2017	367	103.2	96.1	102.5	104.7	95.8	97.0	99.5
2018	305	103.7	96.8	102.9	104.8	96.5	97.1	99.4
2019	310	103.3	97.4	102.7	104.5	96.9	97.1	99.6
2020	289	103.3	97.1	102.7	104.7	96.3	96.9	99.5
2021	209	104.0	97.0	103.0	105.2	96.2	96.7	99.8
2022	25	104.3	97.3	102.8	104.9	96.9	97.6	100.9

Tabel: 137 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	727	88.1	101.2	98.0	87.5	88.3
1981	1176	88.5	100.5	98.0	88.0	88.8
1982	4706	89.1	100.8	97.6	88.7	89.3
1983	8316	89.4	101.2	97.7	88.8	89.2
1984	7293	89.3	101.3	97.3	89.7	89.6
1985	8971	89.9	99.8	98.4	90.5	90.1
1986	16018	90.3	101.3	97.4	91.1	90.2
1987	21690	91.8	101.5	96.7	91.4	92.1
1988	19301	92.0	100.7	97.2	91.7	92.4
1989	27358	91.3	100.1	97.9	91.7	91.7
1990	27441	91.4	99.8	98.1	91.8	91.5
1991	22642	91.7	100.8	97.4	91.6	91.9
1992	19698	92.0	101.0	97.3	92.1	92.2
1993	20609	92.1	102.0	97.2	92.7	92.3
1994	16947	91.9	102.4	96.4	92.7	92.4
1995	15392	91.8	102.5	95.9	92.4	92.6
1996	11378	93.0	101.7	96.5	92.8	93.6
1997	7334	92.8	102.2	96.4	92.7	93.3
1998	3895	92.9	103.2	96.0	92.6	93.3
1999	2700	93.4	103.0	96.1	92.9	93.9
2000	1695	94.6	102.4	96.9	93.8	94.9
2001	1483	94.4	102.1	97.4	94.0	94.8
2002	1005	95.1	102.2	97.9	94.7	95.4
2003	957	95.1	101.8	98.3	95.5	95.7
2004	911	95.4	101.8	98.2	95.7	96.1
2005	722	95.6	101.6	98.6	95.6	96.4

2006	761	95.8	102.0	98.3	96.1	96.5
2007	790	96.2	101.0	98.9	96.2	97.0
2008	897	96.0	100.8	98.9	96.4	96.8
2009	758	96.2	100.8	99.1	96.5	97.1
2010	742	96.8	100.8	99.4	96.7	97.7
2011	706	97.3	100.8	99.4	97.2	98.4
2012	651	97.5	100.7	99.6	97.7	98.7
2013	707	97.3	100.8	100.0	97.2	98.5
2014	688	97.9	100.3	100.0	97.7	99.0
2015	812	97.9	100.1	100.5	97.2	98.7
2016	517	98.4	100.5	100.5	97.5	99.3
2017	367	98.5	100.4	100.2	97.8	99.8
2018	305	99.1	100.4	100.1	98.5	100.2
2019	310	99.5	100.7	99.7	99.5	100.7
2020	289	99.8	100.9	99.4	99.5	101.0
2021	209	100.0	100.6	100.1	99.0	101.0
2022	25	99.9	101.3	99.4	99.0	101.2

Tabel: 138 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1980	727	97.1	92.6	100.1	99.1	97.2	93.7	91.6
99.7								
1981	1176	97.3	92.5	99.9	99.1	97.3	94.7	92.3
99.4								
1982	4706	97.6	92.9	99.6	99.2	97.9	94.6	92.6
99.9								
1983	8316	97.2	92.8	99.9	99.0	97.5	94.7	92.4
99.5								
1984	7293	97.0	92.7	100.7	98.7	97.4	95.1	92.9
99.4								
1985	8971	98.0	93.8	100.9	99.1	98.0	96.3	93.9
99.0								
1986	16018	98.4	93.9	101.2	99.0	98.4	95.9	93.9
99.0								
1987	21690	97.9	94.6	102.5	98.6	98.1	95.3	93.8
99.8								
1988	19301	97.7	94.7	102.8	98.4	97.8	95.3	93.8
99.9								
1989	27358	97.2	94.2	100.2	97.5	96.8	93.9	92.4
97.6								
1990	27441	97.3	94.6	100.2	97.9	97.1	94.4	92.9
97.9								
1991	22642	98.2	94.8	100.4	98.6	97.7	94.5	93.2
98.2								

1992	19698	98.5	95.6	100.7	98.9	98.1	94.9	94.0
98.8								
1993	20609	98.9	96.3	100.3	99.1	97.8	95.6	94.6
97.8								
1994	16947	99.1	96.8	100.4	99.0	97.8	96.3	95.3
97.5								
1995	15392	99.4	97.6	99.8	98.5	98.4	96.7	95.9
97.8								
1996	11378	99.4	98.4	100.0	98.5	98.9	97.3	96.7
98.7								
1997	7334	98.9	98.0	100.1	98.2	99.1	97.1	96.2
98.7								
1998	3895	98.7	97.9	100.3	98.4	99.1	97.4	96.4
99.0								
1999	2700	99.3	98.5	100.2	99.0	100.0	98.2	97.3
99.6								
2000	1695	99.6	98.5	101.3	99.6	100.3	98.4	97.7
100.1								
2001	1483	99.7	98.5	101.1	99.6	100.5	97.9	97.3
99.9								
2002	1005	99.7	99.0	100.2	99.7	100.2	98.6	98.0
99.4								
2003	957	99.9	99.2	100.4	100.1	100.6	98.7	98.1
100.1								
2004	911	100.4	99.9	100.2	100.4	101.1	99.1	98.6
100.2								
2005	722	100.2	100.0	100.9	100.3	101.2	99.1	98.8
100.6								
2006	761	100.2	99.4	100.9	100.3	101.6	98.9	98.4
100.7								
2007	790	100.2	100.2	101.3	100.5	102.3	99.8	99.4
101.2								
2008	897	100.0	100.3	100.9	100.5	102.3	100.3	99.9
101.3								
2009	758	100.5	100.8	100.5	100.9	102.4	100.3	100.0
101.1								
2010	742	101.0	101.2	100.3	101.5	102.8	100.5	100.4
101.2								
2011	706	101.0	100.9	100.8	101.2	102.7	100.3	100.1
100.9								
2012	651	101.2	101.1	100.3	101.4	102.8	100.6	100.8
101.2								
2013	707	101.0	102.5	100.7	101.1	103.8	101.2	101.7
102.0								
2014	688	102.1	102.3	100.2	102.2	103.9	101.0	101.5
102.1								
2015	812	103.0	102.3	99.3	102.9	103.6	101.0	101.8
101.7								
2016	517	102.7	102.6	99.5	102.9	104.1	101.6	102.1
102.0								



2017	367	102.7	102.9	99.8	103.0	104.7	101.9	102.4
102.3								
2018	305	103.2	102.7	99.9	103.2	104.7	101.7	101.9
102.3								
2019	310	102.8	102.8	99.8	103.0	104.0	101.5	102.1
101.9								
2020	289	103.1	102.5	100.2	103.4	104.8	102.3	102.4
102.8								
2021	209	103.3	102.9	99.5	103.7	104.8	102.0	102.1
102.6								
2022	25	103.8	105.0	99.3	103.8	105.5	102.6	103.2
102.6								

Tabel: 139 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken  
bovenbalk

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	727	87.2	84.6	92.5	86.2	92.4	81.1
1981	1176	86.5	84.1	93.0	86.6	93.0	81.4
1982	4706	88.1	85.5	93.4	87.2	93.3	82.5
1983	8316	88.2	85.6	93.1	87.3	93.9	82.5
1984	7293	88.5	85.7	93.1	87.4	94.5	82.6
1985	8971	87.0	85.1	94.6	87.9	94.0	83.2
1986	16018	87.0	85.4	94.7	88.0	93.4	83.4
1987	21690	88.7	87.2	94.2	90.1	94.7	85.2
1988	19301	89.2	87.7	94.0	90.5	95.4	85.6
1989	27358	90.9	88.1	92.5	89.8	96.6	84.9
1990	27441	90.8	87.9	93.1	89.6	96.5	85.0
1991	22642	90.9	88.2	93.9	90.0	95.3	85.7
1992	19698	91.0	88.5	94.6	90.3	95.1	86.3
1993	20609	91.9	89.0	95.3	90.4	94.5	86.9
1994	16947	92.8	89.9	95.7	90.4	94.7	87.5
1995	15392	93.3	90.2	96.3	90.5	94.3	87.9
1996	11378	93.9	90.9	97.0	91.7	94.3	89.3
1997	7334	93.8	90.7	96.5	91.4	94.1	88.9
1998	3895	93.8	90.9	96.6	91.5	93.9	89.0
1999	2700	94.1	91.2	97.9	92.1	94.0	90.1
2000	1695	94.1	91.6	98.4	93.4	94.4	91.3
2001	1483	94.6	91.8	98.3	93.4	94.5	91.3
2002	1005	94.7	92.5	98.7	94.2	94.8	92.2
2003	957	95.9	93.2	99.1	94.4	95.4	92.9
2004	911	96.3	93.5	99.9	94.8	95.2	93.6
2005	722	96.5	93.9	99.9	95.3	95.6	94.1
2006	761	96.6	93.5	99.8	95.4	95.0	94.1
2007	790	96.9	93.8	100.7	96.0	95.4	95.0
2008	897	97.4	94.3	100.9	95.8	95.7	95.1

2009	758	97.5	94.4	101.4	96.0	95.8	95.6
2010	742	97.7	94.8	102.0	96.7	95.7	96.5
2011	706	98.0	95.4	101.7	97.5	95.8	97.0
2012	651	98.1	95.7	102.0	97.8	96.1	97.4
2013	707	98.1	95.5	102.9	97.7	95.3	97.7
2014	688	98.5	95.8	103.5	98.2	95.7	98.5
2015	812	98.6	95.7	103.9	98.1	95.5	98.6
2016	517	98.7	96.3	104.3	98.7	95.7	99.3
2017	367	98.6	96.4	104.8	99.1	95.8	99.8
2018	305	99.2	97.1	104.9	99.6	96.4	100.4
2019	310	99.4	97.7	104.4	100.1	97.0	100.6
2020	289	99.2	97.6	105.1	100.4	96.6	101.1
2021	209	99.4	97.7	105.3	100.5	96.4	101.4
2022	25	100.6	98.4	106.4	100.7	97.1	102.3

Tabel: 140 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	1565	100.0	99.4	97.7	98.2	98.3	100.6	93.6	98.3
98.6									
1981	2671	100.4	99.7	98.1	98.7	98.8	100.9	92.6	98.7
99.1									
1982	9121	100.2	99.5	97.9	98.4	98.5	101.1	92.9	98.4
98.9									
1983	15760	100.0	99.3	97.7	98.1	98.2	100.7	93.0	98.2
98.6									
1984	14685	100.3	99.2	97.9	98.2	98.5	101.2	92.4	98.3
98.8									
1985	17831	100.5	99.2	98.1	98.6	98.8	101.0	91.3	98.4
99.0									
1986	31687	100.5	99.1	98.0	98.4	98.7	100.8	91.6	98.3
98.8									
1987	42200	101.8	98.9	98.4	98.6	99.6	101.5	92.0	98.4
99.4									
1988	39895	101.8	98.7	98.4	98.4	99.5	101.5	91.5	98.3
99.3									
1989	57343	100.0	98.2	96.9	97.1	97.5	100.0	91.3	97.1
97.6									
1990	57743	100.1	97.9	96.8	96.9	97.5	100.0	91.2	96.9
97.5									
1991	48476	100.2	97.9	97.0	97.0	97.8	100.4	92.8	97.0
97.7									

1992	42536	100.6	97.9	97.3	97.2	98.2	100.8	93.4	97.3
98.2									
1993	45048	100.5	98.2	97.6	97.6	98.6	101.0	93.8	97.6
98.5									
1994	39446	100.0	98.0	97.2	97.3	98.2	101.1	94.5	97.2
98.2									
1995	36020	99.6	97.5	96.8	96.6	97.8	100.7	95.1	96.7
97.7									
1996	27751	99.5	97.5	96.9	96.6	97.9	100.8	96.3	96.8
97.8									
1997	19531	99.2	96.8	96.3	95.8	97.3	100.7	96.5	96.1
97.2									
1998	12478	98.8	97.2	96.3	96.0	97.2	100.5	96.7	96.3
97.2									
1999	8479	98.4	97.0	96.1	95.8	96.9	100.3	96.9	96.0
96.9									
2000	5828	98.4	97.0	96.1	95.9	97.0	100.4	97.2	96.0
97.0									
2001	5062	98.6	97.3	96.4	96.2	97.2	100.1	97.1	96.4
97.2									
2002	3655	98.2	97.4	96.2	96.1	97.0	99.8	97.6	96.3
97.0									
2003	3367	97.5	97.2	95.8	95.7	96.4	99.3	99.1	96.0
96.5									
2004	3024	97.5	97.5	96.0	95.9	96.5	99.4	99.6	96.2
96.7									
2005	2488	97.4	97.8	96.1	96.2	96.6	99.5	99.7	96.5
96.8									
2006	2724	97.3	97.2	95.9	95.6	96.6	99.9	100.0	96.0
96.7									
2007	2849	97.2	97.3	96.0	95.8	96.6	99.8	100.8	96.1
96.7									
2008	2980	97.4	97.2	96.0	95.8	96.6	99.9	101.0	96.1
96.7									
2009	2362	97.3	97.5	96.2	96.0	96.8	100.0	101.3	96.4
97.0									
2010	2187	97.6	97.4	96.4	96.1	97.1	100.0	101.5	96.4
97.1									
2011	2154	97.1	97.3	95.9	95.7	96.5	99.5	101.9	96.1
96.6									
2012	2235	97.0	97.5	96.1	95.9	96.6	99.2	102.1	96.2
96.7									
2013	2501	98.0	97.1	96.7	96.1	97.6	100.4	101.7	96.4
97.4									
2014	2177	98.0	97.2	96.9	96.3	97.6	99.8	102.7	96.6
97.4									
2015	2558	99.0	97.4	97.8	96.9	98.6	100.4	103.1	97.3
98.2									
2016	1816	98.6	97.4	97.6	96.9	98.5	100.4	103.0	97.2
98.2									

2017	1437	98.5	97.6	97.6	97.0	98.5	100.3	102.9	97.2
98.1									
2018	1231	98.7	97.9	98.0	97.4	98.9	100.3	103.1	97.7
98.5									
2019	1278	98.6	98.3	98.2	97.7	99.0	100.2	103.1	98.0
98.7									
2020	1292	98.4	98.5	98.3	97.9	99.0	100.2	103.6	98.2
98.7									
2021	1128	98.1	98.4	98.2	97.8	98.8	99.8	103.6	98.0
98.6									
2022	622	98.3	98.8	98.6	98.3	99.3	100.1	104.3	98.5
99.0									

Tabel: 141 MRIJ - Holstein Friesian roodbont: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	365	98.6	97.4	96.6	100.6	100.8
1981	512	97.6	97.4	97.4	101.3	101.6
1982	2025	97.8	96.5	97.3	101.3	101.3
1983	3708	98.2	96.1	97.0	101.0	100.9
1984	3355	97.7	95.8	96.9	100.9	101.0
1985	4311	97.6	94.9	96.6	100.7	101.0
1986	8462	97.3	94.9	96.5	100.5	100.7
1987	12051	97.1	94.8	96.2	100.1	100.6
1988	10937	97.1	95.1	96.2	100.0	100.6
1989	16247	98.6	96.2	96.2	99.5	99.5
1990	17004	98.6	96.3	96.3	99.5	99.5
1991	18025	99.0	96.5	96.2	99.6	99.5
1992	19444	98.8	96.4	96.3	99.6	99.6
1993	20019	99.4	96.6	96.7	100.2	99.8
1994	16294	99.2	95.9	96.6	100.0	99.8
1995	14513	99.3	96.3	96.1	98.8	99.6
1996	10709	99.4	96.7	96.1	98.7	99.7
1997	6939	98.7	96.8	96.1	98.7	99.2
1998	3617	98.5	96.0	96.4	99.1	99.2
1999	2498	98.5	96.0	96.2	98.8	98.7
2000	1555	98.1	96.1	96.6	99.3	99.0
2001	1399	98.3	95.8	96.2	98.6	98.2
2002	967	98.8	96.5	96.8	99.0	99.0
2003	879	98.7	96.9	96.3	98.6	98.5
2004	811	98.6	96.6	96.6	98.6	98.3
2005	674	98.6	96.4	96.5	98.4	98.2
2006	708	98.8	97.4	96.5	98.4	98.1
2007	706	98.8	97.6	97.0	98.9	98.6
2008	767	99.0	97.5	97.0	98.7	98.4

2009	602	98.5	97.2	97.2	98.8	98.4
2010	620	98.4	97.6	97.5	99.1	98.5
2011	616	98.5	98.2	97.7	99.1	98.5
2012	520	98.9	98.3	98.0	99.4	98.5
2013	582	98.6	97.8	98.2	99.8	99.1
2014	551	99.0	98.5	98.1	99.4	98.5
2015	741	100.6	99.3	97.2	98.6	97.5
2016	464	99.7	98.9	98.5	99.8	98.7
2017	366	99.5	99.3	99.2	100.4	99.3
2018	332	99.5	99.4	99.4	100.6	99.4
2019	317	99.2	100.0	99.7	100.9	99.8
2020	292	99.9	100.0	99.6	100.9	99.5
2021	216	99.4	99.8	100.1	101.3	99.8
2022	22	98.5	99.5	100.4	101.5	100.0

Tabel: 142 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	636	-217.8	-369.9	79.3	100.8	98.6	92.5	86.2	96.3
0.0									
1981	828	-191.2	-359.7	76.0	101.6	99.1	93.0	86.6	96.7
0.0									
1982	4076	-206.1	-366.0	30.7	101.4	98.9	93.4	87.2	96.7
0.0									
1983	7394	-212.6	-353.6	-42.2	101.0	98.6	93.1	87.3	96.7
0.0									
1984	7742	-225.4	-349.1	-198.3	101.1	98.8	93.1	87.4	96.7
0.0									
1985	11157	-223.3	-350.6	-318.7	101.0	99.0	94.6	87.9	97.5
207.5									
1986	22219	-232.1	-343.3	-406.7	100.7	98.8	94.7	88.0	97.1
192.0									
1987	32095	-225.5	-352.5	-490.0	100.4	99.4	94.2	90.1	96.9
163.0									
1988	34065	-228.9	-355.6	-530.2	100.4	99.3	94.0	90.5	96.9
146.9									
1989	50362	-249.1	-328.9	-529.5	99.5	97.6	92.5	89.8	96.4
121.4									
1990	50980	-244.9	-319.7	-517.5	99.5	97.5	93.1	89.6	96.1
119.8									
1991	41799	-233.3	-302.3	-497.3	99.5	97.7	93.9	90.0	96.2
120.8									

1992	36167	-220.3	-289.6	-471.6	99.6	98.2	94.6	90.3	96.2
117.2									
1993	38906	-198.6	-260.0	-436.9	100.0	98.5	95.3	90.4	96.4
108.4									
1994	33530	-184.7	-218.2	-412.5	99.9	98.2	95.7	90.4	96.6
96.0									
1995	30690	-177.9	-187.3	-377.1	99.2	97.7	96.3	90.5	96.8
95.8									
1996	23482	-160.3	-167.7	-328.0	99.2	97.8	97.0	91.7	97.2
88.8									
1997	16363	-162.0	-134.5	-322.8	98.9	97.2	96.5	91.4	97.0
89.7									
1998	10202	-159.0	-130.6	-322.1	99.1	97.2	96.6	91.5	96.9
86.6									
1999	6946	-147.3	-113.3	-299.0	98.6	96.9	97.9	92.1	97.2
85.1									
2000	4916	-129.7	-111.9	-276.5	99.0	97.0	98.4	93.4	97.6
81.4									
2001	4281	-129.4	-94.1	-240.3	98.2	97.2	98.3	93.4	97.5
76.3									
2002	2994	-107.5	-72.0	-197.9	98.9	97.0	98.7	94.2	97.3
70.7									
2003	2732	-107.0	-55.2	-185.2	98.4	96.5	99.1	94.4	97.0
56.4									
2004	2476	-91.5	-33.6	-148.1	98.3	96.7	99.9	94.8	97.0
52.6									
2005	2095	-88.4	-34.1	-150.9	98.1	96.8	99.9	95.3	97.0
45.6									
2006	2298	-74.4	7.1	-81.4	98.0	96.7	99.8	95.4	97.3
50.4									
2007	2313	-59.3	11.3	-63.1	98.6	96.7	100.7	96.0	97.4
48.5									
2008	2412	-57.7	30.2	-82.9	98.3	96.7	100.9	95.8	97.5
38.3									
2009	1907	-49.2	36.5	-66.9	98.4	97.0	101.4	96.0	97.5
35.4									
2010	1805	-35.8	47.7	-28.5	98.6	97.1	102.0	96.7	97.6
31.6									
2011	1737	-28.6	72.9	-10.3	98.7	96.6	101.7	97.5	97.3
28.6									
2012	1822	-17.7	90.6	7.7	98.8	96.7	102.0	97.8	97.4
23.6									
2013	2063	-1.3	101.3	13.8	99.3	97.4	102.9	97.7	97.9
26.5									
2014	1829	5.8	116.0	47.1	98.7	97.4	103.5	98.2	98.2
23.4									
2015	2081	2.3	115.3	43.9	97.7	98.2	103.9	98.1	98.2
21.1									
2016	1443	25.1	129.5	75.9	99.1	98.2	104.3	98.7	98.4
17.3									

2017	1167	39.1	140.1	97.7	99.7	98.1	104.8	99.1	98.5
13.3									
2018	1011	48.6	143.5	103.9	99.9	98.5	104.9	99.6	98.7
3.9									
2019	1001	59.2	142.7	133.3	100.3	98.7	104.4	100.1	98.9
1.6									
2020	1052	69.9	163.1	156.4	100.1	98.7	105.1	100.4	98.9
2.9									
2021	900	85.6	189.9	186.4	100.5	98.6	105.3	100.5	99.1
-10.0									
2022	223	108.7	209.9	248.8	100.7	99.0	106.4	100.7	99.3
-28.2									

Tabel: 143 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	13	95.1	96.9	98.3	97.2	95.2	97.5	98.0
1981	26	94.3	96.8	97.5	96.5	95.0	96.7	98.1
1982	221	94.3	96.7	97.7	96.7	95.0	96.6	97.9
1983	265	93.7	95.7	97.8	96.6	94.3	96.3	97.0
1984	247	94.0	95.8	98.0	96.9	94.4	96.3	97.1
1985	204	94.3	95.6	98.4	97.5	95.0	96.3	96.7
1986	270	93.4	94.6	98.0	97.1	94.5	96.0	96.5
1987	1560	93.2	93.1	98.8	98.2	93.6	95.1	95.1
1988	1581	93.5	93.2	99.2	98.5	93.7	95.4	94.9
1989	4085	93.6	94.3	99.5	97.5	93.4	95.8	94.3
1990	4587	93.5	94.4	99.3	97.5	93.5	95.9	94.2
1991	4593	92.7	93.9	98.2	96.5	93.4	95.6	95.2
1992	3895	92.5	93.9	97.8	96.5	93.5	95.6	95.3
1993	5385	92.2	94.2	97.2	96.3	93.5	95.7	95.5
1994	5448	93.1	94.6	98.2	96.9	93.6	96.4	95.3
1995	8926	93.9	95.0	99.1	97.4	93.6	97.3	94.9
1996	5290	93.9	94.4	99.1	97.7	93.5	97.5	95.0
1997	4809	92.8	93.8	98.2	97.0	93.3	95.9	95.1
1998	2963	92.7	93.7	98.1	97.2	93.1	96.2	94.9
1999	2002	93.4	94.4	98.5	97.4	93.7	96.7	95.3
2000	1248	93.6	94.9	98.2	97.3	94.1	96.9	95.8
2001	1143	93.8	94.9	98.3	97.3	94.6	97.3	95.8
2002	784	93.9	95.3	98.1	97.4	95.0	97.7	95.8
2003	771	94.4	95.9	98.1	97.7	95.6	97.2	96.6
2004	786	94.5	96.1	98.1	97.7	95.9	96.6	96.8
2005	620	95.2	96.5	98.2	98.2	96.4	97.4	97.3
2006	706	95.2	96.6	98.2	98.1	96.3	97.3	97.4
2007	706	95.4	97.2	98.1	97.9	96.8	97.2	97.7
2008	850	95.2	96.7	98.1	98.1	96.5	96.8	97.7

2009	702	95.1	97.1	97.6	97.8	97.1	96.7	98.1
2010	691	95.5	97.3	97.7	98.0	97.2	97.4	98.7
2011	649	96.0	97.5	97.9	98.4	97.6	97.8	98.9
2012	624	96.5	97.9	98.1	98.6	98.0	98.4	99.2
2013	705	96.7	98.4	98.3	98.2	98.7	98.2	99.2
2014	682	96.8	98.2	98.1	98.2	98.7	98.6	99.7
2015	819	96.3	97.2	97.8	98.2	97.9	99.3	99.7
2016	544	96.7	97.9	97.9	98.2	98.8	99.1	100.0
2017	372	97.3	98.3	98.2	98.6	99.2	99.5	100.5
2018	309	97.9	98.9	98.4	98.9	99.5	99.6	100.8
2019	292	98.4	98.9	98.8	99.4	99.8	99.8	100.9
2020	270	99.0	99.1	99.4	99.8	99.8	100.5	101.3
2021	186	98.4	98.9	98.9	99.2	99.9	100.3	101.0
2022	25	98.4	98.6	99.0	99.4	99.6	100.1	101.1

Tabel: 144 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	404	96.5	97.6	96.5	97.6	98.1	97.6
1981	639	97.0	97.8	97.0	97.8	98.5	98.2
1982	2862	96.4	98.1	96.4	98.1	97.8	98.1
1983	5183	96.7	97.9	96.7	97.9	97.9	98.5
1984	5225	97.2	97.7	97.2	97.7	98.5	98.4
1985	7222	98.3	97.8	98.3	97.8	99.3	99.1
1986	14990	98.1	97.6	98.1	97.6	99.1	98.8
1987	21536	97.4	98.1	97.4	98.1	98.6	99.2
1988	21264	97.3	98.1	97.3	98.1	98.5	99.1
1989	33573	96.2	98.7	96.2	98.7	98.1	99.2
1990	39651	96.0	98.6	96.0	98.6	98.0	98.9
1991	39529	96.4	98.5	96.4	98.5	98.3	98.8
1992	35978	96.7	98.3	96.7	98.3	98.2	98.4
1993	45168	96.8	98.5	96.8	98.5	98.6	98.1
1994	45377	97.1	98.5	97.1	98.5	98.9	98.0
1995	42560	97.4	98.3	97.4	98.3	99.2	98.1
1996	35112	97.8	98.5	97.8	98.5	99.3	98.5
1997	26037	97.9	98.3	97.9	98.3	99.4	98.4
1998	16923	97.8	98.3	97.8	98.3	99.2	98.3
1999	12133	98.4	98.1	98.4	98.1	99.8	98.3
2000	8826	98.7	98.4	98.7	98.4	100.0	98.9
2001	6904	98.7	98.2	98.7	98.2	100.1	98.8
2002	5416	98.3	98.3	98.3	98.3	100.0	98.8
2003	4749	98.4	97.8	98.4	97.8	99.8	98.4
2004	4233	98.5	97.8	98.5	97.8	99.9	98.6
2005	3398	98.5	97.8	98.5	97.8	99.8	98.5
2006	3404	98.9	97.9	98.9	97.9	100.3	98.7
2007	3243	99.1	97.8	99.1	97.8	100.9	98.5



2008	3357	99.1	98.0	99.1	98.0	100.7	98.9
2009	2921	99.2	97.9	99.2	97.9	100.8	98.8
2010	2721	99.2	98.0	99.2	98.0	100.7	98.7
2011	2564	99.1	97.7	99.1	97.7	100.7	98.6
2012	2596	99.0	97.9	99.0	97.9	100.6	98.8
2013	2754	99.3	98.2	99.3	98.2	101.0	98.7
2014	2520	99.4	98.5	99.4	98.5	101.3	99.2
2015	3177	98.8	98.9	98.9	98.9	101.4	99.5
2016	2536	99.2	98.8	99.2	98.8	101.7	99.5
2017	2132	99.5	98.6	99.5	98.6	102.0	99.4
2018	1905	99.5	98.8	99.5	98.8	102.0	99.7
2019	1730	99.5	99.0	99.5	99.0	102.1	99.9
2020	1710	99.2	99.1	99.2	99.1	101.9	99.9
2021	1591	99.2	99.3	99.2	99.3	101.9	100.1
2022	1416	99.3	99.5	99.3	99.5	102.0	100.1
2023	1261	99.2	99.6	99.2	99.6	102.0	100.1
2024	554	99.5	99.7	99.5	99.7	102.2	100.3

Tabel: 145 MRIJ - Holstein Friesian roodbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	468	95.7	104.0	104.9	99.0	100.9	99.7
1981	584	97.7	103.0	103.0	99.3	100.2	98.6
1982	2669	97.0	103.5	103.5	98.9	100.1	98.7
1983	5956	96.0	103.7	104.5	98.8	100.5	99.7
1984	5446	96.9	103.4	103.4	97.8	100.4	100.5
1985	6823	99.2	101.7	101.1	97.8	99.9	99.9
1986	13753	98.4	102.0	101.9	98.2	99.1	99.1
1987	19005	97.7	102.8	102.9	97.9	99.8	101.5
1988	17391	97.4	102.9	103.0	97.5	99.9	101.7
1989	22760	94.4	102.8	105.7	98.1	100.7	101.2
1990	23364	94.5	102.9	105.6	97.7	100.7	101.4
1991	22416	94.9	102.6	105.2	98.0	100.9	100.9
1992	20691	95.8	102.8	104.3	97.8	100.6	100.4
1993	20541	96.1	102.0	104.0	98.3	100.7	100.0
1994	18272	96.4	102.2	103.9	98.9	100.5	99.9
1995	17418	96.5	102.4	103.9	98.5	100.6	100.4
1996	14087	96.9	102.5	103.7	99.1	100.6	100.0
1997	9291	96.5	102.6	104.0	98.2	100.3	100.3
1998	5717	96.7	102.8	103.7	98.5	100.6	100.2
1999	4186	97.4	102.0	103.1	98.4	100.6	100.2
2000	3076	97.3	101.6	103.2	99.0	99.8	99.5
2001	2796	97.1	101.4	103.5	99.1	99.7	99.6
2002	2019	96.6	101.4	103.8	99.1	100.3	99.8
2003	1904	96.6	101.9	103.8	98.2	101.2	100.4
2004	1907	96.5	101.7	103.9	98.3	101.1	100.2

2005	1771	96.4	101.5	103.9	98.2	101.6	100.5
2006	1935	97.1	101.8	103.4	98.1	100.5	100.2
2007	2338	98.1	101.2	102.4	96.8	101.0	102.0
2008	2414	97.6	101.1	102.9	97.6	101.0	101.5
2009	2133	97.5	101.4	103.1	97.8	101.6	101.3
2010	2017	97.2	101.4	103.2	97.8	101.6	101.0
2011	1908	97.1	101.2	103.4	97.8	101.4	100.7
2012	1885	97.1	101.2	103.4	98.0	101.2	100.5
2013	2041	98.8	100.5	101.8	96.4	101.6	102.6
2014	1913	98.5	100.5	102.2	97.7	100.9	101.5
2015	2335	98.0	100.4	102.3	97.1	101.3	101.3
2016	1822	98.6	100.5	101.9	97.4	100.8	101.3
2017	1471	98.5	100.3	102.2	98.3	100.4	100.5
2018	1362	98.9	100.2	101.9	99.0	100.4	100.2
2019	1173	98.7	100.5	102.2	99.7	100.2	99.9
2020	1110	98.1	100.4	102.8	100.3	100.0	99.3
2021	928	98.5	100.3	102.4	100.3	100.5	99.7
2022	854	98.8	100.0	102.1	100.2	100.2	99.8
2023	631	100.0	99.3	101.0	100.4	100.0	99.6
2024	246	99.8	99.7	101.1	100.4	100.3	99.4

Tabel: 146 MRIJ - Holstein Friesian roodbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	533	100.8	97.9	100.3	100.0	99.0	99.3	101.6	98.8	101.1
98.8	101.1									
1981	801	100.9	98.6	99.3	99.9	99.8	98.9	101.4	99.0	101.5
98.4	100.8									
1982	3106	101.0	98.2	99.5	99.8	99.6	98.7	101.7	99.3	101.1
98.8	100.4									
1983	5738	101.6	98.5	99.7	99.8	100.7	98.3	102.1	99.1	101.8
98.5	101.2									
1984	5394	101.7	99.0	99.5	99.9	101.0	98.1	102.2	99.0	102.0
98.3	101.1									
1985	7243	101.5	99.2	98.4	99.8	100.5	97.3	102.2	98.9	101.5
97.6	100.8									
1986	14381	101.5	98.4	98.8	99.6	100.3	97.3	102.3	99.1	101.1
97.7	100.5									
1987	20229	103.1	99.4	98.3	100.8	102.4	96.9	104.0	98.3	102.7
97.1	102.7									
1988	19665	103.0	99.9	98.3	100.9	102.8	97.2	103.8	98.2	103.0
97.4	102.6									

1989	30111	102.8	100.2	99.1	100.7	102.7	97.7	103.3	98.4	103.1
		97.6	103.0							
1990	34748	102.6	100.0	99.6	100.6	102.3	97.8	103.0	98.7	102.9
		97.7	102.9							
1991	33602	102.1	98.6	99.2	100.2	101.2	97.7	102.8	98.9	101.7
		97.5	102.2							
1992	34030	101.8	98.3	99.3	100.0	100.8	97.7	102.5	98.9	101.3
		97.6	101.7							
1993	38417	101.9	97.6	99.9	100.0	100.5	97.5	102.5	99.3	100.5
		97.7	101.7							
1994	34557	101.6	97.1	100.3	100.3	99.5	98.2	102.3	99.7	99.7
		98.0	102.1							
1995	32151	101.2	96.2	100.5	100.0	98.3	98.6	101.9	100.3	98.7
		97.9	101.9							
1996	29504	100.4	95.9	100.7	100.1	97.2	99.6	100.9	100.5	98.4
		98.4	101.7							
1997	24271	99.7	95.3	100.9	99.5	96.7	99.4	100.4	100.1	98.0
		98.2	100.7							
1998	14161	99.5	94.8	100.9	99.5	96.5	99.3	100.3	100.1	97.7
		98.1	100.6							
1999	11445	99.3	94.8	100.8	99.4	96.4	99.3	100.0	100.2	97.4
		98.2	100.2							
2000	7166	99.4	94.8	100.6	99.9	96.2	99.5	100.0	100.7	97.2
		98.7	99.9							
2001	5855	99.0	94.4	101.5	99.3	96.2	99.8	99.7	100.3	96.9
		99.2	99.4							
2002	5239	99.4	95.0	101.4	99.8	96.5	99.9	100.1	100.6	97.3
		99.2	99.8							
2003	4525	98.8	94.7	101.0	99.9	95.7	100.0	99.3	100.8	96.8
		98.8	99.7							
2004	3967	98.8	94.3	101.1	99.6	95.8	99.9	99.3	100.9	96.6
		98.8	99.5							
2005	3200	98.9	94.3	100.9	100.0	95.4	99.8	99.5	101.0	96.2
		98.9	99.6							
2006	3158	98.3	93.3	102.0	99.0	95.0	100.4	98.9	101.2	95.5
		99.7	98.4							
2007	2758	97.8	93.3	101.6	98.3	95.1	100.4	98.2	100.8	95.8
		99.1	98.1							
2008	2655	98.0	93.1	101.3	98.8	94.8	100.2	98.7	100.7	95.5
		98.9	98.4							
2009	2304	97.8	93.0	101.8	99.1	94.3	100.8	98.5	101.0	95.2
		99.6	98.2							
2010	1968	97.4	92.5	101.6	98.7	93.9	100.5	98.3	100.5	94.8
		99.3	98.1							
2011	1525	97.0	92.0	101.6	98.4	93.4	100.7	98.0	100.3	94.4
		99.1	98.0							
2012	1030	96.8	92.2	101.3	98.8	93.3	100.9	98.0	99.9	94.3
		99.3	98.1							
2013	971	96.6	91.6	101.3	98.3	93.2	100.9	98.1	99.4	93.9
		98.9	97.8							

2014	780	96.4	91.2	101.5	98.1	92.9	100.9	97.9	99.5	93.6
99.1	97.7									
2015	857	95.9	91.1	101.3	98.2	92.3	101.4	97.2	99.8	93.4
99.5	97.3									
2016	551	96.3	91.0	101.5	98.1	92.7	100.8	97.8	99.5	93.5
99.1	97.4									
2017	404	96.4	91.3	101.0	98.2	93.0	100.5	98.2	99.1	93.5
99.0	97.5									
2018	328	96.8	91.9	101.0	98.6	93.2	100.6	98.3	99.7	93.8
99.1	97.8									
2019	333	97.2	92.6	101.0	99.2	93.7	100.7	98.5	99.8	94.2
99.4	98.3									
2020	297	97.3	92.2	101.2	99.0	93.6	100.6	98.7	99.8	94.0
99.5	98.2									
2021	218	96.9	91.7	101.3	98.8	93.2	100.8	98.5	99.5	93.6
99.6	97.9									
2022	23	96.5	91.7	101.2	98.7	93.0	100.9	98.0	99.2	93.7
98.9	98.3									

Tabel: 147 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	398	98.4	97.8	100.5
1981	634	99.4	98.6	101.5
1982	2858	98.4	97.8	101.3
1983	5183	98.4	97.9	101.2
1984	5200	98.1	97.5	101.3
1985	7162	98.5	97.6	102.0
1986	14917	98.5	97.7	101.8
1987	21365	98.2	97.3	101.4
1988	21095	98.2	97.3	101.5
1989	33230	97.4	97.1	101.3
1990	39063	97.0	96.8	101.1
1991	38462	97.1	96.8	101.2
1992	34968	97.0	96.7	101.2
1993	47585	96.7	96.5	101.2
1994	51034	97.0	96.9	101.2
1995	48705	97.5	97.2	101.3
1996	40882	97.7	97.4	101.0
1997	31043	97.9	97.6	101.0
1998	20627	97.8	97.5	101.0
1999	14888	98.1	97.8	101.3
2000	10579	97.8	97.7	101.3
2001	8099	97.9	97.7	101.2
2002	6435	98.4	98.1	101.2

2003	5698	98.4	98.2	101.0
2004	4957	98.4	98.1	100.9
2005	3960	98.4	98.1	101.0
2006	3924	98.5	98.2	101.0
2007	3711	99.2	98.7	101.7
2008	3850	98.9	98.3	101.5
2009	3340	98.6	98.1	101.0
2010	3116	98.8	98.4	101.0
2011	2933	99.0	98.7	100.8
2012	2923	99.0	98.8	100.6
2013	3077	99.2	98.8	100.8
2014	2800	99.1	98.7	100.9
2015	3547	99.6	99.1	100.6
2016	2857	99.7	99.2	100.8
2017	2395	99.9	99.5	101.0
2018	2108	99.9	99.4	100.9
2019	1899	100.2	99.8	101.1
2020	1912	100.4	100.0	101.2
2021	1849	100.5	100.0	101.1
2022	1750	100.5	100.0	101.1
2023	1549	100.3	99.8	101.1
2024	645	100.3	99.8	101.0

Tabel: 148 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	4283	-2547.1	-9077.6	-376.5	-329.7
2002	2993	-2200.7	-7969.2	-321.7	-287.3
2003	2734	-2060.8	-7524.0	-301.4	-269.0
2004	2482	-1740.5	-6475.6	-250.6	-229.9
2005	2105	-1747.7	-6433.3	-256.0	-227.9
2006	2307	-1138.6	-4265.7	-166.1	-148.9
2007	2320	-1001.3	-3873.0	-141.4	-134.2
2008	2415	-1066.8	-4120.0	-151.9	-142.1
2009	1911	-924.5	-3641.9	-131.9	-122.9
2010	1822	-613.7	-2440.1	-86.2	-82.5
2011	1770	-388.5	-1696.4	-51.5	-54.4
2012	1840	-182.1	-962.0	-18.9	-29.2
2013	2091	-111.5	-780.5	-12.7	-17.0
2014	1855	194.6	368.5	33.7	21.7
2015	2110	203.6	485.8	39.0	20.2
2016	1495	511.0	1499.1	82.5	61.3
2017	1193	739.6	2269.2	117.7	89.9
2018	1037	800.7	2458.7	129.7	95.7
2019	1022	1026.0	3156.7	164.9	123.6
2020	1070	1265.2	4004.2	205.0	151.2

2021	925	1606.0	5071.2	257.6	193.7
2022	246	2149.0	7110.6	339.0	263.2

Tabel: 149 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	75	93.1	94.2	99.1	89.6
1981	95	92.7	97.2	98.5	90.7
1982	432	92.3	96.2	99.0	90.4
1983	611	93.5	93.7	98.6	89.5
1984	479	92.9	94.9	98.9	90.0
1985	758	93.3	95.6	98.1	90.1
1986	1273	92.9	94.5	98.5	89.2
1987	2162	93.6	92.1	98.4	88.5
1988	1823	93.7	91.8	98.3	88.3
1989	2562	93.9	87.2	97.5	85.0
1990	2318	93.8	86.5	97.4	84.5
1991	2172	94.3	88.5	97.9	86.5
1992	1984	94.1	89.5	98.2	87.2
1993	2251	94.3	89.9	98.0	87.6
1994	1951	94.4	88.4	98.1	86.8
1995	2063	95.0	87.5	97.9	86.5
1996	1713	95.2	88.2	97.9	87.1
1997	1167	94.8	88.9	98.3	87.4
1998	734	94.9	89.4	97.9	87.4
1999	524	94.9	89.5	98.0	87.4
2000	347	94.2	89.8	98.0	87.1
2001	381	94.8	90.7	97.5	87.5
2002	264	95.2	91.3	97.6	88.5
2003	258	95.6	92.3	97.6	89.3
2004	283	95.7	92.5	97.6	89.6
2005	233	95.9	93.0	97.4	89.6
2006	302	96.7	93.1	97.2	90.5
2007	325	96.8	92.9	97.7	90.9
2008	326	96.9	92.6	97.6	90.7
2009	328	96.6	93.0	97.3	90.4
2010	355	96.6	93.4	97.5	90.8
2011	393	96.5	94.7	97.2	91.2
2012	346	97.1	95.4	97.2	92.3
2013	410	97.9	96.2	97.7	93.9
2014	413	98.2	97.5	97.4	94.5
2015	585	100.0	98.0	97.5	96.3
2016	374	99.3	99.7	97.4	97.0
2017	299	99.7	101.2	97.1	98.1
2018	254	99.7	101.9	97.2	98.6
2019	282	99.6	103.9	97.3	99.8

2020	296	101.0	105.0	97.1	101.6
2021	273	101.3	105.7	97.7	102.8
2022	67	100.9	107.0	97.0	102.9

Tabel: 150 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	636	93.9	99.0	0	0.0	0.0	0	0.0
1981	828	93.1	98.8	0	0.0	0.0	0	0.0
1982	4076	93.5	98.9	0	0.0	0.0	0	0.0
1983	7394	94.0	99.2	0	0.0	0.0	0	0.0
1984	7742	94.1	99.2	0	0.0	0.0	0	0.0
1985	11157	93.3	99.1	8939	-4.1	207.5	0	0.0
1986	22219	93.5	99.1	16007	-3.9	192.0	0	0.0
1987	32095	93.2	99.0	21691	-3.6	163.0	0	0.0
1988	34065	93.6	98.9	19313	-3.4	146.9	0	0.0
1989	50362	94.4	98.8	27371	-3.0	121.4	0	0.0
1990	50980	94.6	98.7	27449	-2.9	119.8	0	0.0
1991	41799	94.0	98.5	22643	-2.9	120.8	0	0.0
1992	36167	94.0	98.5	19702	-2.8	117.2	0	0.0
1993	38906	94.3	98.8	20621	-2.5	108.4	0	0.0
1994	33530	94.1	98.9	16951	-2.1	96.0	0	0.0
1995	30690	93.6	98.4	15396	-1.9	95.8	0	0.0
1996	23482	93.5	98.3	11384	-1.7	88.8	0	0.0
1997	16363	94.1	98.1	7336	-1.5	89.7	0	0.0
1998	10202	94.2	98.3	3897	-1.5	86.6	0	0.0
1999	6946	94.2	98.3	2710	-1.4	85.1	0	0.0
2000	4916	94.4	98.2	1707	-1.3	81.4	0	0.0
2001	4281	95.1	98.2	1491	-1.1	76.3	1483	94.4
2002	2994	94.9	98.3	1011	-1.0	70.7	1005	94.8
2003	2732	95.1	98.4	961	-0.7	56.4	958	95.7
2004	2476	95.3	98.6	913	-0.5	52.6	911	95.9
2005	2095	95.0	98.4	728	-0.4	45.6	724	96.4
2006	2298	95.9	98.6	767	-0.3	50.4	763	95.8
2007	2313	95.8	98.8	795	-0.3	48.5	791	96.0
2008	2412	95.8	98.6	905	-0.1	38.3	902	96.7
2009	1907	96.1	98.8	765	-0.0	35.4	763	96.9
2010	1805	95.9	98.8	748	0.1	31.6	745	97.0
2011	1737	96.4	98.9	724	0.2	28.6	716	97.2
2012	1822	96.4	99.1	671	0.3	23.6	664	97.6
2013	2063	96.3	99.2	747	0.4	26.5	720	97.1
2014	1829	96.7	99.0	712	0.6	23.4	699	97.3
2015	2081	97.0	98.7	859	0.6	21.1	848	97.4
2016	1443	97.0	99.1	553	0.6	17.3	550	97.7
2017	1167	97.0	99.3	424	0.7	13.3	406	97.9

2018	1011	97.1	99.3	352	0.8	3.9	330	98.6
2019	1001	97.2	99.4	345	0.8	1.6	339	99.0
2020	1052	97.8	99.6	313	1.0	2.9	301	98.5
2021	900	98.3	99.6	231	1.3	-10.0	222	98.8
2022	223	98.1	99.7	42	1.3	-28.2	25	99.7
2023	0	0.0	0.0	31	1.3	-45.0	0	0.0

Tabel: 151 MRIJ - Holstein Friesian roodbont: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	142	99.5	0	0.0	0	0.0	142	93.9
1981	189	99.6	2	99.0	2	96.0	189	94.4
1982	788	99.7	1	100.0	1	93.0	788	94.9
1983	1256	99.5	0	0.0	0	0.0	1256	93.5
1984	1159	99.4	0	0.0	0	0.0	1159	92.8
1985	1613	99.3	1	106.0	1	93.0	1613	92.6
1986	3012	99.3	1	101.0	1	98.0	3012	92.9
1987	4403	99.5	4	97.8	4	97.8	4403	93.6
1988	3922	99.6	0	0.0	0	0.0	3922	94.1
1989	5468	99.5	1	98.0	1	95.0	5468	93.5
1990	5684	99.4	11	97.8	11	96.3	5684	93.2
1991	5284	99.1	139	97.3	139	97.9	5284	92.5
1992	4857	99.1	128	96.9	128	98.1	4857	92.4
1993	5188	99.1	100	97.3	100	98.1	5188	92.5
1994	4743	98.8	232	100.0	214	95.8	4743	92.2
1995	4762	99.4	439	103.4	423	95.8	4762	92.1
1996	3999	99.4	296	103.1	271	95.7	3999	92.1
1997	3073	98.9	259	100.7	235	96.2	3073	91.8
1998	2017	99.0	136	101.0	121	96.6	2017	91.7
1999	1555	99.3	104	102.2	89	97.0	1555	92.0
2000	1152	99.4	56	101.7	51	97.3	1152	92.7
2001	1189	99.5	51	101.9	50	98.2	1189	92.9
2002	918	99.5	31	102.4	28	96.9	918	92.8
2003	935	99.2	40	101.3	39	97.5	935	93.2
2004	1039	99.1	48	99.3	46	97.4	1039	93.2
2005	978	99.1	42	100.4	40	97.5	978	93.7
2006	1223	99.1	61	99.4	55	97.9	1223	93.8
2007	1334	99.2	53	100.1	51	97.6	1334	94.1
2008	1577	99.3	56	100.9	57	97.6	1577	94.5
2009	1453	99.4	37	100.6	36	98.6	1453	94.8
2010	1610	99.5	51	100.6	54	97.5	1610	94.7
2011	1578	99.5	40	100.8	52	98.6	1578	95.0
2012	1624	99.4	38	101.2	41	97.8	1624	95.4
2013	1846	99.7	55	101.8	57	97.9	1846	96.1
2014	1649	99.6	40	101.0	42	97.7	1649	96.1
2015	1882	99.9	75	101.3	70	97.1	1882	96.7



2016	1312	99.9	43	101.6	38	97.3	1312	96.9
2017	1040	99.8	34	100.7	32	98.2	1040	96.8
2018	908	100.0	11	101.1	18	97.8	908	97.4
2019	893	100.0	13	101.9	25	98.0	893	97.7
2020	940	100.0	16	101.4	23	98.3	940	97.8
2021	801	99.9	1	101.0	7	96.9	801	98.1
2022	210	99.9	0	0.0	0	0.0	210	98.0

Tabel: 152 MRIJ - Holstein Friesian roodbont: Reproductiestoornissen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	52	102.1	100.9	102.3	101.6	99.7	101.2
1981	52	102.7	101.8	102.9	101.7	100.0	101.9
1982	261	102.7	102.2	102.9	102.0	99.9	101.8
1983	326	101.5	100.8	101.8	101.3	99.2	100.8
1984	210	101.1	100.5	101.5	100.5	99.1	100.7
1985	88	100.9	100.3	101.0	100.5	99.1	100.3
1986	60	100.1	99.4	100.2	99.9	98.9	100.1
1987	149	99.3	98.4	99.0	98.9	99.2	99.9
1988	194	100.0	99.1	99.8	99.5	99.7	100.4
1989	900	100.7	99.5	100.8	100.8	99.2	99.9
1990	792	100.6	99.4	100.7	100.7	99.2	99.8
1991	860	100.8	99.9	100.8	100.8	99.3	100.1
1992	584	100.6	100.0	100.5	100.6	99.2	99.9
1993	870	100.8	100.1	100.6	100.2	100.3	100.7
1994	1052	100.9	100.6	100.9	100.0	100.2	101.1
1995	1054	99.9	99.6	100.3	99.1	99.4	100.0
1996	920	98.9	98.6	99.2	98.5	98.6	99.0
1997	664	99.2	98.9	99.1	98.9	98.9	99.2
1998	385	99.2	98.6	99.3	99.0	98.8	99.3
1999	284	99.6	99.0	99.8	99.3	98.8	99.5
2000	194	100.0	99.5	100.0	99.7	98.9	99.9
2001	203	100.6	100.2	100.6	99.9	99.5	100.7
2002	135	100.5	100.0	100.5	100.1	99.6	100.3
2003	132	99.9	99.8	99.4	99.5	99.2	100.0
2004	148	100.5	100.5	99.7	99.7	99.8	100.9
2005	128	100.7	100.6	99.8	99.9	100.0	101.0
2006	184	101.3	101.3	100.5	100.6	100.4	101.5
2007	183	101.4	101.3	100.5	100.8	100.1	101.1
2008	208	101.8	101.6	100.9	101.2	100.1	101.5
2009	183	101.3	101.2	100.7	100.7	100.0	101.4
2010	176	101.4	101.1	100.6	100.8	99.9	101.5
2011	162	101.2	101.0	100.2	100.7	100.0	101.2
2012	198	100.2	99.9	99.6	99.9	99.6	100.5
2013	194	101.0	100.6	100.3	100.8	99.6	100.7
2014	173	100.9	100.2	100.2	100.7	99.6	100.8

2015	224	101.7	101.2	101.1	101.5	100.2	101.2
2016	135	101.4	101.0	100.6	101.1	99.8	100.8
2017	118	101.4	100.9	100.8	101.4	99.7	100.8
2018	80	100.8	100.4	100.3	100.5	99.6	100.5
2019	83	100.1	99.7	99.5	100.0	99.5	99.7
2020	67	100.4	99.6	99.8	100.1	99.9	100.4
2021	48	100.5	99.7	100.2	100.1	100.1	100.9

Tabel: 153 Jersey: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	90	-3429.9	-70.6	-100.4	-155.3	177.5	49.2	2.0	-643.3
1981	107	-3839.3	-83.0	-112.7	-174.1	209.7	59.7	1.7	-733.5
1982	137	-3921.9	-79.0	-113.7	-177.8	229.3	64.9	1.8	-726.0
1983	143	-3750.7	-78.6	-109.7	-170.0	206.7	58.3	1.8	-707.7
1984	231	-3940.3	-81.5	-116.1	-178.7	228.4	61.5	1.8	-743.9
1985	229	-4028.2	-85.5	-119.3	-182.6	233.1	62.4	2.0	-769.5
1986	305	-3837.3	-83.5	-113.9	-174.0	210.6	57.3	1.9	-740.2
1987	381	-3911.3	-84.5	-115.4	-177.3	218.1	61.0	2.0	-749.7
1988	434	-3946.3	-85.0	-116.0	-178.9	222.6	63.0	1.9	-753.8
1989	315	-3822.6	-82.6	-111.9	-173.3	210.9	61.0	1.9	-728.8
1990	460	-3879.5	-84.0	-113.6	-175.9	214.5	62.1	1.9	-740.8
1991	233	-3714.4	-79.8	-109.5	-168.3	202.9	56.3	1.9	-710.6
1992	323	-3528.8	-80.6	-104.4	-159.9	174.4	50.7	1.8	-690.7
1993	244	-3341.5	-75.5	-98.4	-151.3	160.3	47.0	1.7	-649.6
1994	268	-3211.5	-71.4	-93.7	-145.3	153.5	45.9	1.8	-617.4
1995	263	-3246.0	-71.8	-94.9	-147.0	155.1	45.8	1.7	-623.3
1996	272	-3272.4	-73.2	-95.2	-148.2	156.7	47.9	1.8	-628.9
1997	320	-3233.3	-72.5	-94.6	-146.4	151.7	45.3	1.7	-624.1
1998	292	-3156.7	-71.0	-92.2	-142.9	145.1	43.7	1.8	-609.5
1999	390	-3055.3	-63.2	-87.5	-138.2	147.5	44.5	1.8	-565.8
2000	343	-2953.6	-60.1	-84.8	-133.6	141.9	41.9	1.7	-544.9
2001	324	-2863.6	-57.7	-80.3	-126.1	135.3	43.1	8.7	-518.6
2002	392	-2830.1	-58.3	-79.4	-125.1	130.4	42.5	7.4	-516.5
2003	443	-2829.9	-55.9	-79.3	-126.3	134.3	42.3	5.0	-508.8
2004	519	-2625.2	-50.3	-72.5	-117.4	122.5	39.7	4.1	-462.9
2005	599	-2657.1	-50.1	-72.9	-119.2	126.1	41.3	3.3	-463.6
2006	746	-2639.0	-44.9	-71.4	-118.6	133.3	42.6	2.8	-441.7
2007	826	-2632.2	-44.5	-69.9	-118.7	133.0	44.8	2.1	-434.1
2008	930	-2632.9	-45.9	-71.0	-118.7	130.2	42.7	2.2	-443.1
2009	1125	-2614.4	-44.3	-69.6	-118.2	131.2	43.8	1.6	-432.3
2010	1176	-2534.5	-41.9	-66.8	-114.5	127.3	43.2	1.5	-413.0
2011	1389	-2528.0	-40.0	-66.4	-114.5	129.9	43.4	1.1	-405.6
2012	1364	-2605.9	-37.3	-65.8	-118.4	143.1	50.3	0.5	-394.8
2013	2110	-2642.9	-36.9	-66.8	-121.4	147.7	51.4	-1.9	-397.9
2014	1744	-2615.0	-34.5	-65.4	-120.1	149.1	51.8	-1.9	-384.6

2015	1624	-2517.1	-31.1	-59.9	-116.2	144.7	54.1	-2.8	-351.2
2016	1691	-2488.7	-28.2	-59.6	-115.1	146.8	52.7	-3.1	-341.0
2017	1802	-2490.3	-28.9	-58.4	-115.6	146.4	55.2	-3.8	-337.9
2018	1954	-2495.1	-25.0	-57.1	-117.0	153.9	58.0	-6.0	-320.8
2019	2085	-2432.7	-24.5	-55.1	-115.2	148.3	57.1	-7.7	-310.5
2020	2109	-2427.3	-20.8	-53.5	-116.6	154.2	59.5	-10.5	-292.2
2021	1737	-2412.4	-21.3	-53.1	-116.6	152.1	59.1	-11.8	-292.3
2022	597	-2398.5	-19.1	-52.4	-115.7	154.3	59.3	-11.0	-282.6

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 154 Jersey: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	30	69.4	78.8	82.6	89.0	90.4	95.9	78.5
1981	21	68.6	79.0	82.0	88.7	90.5	95.5	78.1
1982	46	67.5	78.5	81.7	88.6	90.4	95.2	76.8
1983	39	68.3	79.2	81.7	88.4	91.7	94.5	76.5
1984	57	67.7	78.8	81.4	88.4	91.2	94.6	76.4
1985	22	69.1	79.3	82.1	88.4	91.6	94.4	78.5
1986	27	69.4	78.3	82.3	88.8	91.0	93.6	78.1
1987	25	69.0	77.8	82.5	89.3	90.2	95.1	77.9
1988	30	70.2	77.2	83.3	89.9	89.5	95.5	78.7
1989	25	71.5	77.8	83.8	90.0	90.0	94.6	79.8
1990	27	71.0	77.7	83.8	90.1	89.9	94.9	79.3
1991	25	71.4	78.0	83.6	89.6	90.6	94.8	78.4
1992	30	71.8	77.6	84.0	89.9	90.0	95.1	79.0
1993	29	71.1	77.7	83.9	89.8	89.9	95.7	78.7
1994	31	71.1	77.3	83.6	89.6	89.9	95.6	78.6
1995	30	71.5	77.8	83.7	89.8	90.5	95.2	79.1
1996	22	70.2	78.1	83.5	89.8	90.6	94.9	78.6
1997	21	71.1	77.4	83.8	90.0	89.9	95.1	78.6
1998	28	71.6	78.3	84.5	90.4	90.3	95.5	79.6
1999	46	71.4	78.3	84.9	91.2	89.6	97.5	79.3
2000	37	70.9	78.3	84.3	90.4	90.0	96.9	79.2
2001	32	72.0	78.0	84.4	90.8	89.7	96.4	79.3
2002	52	71.3	78.2	84.7	90.8	89.4	96.3	80.0
2003	56	71.4	79.0	85.1	91.1	89.9	96.2	80.0
2004	51	72.3	78.5	85.3	91.4	89.6	96.5	80.2
2005	68	70.8	77.8	84.4	90.5	89.4	96.1	79.2
2006	64	71.2	77.4	84.2	90.3	89.5	95.8	79.5
2007	67	71.2	78.8	85.2	91.3	89.8	96.8	80.1
2008	89	71.7	79.1	85.3	91.1	90.0	96.5	80.2
2009	73	72.3	79.2	86.1	91.9	89.6	96.7	80.7
2010	113	71.6	78.6	85.5	91.6	89.5	97.0	80.2
2011	100	71.5	78.6	85.5	91.4	89.3	97.2	80.4
2012	117	71.7	78.4	85.8	91.8	89.1	97.2	79.8

2013	133	71.8	79.2	86.1	91.9	89.6	97.4	80.6
2014	105	71.1	79.2	85.6	91.6	89.6	97.5	80.6
2015	101	71.5	79.4	86.4	92.3	89.4	97.3	81.0
2016	92	70.9	79.3	85.8	91.6	89.5	97.3	80.8
2017	115	71.4	79.5	86.4	92.1	89.4	97.6	81.1
2018	101	72.3	79.7	86.5	92.5	89.3	97.6	81.5
2019	106	71.9	79.7	86.7	92.3	89.4	97.1	81.6
2020	87	72.5	79.6	86.9	92.5	89.2	97.3	81.5
2021	70	73.6	80.1	87.4	93.1	89.6	97.9	82.1
2022	35	74.4	81.0	87.6	92.5	90.7	97.3	82.5

Tabel: 155 Jersey: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	30	98.9	107.2	91.0	95.4	101.7
1981	21	98.9	107.4	90.8	95.3	101.8
1982	46	99.2	106.9	91.2	95.7	102.2
1983	39	100.2	107.0	91.3	96.2	103.1
1984	57	99.3	108.0	90.2	95.5	102.3
1985	22	99.1	107.0	90.7	95.2	101.8
1986	27	100.4	107.5	90.2	95.0	103.5
1987	25	100.8	107.0	90.4	95.1	103.8
1988	30	100.8	107.5	89.6	94.3	104.0
1989	25	101.2	107.3	89.9	94.6	104.3
1990	27	101.1	107.1	89.9	94.6	104.1
1991	25	100.7	107.2	89.6	94.1	103.6
1992	30	102.5	107.0	90.4	94.5	105.5
1993	29	103.0	106.8	90.3	94.9	106.1
1994	31	102.6	106.5	90.5	94.9	105.8
1995	30	102.0	106.3	90.5	94.4	105.0
1996	22	100.7	106.3	90.6	94.3	103.5
1997	21	102.4	106.6	90.0	94.6	105.5
1998	28	101.5	106.2	90.9	95.0	104.6
1999	46	103.4	106.4	90.4	95.0	106.7
2000	37	102.9	106.7	89.9	94.7	106.3
2001	32	103.1	106.5	90.4	95.0	106.3
2002	52	102.1	106.9	90.1	94.7	105.2
2003	56	101.9	107.0	90.0	94.8	105.1
2004	51	102.8	106.4	90.3	94.8	106.1
2005	68	103.0	107.1	89.5	94.8	105.9
2006	64	103.2	107.0	89.7	94.7	106.1
2007	67	102.8	106.9	89.9	95.0	105.9
2008	89	102.9	106.8	90.0	95.0	106.1
2009	73	102.9	107.1	89.8	94.8	106.1
2010	113	103.3	106.7	89.8	94.8	106.3
2011	100	103.2	106.4	90.0	94.5	106.3

2012	117	103.4	107.0	89.5	94.5	106.6
2013	133	102.8	107.0	89.6	94.6	106.1
2014	105	102.6	106.8	89.6	94.7	105.8
2015	101	103.2	107.5	89.3	94.7	106.6
2016	92	102.9	107.0	89.5	94.6	106.2
2017	115	102.8	107.4	89.3	94.5	106.0
2018	101	102.8	107.2	89.6	94.6	106.0
2019	106	103.2	107.1	89.7	94.8	106.3
2020	87	102.9	107.0	89.7	94.6	106.1
2021	70	103.4	107.0	89.5	94.6	106.9
2022	35	102.5	107.0	89.7	95.3	106.1

Tabel: 156 Jersey: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1980	30	88.7	89.9	103.7	87.2	91.1	92.7	91.6
94.1								
1981	21	89.7	90.4	103.1	88.3	91.7	93.3	92.0
94.0								
1982	46	88.3	89.8	102.9	87.2	90.9	93.1	91.7
93.8								
1983	39	88.2	88.9	103.5	86.7	90.8	92.6	91.0
93.6								
1984	57	88.9	89.2	103.6	87.4	91.1	92.6	91.2
93.6								
1985	22	88.7	90.8	102.6	87.0	90.9	92.7	92.0
93.7								
1986	27	89.9	90.8	104.3	87.3	92.2	93.2	91.9
94.2								
1987	25	89.0	91.9	103.5	86.3	92.3	94.4	93.3
94.0								
1988	30	89.8	91.8	104.5	86.8	93.2	94.0	92.9
94.8								
1989	25	89.0	91.4	104.1	86.2	93.0	94.0	92.6
94.6								
1990	27	88.5	91.3	104.6	85.3	92.8	94.3	92.8
94.3								
1991	25	90.3	91.5	104.6	87.1	93.5	94.3	92.9
94.5								
1992	30	89.9	93.3	104.3	86.3	93.9	95.3	94.1
95.1								
1993	29	89.9	93.4	105.0	86.0	94.0	95.4	94.6
95.3								
1994	31	90.3	93.5	104.9	86.5	94.5	95.7	94.3
95.4								

1995	30	90.2	93.5	104.5	86.2	93.8	95.0	94.0
94.9								
1996	22	90.2	91.7	104.0	86.5	93.7	94.2	92.5
94.6								
1997	21	90.7	93.1	104.2	86.8	94.6	95.1	93.7
95.0								
1998	28	90.3	93.7	105.5	86.2	94.6	95.5	94.4
95.5								
1999	46	90.7	94.5	104.5	86.9	94.7	96.2	95.4
95.5								
2000	37	90.2	94.5	104.4	86.4	94.2	95.9	95.3
95.4								
2001	32	90.7	94.9	104.8	86.9	94.8	96.4	95.7
95.9								
2002	52	90.2	94.1	104.8	86.4	94.3	95.6	94.8
95.4								
2003	56	91.1	94.3	103.9	87.6	94.4	95.4	94.8
94.9								
2004	51	91.5	94.0	105.4	87.1	95.4	96.0	94.9
95.5								
2005	68	91.6	93.7	104.7	87.6	95.2	95.6	94.6
95.1								
2006	64	92.3	94.0	104.8	88.1	95.7	96.0	95.0
95.3								
2007	67	92.0	94.6	104.8	87.7	95.5	95.6	95.1
95.4								
2008	89	92.2	94.7	105.3	87.8	95.6	96.0	95.2
95.6								
2009	73	92.6	94.8	105.3	88.4	95.6	96.0	95.3
95.8								
2010	113	92.9	94.7	104.7	88.8	96.1	96.2	95.3
95.4								
2011	100	92.7	94.7	104.3	88.6	96.1	96.2	95.3
95.2								
2012	117	93.2	95.4	104.4	88.8	96.5	96.7	95.9
95.5								
2013	133	93.1	95.0	104.5	89.1	96.1	96.4	95.6
95.5								
2014	105	93.7	95.4	104.1	89.6	96.6	96.6	95.9
95.8								
2015	101	93.9	95.9	104.1	89.5	96.6	96.5	95.9
95.3								
2016	92	93.3	95.5	104.5	89.1	96.5	96.7	96.1
95.6								
2017	115	94.5	96.2	103.7	90.5	96.7	96.7	96.3
95.6								
2018	101	94.6	96.4	103.9	90.5	97.2	97.0	96.5
95.9								
2019	106	94.9	97.3	103.2	91.1	97.3	97.5	97.4
96.1								

2020	87	94.8	96.8	104.0	90.7	97.3	97.6	97.1
96.0								
2021	70	95.6	98.5	103.5	91.4	98.1	98.9	98.8
96.6								
2022	35	94.9	97.2	104.8	90.7	97.5	97.6	97.2
96.5								

Tabel: 157 Jersey: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	30	71.2	76.0	87.3	98.8	0.0	80.5
1981	21	70.4	75.8	88.4	98.6	0.0	80.6
1982	46	69.3	75.4	87.2	99.3	0.0	79.8
1983	39	69.1	76.2	86.8	100.2	0.0	80.2
1984	57	68.8	75.7	87.3	98.8	0.0	79.7
1985	22	70.5	76.5	87.3	98.8	0.0	80.3
1986	27	69.8	76.2	88.5	100.1	0.0	81.3
1987	25	70.0	76.1	88.2	100.7	0.0	81.6
1988	30	70.8	76.1	89.0	100.6	0.0	82.2
1989	25	71.4	76.8	88.4	101.0	0.0	82.4
1990	27	71.6	76.7	88.1	100.9	0.0	82.3
1991	25	71.5	76.5	89.5	100.3	0.0	82.5
1992	30	71.6	76.5	89.6	102.4	0.0	83.7
1993	29	71.8	76.3	89.5	103.0	0.0	84.0
1994	31	71.4	76.1	90.1	102.9	0.0	84.2
1995	30	71.7	76.9	89.7	102.1	0.0	83.7
1996	22	71.3	76.8	89.6	100.7	0.0	82.7
1997	21	71.3	76.4	90.4	102.5	0.0	84.1
1998	28	72.4	77.2	90.0	101.9	0.0	84.0
1999	46	72.8	77.2	90.4	103.8	0.0	85.3
2000	37	72.5	76.9	89.9	103.2	0.0	84.7
2001	32	72.5	77.0	90.5	103.4	0.0	85.0
2002	52	72.5	76.9	89.9	102.1	0.0	84.0
2003	56	72.7	77.4	90.5	101.9	0.0	84.3
2004	51	73.2	77.5	91.2	103.1	0.0	85.5
2005	68	71.8	76.6	91.1	102.7	0.0	84.7
2006	64	71.7	76.5	91.8	102.9	0.0	85.2
2007	67	72.8	77.5	91.5	102.7	0.0	85.4
2008	89	73.1	77.5	91.7	103.0	0.0	85.8
2009	73	73.7	77.9	92.0	102.9	0.0	86.1
2010	113	73.2	77.5	92.5	103.3	0.0	86.4
2011	100	73.2	77.4	92.3	103.3	0.0	86.3
2012	117	73.0	77.4	92.9	103.3	0.0	86.6
2013	133	73.8	77.9	92.7	102.8	0.0	86.5
2014	105	73.6	77.6	93.3	102.6	0.0	86.5
2015	101	73.9	78.0	93.3	103.0	0.0	86.9

2016	92	73.7	77.8	92.8	102.9	0.0	86.5
2017	115	74.0	78.1	93.8	102.5	0.0	87.0
2018	101	74.4	78.3	94.2	102.6	0.0	87.4
2019	106	74.2	78.5	94.5	103.0	0.0	87.7
2020	87	74.2	78.4	94.3	102.9	0.0	87.5
2021	70	75.1	79.3	95.3	103.5	0.0	88.8
2022	35	75.7	79.5	94.5	102.7	0.0	88.2

Tabel: 158 Jersey: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	131	103.1	103.5	100.5	102.2	101.4	96.4	77.3	102.2
100.7									
1981	183	103.1	103.6	100.5	102.3	101.5	96.1	77.2	102.2
100.6									
1982	255	103.0	103.9	100.7	102.6	101.5	95.7	76.0	102.5
100.7									
1983	247	102.9	103.7	100.5	102.3	101.3	95.6	76.1	102.3
100.5									
1984	340	103.0	103.8	100.6	102.4	101.4	95.9	76.3	102.4
100.7									
1985	292	103.2	104.0	101.0	102.7	101.7	96.3	76.7	102.7
101.0									
1986	369	103.2	103.5	100.8	102.4	101.7	96.1	77.4	102.3
100.8									
1987	424	103.2	103.2	100.7	102.1	101.6	96.0	78.0	102.1
100.6									
1988	478	102.8	103.3	100.5	101.9	101.2	95.7	78.5	102.0
100.4									
1989	346	103.2	103.2	100.7	102.0	101.6	95.7	78.0	102.1
100.6									
1990	490	103.2	103.1	100.7	101.9	101.5	95.4	77.9	102.1
100.4									
1991	266	103.3	102.3	100.2	101.1	101.2	96.1	77.9	101.3
100.1									
1992	335	102.6	102.2	99.9	100.8	100.7	96.1	79.7	101.1
99.8									
1993	253	102.6	101.4	99.5	100.2	100.5	96.7	80.7	100.4
99.5									
1994	288	102.5	101.4	99.6	100.2	100.5	96.8	81.3	100.5
99.6									
1995	274	101.9	101.0	99.1	99.6	99.8	97.0	82.7	100.0
99.1									



1996	296	102.1	101.1	99.3	99.8	100.0	96.9	82.6	100.2
99.3									
1997	335	101.7	101.4	99.3	99.9	99.8	96.8	83.4	100.3
99.3									
1998	330	101.9	101.3	99.4	99.9	99.9	96.6	83.7	100.3
99.3									
1999	443	102.3	100.3	99.4	99.3	100.0	96.8	83.9	99.8
99.1									
2000	390	102.0	100.3	99.3	99.2	99.8	96.8	84.7	99.7
99.0									
2001	379	101.9	100.7	99.5	99.6	99.8	96.9	85.0	100.0
99.2									
2002	406	101.7	100.7	99.4	99.5	99.5	96.7	85.4	100.0
99.0									
2003	457	101.8	100.8	99.6	99.6	99.7	96.7	85.4	100.2
99.2									
2004	543	101.3	100.6	99.3	99.1	99.1	95.8	86.1	99.8
98.6									
2005	603	101.1	101.3	99.6	99.6	99.0	94.7	84.9	100.4
98.6									
2006	765	101.0	101.5	99.7	99.7	99.0	94.7	85.3	100.6
98.7									
2007	799	101.5	101.1	100.2	99.7	99.2	94.8	85.4	100.7
98.9									
2008	905	101.6	100.9	100.3	99.5	99.3	95.2	86.9	100.7
98.9									
2009	1128	101.2	101.1	100.1	99.5	99.0	94.9	87.2	100.7
98.8									
2010	1180	101.4	101.6	100.6	100.2	99.6	95.0	87.0	101.2
99.3									
2011	1422	101.6	101.4	100.5	100.3	99.8	95.2	87.1	101.1
99.4									
2012	1435	101.5	101.3	100.4	100.1	99.7	94.9	87.1	101.0
99.2									
2013	2229	101.9	101.1	100.6	100.1	100.1	94.9	86.6	100.9
99.3									
2014	1911	102.0	101.4	101.1	100.5	100.4	95.1	87.2	101.5
99.7									
2015	1804	101.6	101.5	101.0	100.4	100.3	95.2	88.3	101.4
99.7									
2016	1939	101.3	101.4	100.6	100.2	99.9	94.8	87.9	101.1
99.3									
2017	2104	101.6	101.7	101.2	100.6	100.4	95.2	88.2	101.6
99.9									
2018	2351	101.4	101.8	101.1	100.7	100.4	95.1	88.0	101.6
99.8									
2019	2319	101.7	101.7	101.3	100.7	100.7	95.3	88.2	101.7
100.0									
2020	2640	101.5	101.8	101.3	100.8	100.7	95.1	88.2	101.7
100.0									

2021	2182	101.7	101.7	101.3	100.8	100.9	95.3	88.1	101.7
100.1									
2022	1377	101.9	101.6	101.3	100.9	101.0	95.4	88.0	101.6
100.1									
2023	35	102.0	101.2	101.1	100.6	101.0	95.4	88.2	101.4
99.9									

Tabel: 159 Jersey: Gebruikskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	15	97.2	99.9	95.9	95.6	99.6
1981	13	97.0	100.0	95.7	96.2	100.1
1982	12	96.7	99.7	96.4	96.3	100.4
1983	11	97.0	100.0	95.6	95.5	99.5
1984	10	96.1	99.8	95.8	95.8	99.8
1985	10	96.7	99.4	95.6	95.4	99.6
1986	29	97.2	100.3	95.5	95.2	99.5
1987	47	97.6	100.5	95.4	95.4	99.5
1988	40	97.6	100.2	95.7	95.7	99.7
1989	29	97.7	98.4	95.9	95.7	99.1
1990	30	97.2	97.8	96.4	96.3	99.4
1991	27	97.0	99.1	95.6	95.5	98.8
1992	44	97.8	100.0	94.8	94.6	98.5
1993	53	98.0	100.1	94.3	93.8	98.1
1994	54	97.3	98.6	94.4	93.9	98.1
1995	49	97.3	98.5	94.4	93.9	98.1
1996	47	97.1	98.1	94.5	94.2	98.6
1997	51	97.2	97.6	94.2	93.9	98.1
1998	56	97.3	98.3	94.0	93.4	98.1
1999	97	98.9	100.9	93.9	93.3	97.9
2000	73	98.4	100.3	93.8	93.0	97.5
2001	45	98.7	100.2	94.1	93.1	97.7
2002	70	98.2	99.4	94.4	93.4	97.8
2003	80	98.5	99.7	94.6	93.6	97.7
2004	92	97.4	101.4	95.4	94.9	98.6
2005	116	97.5	102.2	95.4	94.9	98.6
2006	119	97.3	102.9	96.0	95.3	99.0
2007	101	97.7	101.8	96.2	95.9	99.1
2008	120	97.7	102.1	95.8	95.5	99.1
2009	170	98.2	102.6	95.9	95.2	98.1
2010	166	97.6	102.6	96.0	95.4	98.5
2011	175	97.5	102.9	96.5	95.6	98.4
2012	201	97.8	102.6	96.5	95.5	98.2
2013	196	97.6	102.8	97.1	96.0	98.7
2014	220	97.5	102.7	97.1	96.2	98.5

2015	231	97.9	102.9	96.8	95.8	98.3
2016	201	98.1	102.8	97.2	96.1	98.8
2017	217	98.2	102.8	97.1	95.8	98.4
2018	246	98.2	103.2	97.2	95.8	98.6
2019	205	98.5	103.0	97.4	96.0	98.6
2020	330	99.1	103.3	97.4	95.9	98.4
2021	142	98.6	102.8	97.7	96.0	98.5
2022	41	99.0	101.7	97.5	95.5	98.2

Tabel: 160 Jersey: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	90	-239.6	-643.3	-347.0	97.7	100.7	87.3	98.8	97.0
0.0									
1981	107	-260.8	-733.5	-352.9	98.3	100.6	88.4	98.6	97.4
0.0									
1982	137	-273.9	-726.0	-397.6	98.5	100.7	87.2	99.3	96.9
0.0									
1983	143	-269.6	-707.7	-397.4	97.6	100.5	86.8	100.2	96.6
0.0									
1984	231	-293.8	-743.9	-587.5	97.9	100.7	87.3	98.8	97.0
0.0									
1985	229	-166.7	-769.5	-650.7	97.6	101.0	87.3	98.8	96.8
430.7									
1986	305	-172.2	-740.2	-711.1	97.4	100.8	88.5	100.1	96.7
364.8									
1987	381	-189.5	-749.7	-648.7	97.5	100.6	88.2	100.7	96.9
309.9									
1988	434	-204.5	-753.8	-625.4	97.8	100.4	89.0	100.6	97.0
262.6									
1989	315	-179.4	-728.8	-582.9	97.4	100.6	88.4	101.0	96.7
297.8									
1990	460	-171.8	-740.8	-595.4	97.9	100.4	88.1	100.9	96.4
342.5									
1991	233	-155.1	-710.6	-513.9	97.1	100.1	89.5	100.3	96.2
561.8									
1992	323	-154.1	-690.7	-479.3	96.4	99.8	89.6	102.4	95.8
454.5									
1993	244	-143.6	-649.6	-467.9	95.8	99.5	89.5	103.0	94.8
615.2									
1994	268	-131.0	-617.4	-379.9	95.9	99.6	90.1	102.9	95.4
555.7									

1995	263	-131.7	-623.3	-389.2	95.9	99.1	89.7	102.1	95.4
592.7									
1996	272	-134.1	-628.9	-388.9	96.3	99.3	89.6	100.7	95.6
555.3									
1997	320	-136.0	-624.1	-395.3	95.9	99.3	90.4	102.5	95.9
482.0									
1998	292	-133.8	-609.5	-421.1	95.6	99.3	90.0	101.9	96.2
578.4									
1999	390	-118.8	-565.8	-378.3	95.5	99.1	90.4	103.8	96.0
601.7									
2000	343	-108.1	-544.9	-352.4	95.1	99.0	89.9	103.2	96.1
609.2									
2001	324	-101.5	-518.6	-349.1	95.2	99.2	90.5	103.4	96.2
589.3									
2002	392	-92.5	-516.5	-348.7	95.4	99.0	89.9	102.1	96.2
655.7									
2003	443	-83.2	-508.8	-272.2	95.5	99.2	90.5	101.9	96.2
684.2									
2004	519	-63.9	-462.9	-176.6	96.6	98.6	91.2	103.1	95.3
616.0									
2005	599	-52.7	-463.6	-103.5	96.7	98.6	91.1	102.7	94.8
593.8									
2006	746	-35.2	-441.7	-52.7	97.1	98.7	91.8	102.9	95.0
650.9									
2007	826	-28.2	-434.1	-17.4	97.5	98.9	91.5	102.7	95.2
621.1									
2008	930	-37.6	-443.1	-50.7	97.3	98.9	91.7	103.0	95.1
652.5									
2009	1125	-46.3	-432.3	-57.1	96.5	98.8	92.0	102.9	95.1
663.1									
2010	1176	-25.8	-413.0	-20.7	96.8	99.3	92.5	103.3	95.9
602.6									
2011	1389	-20.3	-405.6	8.5	96.9	99.4	92.3	103.3	96.2
628.9									
2012	1364	-24.5	-394.8	-4.4	96.7	99.2	92.9	103.3	96.5
593.6									
2013	2110	-25.9	-397.9	-7.8	97.3	99.3	92.7	102.8	96.1
615.1									
2014	1744	-17.9	-384.6	14.6	97.2	99.7	93.3	102.6	96.3
617.3									
2015	1624	-11.3	-351.2	18.7	96.9	99.7	93.3	103.0	96.9
530.1									
2016	1691	-9.9	-341.0	34.2	97.4	99.3	92.8	102.9	96.9
507.2									
2017	1802	-8.8	-337.9	39.5	97.0	99.9	93.8	102.5	97.0
475.4									
2018	1954	-3.3	-320.8	55.7	97.1	99.8	94.2	102.6	97.4
447.4									
2019	2085	2.1	-310.5	71.9	97.2	100.0	94.5	103.0	97.5
415.1									

2020	2109	8.2	-292.2	70.9	97.0	100.0	94.3	102.9	97.8
415.8									
2021	1737	11.6	-292.3	37.8	97.1	100.1	95.3	103.5	98.0
408.8									
2022	597	17.7	-282.6	41.9	96.7	100.1	94.5	102.7	97.9
378.8									

Tabel: 161 Jersey: Klauwgezondheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2000	12	104.5	106.8	103.2	101.5	98.0	101.2	101.8
2001	10	104.1	105.9	102.9	101.3	98.0	101.1	101.0
2002	10	104.8	106.2	103.4	104.1	97.9	101.0	101.0
2003	14	104.5	106.1	103.0	103.3	97.7	101.6	100.8
2004	22	104.8	106.2	103.9	102.5	97.8	101.1	100.6
2005	24	104.5	105.8	104.3	103.2	96.8	101.1	99.2
2006	25	106.4	106.8	105.5	104.8	97.9	102.5	100.0
2007	16	105.3	106.2	104.6	103.6	97.0	102.1	100.2
2009	23	105.4	107.0	104.4	102.9	97.5	101.7	101.0
2010	43	105.8	106.4	104.9	103.4	97.9	102.4	100.4
2011	47	105.3	105.9	104.9	103.1	97.7	102.3	99.5
2012	77	105.5	107.0	104.4	102.7	98.1	102.0	101.0
2013	190	105.2	106.8	104.2	102.4	98.0	101.6	100.8
2014	162	105.3	106.8	104.4	102.4	98.0	101.9	100.7
2015	62	105.6	106.4	104.6	102.7	97.9	102.0	101.4
2016	90	105.5	106.6	104.7	102.7	98.0	101.9	100.9
2017	94	105.7	106.5	104.7	102.7	98.2	102.0	101.4
2018	79	105.4	106.2	104.8	102.9	97.8	102.2	100.4
2019	105	105.8	106.9	104.4	102.7	98.6	101.9	101.5
2020	127	105.4	106.3	104.5	102.7	98.3	101.9	100.9
2021	89	105.8	106.6	104.6	102.9	98.7	102.0	101.3
2022	21	106.2	106.2	105.0	103.2	99.0	102.6	101.4

Tabel: 162 Jersey: Levensvatbaarheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	23	98.4	96.5	98.4	96.5	89.9	101.3
1981	22	98.9	96.7	98.9	96.7	90.2	101.7
1982	28	98.8	97.0	98.8	97.0	89.9	101.8
1983	31	97.5	96.8	97.5	96.8	89.2	101.3

1984	46	98.5	97.1	98.5	97.1	89.8	101.3
1985	36	98.4	96.4	98.4	96.4	90.0	101.1
1986	77	97.3	97.5	97.3	97.5	89.1	101.8
1987	124	96.7	97.8	96.7	97.8	88.1	101.7
1988	127	97.6	97.0	97.6	97.0	89.2	102.1
1989	134	97.7	96.6	97.7	96.6	89.7	102.2
1990	181	98.0	96.3	98.0	96.3	90.0	102.1
1991	141	96.7	96.6	96.7	96.6	88.8	101.3
1992	144	95.9	97.1	95.9	97.1	87.4	102.4
1993	207	95.3	96.6	95.3	96.6	86.7	101.9
1994	247	95.8	97.1	95.8	97.1	87.6	101.7
1995	233	95.7	97.1	95.7	97.1	87.5	101.8
1996	221	96.2	97.0	96.2	97.0	87.7	102.0
1997	222	96.5	97.3	96.5	97.3	88.4	102.0
1998	262	97.0	97.5	97.0	97.5	88.5	102.0
1999	338	96.6	97.7	96.6	97.7	88.0	102.7
2000	332	96.5	97.8	96.5	97.8	88.0	102.9
2001	325	96.6	97.7	96.6	97.7	88.9	102.5
2002	339	96.6	97.8	96.6	97.8	89.0	102.4
2003	403	96.6	97.8	96.6	97.8	89.5	102.3
2004	444	95.9	97.4	95.9	97.4	88.9	102.3
2005	503	95.7	96.8	95.7	96.8	89.0	102.4
2006	548	95.8	96.9	95.8	96.9	89.1	102.6
2007	637	95.5	97.4	95.5	97.4	89.6	102.8
2008	705	95.2	97.8	95.2	97.8	89.1	102.6
2009	789	95.1	97.5	95.1	97.5	89.0	102.4
2010	817	96.0	98.1	96.0	98.1	89.0	103.3
2011	956	96.5	98.3	96.5	98.3	89.4	103.4
2012	1090	96.7	98.4	96.7	98.4	89.7	103.6
2013	1469	96.5	98.0	96.5	98.0	89.2	103.6
2014	1224	96.3	98.3	96.3	98.3	89.3	103.9
2015	1371	96.7	99.0	96.7	99.0	90.3	103.6
2016	1281	96.6	98.7	96.6	98.7	89.6	103.7
2017	1523	96.8	99.0	96.8	99.0	90.1	103.6
2018	1675	97.0	99.3	97.0	99.3	89.8	104.0
2019	1669	97.0	99.3	97.0	99.3	89.8	104.1
2020	1910	97.3	99.5	97.3	99.5	89.9	104.2
2021	1740	97.3	99.5	97.3	99.5	89.7	104.3
2022	1839	97.4	99.5	97.4	99.5	89.6	104.2
2023	1729	97.3	99.7	97.3	99.7	89.5	104.5
2024	791	97.5	99.9	97.5	99.9	89.7	104.6

Tabel: 163 Jersey: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	20	122.2	108.2	64.2	89.7	91.7	78.0

1981	19	123.6	108.5	62.7	87.0	91.0	73.7
1982	15	123.4	108.5	63.0	86.5	91.5	74.5
1983	20	121.5	107.8	65.2	87.3	91.3	74.0
1984	32	123.4	107.9	62.8	86.5	91.4	74.1
1985	29	121.6	107.7	65.6	88.2	92.0	75.7
1986	39	119.0	106.7	70.2	90.4	91.3	77.3
1987	75	117.7	107.5	70.3	90.0	91.5	76.9
1988	62	118.2	106.7	70.2	90.9	91.2	78.6
1989	68	119.1	106.6	69.3	89.7	91.0	79.5
1990	72	119.3	107.0	68.6	89.4	90.7	79.4
1991	55	118.8	107.2	69.3	89.6	90.9	78.8
1992	66	118.6	106.5	70.7	91.3	89.6	76.3
1993	83	118.5	106.5	70.7	91.3	89.2	76.0
1994	106	118.4	107.1	70.4	90.1	89.4	77.2
1995	97	117.5	107.3	71.3	90.4	90.3	78.1
1996	93	118.6	107.2	70.0	89.9	90.1	77.3
1997	100	117.7	107.2	71.0	89.9	90.0	77.9
1998	132	116.8	107.4	71.3	89.1	90.4	78.0
1999	170	116.1	107.1	71.8	90.0	90.7	76.2
2000	162	117.1	106.7	71.4	90.3	90.6	77.0
2001	163	116.9	107.0	71.3	90.0	90.7	77.2
2002	159	114.0	106.8	75.0	91.4	91.2	76.9
2003	225	113.1	107.0	75.4	90.5	91.1	77.1
2004	323	112.3	107.9	76.3	90.3	91.1	76.8
2005	348	113.3	108.0	74.9	89.9	90.7	75.7
2006	403	113.5	107.8	74.5	90.0	90.8	75.2
2007	498	111.4	108.2	76.9	90.8	91.8	75.7
2008	571	111.0	108.1	77.2	90.6	91.7	76.3
2009	728	110.5	108.2	77.7	90.3	91.6	76.4
2010	700	111.4	108.0	76.7	90.2	91.2	76.1
2011	881	111.9	107.7	76.0	90.1	91.1	76.0
2012	895	111.6	107.8	76.2	90.3	91.3	75.9
2013	1240	111.7	107.9	75.7	89.8	91.2	76.1
2014	1097	111.8	107.3	75.7	90.0	91.4	76.4
2015	1150	111.2	107.6	76.4	90.0	91.3	76.9
2016	1075	111.8	107.1	75.5	89.6	91.4	76.5
2017	1140	110.7	107.9	76.7	89.9	91.4	76.5
2018	1205	110.8	107.9	76.3	89.8	90.8	76.4
2019	1011	110.5	107.8	76.5	89.6	90.9	76.6
2020	1190	110.3	108.2	76.6	89.5	90.9	76.6
2021	899	110.5	108.1	76.4	89.4	91.0	77.0
2022	987	110.2	107.8	76.8	89.6	91.1	77.1
2023	620	109.8	107.7	77.1	89.2	91.2	77.7
2024	279	109.9	107.3	76.8	88.9	91.5	77.3

Tabel: 164 Jersey: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	42	87.3	104.1	90.7	85.9	99.8	94.1	88.4	89.5	102.5
94.1	81.8									
1981	38	87.0	104.4	90.1	85.5	100.3	93.0	88.4	88.7	102.7
93.3	81.1									
1982	52	86.9	104.9	89.6	85.4	100.5	92.7	88.2	88.6	103.0
92.9	81.2									
1983	54	87.3	104.3	90.9	85.6	100.0	94.3	88.0	89.7	102.9
94.1	82.0									
1984	86	87.0	104.4	90.7	85.4	100.0	93.7	88.1	89.2	102.8
93.6	81.5									
1985	71	86.9	104.2	91.2	85.7	99.5	94.3	87.9	89.3	102.6
94.1	82.1									
1986	107	86.7	103.7	91.9	85.0	99.6	95.1	87.6	89.1	102.8
94.9	81.6									
1987	128	87.1	103.6	92.4	84.7	100.0	95.5	87.5	90.3	103.1
95.5	81.5									
1988	143	86.4	103.3	91.9	84.5	99.1	94.8	87.1	89.9	102.3
94.6	81.1									
1989	129	86.5	103.3	92.2	84.7	99.1	95.2	87.2	89.9	102.3
94.9	81.3									
1990	158	85.8	103.4	91.8	84.5	98.6	94.8	86.7	89.5	102.2
94.5	80.8									
1991	107	86.1	102.8	92.1	84.7	98.4	95.7	87.1	89.6	102.0
95.2	81.5									
1992	142	86.0	102.6	92.2	84.6	97.5	97.0	86.4	91.0	101.8
96.3	81.2									
1993	129	85.4	102.5	92.5	84.3	96.9	97.9	85.4	91.8	101.7
97.0	80.5									
1994	162	85.6	102.3	92.4	84.1	97.3	97.5	86.0	90.9	101.8
96.8	80.7									
1995	154	85.4	102.3	92.1	84.1	97.1	97.5	85.7	90.9	101.9
96.5	80.7									
1996	162	85.4	102.3	91.9	83.9	97.3	96.9	85.9	90.5	101.7
96.1	80.5									
1997	134	85.7	102.6	92.0	83.9	98.1	97.0	86.3	90.0	102.3
96.3	80.8									
1998	180	85.8	102.3	92.3	84.0	97.7	97.3	86.1	90.7	102.0
96.6	80.7									
1999	228	85.8	102.6	92.3	84.1	97.6	97.2	85.7	92.0	102.1
96.3	80.5									
2000	198	86.0	102.3	92.2	84.0	97.5	97.2	85.9	92.1	101.8
96.5	80.4									
2001	183	86.1	102.4	92.1	84.2	97.6	97.3	86.1	91.8	102.0
96.6	80.7									



2002	191	86.2	102.4	91.8	84.4	97.5	97.2	86.1	92.2	102.1
96.4	81.1									
2003	169	86.2	102.8	92.1	84.5	97.9	97.0	86.2	91.8	102.3
96.2	81.2									
2004	207	86.8	102.5	92.6	84.2	98.6	97.1	86.6	92.1	102.5
96.6	81.3									
2005	190	86.8	102.2	93.2	83.9	98.6	97.7	86.6	92.3	102.4
97.4	80.8									
2006	194	86.8	102.0	93.2	83.4	99.0	97.7	86.4	92.3	102.6
97.6	80.3									
2007	138	87.1	102.4	92.9	84.0	99.1	97.2	86.7	92.3	102.6
97.0	80.8									
2008	156	87.0	102.4	93.0	83.9	99.2	97.5	86.7	92.3	102.7
97.3	80.7									
2009	164	87.2	102.6	93.1	84.3	99.2	97.2	86.8	92.3	102.6
96.9	81.2									
2010	123	88.4	102.4	93.3	84.1	100.3	97.5	87.8	92.6	103.1
97.5	81.6									
2011	79	88.6	101.6	93.4	83.9	100.2	97.9	88.1	93.0	102.9
98.0	81.8									
2012	81	88.1	101.8	93.1	83.8	100.1	97.5	87.8	92.6	102.8
97.5	81.4									
2013	71	88.5	102.2	93.2	84.4	100.2	97.5	88.2	92.6	102.9
97.5	82.1									
2014	47	88.1	102.2	93.0	84.0	100.3	97.4	87.6	92.7	103.0
97.4	81.3									
2015	36	87.8	101.7	92.9	84.2	99.4	97.4	87.6	92.4	102.4
97.0	81.9									
2016	30	87.6	101.5	92.9	84.0	98.8	98.0	87.5	92.6	102.2
97.8	81.3									
2017	40	88.2	101.1	93.2	84.2	99.2	97.6	88.0	92.7	102.1
97.5	81.8									
2018	35	88.4	101.0	93.1	84.2	99.2	97.7	88.3	92.6	102.0
97.7	82.1									
2019	37	88.4	101.0	92.8	84.5	99.2	97.6	88.3	92.8	102.0
97.4	82.1									
2020	20	87.5	101.1	92.7	84.2	98.6	97.6	87.5	92.5	101.5
97.2	81.7									
2021	30	89.3	101.5	93.3	85.3	99.8	97.7	88.9	92.9	102.4
97.4	83.5									
2022	10	89.2	102.6	93.9	86.4	99.6	97.9	89.0	92.9	102.8
97.7	84.2									

Tabel: 165 Jersey: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
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1980	17	91.0	89.2	99.7
1981	16	91.0	89.1	100.1
1982	23	91.2	89.2	100.1
1983	17	91.2	89.4	100.0
1984	36	91.6	89.9	99.9
1985	18	92.0	90.7	99.5
1986	45	91.2	90.7	99.1
1987	101	91.2	90.6	99.0
1988	83	91.9	91.3	99.2
1989	87	91.9	91.1	99.4
1990	113	92.2	91.3	99.5
1991	85	92.1	91.5	99.2
1992	110	91.0	90.6	98.7
1993	176	90.7	90.4	98.4
1994	209	91.0	90.7	98.5
1995	211	91.0	90.7	98.4
1996	203	90.7	90.4	98.5
1997	190	91.2	90.9	98.6
1998	250	91.3	91.0	98.5
1999	341	90.8	90.5	98.4
2000	311	90.0	89.8	97.8
2001	298	90.3	90.3	97.8
2002	316	90.9	90.7	98.3
2003	361	91.8	91.4	98.9
2004	402	91.3	90.6	98.8
2005	481	91.0	90.0	99.0
2006	531	91.3	90.5	99.0
2007	589	91.4	91.0	98.9
2008	623	90.3	89.8	98.2
2009	678	91.1	90.5	98.7
2010	740	91.4	90.6	99.3
2011	903	91.0	90.1	99.3
2012	1024	91.4	90.6	99.4
2013	1429	91.1	89.9	99.6
2014	1211	91.5	90.3	99.8
2015	1560	92.6	91.4	100.2
2016	1330	92.2	90.8	100.1
2017	1561	92.6	91.5	100.2
2018	1819	92.1	90.8	100.1
2019	1871	92.7	91.4	100.4
2020	2247	93.0	91.6	100.5
2021	2064	92.9	91.7	100.4
2022	2450	93.3	92.1	100.5
2023	1846	93.4	92.2	100.6
2024	698	93.5	92.2	100.7

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Tabel: 166 Jersey: Levensproductiekenmerken  
Basis: Melkdoel rood

Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	306	-4455.1	-18644.9	-623.8	-600.8
2002	368	-4446.3	-18540.0	-624.3	-598.5
2003	407	-4036.4	-17438.2	-552.6	-553.2
2004	489	-3377.5	-15255.7	-451.3	-470.6
2005	550	-2976.9	-14204.7	-382.6	-425.4
2006	688	-2636.7	-13388.3	-319.5	-390.2
2007	754	-2405.4	-12787.3	-284.3	-361.0
2008	834	-2632.4	-13366.6	-321.9	-387.6
2009	1077	-2638.7	-13359.7	-324.5	-387.2
2010	1106	-2334.6	-12378.8	-276.8	-349.8
2011	1316	-2140.1	-11843.4	-242.1	-328.8
2012	1324	-2205.7	-12438.6	-249.0	-339.2
2013	2093	-2231.6	-12598.0	-250.7	-344.1
2014	1717	-2052.0	-12115.9	-219.7	-323.9
2015	1573	-1883.7	-11632.6	-200.0	-298.5
2016	1658	-1747.0	-11256.1	-172.2	-286.1
2017	1774	-1707.0	-11171.5	-170.4	-278.1
2018	1967	-1534.3	-10887.4	-137.6	-260.8
2019	2103	-1395.6	-10352.8	-119.9	-240.9
2020	2157	-1322.7	-10348.8	-104.4	-234.8
2021	1814	-1536.9	-10890.2	-141.7	-258.5
2022	649	-1470.1	-10704.3	-128.8	-252.0

Tabel: 167 Jersey: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1988	10	97.1	93.8	105.3	95.7
1989	14	95.6	93.5	105.1	93.5
1990	17	96.1	93.5	105.2	94.2
1991	12	96.4	92.7	104.9	94.2
1992	36	97.5	94.0	105.6	96.6
1993	39	97.8	93.7	105.7	96.9
1994	47	97.5	93.5	105.3	96.2
1995	33	97.5	93.6	104.9	96.1
1996	27	97.4	93.4	105.1	95.9
1997	34	97.5	93.3	105.2	96.0
1998	51	98.6	91.5	106.9	97.9
1999	105	99.8	93.7	107.4	100.4
2000	62	99.2	93.7	107.0	99.4
2001	51	99.1	93.3	107.2	99.4
2002	72	98.7	92.8	106.9	98.5
2003	107	99.7	92.1	107.9	100.0

2004	136	97.9	92.8	108.2	99.1
2005	153	98.3	91.2	108.9	99.1
2006	203	98.6	91.0	108.9	99.5
2007	239	98.2	91.4	108.5	99.0
2008	258	98.1	91.8	108.3	98.8
2009	382	98.5	91.9	108.5	99.2
2010	350	97.9	92.8	109.2	99.9
2011	424	97.5	92.7	109.0	99.4
2012	480	98.5	92.9	109.5	100.7
2013	580	98.3	92.7	109.6	100.7
2014	597	98.0	92.7	109.9	100.6
2015	616	99.0	92.9	110.3	101.9
2016	658	98.8	93.1	109.9	101.5
2017	806	99.6	93.2	110.1	102.6
2018	756	99.6	94.2	110.1	103.1
2019	863	100.5	94.8	110.1	104.3
2020	936	101.1	95.2	110.3	105.2
2021	922	101.6	94.9	109.8	105.2
2022	365	102.5	95.2	109.7	106.0

Tabel: 168 Jersey: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	90	99.4	96.5	0	0.0	0.0	0	0.0
1981	107	99.5	96.5	0	0.0	0.0	0	0.0
1982	137	99.1	96.8	0	0.0	0.0	0	0.0
1983	143	99.2	96.5	0	0.0	0.0	0	0.0
1984	231	99.3	96.6	0	0.0	0.0	0	0.0
1985	229	99.1	96.7	94	-9.0	430.7	0	0.0
1986	305	98.9	96.6	149	-8.0	364.8	0	0.0
1987	381	99.1	97.0	211	-7.6	309.9	0	0.0
1988	434	99.8	96.7	258	-7.2	262.6	0	0.0
1989	315	100.4	97.0	124	-7.3	297.8	0	0.0
1990	460	100.4	97.2	97	-7.7	342.5	0	0.0
1991	233	100.5	97.1	38	-9.5	561.8	0	0.0
1992	323	100.3	96.6	61	-8.3	454.5	0	0.0
1993	244	100.7	96.7	35	-9.6	615.2	0	0.0
1994	268	100.9	96.6	46	-8.9	555.7	0	0.0
1995	263	100.8	96.3	43	-9.6	592.7	0	0.0
1996	272	100.7	96.5	32	-9.3	555.3	0	0.0
1997	320	100.7	96.3	40	-8.4	482.0	0	0.0
1998	292	100.0	96.0	36	-9.1	578.4	0	0.0
1999	390	100.3	96.1	55	-9.2	601.7	0	0.0
2000	343	100.2	95.8	45	-9.3	609.2	0	0.0
2001	324	100.2	96.0	43	-9.0	589.3	32	55.4
2002	392	100.4	96.0	58	-9.7	655.7	51	55.0

2003	443	100.8	96.3	60	-9.8	684.2	55	55.1
2004	519	101.8	96.7	58	-8.9	616.0	51	56.4
2005	599	101.7	97.2	78	-8.7	593.8	68	57.7
2006	746	102.6	97.0	67	-9.2	650.9	64	56.3
2007	826	102.6	96.9	79	-8.9	621.1	67	56.3
2008	930	102.6	96.5	99	-9.1	652.5	88	55.7
2009	1125	103.0	96.7	77	-9.1	663.1	72	55.8
2010	1176	103.2	97.7	137	-8.5	602.6	113	55.9
2011	1389	103.3	97.5	110	-8.7	628.9	99	55.8
2012	1364	103.6	97.2	129	-8.3	593.6	117	57.4
2013	2110	103.3	97.4	140	-8.6	615.1	130	57.4
2014	1744	103.3	97.7	112	-8.6	617.3	105	56.8
2015	1624	103.5	97.8	117	-7.5	530.1	95	58.9
2016	1691	103.4	97.9	115	-7.3	507.2	90	59.0
2017	1802	103.7	97.9	134	-6.9	475.4	111	61.2
2018	1954	103.7	98.2	120	-6.7	447.4	99	63.2
2019	2085	103.9	97.9	127	-6.4	415.1	106	64.4
2020	2109	104.3	98.3	103	-6.2	415.8	87	65.0
2021	1737	104.0	97.8	94	-6.0	408.8	70	67.1
2022	597	103.9	97.6	49	-5.6	378.8	35	68.1

Tabel: 169 Jersey: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	22	99.4	0	0.0	0	0.0	22	93.8
1987	54	99.7	0	0.0	0	0.0	54	96.2
1988	55	99.7	0	0.0	0	0.0	55	96.7
1989	48	99.8	0	0.0	0	0.0	48	96.8
1990	50	99.8	0	0.0	0	0.0	50	97.0
1991	45	99.8	0	0.0	0	0.0	45	97.0
1992	70	99.6	0	0.0	0	0.0	70	95.0
1993	73	99.8	0	0.0	0	0.0	73	95.8
1994	91	99.7	0	0.0	0	0.0	91	96.2
1995	89	99.8	0	0.0	0	0.0	89	97.3
1996	80	99.8	0	0.0	0	0.0	80	96.7
1997	106	99.8	0	0.0	0	0.0	106	97.3
1998	122	99.9	0	0.0	0	0.0	122	97.8
1999	155	99.9	0	0.0	1	96.0	155	97.6
2000	159	99.8	1	97.0	1	98.0	159	97.2
2001	166	99.9	0	0.0	0	0.0	166	98.4
2002	200	99.9	0	0.0	0	0.0	200	98.9
2003	246	100.0	1	96.0	0	0.0	246	100.0
2004	339	99.9	0	0.0	0	0.0	339	99.8
2005	381	100.0	1	99.0	0	0.0	381	99.8
2006	486	100.0	2	98.0	1	93.0	486	100.0
2007	574	100.0	0	0.0	0	0.0	574	100.9

2008	655	100.0	0	0.0	0	0.0	655	100.6
2009	841	100.0	0	0.0	0	0.0	841	100.7
2010	883	100.0	3	98.7	3	95.0	883	100.2
2011	1031	100.0	1	99.0	0	0.0	1031	100.5
2012	1099	100.0	6	100.3	4	95.5	1099	100.6
2013	1402	100.0	7	99.0	7	97.0	1402	100.7
2014	1326	100.0	5	99.0	5	95.2	1326	100.0
2015	1324	100.0	11	98.8	13	97.5	1324	99.0
2016	1443	100.0	3	98.3	4	97.8	1443	99.9
2017	1549	100.0	7	99.9	3	100.7	1549	99.6
2018	1635	100.0	5	100.0	1	98.0	1635	100.6
2019	1750	100.0	0	0.0	9	97.6	1750	100.1
2020	1710	100.0	0	0.0	30	98.2	1710	100.4
2021	1462	100.0	0	0.0	11	98.1	1462	100.2
2022	530	100.0	0	0.0	0	0.0	530	100.0

Tabel: 170 Jersey: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	22	102.2	99.7	101.6	101.2	103.3	101.6
1995	11	102.2	99.5	101.8	101.2	103.5	102.0
1996	10	102.7	99.9	101.9	101.6	103.8	102.1
1997	13	102.5	99.9	102.1	101.5	103.7	102.0
1999	46	101.0	99.1	99.9	100.4	102.7	100.1
2000	27	101.0	99.0	99.9	100.2	102.7	100.2
2001	13	101.0	99.1	99.8	100.5	102.5	99.7
2002	10	100.9	98.8	99.7	100.1	102.2	100.1
2003	28	102.5	100.4	101.1	101.7	103.3	100.9
2004	55	103.5	101.2	101.9	102.6	104.0	101.4
2005	82	103.6	101.6	102.1	102.5	104.4	101.6
2006	87	103.2	101.2	102.0	102.0	104.3	101.6
2007	86	102.9	100.9	101.5	101.9	103.8	101.2
2008	87	101.8	99.9	100.5	101.1	103.1	100.3
2009	107	102.2	100.2	101.0	101.4	103.5	100.6
2010	119	102.8	100.7	101.8	101.8	104.1	101.4
2011	157	102.8	100.7	101.7	101.9	103.9	101.2
2012	135	102.4	100.3	101.3	101.6	103.6	101.0
2013	336	102.3	100.4	101.0	101.4	103.5	100.7
2014	233	102.5	100.4	101.2	101.6	103.5	100.9
2015	101	102.0	99.9	100.9	101.2	103.2	100.5
2016	93	101.9	99.9	100.7	101.2	103.1	100.3
2017	66	101.7	99.6	100.7	100.8	103.1	100.5
2018	65	101.3	99.3	100.3	100.7	102.7	100.1
2019	78	102.0	99.9	101.0	101.2	103.1	100.4
2020	47	101.7	99.6	100.8	100.9	103.1	100.6
2021	48	102.0	99.8	101.0	101.2	103.0	100.6

2022 12 102.2 99.8 101.4 101.3 102.9 100.8

Tabel: 171 Lakenvelder - zwartbont: Melkproductiekenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1990	10	-1198.8	-56.3	-53.5	-55.9	-5.4	-16.8	-1.4	-399.0
1991	15	-1638.5	-81.9	-69.7	-76.2	-20.1	-19.3	-1.6	-545.6
1992	13	-1577.3	-84.5	-69.3	-73.2	-30.8	-23.4	-1.3	-551.6
1994	14	-1717.1	-87.9	-72.4	-79.7	-25.9	-20.1	-1.5	-575.1
1995	14	-2051.4	-97.0	-82.1	-95.1	-13.3	-14.2	-1.6	-644.0
1996	16	-2015.0	-97.4	-79.6	-93.4	-16.9	-11.4	-1.6	-634.6
1997	28	-2290.3	-110.7	-89.5	-105.9	-21.1	-11.8	-1.0	-716.9
1998	12	-2327.3	-113.3	-90.8	-107.8	-24.3	-12.7	-1.5	-730.7
2000	19	-2173.1	-107.1	-86.5	-100.5	-25.9	-15.7	-1.2	-693.5
2001	12	-2112.7	-104.3	-90.8	-87.8	-24.0	-30.0	21.3	-703.8
2002	11	-2179.5	-101.8	-87.7	-89.3	-9.9	-17.1	27.7	-682.7
2003	15	-2194.2	-106.6	-86.5	-86.5	-20.4	-11.5	39.4	-691.4

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 172 Lakenvelder - zwartbont: Vruchtbaarheidkenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1987	14	100.4	104.0	100.2	102.2	99.9	97.5	94.6	102.3
100.4									
1988	20	100.5	103.0	99.5	101.2	99.5	97.0	92.7	101.2
99.5									
1989	12	101.0	103.2	100.0	101.4	100.1	97.1	90.9	101.8
100.0									
1990	34	100.1	102.7	99.1	100.7	99.2	96.7	93.0	100.9
99.2									
1991	29	100.1	104.4	100.0	102.1	99.9	96.9	93.2	102.2
100.2									
1992	55	101.2	103.2	100.0	101.8	100.2	97.7	92.5	101.7
100.3									
1993	40	101.1	102.9	99.7	101.4	99.9	97.2	92.6	101.3
99.8									
1994	32	100.9	104.3	100.7	102.5	100.6	97.6	93.1	102.6
100.8									

1995 99.7	49	101.1	102.9	99.4	101.2	99.8	97.1	91.6	101.0
1996 100.1	86	100.4	104.1	100.0	102.0	99.9	96.7	92.1	102.1
1997 100.2	101	101.3	103.3	100.1	101.9	100.4	97.2	91.9	101.9
1998 99.9	111	100.8	103.5	99.7	101.8	100.0	96.8	91.8	101.7
1999 99.9	136	100.9	103.2	99.7	101.6	100.1	96.9	91.6	101.5
2000 100.3	134	101.2	103.6	100.1	102.2	100.3	97.0	91.8	102.0
2001 100.4	128	100.6	104.4	100.3	102.5	100.2	96.6	91.6	102.4
2002 100.1	145	100.6	104.0	100.1	102.1	100.1	96.4	91.2	102.1
2003 100.2	124	100.3	104.3	100.0	102.3	100.0	96.6	91.9	102.3
2004 100.2	87	100.5	104.0	100.1	102.1	100.1	96.6	91.9	102.1
2005 100.3	110	100.4	104.2	100.2	102.2	100.1	96.8	92.2	102.3
2006 100.4	73	100.6	104.3	100.3	102.4	100.2	96.4	92.0	102.5
2007 100.0	61	100.2	104.1	99.9	102.1	99.8	96.3	92.2	102.1
2008 100.0	63	100.2	104.1	99.8	102.1	99.7	96.5	92.0	102.0
2009 99.8	51	99.9	104.1	99.5	101.9	99.5	96.2	92.1	101.8
2010 100.1	40	100.3	104.2	100.0	102.0	99.8	96.5	92.1	102.1
2011 99.6	48	99.9	103.9	99.5	101.7	99.4	95.9	92.1	101.7
2012 99.6	42	99.3	104.4	99.5	101.8	99.1	95.9	92.1	101.9
2013 99.8	46	99.7	104.3	99.5	102.0	99.5	96.3	91.6	101.8
2014 99.6	28	99.4	104.3	99.3	101.8	99.3	96.2	91.1	101.8
2015 100.1	31	99.7	104.8	99.8	102.4	99.6	96.3	91.0	102.4
2016 99.9	26	100.2	104.2	99.6	102.2	99.8	96.5	90.8	101.9
2017 100.0	23	99.9	104.9	99.9	102.4	99.7	96.1	91.7	102.5
2018 100.7	35	101.1	104.1	100.5	102.5	100.7	97.2	91.8	102.5
2019 100.4	33	100.9	103.9	100.2	102.3	100.5	96.8	91.7	102.1



2020	15	101.7	104.2	101.0	102.8	101.3	97.7	92.1	102.8
101.2									
2021	12	101.5	103.8	100.7	102.2	100.9	97.4	92.3	102.3
100.8									
2022	13	101.2	104.5	100.9	103.0	101.0	97.3	92.2	103.0
101.1									

Tabel: 173 Lakenvelder - zwartbont: NVI met onderliggende kenmerken  
Basis: Dubbeloel  
Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1990	10	-139.3	-399.0	-237.0	102.0	99.2	0.0	0.0	98.0
98.7									
1991	15	-175.3	-545.6	-586.4	103.1	100.2	0.0	0.0	98.2
158.8									
1992	13	-215.9	-551.6	-92.5	99.6	100.3	99.0	96.0	99.8
204.8									
1994	14	-182.9	-575.1	-45.8	102.0	100.8	0.0	0.0	97.6
195.0									
1995	14	-248.6	-644.0	-523.3	101.9	99.7	91.0	96.0	99.1
148.0									
1996	16	-232.6	-634.6	-357.5	101.1	100.1	96.0	96.0	99.1
152.8									
1997	28	-268.0	-716.9	-511.3	100.8	100.2	97.0	96.0	100.0
156.8									
1998	12	-281.8	-730.7	-406.9	100.8	99.9	0.0	0.0	99.6
137.8									
2000	19	-235.4	-693.5	-264.1	100.7	100.3	91.0	94.0	99.0
225.8									
2001	12	-276.3	-703.8	-420.8	101.7	100.4	92.0	97.0	99.6
146.5									
2002	11	-226.5	-682.7	-175.8	101.1	100.1	90.0	97.0	99.0
230.0									
2003	15	-230.9	-691.4	-265.2	102.3	100.2	0.0	0.0	98.6
170.4									

Tabel: 174 Lakenvelder - zwartbont: Levensvatbaarheidskenmerken  
Basis: Dubbeloel  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1997	21	98.6	100.0	98.6	100.0	98.9	101.6
1998	25	98.8	99.3	98.8	99.3	99.3	101.2
1999	36	99.7	99.0	99.7	99.0	99.8	100.9
2000	47	99.2	99.1	99.2	99.1	99.5	101.1
2001	66	99.2	99.8	99.2	99.8	99.3	101.5
2002	64	99.1	99.3	99.1	99.3	99.3	101.1
2003	48	98.8	98.6	98.8	98.6	99.1	100.7
2004	54	97.9	98.7	97.9	98.7	98.3	100.4
2005	78	98.1	98.8	98.1	98.8	98.6	100.5
2006	52	98.2	99.4	98.2	99.4	98.6	101.0
2007	32	98.1	100.0	98.1	100.0	98.7	101.3
2008	38	99.0	99.7	99.0	99.7	99.0	101.1
2009	34	98.7	99.9	98.7	99.9	99.1	101.2
2010	30	99.1	99.7	99.1	99.7	99.4	101.2
2011	34	98.7	100.3	98.7	100.3	99.3	101.5
2012	37	99.2	100.1	99.2	100.1	99.5	101.5
2013	40	99.4	99.7	99.4	99.7	99.6	101.2
2014	27	100.0	99.8	100.0	99.8	100.0	101.3
2015	30	99.4	99.5	99.4	99.5	99.6	101.0
2016	25	100.8	99.5	100.8	99.5	100.4	101.1
2017	16	101.0	100.0	101.0	100.0	101.3	101.4
2018	26	99.7	100.0	99.7	100.0	100.2	101.1
2019	20	99.5	100.0	99.5	100.0	100.5	101.3
2020	17	99.2	99.9	99.2	99.9	100.2	101.2
2021	21	99.2	100.1	99.2	100.1	100.1	101.1
2022	27	98.9	99.9	98.9	99.9	100.1	101.0

Tabel: 175 Lakenvelder - zwartbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1996	10	99.3	103.7	99.5	0.0	0.0	0.0
1997	21	99.6	103.9	99.1	100.8	98.0	90.0
1998	18	100.3	102.7	98.4	101.3	97.0	87.7
1999	32	98.8	104.1	99.8	99.5	96.1	89.4
2000	44	99.2	104.0	99.3	99.3	97.1	89.0
2001	35	99.0	104.1	99.2	99.1	96.8	88.6
2002	40	98.4	103.2	99.7	99.2	97.0	88.3
2003	36	99.0	102.9	99.3	99.1	97.4	90.1
2004	30	100.1	104.1	98.8	99.5	98.3	92.1
2005	47	100.7	103.0	97.9	99.3	97.1	90.2
2006	33	99.9	102.6	98.7	99.3	97.4	89.6
2007	34	100.5	103.8	98.1	99.9	97.7	90.0
2008	50	100.3	103.8	98.3	99.1	97.4	91.0
2009	34	101.2	104.0	97.5	99.5	97.4	90.7

2010	35	100.0	104.7	98.6	99.3	97.7	90.6
2011	43	101.4	103.5	97.4	100.4	96.5	90.1
2012	33	101.1	104.7	97.5	99.5	97.2	90.4
2013	33	102.4	103.5	96.4	99.7	97.5	90.9
2014	24	100.2	104.2	98.2	99.2	97.0	89.8
2015	28	100.5	103.2	97.9	99.5	96.2	89.2
2016	18	100.9	104.9	97.7	98.9	96.4	90.8
2017	14	99.3	106.4	99.0	98.3	98.5	91.3
2018	26	100.8	103.4	97.9	99.3	96.5	89.8
2019	24	100.3	104.6	98.1	98.7	97.6	91.4
2020	17	100.5	103.8	97.9	99.3	97.3	90.8
2021	12	101.4	103.0	97.0	99.7	96.7	89.0
2022	24	100.9	103.0	97.8	99.4	97.4	90.8

Tabel: 176 Lakenvelder - zwartbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1990	20	95.8	106.2	93.2	98.3	101.5	97.4	95.9	95.5	104.2
95.0	93.5									
1991	18	95.3	104.9	91.1	96.3	101.2	96.4	95.1	95.7	104.0
94.3	91.3									
1992	29	93.3	101.6	93.9	96.3	96.7	98.4	94.1	95.9	99.9
95.7	91.1									
1993	25	94.8	104.8	91.4	97.5	99.7	97.4	94.8	96.4	102.8
94.2	92.4									
1994	27	94.6	104.1	92.4	96.4	100.1	97.6	94.7	95.8	103.0
95.5	91.2									
1995	39	93.6	104.5	92.3	97.1	98.7	98.0	93.6	95.8	102.5
94.7	91.7									
1996	58	95.2	106.2	92.2	96.9	101.9	96.7	95.2	95.1	104.6
94.0	92.5									
1997	76	94.6	105.7	93.0	95.9	101.4	97.2	94.1	96.0	104.3
94.7	91.2									
1998	76	95.1	106.3	91.5	96.7	101.9	96.9	94.7	95.6	104.7
94.2	91.9									
1999	90	93.9	104.7	91.4	95.9	100.3	96.8	94.1	94.9	103.1
93.8	91.0									
2000	98	94.7	106.5	91.6	95.9	101.9	96.7	94.0	95.8	104.9
94.0	91.0									
2001	78	94.9	106.7	91.3	95.6	102.7	96.2	94.3	95.6	105.2
93.8	90.9									
2002	103	94.4	105.8	90.7	95.7	101.7	96.5	94.1	94.9	104.5
93.6	90.8									

2003	89	94.6	106.7	91.6	96.0	101.9	97.3	93.9	95.5	105.1
	94.3	91.2								
2004	53	94.8	107.2	90.8	96.2	102.8	96.7	94.5	94.9	105.5
	94.0	91.3								
2005	68	94.4	107.6	90.4	96.1	102.8	96.6	93.9	94.2	105.7
	93.4	91.2								
2006	38	94.5	107.2	90.2	95.8	102.7	96.5	94.0	94.4	105.5
	93.4	90.9								
2007	19	94.6	106.9	90.7	96.2	102.3	96.5	94.7	94.2	105.1
	93.5	91.5								
2008	27	93.7	106.7	90.6	95.8	101.4	96.8	93.1	95.5	105.0
	93.1	90.9								
2009	19	93.5	106.2	90.7	95.4	100.9	96.9	92.9	95.3	104.5
	93.2	90.5								
2010	11	92.8	106.7	91.2	95.2	101.5	97.1	92.5	94.2	105.1
	93.0	90.6								

Tabel: 177 Lakenvelder - zwartbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1995	10	99.3	97.7	101.4
1996	20	100.0	98.3	101.8
1997	33	100.5	98.9	102.1
1998	33	101.1	99.2	102.3
1999	45	100.9	99.0	102.4
2000	81	100.6	98.9	102.2
2001	83	100.8	99.0	102.2
2002	73	100.5	98.7	102.0
2003	73	100.6	98.7	102.2
2004	66	100.4	98.6	102.0
2005	107	100.5	98.6	102.1
2006	75	100.5	98.7	102.0
2007	39	100.9	99.0	102.3
2008	48	100.9	99.1	102.4
2009	46	100.9	99.0	102.5
2010	33	101.0	99.0	102.5
2011	41	100.7	98.8	102.3
2012	40	100.8	98.9	102.5
2013	43	100.6	98.6	102.4
2014	33	100.9	99.2	102.4
2015	29	101.0	99.1	102.4
2016	27	101.9	100.1	102.9
2017	21	102.4	100.5	102.9
2018	31	102.1	100.2	102.9
2019	30	102.5	100.5	103.1

2020	18	102.8	100.8	103.3
2021	27	102.6	100.6	103.2
2022	26	102.8	100.9	103.5
2023	11	102.4	100.3	103.0

Tabel: 178 Lakenvelder - zwartbont: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	12	-5232.0	-17815.0	-794.2	-662.7
2003	11	-4800.6	-16718.5	-735.4	-603.4

Tabel: 179 Lakenvelder - zwartbont: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1990	10	95.7	96.6	10	-3.2	98.7	0	0.0
1991	15	96.8	99.1	15	-4.7	158.8	0	0.0
1992	13	97.2	99.5	13	-5.2	204.8	0	0.0
1994	14	98.4	99.9	14	-5.3	195.0	0	0.0
1995	14	95.9	97.4	14	-5.2	148.0	0	0.0
1996	16	96.2	98.6	16	-5.3	152.8	0	0.0
1997	28	96.6	98.7	28	-5.8	156.8	0	0.0
1998	12	94.3	96.7	12	-5.7	137.8	0	0.0
2000	19	96.2	99.1	17	-6.3	225.8	0	0.0
2001	12	96.5	98.3	8	-5.3	146.5	2	88.0
2002	11	98.4	101.0	8	-6.1	230.0	0	0.0
2003	15	97.5	101.7	14	-5.7	170.4	0	0.0

Tabel: 180 Lakenvelder - roodbont: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1988	11	-1141.0	-56.8	-53.2	-53.5	-12.5	-20.8	-1.8	-399.2
1989	10	-1123.5	-55.1	-48.7	-52.6	-10.2	-13.0	-1.8	-374.7
1990	11	-1296.6	-63.3	-55.6	-60.5	-12.4	-15.4	-1.5	-429.1
1992	17	-1771.0	-89.4	-73.2	-82.2	-23.2	-16.8	-1.4	-582.9
1994	16	-1689.6	-85.9	-70.9	-78.4	-23.6	-18.6	-1.2	-562.6
1996	13	-2186.0	-110.6	-88.8	-101.1	-32.6	-20.3	-1.0	-714.0

1997	19	-2223.2	-104.2	-87.6	-102.7	-11.2	-13.0	-1.1	-689.3
1998	24	-1728.5	-82.8	-73.8	-80.2	-12.0	-20.6	-1.5	-565.5
1999	13	-2011.0	-97.6	-77.5	-93.0	-19.8	-6.8	-0.8	-626.2
2000	28	-2184.2	-110.6	-89.5	-99.4	-32.2	-20.8	3.0	-716.6
2001	10	-1893.6	-94.8	-77.3	-83.8	-24.0	-16.2	9.6	-616.9
2002	15	-1935.7	-103.4	-81.6	-87.5	-39.9	-23.3	4.0	-661.2
2013	11	-2222.2	-122.3	-92.0	-100.1	-56.1	-23.7	4.8	-762.4

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 181 Lakenvelder - roodbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1988	13	99.9	102.6	98.5	100.6	98.7	96.9	94.3	100.5
98.9									
1989	16	100.1	103.9	99.9	101.9	99.7	97.0	94.6	102.1
100.0									
1990	30	100.1	103.7	99.5	101.5	99.4	97.0	93.2	101.7
99.8									
1991	27	100.5	104.3	100.3	102.5	100.1	97.2	94.3	102.3
100.6									
1992	40	100.8	104.3	100.4	102.6	100.4	97.3	93.3	102.5
100.7									
1993	39	100.9	104.3	100.5	102.6	100.4	97.4	94.0	102.6
100.6									
1994	51	100.8	103.8	100.1	102.1	100.0	97.3	93.0	102.1
100.3									
1995	50	100.5	104.4	100.4	102.4	100.1	97.2	93.3	102.5
100.5									
1996	65	100.7	104.6	100.5	102.6	100.3	97.2	93.4	102.6
100.8									
1997	94	100.7	104.3	100.5	102.6	100.3	97.3	94.1	102.6
100.6									
1998	121	101.0	104.1	100.6	102.5	100.5	97.5	93.1	102.6
100.7									
1999	123	100.7	104.2	100.3	102.4	100.2	96.9	92.5	102.3
100.5									
2000	159	100.1	104.5	100.0	102.4	99.8	96.5	93.0	102.3
100.2									
2001	153	100.4	104.4	100.2	102.5	100.1	96.5	92.3	102.3
100.4									
2002	155	100.2	104.1	99.8	102.0	99.7	96.0	91.4	102.0
99.9									

2003	153	99.9	104.6	100.1	102.3	99.8	96.3	92.5	102.5
100.3									
2004	156	100.1	103.9	99.6	101.6	99.6	95.8	91.1	101.7
99.7									
2005	125	100.2	104.1	99.9	101.9	99.7	96.0	91.9	102.1
99.8									
2006	105	100.7	103.5	99.7	101.6	100.0	96.1	90.5	101.7
99.8									
2007	57	100.7	103.8	99.9	101.9	100.0	96.4	91.7	101.9
100.0									
2008	62	100.6	103.5	99.8	101.6	100.0	96.3	91.0	101.7
99.8									
2009	64	100.4	104.0	100.0	101.9	99.9	96.0	91.5	102.1
100.0									
2010	66	100.7	103.5	99.9	101.6	100.0	96.0	90.8	101.7
99.9									
2011	52	101.0	102.9	99.5	101.2	100.1	96.3	90.1	101.3
99.6									
2012	55	100.7	103.1	99.5	101.2	99.9	95.8	89.7	101.3
99.5									
2013	51	100.6	103.5	99.6	101.5	100.0	95.9	90.5	101.5
99.7									
2014	50	100.4	103.6	99.6	101.5	99.7	95.6	90.6	101.7
99.6									
2015	37	100.0	103.9	99.6	101.7	99.6	95.4	90.0	101.9
99.7									
2016	32	100.5	104.0	100.2	102.1	100.2	96.4	91.5	102.2
100.2									
2017	40	100.5	103.9	99.9	101.8	99.9	95.8	91.4	102.0
99.9									
2018	34	100.4	103.4	99.6	101.6	99.7	95.6	90.9	101.6
99.5									
2019	18	100.6	104.4	100.2	102.3	100.2	96.2	92.1	102.3
100.3									
2020	20	100.5	104.5	100.5	102.5	100.3	96.1	92.8	102.7
100.5									
2021	21	100.8	104.0	100.3	102.2	100.3	96.1	90.9	102.3
100.3									

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Tabel: 182 Lakenvelder - roodbont: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

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Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
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1988	11	-135.9	-399.2	-169.4	104.0	98.9	93.0	96.0	95.0
97.9									
1989	10	-122.8	-374.7	-294.7	102.3	100.0	0.0	0.0	96.5
63.1									
1990	11	-139.5	-429.1	-258.3	102.1	99.8	0.0	0.0	97.2
84.4									
1992	17	-183.6	-582.9	-207.5	103.4	100.7	94.5	96.5	97.8
151.8									
1994	16	-181.9	-562.6	-195.6	102.8	100.3	97.0	96.0	96.7
205.1									
1996	13	-242.9	-714.0	-364.3	102.3	100.8	92.0	94.0	97.9
220.7									
1997	19	-231.9	-689.3	-550.2	102.3	100.6	0.0	0.0	98.3
172.5									
1998	24	-198.0	-565.5	-262.9	100.4	100.7	95.0	97.0	99.1
124.8									
1999	13	-232.1	-626.2	-358.1	102.3	100.5	0.0	0.0	98.9
122.4									
2000	28	-243.7	-716.6	-348.7	101.9	100.2	0.0	0.0	97.9
206.2									
2001	10	-202.8	-616.9	-78.4	101.7	100.4	0.0	0.0	98.2
156.3									
2002	15	-220.2	-661.2	-298.1	102.4	99.9	0.0	0.0	98.5
216.4									
2013	11	-269.3	-762.4	-597.1	100.9	99.7	90.0	96.0	99.4
183.7									

Tabel: 183 Lakenvelder - roodbont: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1995	15	97.6	99.0	97.6	99.0	98.1	100.8
1996	30	97.9	98.8	97.9	98.8	98.6	101.1
1997	37	97.5	99.6	97.5	99.6	98.3	101.3
1998	65	97.9	100.0	97.9	100.0	98.9	101.7
1999	58	98.2	99.5	98.2	99.5	98.8	101.4
2000	86	98.4	98.3	98.4	98.3	98.8	101.0
2001	73	98.2	99.0	98.2	99.0	98.8	101.2
2002	87	98.3	99.4	98.3	99.4	98.9	101.3
2003	118	97.9	99.0	97.9	99.0	98.5	101.0
2004	113	98.5	99.7	98.5	99.7	99.3	101.5
2005	106	98.3	99.5	98.3	99.5	99.1	101.5
2006	88	98.4	99.6	98.4	99.6	99.1	101.5
2007	43	98.3	99.1	98.3	99.1	98.9	101.4
2008	47	98.6	100.0	98.6	100.0	99.3	101.7
2009	44	98.4	99.7	98.4	99.7	99.2	101.5



2010	50	98.4	99.9	98.4	99.9	99.3	101.7
2011	41	98.8	99.8	98.8	99.8	99.7	101.7
2012	38	98.9	99.9	98.9	99.9	99.6	101.7
2013	39	98.7	99.8	98.7	99.8	99.4	101.6
2014	40	100.0	99.8	100.0	99.8	100.6	101.6
2015	31	101.3	100.1	101.3	100.1	101.5	102.0
2016	27	101.4	100.1	101.4	100.1	101.7	102.0
2017	26	101.5	100.0	101.5	100.0	101.8	101.8
2018	23	101.0	100.0	101.0	100.0	101.3	101.8
2019	12	101.1	100.2	101.1	100.2	101.5	101.8
2020	21	100.9	100.2	100.9	100.2	101.4	102.0
2021	16	100.9	100.1	100.9	100.1	101.2	102.1
2022	16	100.1	100.4	100.1	100.4	101.1	102.0

Tabel: 184 Lakenvelder - roodbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1992	14	99.0	103.2	99.7	98.7	97.0	90.0
1993	13	98.7	103.5	100.1	99.0	99.0	91.0
1995	13	100.2	103.5	98.8	100.0	97.5	91.5
1996	23	100.3	103.0	98.5	101.0	96.5	88.5
1997	25	99.8	103.7	98.7	100.0	97.0	89.2
1998	38	100.8	102.5	97.8	100.4	97.9	89.5
1999	30	99.8	103.2	98.9	99.4	97.1	89.8
2000	50	98.7	103.0	99.5	98.7	96.3	89.6
2001	48	98.8	102.8	99.5	99.1	96.6	89.0
2002	44	99.1	103.2	99.0	99.2	97.0	88.8
2003	59	99.3	103.1	98.8	99.1	97.3	89.1
2004	49	99.8	103.3	98.4	98.8	97.5	89.8
2005	59	100.3	103.1	97.9	99.1	97.4	89.6
2006	40	100.7	102.8	97.4	99.4	97.1	88.8
2007	43	100.3	102.2	97.7	99.2	97.2	88.8
2008	49	100.8	102.8	97.4	99.3	97.9	89.4
2009	48	100.6	102.7	97.5	99.2	97.6	88.9
2010	54	100.7	102.4	97.4	99.4	97.6	88.7
2011	41	100.9	102.0	97.3	99.5	97.4	88.8
2012	41	101.8	102.2	96.5	99.7	97.7	88.3
2013	41	100.4	101.9	97.7	99.2	97.8	89.1
2014	33	100.0	103.8	98.2	98.9	98.0	90.0
2015	24	99.9	105.8	98.4	97.8	97.9	92.0
2016	25	100.4	105.0	98.1	98.4	97.5	91.9
2017	24	99.1	103.5	98.9	98.3	97.8	90.6
2018	23	100.7	103.6	97.4	99.0	97.6	90.0
2020	17	99.5	103.0	98.6	98.2	98.1	91.3
2021	18	100.0	103.3	98.2	98.8	98.2	91.0
2022	19	98.9	103.4	99.3	98.9	97.5	91.0

2024 11 99.2 102.1 99.0 99.0 97.0 90.0

Tabel: 185 Lakenvelder - roodbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1989	10	96.6	108.7	92.7	99.1	102.4	97.0	96.2	95.3	105.6
94.6	94.3									
1990	21	96.0	107.8	93.0	98.2	102.4	97.0	95.6	95.5	105.2
94.3	93.7									
1991	15	96.5	109.5	94.2	99.1	103.0	98.1	95.9	95.7	106.5
95.9	94.8									
1992	29	96.2	108.2	93.2	98.2	102.8	97.3	95.6	95.9	105.9
95.0	93.5									
1993	24	96.7	109.2	92.2	98.7	103.8	96.9	96.0	95.9	107.1
94.6	93.8									
1994	42	95.5	107.2	93.2	97.3	102.6	97.2	95.3	95.4	105.3
95.1	92.6									
1995	33	96.5	108.7	92.5	97.8	103.9	96.8	95.7	95.3	106.7
94.5	93.4									
1996	47	97.0	109.6	90.9	98.9	104.3	96.1	96.4	95.6	107.1
93.8	94.0									
1997	60	96.7	108.5	92.4	98.1	103.6	96.5	96.0	96.2	106.3
94.5	93.6									
1998	84	96.7	107.7	91.5	97.4	103.8	95.9	96.1	96.0	105.9
94.0	92.9									
1999	83	96.7	109.3	91.0	97.9	104.3	96.2	96.0	95.5	107.1
94.0	93.3									
2000	110	96.3	109.1	91.3	96.8	104.6	96.4	95.4	95.6	107.2
94.2	92.4									
2001	100	97.2	109.2	90.9	97.0	105.6	96.0	96.2	95.6	107.7
93.9	93.0									
2002	105	97.3	109.7	90.7	97.1	106.2	95.9	96.5	95.0	108.2
93.8	93.2									
2003	108	97.4	110.3	90.1	97.2	106.5	95.7	96.5	95.0	108.6
93.6	93.4									
2004	108	97.1	109.2	89.5	96.6	106.1	95.1	96.2	94.9	108.2
92.4	93.0									
2005	86	96.9	109.4	89.6	97.1	105.7	95.5	96.1	94.8	107.9
92.7	93.1									
2006	60	96.6	109.4	89.8	96.7	105.8	95.6	95.9	94.4	108.1
92.9	92.7									
2007	28	96.8	110.5	89.1	97.9	105.8	96.2	96.2	94.0	108.4
93.0	94.0									

2008	31	96.6	108.5	89.6	96.6	105.2	95.7	96.0	94.5	107.4
		92.6	93.1							
2009	19	97.3	109.0	88.9	97.1	105.7	94.9	96.5	94.7	107.8
		91.8	93.6							
2010	32	96.4	108.9	89.2	96.9	105.4	95.0	96.0	94.1	107.8
		91.8	93.3							

Tabel: 186 Lakenvelder - roodbont: Kalvervitaliteit  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	16	99.6	97.9	101.5
1993	17	99.3	97.6	101.5
1994	18	99.8	98.0	101.6
1995	24	99.7	97.9	101.8
1996	42	99.6	97.9	101.7
1997	62	100.1	98.3	101.9
1998	89	100.1	98.3	101.9
1999	96	100.2	98.5	101.9
2000	128	100.3	98.6	101.9
2001	127	100.2	98.5	101.8
2002	128	100.1	98.4	101.8
2003	160	100.0	98.3	101.6
2004	165	100.1	98.4	101.6
2005	141	100.0	98.4	101.6
2006	127	100.1	98.4	101.8
2007	61	99.9	98.0	101.7
2008	67	100.0	98.3	101.8
2009	56	99.8	98.2	101.7
2010	68	99.8	98.1	101.7
2011	53	99.8	98.1	101.7
2012	53	100.0	98.3	101.9
2013	43	100.0	98.5	101.8
2014	44	100.9	99.4	102.1
2015	40	102.1	100.4	102.5
2016	39	101.9	100.3	102.5
2017	36	101.6	100.1	102.5
2018	33	102.0	100.4	102.5
2019	11	101.6	100.2	102.6
2020	23	101.7	100.0	102.5
2021	23	102.3	100.7	102.8
2022	15	101.4	99.8	102.3

Tabel: 187 Lakenvelder - roodbont: Levensproductiekenmerken

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	12	-3085.3	-10049.8	-471.3	-388.7

Tabel: 188 Lakenvelder - roodbont: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1988	10	96.6	96.9	11	-3.2	97.9	0	0.0
1989	0	96.1	96.1	10	-2.8	63.1	0	0.0
1990	11	96.5	96.5	11	-3.3	84.4	0	0.0
1992	17	97.6	99.5	17	-4.9	151.8	0	0.0
1994	16	97.1	99.8	16	-5.3	205.1	0	0.0
1996	13	97.1	99.8	13	-6.4	220.7	0	0.0
1997	19	96.0	98.6	19	-5.8	172.5	0	0.0
1998	24	97.1	98.5	24	-4.5	124.8	0	0.0
1999	13	95.8	99.0	11	-4.9	122.4	0	0.0
2000	28	95.1	98.0	24	-6.2	206.2	0	0.0
2001	10	98.1	98.3	7	-4.8	156.3	0	0.0
2002	15	96.9	99.8	11	-5.9	216.4	0	0.0
2013	11	99.5	100.7	7	-6.3	183.7	1	98.0

Tabel: 189 Lakenvelder - roodbont: Stofwisselingsaandoeningen  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2013	10	100.0	0	0.0	0	0.0	10	98.2

Tabel: 190 Blaarkop - zwartbont: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	71	-1487.0	-64.5	-57.6	-69.2	3.7	-5.4	-1.6	-441.3
1981	76	-1566.3	-66.8	-59.4	-72.8	5.8	-3.2	-1.6	-455.8
1982	103	-1624.4	-66.3	-59.1	-75.5	12.1	1.6	-1.5	-453.1
1983	123	-1598.8	-68.7	-59.3	-74.3	4.8	-0.7	-1.4	-461.3

1984	161	-1584.0	-67.5	-59.2	-73.6	6.4	-1.3	-1.5	-457.0
1985	170	-1596.1	-68.0	-59.2	-74.2	6.5	-0.4	-1.5	-458.7
1986	128	-1575.3	-66.6	-58.5	-73.2	7.4	-0.2	-1.5	-451.3
1987	112	-1635.7	-67.0	-59.9	-76.0	11.9	1.3	-1.6	-458.4
1988	104	-1668.1	-67.8	-60.4	-77.5	13.5	2.9	-1.4	-463.4
1989	105	-1597.2	-62.1	-57.8	-74.2	19.1	3.0	-1.5	-434.7
1990	95	-1677.2	-69.1	-60.6	-77.9	11.6	3.1	-1.5	-467.7
1991	79	-1774.7	-77.9	-64.4	-82.3	1.8	2.9	-1.2	-510.8
1992	73	-1559.8	-65.7	-58.2	-72.5	7.4	-0.8	-1.3	-447.4
1993	88	-1462.4	-61.6	-55.0	-68.1	7.7	-1.1	-1.5	-421.5
1994	69	-1360.2	-55.5	-51.9	-63.4	10.7	-2.6	-1.4	-389.8
1995	67	-1315.3	-55.3	-49.5	-61.3	6.8	-1.2	-1.6	-378.5
1996	67	-1383.4	-58.3	-51.6	-64.5	6.5	-0.6	-1.6	-396.8
1997	52	-1123.0	-48.8	-43.6	-52.5	2.2	-3.7	-1.6	-333.9
1998	59	-985.4	-44.4	-39.7	-46.2	-0.7	-5.8	-1.7	-304.0
1999	72	-1136.3	-48.2	-43.0	-53.2	4.8	-1.7	-1.7	-329.8
2000	53	-1245.9	-52.5	-44.7	-57.9	5.9	2.7	-1.0	-349.7
2001	69	-1179.1	-48.6	-43.5	-53.0	7.6	0.4	2.3	-333.0
2002	58	-1017.3	-45.7	-39.9	-44.4	-0.4	-4.1	4.3	-308.8
2003	69	-1101.0	-45.9	-41.9	-49.3	6.6	-2.0	2.8	-318.0
2004	81	-911.1	-40.3	-36.5	-41.6	0.7	-4.8	0.7	-277.9
2005	81	-880.8	-39.2	-35.0	-41.2	0.2	-4.1	-1.2	-268.2
2006	98	-913.0	-42.3	-37.5	-43.5	-2.5	-6.5	-2.6	-288.3
2007	80	-807.6	-39.1	-33.2	-37.3	-5.0	-5.7	0.1	-260.4
2008	93	-802.6	-37.8	-32.7	-37.5	-2.7	-4.8	-0.7	-253.8
2009	124	-817.0	-38.8	-32.2	-38.6	-4.1	-3.2	-1.6	-255.0
2010	100	-788.2	-37.7	-31.7	-38.2	-4.2	-3.9	-3.4	-249.3
2011	115	-848.2	-39.8	-34.4	-40.1	-3.3	-5.3	-1.7	-267.4
2012	139	-861.3	-40.6	-33.4	-40.9	-3.6	-2.5	-2.1	-265.5
2013	96	-747.1	-35.1	-30.6	-35.7	-2.3	-4.8	-1.9	-236.7
2014	128	-837.9	-38.9	-32.8	-39.6	-2.3	-2.8	-1.8	-257.5
2015	128	-754.9	-34.6	-29.4	-35.3	-1.3	-2.2	-0.8	-230.0
2016	116	-750.2	-35.6	-29.0	-35.2	-3.4	-1.8	-1.1	-231.7
2017	113	-824.8	-37.3	-30.6	-39.0	-0.8	-0.0	-1.7	-243.4
2018	106	-788.6	-35.2	-30.3	-37.6	0.5	-1.6	-2.1	-236.1
2019	111	-703.8	-32.8	-28.4	-33.6	-2.1	-3.8	-2.0	-220.4
2020	141	-768.6	-37.5	-29.8	-37.7	-5.6	-2.2	-4.2	-240.8
2021	97	-653.8	-29.0	-25.1	-32.4	0.8	-1.1	-3.9	-194.6
2022	29	-587.9	-30.2	-24.5	-29.1	-6.5	-4.6	-3.5	-196.0

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 191 Blaarkop - zwartbont: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	758	88.3	88.9	88.9	90.1	102.6	93.2	98.1
1981	774	88.4	88.7	88.7	89.8	102.8	93.1	98.2

1982	601	88.8	88.8	89.2	90.5	102.0	93.3	97.7
1983	365	88.7	88.3	88.7	90.3	102.0	92.8	97.1
1984	250	88.4	89.2	88.4	89.7	103.0	92.9	97.1
1985	149	88.9	88.9	88.8	90.1	102.6	92.9	97.4
1986	76	89.0	89.8	88.9	90.0	103.1	92.9	98.1
1987	42	90.1	89.7	89.5	91.0	102.3	92.8	98.1
1988	43	90.0	89.9	89.7	91.0	102.3	93.2	98.3
1989	37	89.9	89.4	89.9	92.1	101.1	92.9	98.2
1990	32	89.9	89.4	89.0	91.0	101.9	93.0	98.1
1991	21	90.3	89.5	89.7	91.5	102.2	92.9	97.3
1992	30	91.0	90.8	90.8	91.8	102.7	93.2	98.9
1993	32	91.7	89.2	90.6	92.6	101.1	93.2	98.1
1994	23	90.5	90.0	90.3	92.3	101.3	92.4	97.6
1995	26	91.8	90.4	91.0	92.4	102.0	93.3	98.6
1996	20	91.5	91.5	92.2	93.2	102.3	92.2	98.5
1997	18	91.6	92.6	92.4	92.9	102.5	92.7	100.2
1998	16	91.8	91.4	90.9	92.1	103.2	93.5	97.7
1999	23	91.7	90.8	90.8	92.3	102.3	93.5	99.5
2000	18	92.9	91.1	91.9	92.9	102.2	93.6	97.5
2001	25	92.1	91.9	91.6	92.2	103.3	92.5	97.8
2002	19	92.4	92.3	92.6	92.9	102.6	92.5	99.4
2003	23	92.2	91.5	92.0	92.6	102.4	93.6	98.0
2004	24	91.6	91.1	92.0	92.7	101.9	92.8	98.9
2005	30	91.6	91.8	92.5	92.7	102.1	93.0	98.6
2006	29	92.3	91.6	93.0	93.4	101.2	93.2	99.9
2007	39	91.7	91.7	91.9	92.8	102.4	93.4	99.4
2008	32	91.7	91.3	91.4	92.3	102.5	93.6	99.0
2009	39	91.5	92.2	91.8	92.2	103.2	93.5	99.7
2010	38	91.2	91.3	90.9	91.5	102.6	94.1	100.7
2011	36	92.2	92.8	92.1	92.2	104.0	93.7	99.6
2012	42	92.7	93.0	92.6	92.4	103.8	92.4	101.6
2013	33	91.8	92.6	92.6	93.0	103.0	92.7	100.9
2014	43	92.3	92.3	92.0	92.7	103.3	93.5	99.8
2015	33	93.9	94.4	93.5	93.6	103.8	93.1	102.0
2016	37	94.9	93.2	94.7	95.5	101.8	94.0	101.6
2017	40	93.6	92.4	93.7	94.3	101.8	93.0	101.2
2018	27	93.0	92.1	92.1	93.1	102.9	92.7	100.7
2019	38	94.2	92.5	93.3	94.1	102.6	94.1	100.9
2020	33	93.5	92.2	93.0	93.8	102.2	93.2	100.9
2021	25	94.1	92.6	93.2	93.9	102.8	93.3	101.2

Tabel: 192 Blaarkop - zwartbont: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	758	92.7	97.5	99.9	89.7	92.7
1981	774	92.5	96.9	100.6	89.6	92.6

1982	601	93.1	97.2	100.1	90.2	92.9
1983	365	93.3	97.3	100.2	90.4	93.2
1984	250	93.5	97.2	100.5	90.7	93.2
1985	149	93.9	97.0	100.4	90.7	93.6
1986	76	94.3	97.1	100.7	90.9	93.5
1987	42	94.7	97.1	100.7	91.3	93.6
1988	43	94.7	96.6	100.9	91.5	93.8
1989	37	95.4	97.7	100.4	91.9	94.3
1990	32	95.7	97.4	100.6	92.2	94.5
1991	21	96.0	96.1	100.9	93.1	95.1
1992	30	96.0	96.4	101.4	93.1	94.9
1993	32	96.4	96.0	101.6	93.2	95.3
1994	23	96.3	96.6	102.1	93.6	95.1
1995	26	96.6	96.5	101.2	93.5	95.5
1996	20	97.9	96.8	101.8	94.5	96.6
1997	18	98.2	96.8	102.3	94.8	96.7
1998	16	98.0	97.6	101.2	94.6	96.9
1999	23	98.4	97.3	101.6	95.0	96.8
2000	18	98.3	97.6	101.4	94.9	97.1
2001	25	97.8	96.4	101.2	94.3	96.7
2002	19	99.7	96.5	102.8	95.9	97.6
2003	23	99.3	95.6	102.6	95.6	97.7
2004	24	98.2	95.9	102.4	95.3	96.9
2005	30	98.4	97.4	101.4	95.6	97.0
2006	29	97.7	97.1	101.6	94.8	96.1
2007	39	98.5	96.5	101.9	95.5	97.2
2008	32	98.6	97.0	101.5	95.7	97.7
2009	39	99.5	97.2	101.6	96.1	98.6
2010	38	98.8	96.2	101.7	95.7	97.7
2011	36	99.1	95.6	102.8	96.0	98.0
2012	42	99.5	96.2	102.6	96.7	98.3
2013	33	99.9	96.8	102.1	96.5	98.7
2014	43	99.5	96.0	102.6	96.5	98.6
2015	33	99.5	96.7	102.3	96.8	98.7
2016	37	99.5	97.3	102.1	96.7	98.8
2017	40	99.2	96.7	102.0	95.7	98.5
2018	27	99.8	97.0	101.9	96.2	99.3
2019	38	99.6	96.7	102.0	96.5	99.1
2020	33	100.5	96.4	102.7	97.5	99.7
2021	25	100.5	95.8	103.1	96.8	99.6

Tabel: 193 Blaarkop - zwartbont: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								

1980 96.5	758	98.3	89.8	104.4	99.3	90.7	93.8	90.8
1981 96.7	774	98.5	90.0	104.5	99.4	91.0	94.0	91.0
1982 96.7	601	99.0	90.6	103.9	99.9	91.3	94.4	91.6
1983 96.2	365	98.3	90.1	103.7	99.3	90.4	94.0	91.2
1984 96.2	250	98.5	89.9	104.0	99.6	90.1	94.1	91.1
1985 96.1	149	98.4	90.6	103.9	99.3	90.1	94.2	91.5
1986 96.3	76	98.4	90.6	104.0	99.1	90.4	93.9	91.2
1987 96.8	42	98.6	90.3	104.7	99.2	91.0	93.5	90.8
1988 96.6	43	98.6	90.7	104.2	99.4	91.0	93.7	91.2
1989 96.7	37	98.2	91.6	103.8	98.7	91.0	93.7	91.6
1990 96.4	32	98.4	91.1	104.5	99.0	90.3	93.2	91.1
1991 97.6	21	99.8	92.0	105.3	100.1	91.9	95.1	92.8
1992 97.1	30	99.7	92.0	104.4	100.0	91.7	94.2	92.2
1993 96.8	32	99.5	92.2	102.9	100.0	91.6	94.3	92.2
1994 96.6	23	99.0	92.7	103.6	99.4	90.7	94.2	92.3
1995 96.8	26	99.5	92.3	103.5	100.2	91.3	94.0	92.1
1996 96.5	20	99.5	93.2	103.8	99.4	91.3	94.2	92.4
1997 97.4	18	99.4	91.9	104.1	99.8	92.3	93.4	91.4
1998 97.4	16	99.4	93.4	103.5	100.2	91.6	94.4	93.2
1999 97.6	23	100.0	93.1	104.6	100.2	91.7	93.8	92.7
2000 96.0	18	100.5	93.3	101.6	101.0	91.4	93.5	92.1
2001 97.3	25	99.8	92.3	104.3	100.7	91.1	94.2	92.5
2002 97.2	19	99.6	94.3	103.1	99.6	92.6	93.8	92.7
2003 97.5	23	100.1	94.0	102.7	100.6	92.3	94.4	93.3
2004 97.0	24	98.5	92.1	103.4	99.0	91.5	92.8	91.3



2005	30	98.8	92.6	104.3	98.7	91.4	93.0	91.7
96.8								
2006	29	97.8	92.3	105.6	97.6	91.4	92.9	91.7
97.1								
2007	39	99.3	92.7	103.7	99.7	91.5	93.3	92.0
97.2								
2008	32	98.8	92.2	104.0	99.2	91.3	93.3	91.8
97.2								
2009	39	99.4	92.9	103.9	99.7	91.6	93.4	91.8
97.4								
2010	38	99.0	93.0	104.8	99.1	91.1	93.4	92.2
97.1								
2011	36	99.6	93.7	104.0	99.9	91.5	94.5	93.3
97.5								
2012	42	100.4	93.9	104.9	100.2	92.0	94.2	93.0
98.1								
2013	33	100.1	93.4	105.2	99.8	92.0	93.3	92.1
98.0								
2014	43	100.3	93.8	104.5	100.7	92.3	94.8	93.5
98.5								
2015	33	100.2	94.9	104.0	100.5	92.8	95.0	94.2
98.4								
2016	37	100.3	94.4	105.1	100.1	93.1	94.7	93.4
98.3								
2017	40	100.5	94.4	104.2	100.4	92.9	95.0	93.8
97.5								
2018	27	100.5	93.9	103.2	100.9	92.8	94.8	93.5
97.9								
2019	38	101.4	94.6	104.2	101.4	93.3	94.7	93.4
97.9								
2020	33	101.1	94.6	104.5	100.8	93.7	95.1	94.0
98.6								
2021	25	100.5	95.2	105.1	100.5	92.9	95.4	94.2
98.8								

Tabel: 194 Blaarkop - zwartbont: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	758	84.0	85.8	89.7	91.1	101.7	82.6
1981	774	83.9	85.6	90.0	90.9	102.2	82.5
1982	601	84.1	85.7	90.8	91.4	101.4	83.3
1983	365	83.2	85.5	89.9	91.7	100.7	82.8
1984	250	83.3	85.8	89.8	91.7	101.1	82.9
1985	149	83.6	85.9	89.9	92.2	101.1	83.3
1986	76	84.4	86.6	89.9	92.2	101.4	83.7
1987	42	84.9	86.5	89.9	92.4	100.0	83.9

1988	43	85.3	86.7	90.3	92.4	100.3	84.2
1989	37	85.0	86.7	89.9	93.1	98.8	84.4
1990	32	84.6	87.0	89.7	93.5	99.3	84.5
1991	21	84.6	87.1	92.0	93.9	99.7	85.8
1992	30	86.7	88.2	91.6	93.7	100.4	86.2
1993	32	85.7	87.6	91.7	94.4	98.3	86.3
1994	23	85.0	87.6	91.0	94.1	98.0	85.7
1995	26	86.8	88.3	91.4	94.5	99.5	86.7
1996	20	87.0	89.9	91.5	95.8	99.2	87.8
1997	18	88.5	90.5	91.3	96.2	100.2	88.5
1998	16	86.8	89.0	92.1	96.2	99.8	88.2
1999	23	87.6	89.3	92.0	96.3	99.3	88.5
2000	18	87.2	89.3	92.2	96.6	99.2	88.7
2001	25	86.8	89.4	91.6	95.8	100.0	87.8
2002	19	88.4	90.8	92.3	97.3	99.9	89.7
2003	23	87.5	89.8	92.8	97.0	99.4	89.3
2004	24	87.2	89.4	90.2	96.0	99.1	87.5
2005	30	87.6	89.9	90.4	96.5	99.6	88.1
2006	29	88.8	90.1	89.5	95.4	99.1	87.2
2007	39	87.9	90.4	91.1	96.6	99.7	88.5
2008	32	87.6	90.0	90.6	97.0	99.5	88.5
2009	39	88.3	90.9	91.4	98.1	100.0	89.9
2010	38	88.2	90.1	90.8	96.9	99.8	88.6
2011	36	88.9	91.3	92.2	97.4	100.7	90.0
2012	42	89.7	92.2	92.5	97.7	100.9	90.6
2013	33	89.1	92.1	91.6	98.3	100.1	90.4
2014	43	88.7	91.3	92.9	98.0	100.2	90.7
2015	33	91.3	94.1	93.6	98.3	101.1	92.2
2016	37	91.8	93.4	93.2	98.4	99.6	92.0
2017	40	90.3	92.2	93.5	97.8	99.5	91.3
2018	27	88.9	91.9	93.4	98.9	99.6	91.6
2019	38	90.5	92.4	94.1	98.5	99.9	92.2
2020	33	89.8	92.3	94.2	99.2	99.5	92.4
2021	25	90.4	92.9	93.8	99.2	99.6	92.4

Tabel: 195 Blaarkop - zwartbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1980	1998	103.3	101.5	101.1	102.1	102.3	102.1	90.6	101.5
102.0									
1981	1974	103.4	101.4	101.2	102.1	102.4	102.0	90.5	101.4
102.1									

1982	1569	103.6	101.6	101.5	102.3	102.7	101.9	90.2	101.7
102.3									
1983	973	104.1	101.1	101.4	102.2	103.0	102.4	90.0	101.4
102.3									
1984	693	104.0	101.1	101.3	102.2	102.9	102.5	90.3	101.4
102.3									
1985	445	104.2	100.9	101.3	102.1	103.0	102.6	89.8	101.3
102.3									
1986	310	103.7	100.8	101.0	101.8	102.7	102.2	89.5	101.0
102.0									
1987	180	104.3	100.6	101.4	102.0	103.4	102.2	89.6	101.2
102.4									
1988	147	104.0	100.4	101.0	101.7	103.0	101.9	89.2	100.9
101.9									
1989	124	103.7	100.6	101.0	101.7	102.9	101.5	88.8	100.9
101.9									
1990	116	104.2	100.6	101.4	101.8	103.4	101.9	89.1	101.2
102.2									
1991	98	104.0	101.0	101.5	102.2	103.3	101.8	88.7	101.4
102.4									
1992	97	104.1	100.7	101.6	102.0	103.5	102.3	89.6	101.3
102.5									
1993	116	103.8	101.3	101.6	102.6	103.8	102.4	90.1	101.7
102.8									
1994	86	104.0	101.1	101.9	102.6	103.9	102.6	91.0	101.7
102.9									
1995	91	103.7	101.2	101.6	102.4	103.5	101.9	90.5	101.6
102.5									
1996	96	103.3	101.1	101.4	102.1	103.2	101.8	90.7	101.4
102.3									
1997	77	102.4	101.0	100.8	101.6	102.4	101.0	90.7	101.1
101.6									
1998	73	102.4	100.9	100.6	101.7	102.4	100.7	91.1	100.9
101.5									
1999	96	102.4	101.2	100.9	101.8	102.6	100.5	91.2	101.2
101.6									
2000	78	101.8	101.1	100.6	101.5	102.1	100.3	91.0	100.9
101.3									
2001	94	102.4	101.1	100.9	101.7	102.6	100.5	90.1	101.1
101.6									
2002	72	103.2	100.4	100.9	101.5	103.0	101.9	91.4	100.8
101.9									
2003	94	102.5	101.3	101.1	102.0	102.8	100.9	91.7	101.3
101.9									
2004	107	102.8	101.0	101.0	101.9	102.9	101.0	91.9	101.2
101.8									
2005	110	103.1	100.8	101.3	102.0	103.2	101.6	92.2	101.2
102.1									
2006	140	103.4	100.6	101.5	102.0	103.4	101.7	92.2	101.3
102.2									

2007	123	103.2	101.0	101.6	102.3	103.5	101.6	92.3	101.5
102.3									
2008	126	103.2	100.9	101.5	102.2	103.4	101.9	92.5	101.5
102.4									
2009	158	103.3	100.9	101.7	102.3	103.6	102.2	92.9	101.5
102.6									
2010	128	103.2	101.3	102.0	102.7	103.8	102.4	92.9	101.9
102.9									
2011	161	103.1	101.6	101.8	102.8	103.6	101.9	92.7	102.0
102.7									
2012	198	103.4	101.6	102.3	102.9	104.0	102.2	92.9	102.2
103.1									
2013	130	103.8	101.7	102.5	103.2	104.4	102.0	92.5	102.5
103.3									
2014	179	103.4	102.2	102.6	103.5	104.3	101.9	92.8	102.8
103.4									
2015	185	102.9	102.0	102.2	103.2	103.8	101.7	93.5	102.4
103.0									
2016	182	103.2	101.2	102.1	102.6	103.8	101.8	93.7	102.0
102.8									
2017	176	102.7	101.6	101.9	102.6	103.4	101.4	93.9	102.0
102.5									
2018	179	102.9	101.6	102.1	102.7	103.6	101.5	94.3	102.1
102.7									
2019	176	102.7	101.2	101.7	102.3	103.3	101.7	94.4	101.7
102.4									
2020	218	102.8	101.4	102.0	102.6	103.5	101.8	94.9	102.0
102.6									
2021	121	102.7	101.2	101.9	102.4	103.4	101.6	94.8	101.8
102.6									
2022	54	102.7	101.6	102.0	102.7	103.5	102.2	94.3	102.1
102.8									

Tabel: 196 Blaarkop - zwartbont: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	97.7	94.8	94.5	100.2	101.4
1981	18	97.7	94.6	94.3	99.8	100.9
1982	27	99.3	96.1	93.5	99.2	100.2
1983	28	99.0	94.1	94.1	99.8	100.9
1984	24	98.8	93.9	94.4	99.9	100.6
1985	24	99.1	94.6	94.2	99.9	100.6
1986	16	98.9	94.9	93.6	99.4	99.8
1987	14	100.1	96.0	93.0	98.6	98.9
1988	13	100.6	96.9	92.7	98.5	99.2

1989	17	99.7	96.1	92.8	98.0	99.3
1990	15	100.1	96.3	93.0	98.2	99.1
1991	15	97.7	94.9	93.1	99.2	99.2
1992	29	98.9	96.0	93.6	98.8	99.3
1993	27	98.2	95.6	93.7	98.7	99.5
1994	23	99.7	95.3	93.3	97.9	99.7
1995	27	99.1	96.3	93.7	98.0	99.4
1996	20	97.8	95.8	93.5	98.7	99.8
1997	18	99.5	94.6	93.3	98.0	99.2
1998	14	98.2	95.5	93.8	98.2	99.8
1999	22	97.8	96.0	93.2	97.5	99.2
2000	17	99.2	95.9	93.2	97.8	98.8
2001	24	97.7	96.3	94.0	98.1	99.2
2002	18	98.2	95.6	92.8	96.5	97.4
2003	22	97.1	96.1	94.9	98.6	99.0
2004	22	98.0	96.5	93.6	97.2	98.3
2005	28	97.1	95.4	94.1	97.2	98.3
2006	28	97.4	96.7	93.3	96.7	97.7
2007	37	97.8	95.8	93.5	96.9	98.0
2008	30	97.7	94.2	93.6	96.7	97.9
2009	38	98.4	94.0	93.6	96.8	97.8
2010	39	98.7	95.6	94.0	96.9	97.9
2011	34	97.3	94.9	93.8	97.0	97.8
2012	37	98.7	96.0	94.0	96.9	98.1
2013	29	98.4	95.1	94.3	97.1	98.2
2014	41	98.0	95.0	94.0	97.1	98.0
2015	28	97.1	95.8	94.2	97.5	98.3
2016	34	98.7	95.6	93.8	97.0	97.8
2017	36	97.5	95.4	93.9	96.8	97.6
2018	24	98.8	95.5	94.5	97.4	98.1
2019	30	98.2	94.5	94.3	97.2	97.7
2020	45	98.2	95.8	94.8	97.3	97.9
2021	15	96.6	95.6	94.4	97.2	97.9

Tabel: 197 Blaarkop - zwartbont: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
BVK									
1980	71	-177.5	-441.3	-126.9	101.0	102.0	89.7	91.1	98.0
0.0									
1981	76	-181.5	-455.8	-147.5	100.5	102.1	90.0	90.9	97.9
0.0									
1982	103	-184.2	-453.1	-141.2	99.8	102.3	90.8	91.4	97.6
0.0									

1983	123	-192.8	-461.3	-145.4	100.5	102.3	89.9	91.7	98.8
0.0									
1984	161	-223.4	-457.0	-291.1	100.4	102.3	89.8	91.7	98.7
0.0									
1985	170	-231.5	-458.7	-413.0	100.4	102.3	89.9	92.2	98.5
252.0									
1986	128	-238.0	-451.3	-498.4	99.7	102.0	89.9	92.2	97.4
215.7									
1987	112	-242.7	-458.4	-568.5	98.6	102.4	89.9	92.4	97.8
187.8									
1988	104	-248.0	-463.4	-584.6	98.8	101.9	90.3	92.4	97.6
180.3									
1989	105	-238.7	-434.7	-562.5	98.7	101.9	89.9	93.1	97.4
171.3									
1990	95	-252.7	-467.7	-607.6	98.6	102.2	89.7	93.5	97.0
151.5									
1991	79	-243.5	-510.8	-629.5	99.1	102.4	92.0	93.9	97.8
145.0									
1992	73	-233.0	-447.4	-562.7	99.0	102.5	91.6	93.7	97.7
135.0									
1993	88	-223.3	-421.5	-532.9	99.1	102.8	91.7	94.4	97.6
161.6									
1994	69	-213.7	-389.8	-498.2	98.8	102.9	91.0	94.1	97.0
162.0									
1995	67	-203.4	-378.5	-453.6	98.6	102.5	91.4	94.5	97.2
134.5									
1996	67	-205.8	-396.8	-485.0	99.3	102.3	91.5	95.8	97.0
117.1									
1997	52	-191.9	-333.9	-447.8	98.5	101.6	91.3	96.2	96.7
107.0									
1998	59	-181.0	-304.0	-373.9	99.0	101.5	92.1	96.2	96.7
125.9									
1999	72	-182.8	-329.8	-372.1	98.2	101.6	92.0	96.3	96.8
128.5									
2000	53	-190.5	-349.7	-407.5	98.2	101.3	92.2	96.6	96.8
115.6									
2001	69	-176.6	-333.0	-343.5	98.6	101.6	91.6	95.8	97.1
118.5									
2002	58	-191.1	-308.8	-400.6	96.7	101.9	92.3	97.3	96.4
95.3									
2003	69	-165.9	-318.0	-325.0	98.7	101.9	92.8	97.0	97.0
125.3									
2004	81	-171.7	-277.9	-336.0	97.6	101.8	90.2	96.0	97.1
121.6									
2005	81	-169.0	-268.2	-321.2	97.6	102.1	90.4	96.5	97.4
131.4									
2006	98	-183.0	-288.3	-361.1	96.9	102.2	89.5	95.4	97.3
112.9									
2007	80	-165.7	-260.4	-322.8	97.3	102.3	91.1	96.6	97.3
119.1									

2008	93	-169.1	-253.8	-325.0	97.1	102.4	90.6	97.0	96.5
125.8									
2009	124	-159.0	-255.0	-324.8	97.1	102.6	91.4	98.1	97.0
87.9									
2010	100	-159.9	-249.3	-287.5	97.3	102.9	90.8	96.9	97.0
119.1									
2011	115	-162.7	-267.4	-312.8	97.2	102.7	92.2	97.4	96.4
102.1									
2012	139	-159.5	-265.5	-284.3	97.2	103.1	92.5	97.7	96.7
87.5									
2013	96	-143.2	-236.7	-252.0	97.5	103.3	91.6	98.3	97.4
94.7									
2014	128	-147.7	-257.5	-296.6	97.3	103.4	92.9	98.0	97.3
95.8									
2015	128	-131.3	-230.0	-257.8	97.7	103.0	93.6	98.3	97.6
62.4									
2016	116	-132.1	-231.7	-206.6	97.1	102.8	93.2	98.4	97.7
76.8									
2017	113	-135.7	-243.4	-261.2	97.0	102.5	93.5	97.8	97.6
83.6									
2018	106	-121.5	-236.1	-214.8	97.6	102.7	93.4	98.9	97.5
82.1									
2019	111	-118.8	-220.4	-206.5	97.2	102.4	94.1	98.5	97.7
80.9									
2020	141	-124.5	-240.8	-244.7	97.4	102.6	94.2	99.2	97.7
80.0									
2021	97	-107.8	-194.6	-198.4	97.4	102.6	93.8	99.2	97.5
86.4									
2022	29	-97.5	-196.0	-135.6	97.1	102.8	94.0	98.0	98.0
133.0									

Tabel: 198 Blaarkop - zwartbont: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2002	11	94.5	97.7	97.0	98.0	96.8	94.2	97.7
2004	10	94.1	97.7	96.8	97.9	96.4	94.2	97.4
2005	15	95.7	98.1	98.3	98.9	96.9	95.0	97.5
2006	12	94.1	98.0	97.0	97.2	96.0	92.8	97.4
2007	14	97.0	99.7	98.2	99.5	98.6	95.9	99.2
2008	12	95.5	97.9	98.6	98.8	96.2	94.5	97.5
2009	20	97.9	99.6	99.3	100.0	98.0	96.8	99.0
2010	19	96.5	99.2	98.8	99.0	96.8	94.7	98.3
2011	13	96.9	99.3	98.2	98.8	98.3	95.8	99.8
2012	22	97.3	99.2	98.8	99.0	98.0	96.2	99.7
2013	15	96.3	98.7	98.1	99.0	97.9	96.2	99.3

2015	11	98.3	100.0	99.5	100.1	98.7	97.9	98.6
2016	17	97.0	100.6	97.2	98.1	99.1	95.9	101.0
2017	11	97.4	100.6	98.6	98.5	98.4	94.7	99.9
2018	12	98.7	100.9	99.1	99.3	99.2	96.9	100.8
2019	13	98.8	101.6	99.0	99.2	99.8	96.6	101.3
2021	11	97.3	100.2	97.9	98.5	98.8	95.7	100.4

Tabel: 199 Blaarkop - zwartbont: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	25	95.2	99.4	95.2	99.4	96.0	101.8
1983	29	96.7	100.1	96.7	100.1	97.2	102.4
1984	28	96.9	100.1	96.9	100.1	97.4	102.2
1985	31	96.0	100.1	96.0	100.1	96.6	102.5
1986	35	95.2	98.9	95.2	98.9	95.7	101.3
1987	32	95.8	99.6	95.8	99.6	96.3	102.3
1988	35	95.8	98.9	95.8	98.9	96.2	101.9
1989	38	95.9	98.5	95.9	98.5	96.4	101.7
1990	49	96.4	98.6	96.4	98.6	96.6	101.9
1991	41	97.1	98.6	97.1	98.6	97.2	102.4
1992	59	97.5	98.9	97.5	98.9	97.6	102.4
1993	87	96.5	99.5	96.5	99.5	97.0	102.4
1994	104	96.7	98.9	96.7	98.9	97.2	101.9
1995	100	96.7	99.0	96.7	99.0	97.2	102.2
1996	106	96.7	99.0	96.7	99.0	97.4	102.0
1997	71	96.0	99.1	96.0	99.1	96.8	101.7
1998	78	96.1	98.9	96.1	98.9	97.2	101.5
1999	110	96.3	99.1	96.3	99.1	97.4	101.5
2000	98	96.8	98.9	96.8	98.9	97.7	101.2
2001	113	96.9	99.3	96.9	99.3	97.8	101.7
2002	86	95.8	98.7	95.8	98.7	96.6	100.7
2003	105	96.4	99.3	96.4	99.3	96.8	101.3
2004	133	96.8	99.2	96.8	99.2	97.3	101.9
2005	139	97.3	99.3	97.3	99.3	98.0	102.2
2006	171	97.2	99.5	97.2	99.5	97.8	102.1
2007	146	96.9	99.6	96.9	99.6	97.7	102.1
2008	162	96.2	99.2	96.2	99.2	96.9	102.1
2009	193	96.5	99.5	96.5	99.5	97.2	102.0
2010	174	96.7	99.3	96.7	99.3	97.4	102.2
2011	186	96.1	99.0	96.1	99.0	96.9	101.7
2012	238	96.3	99.2	96.3	99.2	97.0	101.9
2013	175	97.0	99.5	97.0	99.5	97.7	102.6
2014	222	96.9	99.4	96.9	99.4	97.9	102.4
2015	231	97.2	99.5	97.2	99.5	98.2	102.3
2016	234	96.8	99.8	96.8	99.8	97.7	102.5
2017	240	96.8	99.7	96.8	99.7	97.7	102.6



2018	285	96.9	99.6	96.9	99.6	97.8	102.5
2019	244	97.1	99.7	97.1	99.7	97.9	102.7
2020	281	97.2	99.7	97.2	99.7	98.1	102.7
2021	245	96.9	99.5	96.9	99.5	97.9	102.2
2022	265	97.4	99.9	97.4	99.9	98.3	102.7
2023	231	97.3	99.9	97.3	99.9	98.2	102.7
2024	128	97.1	99.9	97.1	99.9	97.9	102.7

Tabel: 200 Blaarkop - zwartbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	47	104.6	99.9	96.1	101.0	93.7	90.9
1981	36	104.8	100.3	96.0	101.9	92.5	88.6
1982	81	104.0	99.5	96.7	101.6	93.7	90.0
1983	124	103.0	99.5	97.5	100.0	93.7	91.1
1984	119	102.8	99.3	97.6	99.9	94.1	91.3
1985	85	103.4	99.1	97.2	100.4	93.1	90.8
1986	90	103.2	99.8	97.3	100.1	94.8	91.2
1987	39	102.7	99.4	97.8	101.0	94.1	90.5
1988	38	104.4	97.9	96.3	102.3	94.0	89.0
1989	35	105.0	97.9	95.7	101.8	93.2	89.2
1990	29	103.8	99.1	96.8	101.7	94.3	89.4
1991	26	103.9	100.1	96.6	100.8	94.2	90.4
1992	25	103.1	99.6	97.5	101.9	93.5	89.1
1993	27	103.3	99.6	97.1	100.1	92.5	91.2
1994	28	102.4	99.6	98.0	100.9	93.0	89.5
1995	19	103.8	98.1	96.8	100.6	94.1	90.9
1997	20	101.2	99.5	99.1	100.5	93.7	90.1
1998	27	102.4	99.4	98.1	100.3	94.1	90.9
1999	35	101.8	100.1	98.6	100.9	94.8	90.6
2000	23	101.4	101.4	98.8	100.2	95.5	91.8
2001	37	101.7	101.3	98.6	100.0	96.8	91.9
2002	31	102.5	98.2	98.1	101.2	95.7	90.4
2003	36	103.5	101.0	97.3	99.0	95.4	93.6
2004	54	103.4	99.6	97.2	99.7	95.1	92.3
2005	70	103.6	98.2	96.9	100.6	95.0	91.1
2006	76	103.0	98.2	97.4	100.4	95.2	91.2
2007	86	103.3	97.7	97.2	100.9	95.0	90.5
2008	90	102.3	98.3	98.0	101.1	94.8	90.4
2009	129	102.3	98.0	98.1	101.3	94.6	90.2
2010	117	102.7	98.3	97.8	101.2	94.5	90.2
2011	127	102.1	98.3	98.4	101.6	94.2	90.0
2012	155	102.1	99.1	98.1	100.8	95.3	90.7
2013	101	103.0	98.7	97.3	100.1	94.4	91.4
2014	135	102.7	98.5	97.5	100.1	94.1	91.1
2015	120	102.4	99.0	97.9	100.1	94.5	91.7

2016	149	102.4	98.9	98.0	100.7	94.5	91.1
2017	111	102.1	100.1	98.3	100.2	93.8	91.3
2018	148	102.3	99.8	98.1	99.7	93.4	91.8
2019	140	102.3	99.4	98.1	100.0	93.8	91.5
2020	108	101.7	100.3	98.6	99.5	94.3	92.2
2021	104	102.5	99.7	97.9	100.3	93.6	90.9
2022	119	102.5	99.6	97.9	100.5	93.9	91.0
2023	49	102.3	99.4	98.1	99.7	94.0	91.9
2024	30	102.0	99.3	98.4	100.0	93.8	92.0

Tabel: 201 Blaarkop - zwartbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	43	105.1	111.6	93.1	99.5	115.4	94.0	102.8	96.3	114.9
92.7	101.1									
1981	39	105.6	112.4	93.1	99.7	116.2	94.1	103.2	96.6	115.3
93.0	101.2									
1982	51	105.9	111.3	93.0	100.2	115.8	93.6	103.9	96.4	114.5
92.6	101.8									
1983	67	104.3	110.7	94.6	99.3	114.0	95.1	102.1	96.8	113.6
94.5	99.7									
1984	66	103.7	109.8	95.7	99.4	112.2	95.6	102.1	96.6	112.3
94.7	99.7									
1985	65	104.2	109.5	94.8	99.1	113.0	94.7	102.4	96.9	112.4
93.8	99.8									
1986	54	104.7	109.1	93.9	99.5	113.1	94.0	103.0	96.9	112.3
92.9	100.6									
1987	38	105.3	109.5	94.0	99.1	114.5	93.7	103.2	97.4	113.2
92.6	100.7									
1988	42	104.8	108.6	94.2	98.8	113.7	93.9	103.1	96.8	112.4
92.4	100.7									
1989	51	104.0	109.5	94.1	99.0	112.6	94.7	101.7	97.6	112.5
93.1	99.8									
1990	46	103.5	109.0	95.2	98.3	112.5	95.2	101.1	97.5	112.5
93.3	99.4									
1991	48	103.2	109.5	94.4	98.6	112.1	94.8	101.0	97.8	112.3
93.2	99.2									
1992	67	101.6	108.5	94.9	98.1	110.3	95.9	99.1	98.3	111.3
93.6	98.1									
1993	82	102.6	107.6	94.7	97.9	110.6	94.8	100.5	98.1	110.5
93.5	98.1									
1994	69	102.7	108.5	95.2	98.1	111.4	95.2	100.2	98.4	111.4
93.7	98.4									

1995	66	102.5	108.3	95.8	98.0	110.8	95.7	100.0	98.5	111.3
94.3	98.3									
1996	88	102.1	108.1	95.5	98.3	110.1	95.6	99.9	98.1	110.8
94.1	98.3									
1997	71	102.5	108.2	95.0	99.1	110.2	95.7	100.5	97.8	110.7
93.9	99.3									
1998	71	102.1	108.3	94.8	99.2	109.6	95.5	100.1	98.1	110.3
94.1	98.6									
1999	98	101.9	108.3	93.9	99.5	109.3	95.5	100.0	98.0	110.1
93.6	98.5									
2000	76	101.2	107.9	94.5	99.0	108.5	95.9	99.3	97.7	109.7
93.9	98.0									
2001	88	101.8	108.9	94.8	99.2	109.5	95.6	99.8	97.7	110.5
94.0	98.3									
2002	73	100.7	106.5	95.9	98.4	107.7	96.6	98.9	98.5	108.6
94.7	97.3									
2003	84	99.9	106.5	96.3	97.7	107.3	97.0	98.2	97.6	108.7
95.0	96.8									
2004	121	100.4	107.0	95.5	98.1	108.1	96.4	98.8	97.0	109.2
94.5	97.3									
2005	115	100.3	106.1	96.3	97.6	107.3	96.4	98.8	97.6	108.4
94.6	97.0									
2006	120	99.8	106.2	96.6	97.5	107.2	96.8	98.4	96.9	108.5
94.8	96.8									
2007	98	100.4	106.5	96.1	98.1	107.6	96.5	98.8	97.5	108.7
94.6	97.4									
2008	117	100.1	106.1	95.9	98.3	106.7	97.2	98.6	97.5	108.1
95.0	97.3									
2009	115	100.1	105.8	96.2	98.4	106.6	97.1	98.6	97.9	107.9
94.9	97.3									
2010	84	99.9	105.7	95.9	98.0	106.5	97.3	98.2	98.2	107.9
94.9	97.1									
2011	81	100.2	106.2	96.0	98.2	106.9	97.1	98.3	98.3	108.3
94.8	97.2									
2012	68	100.2	105.9	96.2	98.4	106.5	97.5	98.8	98.1	107.8
95.5	97.4									
2013	44	100.4	106.0	96.1	98.4	106.5	97.3	98.5	98.7	108.3
94.7	98.0									
2014	45	100.7	106.1	96.2	98.4	107.1	97.1	99.1	98.1	108.3
95.2	97.8									
2015	32	100.8	106.2	96.4	100.0	106.1	97.7	99.2	98.8	107.5
95.4	99.0									
2016	37	99.9	104.6	96.1	98.8	105.2	97.6	98.4	98.4	106.8
95.0	97.9									
2017	38	99.9	105.6	95.2	98.6	106.1	97.2	98.2	98.2	107.6
94.3	97.8									
2018	26	100.6	105.4	96.2	98.3	106.8	97.4	98.7	98.5	108.2
95.2	98.0									
2019	36	100.7	105.6	96.1	98.8	106.5	97.4	98.8	98.4	107.9
95.1	98.3									

2020	31	100.1	105.2	95.9	98.1	106.4	97.3	98.5	98.1	107.7
		94.8	97.6							
2021	22	100.7	105.7	95.9	98.3	107.2	97.0	98.6	98.6	108.4
		94.7	97.9							

Tabel: 202 Blaarkop - zwartbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	24	95.6	94.5	99.9
1983	29	94.4	93.7	98.8
1984	25	93.1	92.6	98.0
1985	32	94.1	93.2	99.1
1986	34	95.1	93.8	99.6
1987	28	95.1	94.0	100.0
1988	31	95.2	94.0	100.0
1989	29	94.4	93.4	99.3
1990	42	93.7	92.5	99.0
1991	33	93.1	92.1	98.3
1992	57	93.2	92.3	98.4
1993	92	94.4	93.2	99.4
1994	105	93.6	92.3	99.0
1995	112	93.5	92.4	98.6
1996	115	93.3	92.2	98.5
1997	84	93.6	92.5	98.7
1998	86	93.8	92.5	98.6
1999	125	94.3	92.9	99.3
2000	112	93.5	92.0	98.8
2001	126	93.1	91.6	98.5
2002	95	92.3	90.8	97.9
2003	124	93.7	92.0	99.0
2004	160	93.2	91.5	98.8
2005	163	92.3	90.6	98.3
2006	205	92.2	90.4	98.2
2007	176	91.9	90.0	98.2
2008	193	91.9	90.1	98.3
2009	225	92.2	90.4	98.4
2010	190	91.9	90.0	98.3
2011	221	91.8	90.0	98.2
2012	267	92.5	90.7	98.6
2013	191	92.9	91.1	99.0
2014	241	93.0	91.3	99.2
2015	286	93.7	92.0	99.4
2016	274	94.0	92.2	99.7
2017	267	94.1	92.2	99.8
2018	329	94.1	92.2	99.9

2019	315	93.9	92.2	99.8
2020	323	93.9	92.1	99.8
2021	289	93.9	92.2	99.7
2022	295	94.0	92.2	99.7
2023	254	94.4	92.6	100.1
2024	132	94.8	92.9	100.4

Tabel: 203 Blaarkop - zwartbont: Levensproductiekenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	69	-3864.9	-14029.2	-582.3	-492.5
2002	58	-4146.0	-14840.8	-628.6	-525.7
2003	69	-3711.1	-13404.7	-556.2	-475.0
2004	78	-3656.5	-13088.5	-550.3	-466.4
2005	86	-3549.8	-12727.3	-535.1	-452.2
2006	98	-3820.1	-13566.5	-577.3	-485.6
2007	80	-3542.3	-12543.8	-538.2	-448.3
2008	94	-3516.6	-12484.1	-532.9	-446.0
2009	125	-3523.7	-12553.8	-535.4	-445.9
2010	100	-3271.9	-11633.3	-496.1	-414.8
2011	115	-3506.7	-12483.1	-530.1	-445.7
2012	139	-3298.3	-11765.2	-501.3	-417.3
2013	98	-3021.1	-10708.8	-455.6	-384.7
2014	130	-3344.1	-11937.4	-507.0	-424.0
2015	128	-3045.5	-10896.7	-460.7	-386.8
2016	116	-2712.9	-9688.2	-412.4	-343.2
2017	113	-3089.4	-11127.8	-469.7	-390.8
2018	107	-2770.9	-9955.8	-418.0	-352.7
2019	111	-2697.4	-9612.9	-406.5	-343.6
2020	142	-2994.6	-10666.7	-456.8	-377.7
2021	97	-2565.8	-9276.1	-386.5	-327.0
2022	36	-2158.8	-7645.8	-326.9	-274.0

Tabel: 204 Blaarkop - zwartbont: Robot / AMS kenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
2009	14	95.7	92.2	101.9	92.8
2012	13	95.3	92.7	100.9	91.4
2014	14	95.2	94.9	101.1	93.1
2016	11	96.5	94.6	101.2	93.9
2017	15	93.8	95.1	101.3	91.7

2019	10	95.0	95.8	101.2	93.2
2020	26	95.6	95.0	101.0	93.0
2021	15	96.9	97.1	100.9	95.5

Tabel: 205 Blaarkop - zwartbont: Overige productie en efficiency kenm.  
Basis: Dubbeloel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	71	95.1	100.4	0	0.0	0.0	0	0.0
1981	76	95.3	100.2	0	0.0	0.0	0	0.0
1982	103	94.7	99.6	0	0.0	0.0	0	0.0
1983	123	95.5	99.7	0	0.0	0.0	0	0.0
1984	161	95.3	99.9	0	0.0	0.0	0	0.0
1985	170	95.3	100.0	144	-5.4	252.0	0	0.0
1986	128	95.2	99.4	82	-4.9	215.7	0	0.0
1987	112	94.4	98.9	59	-4.9	187.8	0	0.0
1988	104	94.1	98.9	55	-4.6	180.3	0	0.0
1989	105	93.9	98.3	42	-4.1	171.3	0	0.0
1990	95	94.8	98.9	42	-4.3	151.5	0	0.0
1991	79	94.5	98.3	42	-5.0	145.0	0	0.0
1992	73	95.0	98.8	42	-4.1	135.0	0	0.0
1993	88	93.7	98.7	36	-4.0	161.6	0	0.0
1994	69	94.0	98.6	24	-3.9	162.0	0	0.0
1995	67	95.0	99.5	31	-3.4	134.5	0	0.0
1996	67	94.3	98.6	26	-3.3	117.1	0	0.0
1997	52	95.2	98.6	22	-2.9	107.0	0	0.0
1998	59	94.7	98.7	17	-2.9	125.9	0	0.0
1999	72	94.5	98.1	27	-3.3	128.5	0	0.0
2000	53	95.0	97.6	24	-3.3	115.6	0	0.0
2001	69	96.0	99.1	31	-3.2	118.5	25	91.3
2002	58	95.4	98.1	24	-2.5	95.3	19	92.4
2003	69	96.7	99.6	26	-3.0	125.3	23	90.7
2004	81	95.7	98.9	30	-2.9	121.6	24	90.6
2005	81	95.6	98.6	32	-2.9	131.4	30	91.3
2006	98	95.6	98.4	33	-2.9	112.9	29	91.8
2007	80	95.7	98.7	44	-2.9	119.1	39	91.7
2008	93	95.7	98.4	34	-2.8	125.8	32	91.2
2009	124	96.3	98.6	52	-2.4	87.9	39	92.5
2010	100	95.6	98.7	39	-2.8	119.1	38	91.6
2011	115	95.6	98.7	38	-2.6	102.1	36	93.3
2012	139	95.1	99.1	44	-2.5	87.5	42	94.1
2013	96	95.7	98.9	36	-2.4	94.7	33	93.2
2014	128	95.7	98.9	49	-2.4	95.8	43	93.1
2015	128	95.7	98.8	38	-2.0	62.4	33	95.8
2016	116	95.8	99.0	39	-2.1	76.8	37	94.7
2017	113	95.8	98.5	56	-2.5	83.6	40	93.5
2018	106	95.9	99.0	41	-2.2	82.1	27	93.1

2019	111	96.3	99.0	48	-2.2	80.9	38	93.9
2020	141	96.1	99.1	50	-2.2	80.0	33	93.3
2021	97	95.7	98.3	32	-2.2	86.4	25	94.2
2022	29	96.0	98.1	1	-2.3	133.0	1	92.0

Tabel: 206 Blaarkop - zwartbont: Stofwisselingsaandoeningen  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1983	13	99.3	0	0.0	0	0.0	13	92.7
1984	10	99.2	0	0.0	0	0.0	10	93.0
1989	10	99.6	0	0.0	0	0.0	10	93.9
1993	10	99.2	0	0.0	0	0.0	10	92.6
1994	10	99.1	0	0.0	0	0.0	10	92.1
1995	14	99.2	0	0.0	0	0.0	14	92.1
1997	13	99.3	0	0.0	0	0.0	13	92.8
1998	16	99.3	0	0.0	0	0.0	16	92.2
1999	17	99.4	0	0.0	0	0.0	17	92.2
2000	13	99.5	0	0.0	0	0.0	13	93.2
2001	20	99.5	0	0.0	0	0.0	20	93.5
2002	21	99.7	0	0.0	0	0.0	21	94.1
2003	28	99.5	0	0.0	0	0.0	28	93.4
2004	37	99.2	0	0.0	0	0.0	37	92.3
2005	52	99.4	0	0.0	0	0.0	52	92.5
2006	39	99.5	0	0.0	0	0.0	39	93.1
2007	53	99.5	0	0.0	0	0.0	53	93.3
2008	68	99.4	0	0.0	0	0.0	68	92.7
2009	106	99.6	1	107.0	0	0.0	106	93.5
2010	90	99.5	0	0.0	0	0.0	90	93.2
2011	111	99.5	0	0.0	0	0.0	111	93.5
2012	129	99.5	0	0.0	1	97.0	129	93.2
2013	89	99.6	0	0.0	1	100.0	89	93.8
2014	118	99.7	0	0.0	0	0.0	118	94.1
2015	118	99.6	0	0.0	0	0.0	118	94.5
2016	106	99.6	0	0.0	0	0.0	106	93.8
2017	106	99.6	0	0.0	0	0.0	106	94.0
2018	92	99.6	0	0.0	0	0.0	92	94.6
2019	96	99.7	0	0.0	0	0.0	96	94.8
2020	125	99.7	0	0.0	0	0.0	125	94.5
2021	85	99.7	0	0.0	0	0.0	85	94.6
2022	23	99.7	0	0.0	0	0.0	23	94.7

Tabel: 207 Verbeterd Roodbont: Melkproductiekenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	78	-1553.4	-66.5	-57.6	-72.3	5.2	-0.5	-1.6	-447.2
1981	61	-1578.1	-65.8	-57.9	-73.4	9.1	0.7	-1.5	-446.4
1982	118	-1576.9	-66.0	-57.3	-73.3	8.3	1.8	-1.6	-444.3
1983	116	-1587.6	-65.8	-57.9	-73.8	9.9	1.4	-1.5	-446.4
1984	132	-1580.5	-67.5	-58.4	-73.5	6.0	-0.0	-1.5	-453.7
1985	114	-1596.4	-67.6	-58.4	-74.2	6.9	1.3	-1.5	-454.0
1986	144	-1561.4	-64.3	-56.9	-72.6	10.8	1.6	-1.5	-437.7
1987	201	-1476.1	-59.2	-53.8	-68.7	13.3	1.5	-1.4	-409.2
1988	184	-1575.2	-65.7	-57.6	-73.2	9.1	1.4	-1.4	-444.8
1989	176	-1498.3	-61.7	-53.8	-69.7	10.2	3.3	-1.5	-416.3
1990	177	-1537.9	-64.9	-55.0	-71.5	7.6	3.9	-1.5	-431.1
1991	160	-1560.7	-65.8	-56.3	-72.6	7.6	2.8	-1.4	-439.5
1992	173	-1474.5	-59.3	-53.3	-68.7	12.7	2.3	-1.6	-407.3
1993	165	-1507.2	-61.2	-53.8	-70.1	12.3	4.1	-1.5	-414.8
1994	158	-1309.2	-54.0	-48.4	-61.1	8.9	0.2	-1.5	-370.6
1995	161	-1360.1	-54.7	-50.6	-63.4	11.8	-0.6	-1.6	-382.0
1996	132	-1244.7	-49.9	-45.6	-58.2	10.8	1.0	-1.7	-345.7
1997	159	-1147.9	-48.4	-42.0	-53.7	5.8	1.2	-1.6	-325.8
1998	205	-1105.0	-43.4	-40.1	-51.8	11.4	1.6	-1.6	-302.8
1999	196	-1132.4	-45.6	-40.7	-53.0	9.5	2.6	-1.6	-311.7
2000	222	-1065.1	-45.3	-40.2	-49.7	4.5	-0.9	-1.2	-308.8
2001	203	-1046.8	-46.0	-39.3	-47.1	1.8	-0.7	2.3	-307.1
2002	190	-999.2	-44.2	-38.5	-45.3	1.0	-2.6	1.6	-298.2
2003	188	-998.8	-42.1	-37.7	-46.1	5.1	-1.0	-0.1	-288.2
2004	180	-834.7	-39.7	-33.1	-39.1	-4.0	-3.6	-1.1	-261.4
2005	155	-788.5	-37.1	-32.1	-38.3	-3.0	-5.0	-3.4	-249.5
2006	188	-719.4	-36.3	-29.3	-35.9	-6.7	-4.4	-4.8	-234.9
2007	182	-710.0	-34.4	-28.9	-34.5	-4.3	-4.4	-3.2	-227.6
2008	163	-769.8	-36.9	-29.8	-37.5	-3.8	-1.8	-3.3	-239.2
2009	187	-616.1	-29.9	-25.4	-30.7	-3.6	-4.0	-3.9	-199.0
2010	159	-672.5	-32.5	-26.5	-33.6	-3.7	-2.4	-4.5	-211.3
2011	183	-669.2	-34.4	-26.8	-33.9	-7.4	-3.1	-5.3	-218.6
2012	184	-674.1	-34.0	-26.6	-33.3	-6.2	-2.4	-3.8	-216.6
2013	220	-701.7	-33.8	-26.4	-35.5	-3.9	-0.3	-5.6	-214.7
2014	190	-736.0	-34.4	-27.6	-37.3	-2.2	-0.4	-5.9	-222.0
2015	178	-731.4	-33.7	-26.6	-37.0	-1.6	1.3	-5.8	-215.4
2016	159	-695.2	-34.0	-25.3	-35.4	-4.6	1.2	-5.9	-210.8
2017	168	-670.2	-32.4	-24.7	-34.0	-3.7	0.6	-5.4	-203.7
2018	114	-669.4	-31.1	-24.7	-34.2	-1.3	0.6	-5.8	-199.6
2019	162	-606.2	-31.0	-23.3	-31.9	-6.1	-1.1	-6.9	-193.4
2020	134	-653.7	-30.5	-23.9	-33.5	-1.8	0.8	-5.8	-194.2
2021	138	-628.1	-29.4	-23.1	-32.1	-2.0	0.6	-5.5	-187.5
2022	19	-399.0	-23.8	-17.7	-21.7	-9.5	-4.8	-5.7	-147.6

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 208 Verbeterd Roodbont: Exterieurkenmerken bouw



Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	422	88.6	88.6	89.0	90.0	102.4	93.2	98.1
1981	343	88.7	88.2	88.7	90.0	102.2	93.0	98.1
1982	332	88.8	88.5	89.1	90.6	101.9	93.3	97.6
1983	222	88.6	88.7	88.7	89.9	102.6	92.7	97.9
1984	170	88.6	88.6	88.5	89.7	102.8	92.3	97.8
1985	111	88.4	89.2	88.7	89.6	103.1	92.5	97.6
1986	100	89.3	89.0	88.6	90.0	102.4	92.4	98.0
1987	104	89.3	89.2	88.9	90.4	102.4	92.6	98.6
1988	77	89.4	89.0	88.9	90.6	101.9	92.7	98.1
1989	75	90.2	88.7	89.2	91.2	101.4	92.7	98.8
1990	68	89.5	88.3	88.7	90.7	101.5	92.5	98.4
1991	58	89.9	89.5	89.6	91.2	102.0	93.1	98.3
1992	72	90.3	89.5	89.7	91.5	101.8	93.1	98.2
1993	75	90.6	89.7	90.2	92.1	101.4	93.2	98.1
1994	68	91.0	91.1	91.0	92.4	101.9	93.8	98.7
1995	74	90.5	90.6	90.0	91.6	102.0	92.6	98.0
1996	61	91.6	90.6	91.3	92.6	101.7	93.1	98.4
1997	64	92.4	91.3	91.8	93.0	101.8	92.8	98.5
1998	89	92.0	91.0	91.8	93.5	101.1	93.4	98.5
1999	74	93.0	91.5	92.6	93.7	101.3	93.3	99.2
2000	80	92.7	91.5	92.4	93.4	101.3	92.8	99.0
2001	81	92.5	91.5	92.3	93.4	101.0	92.1	99.2
2002	60	92.9	91.8	92.8	93.6	101.3	92.7	100.0
2003	68	93.2	92.0	92.8	93.6	101.6	93.0	99.2
2004	51	92.4	91.8	92.7	93.7	101.5	93.2	99.2
2005	52	93.2	91.6	93.1	94.3	100.8	92.5	100.5
2006	75	93.4	92.0	93.4	94.3	100.7	93.1	100.2
2007	70	93.4	92.4	93.7	94.3	101.1	93.2	100.5
2008	52	93.6	92.5	93.4	94.2	101.5	94.0	100.4
2009	63	94.3	92.7	94.3	95.4	100.4	93.3	101.5
2010	64	94.0	92.4	94.0	95.2	100.4	93.2	101.4
2011	67	93.8	92.7	93.7	94.7	101.0	93.3	101.2
2012	52	93.3	93.0	93.6	94.4	101.8	93.5	101.0
2013	58	94.4	92.7	94.5	95.3	101.1	92.7	101.7
2014	67	94.0	93.2	94.2	95.0	101.2	93.3	101.8
2015	61	94.7	93.2	94.3	94.9	101.5	93.4	101.2
2016	55	93.6	92.8	93.4	94.2	102.1	93.5	100.7
2017	47	94.1	92.7	94.0	95.0	101.8	93.6	101.5
2018	32	94.2	92.2	94.0	95.3	101.1	93.3	100.7
2019	41	94.5	92.8	93.8	95.0	101.8	93.6	101.3
2020	29	94.1	94.0	93.9	94.1	103.5	93.8	101.8
2021	42	94.3	93.3	94.1	95.0	102.1	93.6	101.1

Tabel: 209 Verbeterd Roodbont: Exterieurkenmerken beenwerk

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	422	92.4	97.2	100.1	89.4	92.6
1981	343	92.7	96.9	100.5	89.7	92.7
1982	332	93.0	96.9	100.3	90.0	92.8
1983	222	93.0	96.7	100.7	90.2	92.9
1984	170	93.2	96.8	100.5	90.3	93.2
1985	111	93.5	97.0	100.4	90.6	93.4
1986	100	93.9	96.5	101.0	90.8	93.3
1987	104	93.9	95.9	101.1	90.7	93.0
1988	77	94.9	95.9	101.5	91.5	94.1
1989	75	94.8	96.3	101.5	91.4	93.7
1990	68	95.2	95.3	102.1	91.7	93.9
1991	58	95.7	95.8	101.9	92.3	94.5
1992	72	96.0	95.7	101.8	92.2	94.8
1993	75	96.4	96.9	101.3	92.7	95.2
1994	68	96.4	96.7	102.3	94.2	95.0
1995	74	96.2	96.4	102.3	93.6	95.0
1996	61	97.1	96.2	102.1	93.9	95.7
1997	64	97.8	96.0	102.7	94.0	96.3
1998	89	96.9	97.3	101.4	93.7	95.5
1999	74	98.0	96.5	102.3	94.5	96.4
2000	80	98.5	96.1	103.2	95.2	96.7
2001	81	98.3	97.1	102.1	95.0	96.5
2002	60	98.4	97.0	102.3	95.2	96.4
2003	68	98.7	96.4	102.4	95.4	96.9
2004	51	98.2	96.5	102.3	95.0	96.7
2005	52	98.2	98.0	101.4	95.3	96.6
2006	75	98.2	97.7	101.8	95.5	96.6
2007	70	99.0	97.1	102.5	95.9	97.3
2008	52	98.6	97.0	102.9	95.5	97.1
2009	63	98.6	97.4	101.8	95.6	97.4
2010	64	98.6	98.1	101.4	95.7	97.6
2011	67	98.7	96.8	102.3	96.0	97.7
2012	52	98.6	97.0	102.4	95.8	97.4
2013	58	99.2	97.6	101.9	95.9	98.1
2014	67	98.7	97.8	101.7	96.0	97.4
2015	61	98.9	97.4	101.9	96.3	97.8
2016	55	99.3	97.8	101.8	96.3	98.2
2017	47	99.0	97.4	101.6	95.7	98.5
2018	32	99.2	97.8	101.3	95.6	98.8
2019	41	99.8	96.6	102.6	95.8	99.0
2020	29	99.9	97.1	102.1	96.2	99.0
2021	42	99.3	96.6	102.6	96.3	98.7

Tabel: 210 Verbeterd Roodbont: Exterieurkenmerken uier

Basis: Dubbeldoel  
Land: NL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	422	98.5	90.0	104.5	99.4	91.1	94.2	91.2
96.7								
1981	343	98.8	90.3	104.6	99.7	91.1	94.3	91.3
96.7								
1982	332	99.0	90.9	104.1	99.8	91.7	94.5	91.8
96.9								
1983	222	98.7	90.9	104.0	99.6	90.8	94.6	91.9
96.5								
1984	170	98.7	90.3	103.7	99.8	90.6	94.4	91.5
96.4								
1985	111	98.5	90.6	103.9	99.4	90.3	94.5	91.6
96.3								
1986	100	98.9	91.0	104.5	99.5	91.0	94.5	91.7
96.8								
1987	104	99.0	91.1	104.5	99.7	91.5	94.1	91.5
97.2								
1988	77	99.2	91.3	104.1	99.8	91.4	94.2	91.8
96.7								
1989	75	99.7	91.7	104.7	100.1	91.7	94.0	91.8
97.0								
1990	68	99.7	91.5	104.4	100.4	91.0	94.2	91.8
96.6								
1991	58	99.8	92.1	104.3	100.2	91.2	94.4	92.2
96.6								
1992	72	99.1	91.8	104.4	99.5	90.9	93.5	91.5
96.4								
1993	75	99.2	92.4	103.6	99.4	90.9	93.6	91.8
96.2								
1994	68	99.4	92.4	104.1	99.5	91.4	93.0	91.3
96.6								
1995	74	99.4	92.0	103.5	100.2	90.6	93.3	91.4
96.3								
1996	61	100.4	93.0	103.7	100.5	91.9	94.5	92.4
96.6								
1997	64	99.3	92.9	104.4	99.8	92.0	94.2	92.5
97.4								
1998	89	98.8	93.0	104.1	99.0	91.4	94.1	92.4
96.8								
1999	74	99.4	93.4	104.3	99.4	92.0	94.0	92.3
97.0								
2000	80	99.3	93.8	103.9	99.6	92.2	93.9	92.4
97.4								
2001	81	98.9	93.4	104.7	99.0	92.0	93.3	92.1
97.6								

2002	60	99.4	93.6	104.2	99.3	92.3	93.9	92.4
97.2								
2003	68	99.9	94.6	104.3	99.7	92.9	94.6	93.4
97.8								
2004	51	100.2	94.7	104.2	99.8	93.3	95.0	93.6
97.7								
2005	52	100.0	94.4	104.9	99.3	93.4	94.9	93.4
97.8								
2006	75	99.0	94.2	106.4	98.3	92.5	93.4	92.3
97.8								
2007	70	99.5	94.3	105.1	98.9	92.9	93.9	92.6
97.7								
2008	52	99.5	93.7	105.9	98.7	92.6	93.2	91.9
97.6								
2009	63	98.9	94.0	105.0	98.1	93.0	93.1	92.0
97.7								
2010	64	98.7	93.3	105.6	97.9	92.5	92.5	91.1
97.5								
2011	67	99.3	94.0	105.3	98.7	93.4	93.7	92.2
98.0								
2012	52	99.6	93.8	105.7	98.7	92.6	93.2	91.9
97.6								
2013	58	99.6	94.3	106.2	98.8	93.4	94.2	92.8
98.3								
2014	67	99.9	94.4	106.2	99.2	93.5	94.0	93.0
98.5								
2015	61	100.7	94.5	105.9	100.3	93.9	94.6	93.1
98.7								
2016	55	100.9	94.5	105.9	100.5	93.4	94.5	93.2
98.3								
2017	47	100.2	94.0	105.3	99.7	93.5	95.0	93.4
98.0								
2018	32	100.8	94.1	105.5	100.6	93.8	95.2	93.4
98.2								
2019	41	100.6	94.0	104.7	100.7	93.6	95.0	93.4
98.1								
2020	29	101.7	94.4	105.0	101.3	93.8	95.2	93.6
98.1								
2021	42	101.0	94.5	104.8	100.8	93.9	95.8	94.5
98.5								

Tabel: 211 Verbeterd Roodbont: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	422	84.0	85.5	90.3	90.9	101.7	82.7
1981	343	83.7	85.5	90.4	91.0	101.7	82.7

1982	332	83.9	85.4	91.1	91.2	101.3	83.2
1983	222	83.6	85.7	90.7	91.3	101.5	83.1
1984	170	83.3	85.8	90.4	91.6	101.5	83.1
1985	111	83.5	86.0	90.3	91.8	101.6	83.2
1986	100	83.8	85.9	90.7	91.9	100.6	83.5
1987	104	84.4	86.2	90.9	91.5	100.6	83.6
1988	77	84.2	86.4	91.1	92.7	100.0	84.4
1989	75	84.7	86.3	91.4	92.4	99.4	84.4
1990	68	83.9	86.2	91.3	92.4	99.1	84.2
1991	58	85.0	87.2	91.6	93.1	99.6	85.2
1992	72	85.1	87.3	90.6	93.3	99.3	84.9
1993	75	85.5	87.7	90.8	94.2	98.5	85.9
1994	68	87.0	88.3	90.8	94.2	99.1	86.2
1995	74	85.4	87.5	90.8	94.0	99.0	85.7
1996	61	86.7	88.4	92.4	94.9	98.9	87.4
1997	64	87.3	89.1	91.8	95.5	98.7	87.8
1998	89	87.3	88.7	91.1	94.8	98.2	87.0
1999	74	88.4	89.6	91.7	95.8	98.6	88.3
2000	80	88.0	89.7	92.0	96.3	98.5	88.7
2001	81	87.8	89.5	91.1	96.1	98.3	88.0
2002	60	88.6	90.2	91.7	96.1	98.8	88.6
2003	68	88.7	90.2	92.9	96.4	98.9	89.4
2004	51	88.4	90.0	93.3	96.0	98.8	89.1
2005	52	89.1	90.4	93.0	96.0	98.3	89.2
2006	75	89.5	90.7	91.2	96.1	98.2	88.7
2007	70	89.9	91.4	92.1	97.0	98.7	89.9
2008	52	90.1	91.3	91.3	96.9	98.8	89.4
2009	63	91.0	92.0	91.3	96.9	98.2	89.8
2010	64	90.7	91.8	90.4	97.2	97.9	89.4
2011	67	90.5	91.7	91.9	97.1	98.5	90.0
2012	52	90.4	91.8	91.4	96.8	98.6	89.6
2013	58	90.8	92.6	92.3	97.8	98.6	90.8
2014	67	91.0	92.4	92.5	97.1	98.9	90.5
2015	61	91.2	92.5	93.6	97.3	99.3	91.2
2016	55	90.1	92.1	93.5	98.0	99.4	91.3
2017	47	91.1	92.8	93.1	97.9	99.1	91.3
2018	32	90.5	92.2	93.8	98.4	98.6	91.8
2019	41	91.0	92.8	93.7	98.4	99.3	92.0
2020	29	91.6	93.8	94.4	98.7	100.9	92.9
2021	42	90.9	92.9	94.5	98.1	99.5	92.2

Tabel: 212 Verbeterd Roodbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
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Vru

1980	760	103.8	101.4	101.4	102.3	102.7	102.5	90.4	101.6
102.3									
1981	653	103.6	101.4	101.3	102.2	102.6	102.2	90.3	101.5
102.2									
1982	600	104.2	101.2	101.5	102.3	103.0	102.5	89.8	101.6
102.5									
1983	436	104.2	101.1	101.3	102.3	103.1	102.7	90.0	101.4
102.4									
1984	386	104.3	100.9	101.3	102.2	103.0	102.6	90.2	101.3
102.3									
1985	281	104.5	100.5	101.2	102.0	103.2	103.4	90.0	101.0
102.4									
1986	294	104.5	100.5	101.3	102.0	103.3	102.8	89.6	101.1
102.4									
1987	300	104.8	100.1	101.3	101.9	103.6	102.8	89.6	100.8
102.4									
1988	242	104.8	100.2	101.4	102.0	103.7	102.7	89.3	101.0
102.5									
1989	214	105.1	100.0	101.6	101.9	103.9	102.8	89.5	101.0
102.6									
1990	206	105.0	100.1	101.7	101.9	104.1	103.1	89.6	101.1
102.7									
1991	213	105.2	100.5	102.1	102.4	104.4	103.0	89.8	101.5
103.0									
1992	239	104.9	100.3	101.8	102.2	104.2	103.2	90.0	101.3
102.9									
1993	220	104.8	100.5	101.9	102.3	104.3	103.3	90.3	101.4
103.1									
1994	247	104.3	100.1	101.4	101.9	103.7	102.8	90.8	101.0
102.5									
1995	229	104.3	100.4	101.7	102.1	104.0	102.6	90.3	101.3
102.7									
1996	223	104.3	100.5	101.7	102.1	103.9	102.5	90.4	101.3
102.7									
1997	267	104.1	100.2	101.5	101.8	103.7	102.4	90.9	101.0
102.4									
1998	299	103.7	100.2	101.3	101.7	103.4	102.1	91.6	100.9
102.2									
1999	289	103.1	100.7	101.2	101.9	103.2	101.7	91.5	101.1
102.1									
2000	341	103.8	100.2	101.4	101.7	103.6	102.4	91.6	100.9
102.4									
2001	294	103.4	100.3	101.2	101.7	103.4	102.1	91.6	100.9
102.2									
2002	278	104.0	100.2	101.7	101.9	104.0	102.7	91.8	101.1
102.7									
2003	267	103.2	100.4	101.2	101.8	103.3	101.9	92.1	100.9
102.1									

2004	267	102.4	100.7	100.9	101.8	102.9	101.4	92.9	100.9
101.8									
2005	216	103.7	100.0	101.3	101.8	103.8	102.3	92.4	100.8
102.3									
2006	237	104.2	100.1	101.9	102.2	104.4	102.9	92.7	101.2
102.9									
2007	253	103.9	99.9	101.5	101.8	103.9	102.6	92.7	100.9
102.5									
2008	213	103.4	100.2	101.4	101.7	103.6	102.4	93.0	100.9
102.3									
2009	242	103.1	100.1	101.2	101.5	103.3	102.5	93.7	100.7
102.2									
2010	213	103.3	100.4	101.6	102.0	103.6	102.9	93.7	101.2
102.6									
2011	216	103.4	100.5	101.7	102.1	103.9	103.0	93.5	101.3
102.8									
2012	222	103.4	100.9	101.9	102.4	104.0	102.9	93.3	101.7
102.9									
2013	265	103.4	101.2	102.1	102.7	104.1	102.9	93.4	101.9
103.1									
2014	231	103.5	101.4	102.3	103.0	104.3	102.8	93.8	102.1
103.2									
2015	243	103.2	101.1	101.9	102.6	103.9	102.6	93.8	101.8
102.9									
2016	233	103.2	101.0	101.9	102.5	103.9	102.3	94.2	101.7
102.8									
2017	214	103.4	100.9	102.1	102.6	104.0	102.2	94.1	101.8
102.9									
2018	158	103.3	100.8	101.9	102.3	103.9	102.1	94.1	101.6
102.7									
2019	230	102.9	101.0	101.8	102.5	103.8	102.1	94.3	101.7
102.7									
2020	202	102.7	101.1	101.6	102.4	103.5	101.6	93.7	101.6
102.4									
2021	173	103.2	100.8	101.9	102.5	103.9	102.0	94.2	101.6
102.7									
2022	49	103.1	101.0	101.9	102.6	103.8	101.9	94.7	101.7
102.7									

Tabel: 213 Verbeterd Roodbont: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	21	97.4	93.6	94.6	100.7	101.9
1981	20	97.0	93.9	95.1	100.4	101.3
1982	31	98.9	95.3	93.8	99.7	100.8

1983	32	99.2	95.1	94.5	99.9	100.6
1984	22	99.0	95.1	95.0	100.3	101.0
1985	24	98.9	95.1	94.4	100.0	100.5
1986	20	100.0	96.3	94.2	99.7	100.2
1987	26	100.3	97.2	93.5	98.7	99.0
1988	29	99.7	96.3	93.2	98.6	98.9
1989	27	100.0	96.3	93.5	98.7	99.2
1990	29	99.9	96.4	94.1	99.0	100.1
1991	28	99.2	97.0	92.8	98.1	99.4
1992	69	99.6	96.2	93.3	98.2	99.3
1993	75	99.7	96.6	93.3	98.0	99.5
1994	65	98.7	94.8	93.8	97.8	99.7
1995	72	99.3	95.7	93.4	97.7	99.2
1996	60	99.7	96.6	93.8	98.4	99.6
1997	60	99.4	95.9	93.6	97.8	98.9
1998	92	98.9	96.5	93.3	97.1	98.9
1999	64	98.7	96.0	93.3	97.0	98.7
2000	80	98.7	95.1	92.8	96.5	98.4
2001	78	98.0	95.3	92.8	96.7	98.6
2002	58	98.4	95.4	92.5	96.1	98.0
2003	67	98.4	95.0	93.5	96.8	98.3
2004	48	98.2	95.0	93.0	96.3	98.0
2005	46	98.1	95.6	92.6	95.9	97.3
2006	72	97.6	94.6	92.6	95.9	96.9
2007	68	97.5	94.9	92.7	95.6	96.8
2008	51	97.5	95.2	92.8	95.7	96.7
2009	57	97.7	94.7	92.8	95.4	96.1
2010	62	97.0	94.3	92.9	95.5	96.3
2011	64	97.6	94.8	92.9	95.6	96.8
2012	51	98.0	94.4	93.2	95.7	96.9
2013	50	98.5	95.7	92.8	95.5	96.5
2014	58	97.6	95.3	93.2	96.1	96.9
2015	56	97.6	95.1	93.7	96.4	97.5
2016	45	97.8	95.8	94.5	96.9	98.4
2017	35	99.1	95.0	94.1	96.7	97.6
2018	33	97.2	94.5	94.2	96.5	97.3
2019	32	97.8	94.7	93.8	96.4	96.9
2020	35	97.4	94.9	94.4	97.0	97.6
2021	27	97.7	95.0	94.0	96.4	96.8

Tabel: 214 Verbeterd Roodbont: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
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1980	78	-188.1	-447.2	-121.1	101.6	102.3	90.3	90.9	97.9
0.0									
1981	61	-195.7	-446.4	-142.9	101.0	102.2	90.4	91.0	98.3
0.0									
1982	118	-199.2	-444.3	-144.1	100.4	102.5	91.1	91.2	97.8
0.0									
1983	116	-205.4	-446.4	-154.7	100.4	102.4	90.7	91.3	98.5
0.0									
1984	132	-229.4	-453.7	-337.6	100.8	102.3	90.4	91.6	98.7
0.0									
1985	114	-233.3	-454.0	-404.3	100.4	102.4	90.3	91.8	99.1
246.6									
1986	144	-236.1	-437.7	-509.1	100.0	102.4	90.7	91.9	98.0
231.1									
1987	201	-231.7	-409.2	-523.0	98.7	102.4	90.9	91.5	97.7
203.2									
1988	184	-248.6	-444.8	-592.5	98.6	102.5	91.1	92.7	97.7
190.1									
1989	176	-234.6	-416.3	-595.6	98.8	102.6	91.4	92.4	97.9
166.7									
1990	177	-230.0	-431.1	-575.5	99.6	102.7	91.3	92.4	98.1
171.3									
1991	160	-234.6	-439.5	-604.7	98.7	103.0	91.6	93.1	98.0
166.5									
1992	173	-229.8	-407.3	-558.8	98.7	102.9	90.6	93.3	97.8
163.4									
1993	165	-229.7	-414.8	-567.1	98.7	103.1	90.8	94.2	97.3
155.6									
1994	158	-212.5	-370.6	-527.4	98.8	102.5	90.8	94.2	96.6
138.3									
1995	161	-213.7	-382.0	-505.8	98.3	102.7	90.8	94.0	96.5
150.9									
1996	132	-180.5	-345.7	-447.2	99.0	102.7	92.4	94.9	96.6
137.6									
1997	159	-185.0	-325.8	-408.9	98.2	102.4	91.8	95.5	97.0
128.7									
1998	205	-188.1	-302.8	-433.1	97.9	102.2	91.1	94.8	96.3
130.7									
1999	196	-189.6	-311.7	-441.8	97.7	102.1	91.7	95.8	96.3
122.8									
2000	222	-189.5	-308.8	-445.0	97.3	102.4	92.0	96.3	96.3
125.3									
2001	203	-188.8	-307.1	-416.2	97.5	102.2	91.1	96.1	96.3
123.1									
2002	190	-192.0	-298.2	-437.2	96.8	102.7	91.7	96.1	96.2
119.2									
2003	188	-176.7	-288.2	-400.0	97.5	102.1	92.9	96.4	96.2
112.2									
2004	180	-172.6	-261.4	-387.1	96.9	101.8	93.3	96.0	96.1
114.3									

2005	155	-177.0	-249.5	-386.7	96.3	102.3	93.0	96.0	96.1
111.7									
2006	188	-173.1	-234.9	-370.1	96.1	102.9	91.2	96.1	96.2
107.1									
2007	182	-169.6	-227.6	-360.5	95.8	102.5	92.1	97.0	96.4
102.6									
2008	163	-182.0	-239.2	-368.4	95.8	102.3	91.3	96.9	96.1
92.1									
2009	187	-175.3	-199.0	-367.5	95.3	102.2	91.3	96.9	96.4
88.3									
2010	159	-176.8	-211.3	-346.6	95.5	102.6	90.4	97.2	96.1
92.7									
2011	183	-166.7	-218.6	-333.6	95.9	102.8	91.9	97.1	95.9
92.7									
2012	184	-159.4	-216.6	-319.1	95.9	102.9	91.4	96.8	96.3
85.3									
2013	220	-163.9	-214.7	-345.9	95.6	103.1	92.3	97.8	96.1
82.9									
2014	190	-159.5	-222.0	-359.7	96.2	103.2	92.5	97.1	96.3
83.0									
2015	178	-144.4	-215.4	-327.0	96.7	102.9	93.6	97.3	96.7
77.2									
2016	159	-126.5	-210.8	-251.4	97.5	102.8	93.5	98.0	97.2
88.7									
2017	168	-125.7	-203.7	-233.2	96.9	102.9	93.1	97.9	97.5
87.6									
2018	114	-130.6	-199.6	-262.1	96.6	102.7	93.8	98.4	97.6
92.9									
2019	162	-129.8	-193.4	-277.3	96.3	102.7	93.7	98.4	97.5
79.6									
2020	134	-124.8	-194.2	-269.7	97.0	102.4	94.4	98.7	97.7
66.5									
2021	138	-127.5	-187.5	-288.0	96.3	102.7	94.5	98.1	97.5
86.9									
2022	19	-97.2	-147.6	-184.3	97.2	102.7	95.5	94.5	97.9
75.3									

Tabel: 215 Verbeterd Roodbont: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	19	95.2	97.7	97.2	98.5	97.1	95.2	98.5
1998	37	95.6	98.0	97.9	99.1	97.1	95.1	98.1
1999	34	95.3	97.4	97.6	99.1	96.8	95.6	98.2
2000	34	94.8	97.2	96.9	98.7	96.9	95.2	98.6
2001	49	94.8	97.2	97.3	98.9	96.6	95.0	97.8

2002	33	94.7	97.4	97.2	98.1	96.4	94.5	98.2
2003	41	95.5	98.3	97.3	98.6	97.7	94.9	98.9
2004	31	95.3	97.4	98.0	98.7	96.7	95.0	97.9
2005	34	95.4	98.0	97.9	98.5	96.8	94.6	97.8
2006	58	94.7	98.0	96.9	98.0	97.0	94.1	98.2
2007	50	95.5	98.4	97.4	98.4	97.5	95.1	98.5
2008	37	94.6	97.7	96.8	97.9	97.2	94.6	98.6
2009	40	96.1	98.5	98.5	98.9	97.0	95.2	98.0
2010	48	96.4	98.8	98.3	99.2	97.5	95.9	98.4
2011	43	96.5	98.8	98.2	99.0	97.9	95.7	98.8
2012	34	96.9	99.3	98.6	98.9	98.2	96.0	99.1
2013	39	95.5	98.9	97.1	98.0	97.6	95.0	99.1
2014	39	95.9	98.3	97.9	98.5	97.4	95.7	98.6
2015	20	97.1	99.2	98.8	99.3	98.3	96.8	98.6
2016	20	96.2	98.9	98.0	98.6	97.6	95.4	98.5
2017	29	97.3	99.7	98.6	98.9	98.5	95.7	100.0
2018	21	96.5	99.0	98.5	98.4	97.4	94.5	99.4
2019	20	97.4	99.9	98.7	99.2	98.2	95.8	99.8
2020	14	96.4	99.1	98.1	98.0	97.6	94.0	99.8
2021	17	95.9	98.3	98.5	98.4	96.8	94.7	98.6

Tabel: 216 Verbeterd Roodbont: Levensvatbaarheidskenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	22	95.0	99.2	95.0	99.2	95.5	101.8
1983	19	96.1	100.3	96.1	100.3	96.6	102.3
1984	17	97.0	99.5	97.0	99.5	96.8	102.8
1985	13	95.8	100.2	95.8	100.2	96.1	103.0
1986	32	95.1	99.2	95.1	99.2	95.7	101.6
1987	53	95.0	99.3	95.0	99.3	95.7	101.7
1988	71	95.6	99.1	95.6	99.1	96.2	102.0
1989	74	96.3	98.9	96.3	98.9	96.4	102.1
1990	86	97.5	99.2	97.5	99.2	97.6	102.8
1991	101	96.8	99.1	96.8	99.1	97.0	102.6
1992	127	96.6	99.3	96.6	99.3	96.7	102.5
1993	164	96.6	99.3	96.6	99.3	97.1	102.2
1994	244	96.5	98.7	96.5	98.7	97.2	101.5
1995	210	96.6	98.4	96.6	98.4	97.0	101.6
1996	197	96.4	98.6	96.4	98.6	97.0	101.8
1997	241	96.5	99.1	96.5	99.1	97.1	102.0
1998	327	95.8	98.6	95.8	98.6	96.6	101.0
1999	325	95.8	98.6	95.8	98.6	96.7	100.8
2000	369	96.1	98.7	96.1	98.7	97.0	100.8
2001	346	96.0	98.8	96.0	98.8	97.0	100.7
2002	369	95.7	98.7	95.7	98.7	96.7	100.5
2003	381	95.4	99.0	95.4	99.0	96.5	100.8

2004	355	95.0	99.0	95.0	99.0	96.4	100.9
2005	312	95.5	98.8	95.5	98.8	96.6	101.0
2006	329	95.7	98.9	95.7	98.9	96.7	101.2
2007	319	96.0	99.1	96.0	99.1	96.9	101.3
2008	276	96.1	98.7	96.1	98.7	97.2	100.7
2009	323	96.2	99.0	96.2	99.0	97.0	100.8
2010	306	96.1	98.7	96.1	98.7	96.9	100.6
2011	299	95.9	98.5	95.9	98.5	96.8	100.5
2012	301	96.5	98.6	96.5	98.6	97.3	100.9
2013	335	96.4	98.4	96.4	98.4	97.2	100.6
2014	318	96.9	98.4	96.9	98.4	97.6	100.9
2015	347	96.9	98.8	96.9	98.8	97.8	101.0
2016	322	96.9	99.2	96.9	99.2	97.7	101.2
2017	328	97.3	99.4	97.3	99.4	98.0	101.5
2018	273	97.5	99.5	97.5	99.5	98.2	101.7
2019	301	97.3	99.4	97.3	99.4	98.3	101.5
2020	298	97.3	99.7	97.3	99.7	98.4	101.8
2021	298	97.3	99.4	97.3	99.4	98.3	101.3
2022	312	97.8	99.5	97.8	99.5	98.5	101.8
2023	272	97.9	99.7	97.9	99.7	98.7	101.8
2024	126	98.0	99.8	98.0	99.8	98.7	102.0

Tabel: 217 Verbeterd Roodbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	48	105.7	99.9	95.2	101.9	92.0	88.5
1981	44	106.4	100.0	94.6	102.1	91.7	87.5
1982	78	105.8	98.6	95.2	102.5	93.3	89.2
1983	82	104.5	99.0	96.2	100.6	93.7	90.5
1984	90	104.7	99.1	96.1	100.9	93.3	90.1
1985	77	105.3	98.4	95.6	101.6	93.2	89.8
1986	64	105.2	98.0	95.8	102.0	93.8	89.7
1987	67	105.0	97.9	95.9	102.4	93.9	89.8
1988	58	106.1	97.1	94.8	103.1	93.8	88.5
1989	42	105.4	98.4	95.4	102.5	93.3	88.9
1990	47	104.7	99.4	95.9	100.9	94.7	90.6
1991	49	105.7	99.1	95.1	102.3	92.2	88.4
1992	52	104.8	99.1	96.1	102.3	92.5	88.5
1993	58	104.2	99.6	96.5	101.4	92.3	89.1
1994	63	103.1	98.9	97.4	101.7	93.3	89.2
1995	58	103.2	98.7	97.2	100.7	94.7	90.4
1996	55	102.4	99.9	98.0	100.4	94.7	90.9
1997	68	102.5	99.2	98.2	101.0	94.1	90.9
1998	97	102.1	99.5	98.3	100.9	93.9	90.2
1999	78	102.2	99.4	98.2	100.8	94.8	90.6
2000	101	101.6	99.0	98.9	101.5	94.6	90.0

2001	98	101.6	99.4	98.8	101.1	95.2	90.6
2002	92	101.5	99.2	98.8	101.3	94.8	90.1
2003	120	102.2	99.2	98.2	100.8	94.3	90.4
2004	113	102.3	98.9	97.8	100.8	94.0	89.8
2005	134	102.6	98.3	97.6	100.9	93.7	89.9
2006	127	102.7	97.9	97.6	101.0	93.8	89.8
2007	191	102.1	97.5	98.2	101.3	94.7	89.9
2008	162	101.8	98.0	98.6	101.6	95.1	89.7
2009	193	102.3	97.9	98.3	102.6	95.4	88.9
2010	186	102.4	97.2	98.1	102.6	95.2	89.0
2011	162	102.4	97.4	98.1	101.8	94.7	89.2
2012	187	102.5	97.8	97.9	101.5	94.7	89.3
2013	206	102.3	97.5	98.0	101.3	94.8	89.7
2014	178	102.7	97.4	97.7	101.2	94.3	90.2
2015	176	102.2	98.3	98.1	101.3	94.4	89.8
2016	191	102.2	97.8	98.2	101.5	94.0	89.9
2017	173	102.2	98.4	98.2	101.1	93.9	90.2
2018	149	102.1	98.6	98.2	100.9	93.8	89.9
2019	160	102.6	98.0	97.8	101.3	93.6	89.3
2020	124	102.4	99.2	97.9	100.9	94.0	90.0
2021	110	102.4	99.0	97.9	101.2	93.7	89.3
2022	136	102.9	99.1	97.6	101.0	94.7	90.4
2023	43	103.4	97.7	97.1	101.6	93.4	89.7
2024	36	102.6	98.1	97.9	101.3	94.6	90.2

Tabel: 218 Verbeterd Roodbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	39	105.3	111.6	93.3	99.4	115.6	93.7	103.0	96.6	114.7
92.7	100.9									
1981	28	105.0	111.5	93.1	99.1	115.6	93.9	102.6	96.2	114.9
92.6	100.8									
1982	73	105.6	111.2	93.4	99.3	116.0	93.6	103.4	96.2	114.7
92.6	101.2									
1983	61	104.4	110.9	95.0	99.3	114.6	94.9	102.5	96.0	113.8
94.4	99.9									
1984	50	103.7	109.7	95.8	99.1	112.6	95.7	102.0	96.2	112.4
94.9	99.6									
1985	56	104.5	110.5	95.4	99.2	114.3	94.9	102.8	96.1	113.5
94.3	100.2									
1986	59	105.1	109.8	94.3	99.2	114.7	93.9	103.4	96.0	113.3
93.0	100.6									

1987	69	105.5	108.9	94.1	99.1	114.7	93.2	104.0	96.3	112.8
92.3	101.2									
1988	79	104.8	109.3	94.3	99.1	113.9	93.9	102.9	96.9	112.8
92.6	100.7									
1989	81	104.5	109.0	94.8	98.8	113.7	94.3	102.5	96.9	112.7
93.0	100.5									
1990	96	103.7	109.2	94.6	98.1	113.3	94.4	101.7	96.7	112.8
93.1	99.4									
1991	129	103.7	109.6	94.5	98.8	112.9	94.8	101.6	97.2	112.6
93.2	99.8									
1992	148	103.0	109.1	95.1	98.2	112.4	95.2	100.8	97.2	112.3
93.6	99.1									
1993	172	102.2	108.8	94.9	98.0	111.3	95.5	99.8	97.8	111.8
93.5	98.4									
1994	205	102.3	108.2	95.0	98.4	110.6	95.4	99.9	98.4	111.1
93.3	98.7									
1995	187	102.9	108.8	95.7	98.2	111.9	95.4	100.4	98.1	111.9
93.9	98.9									
1996	191	102.9	108.3	96.0	98.1	111.3	95.4	100.4	98.4	111.3
93.9	98.9									
1997	264	102.5	107.4	96.3	97.5	110.8	95.2	100.2	98.3	110.9
93.9	98.3									
1998	304	102.2	106.9	96.1	97.9	109.9	95.7	99.8	98.9	110.1
93.8	98.2									
1999	310	101.9	107.3	95.8	97.8	109.9	95.6	99.4	98.7	110.4
93.7	97.9									
2000	337	101.6	106.8	96.4	97.5	109.5	95.6	99.2	98.7	109.8
94.1	97.4									
2001	331	101.4	106.6	96.5	97.2	109.2	95.6	98.8	99.1	109.6
94.0	97.0									
2002	344	101.2	106.3	97.1	96.6	109.0	95.8	98.4	99.7	109.5
94.1	96.6									
2003	347	101.0	106.3	96.4	97.1	108.8	95.7	98.6	99.1	109.2
94.2	96.5									
2004	308	101.0	106.0	95.9	97.7	108.3	95.7	98.8	99.0	108.7
94.0	96.8									
2005	252	100.7	104.9	96.5	97.4	107.3	96.2	98.6	99.2	107.6
94.5	96.5									
2006	255	101.0	104.4	96.7	97.5	107.2	96.3	99.0	99.4	107.2
94.9	96.7									
2007	256	100.7	104.4	97.3	97.7	106.6	97.0	98.7	99.3	106.9
95.2	96.9									
2008	192	99.5	104.7	96.5	98.1	105.7	97.7	97.7	98.8	106.9
94.9	96.9									
2009	220	99.6	103.9	97.3	97.8	105.1	97.8	97.6	99.4	106.4
95.0	96.8									
2010	170	99.8	104.2	96.7	98.0	105.3	97.9	97.6	99.9	106.7
94.9	97.2									
2011	150	99.9	104.0	96.8	97.8	105.5	97.4	97.7	99.9	106.7
94.6	97.0									

2012	111	100.2	104.1	97.2	97.7	105.9	97.2	98.0	99.7	106.8
	94.8	97.0								
2013	96	100.0	104.0	97.2	98.2	105.4	98.2	97.6	100.7	106.6
	95.2	97.4								
2014	86	100.1	103.8	97.5	98.0	105.5	97.9	98.0	100.0	106.4
	95.2	97.3								
2015	60	99.9	104.6	96.8	98.5	105.4	98.0	97.7	99.8	106.6
	95.3	97.3								
2016	55	100.4	105.2	96.0	98.8	106.2	97.5	98.3	99.4	107.4
	94.9	97.8								
2017	47	100.0	104.8	96.2	98.7	105.5	98.0	97.9	99.5	107.0
	94.9	97.8								
2018	32	99.9	104.7	95.7	98.6	105.6	97.4	97.9	99.2	107.0
	94.5	97.4								
2019	39	100.5	105.3	95.7	98.9	106.3	97.2	98.7	98.6	107.4
	94.6	98.1								
2020	29	100.6	106.8	95.4	99.6	106.9	97.1	98.6	98.7	108.2
	94.5	98.6								
2021	37	100.6	105.7	95.3	99.1	106.8	96.8	98.6	98.7	107.9
	93.9	98.2								

Tabel: 219 Verbeterd Roodbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	21	95.5	94.1	100.2
1983	19	94.2	93.3	98.8
1984	18	93.4	92.7	98.4
1985	11	94.8	93.7	99.5
1986	29	95.3	94.0	100.0
1987	49	95.8	94.6	100.2
1988	64	94.8	93.6	99.7
1989	65	94.3	93.1	99.3
1990	83	93.6	92.6	98.9
1991	87	93.7	92.6	98.9
1992	113	93.6	92.4	98.9
1993	170	93.4	92.1	98.7
1994	259	92.5	91.1	98.2
1995	244	93.0	91.9	98.6
1996	265	93.2	92.0	98.7
1997	328	93.2	92.1	98.6
1998	428	93.3	91.9	98.8
1999	422	93.3	91.9	98.8
2000	478	92.7	91.3	98.3
2001	454	93.3	91.7	98.8
2002	467	93.2	91.6	98.7

2003	498	93.6	91.7	99.1
2004	473	93.8	91.8	99.4
2005	380	92.7	90.8	98.5
2006	380	92.1	90.3	98.0
2007	377	91.6	89.8	98.0
2008	318	91.2	89.3	97.7
2009	368	91.1	89.3	97.4
2010	354	91.4	89.5	97.7
2011	342	91.3	89.4	97.8
2012	384	91.8	89.9	98.1
2013	400	91.8	89.8	98.0
2014	382	91.4	89.5	98.0
2015	395	92.0	90.1	98.2
2016	371	92.7	90.9	98.8
2017	344	93.0	91.2	99.1
2018	304	92.7	90.9	98.9
2019	333	93.0	91.3	98.9
2020	334	93.4	91.8	99.2
2021	331	93.2	91.6	99.2
2022	324	93.4	91.7	99.1
2023	300	93.6	91.9	99.2
2024	122	93.9	92.3	99.4

Tabel: 220 Verbeterd Roodbont: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	201	-4218.4	-15154.8	-640.8	-533.9
2002	189	-4316.6	-15481.9	-654.1	-547.5
2003	186	-4078.4	-14709.9	-616.2	-518.5
2004	181	-3930.0	-13981.6	-598.5	-496.4
2005	151	-3885.2	-13817.0	-589.5	-492.2
2006	188	-3738.0	-13252.1	-570.6	-471.2
2007	182	-3665.7	-13027.3	-558.0	-463.2
2008	163	-3757.2	-13408.6	-574.1	-473.2
2009	188	-3635.3	-12966.3	-552.9	-459.7
2010	159	-3541.7	-12656.8	-540.9	-446.2
2011	183	-3488.0	-12373.8	-534.7	-438.1
2012	184	-3388.2	-12050.5	-518.2	-426.4
2013	222	-3555.2	-12741.6	-544.0	-447.2
2014	192	-3656.8	-13118.0	-558.2	-461.0
2015	178	-3433.0	-12362.9	-524.3	-432.6
2016	159	-2932.0	-10506.3	-450.8	-367.3
2017	169	-2791.0	-10002.9	-428.1	-350.4
2018	113	-2971.2	-10687.2	-453.4	-374.6
2019	166	-3056.2	-10889.7	-469.1	-383.5
2020	136	-3006.1	-10861.7	-459.0	-378.9



2021	149	-3105.0	-11202.2	-474.2	-391.2
2022	23	-2308.2	-8107.3	-354.5	-289.4

Tabel: 221 Verbeterd Roodbont: Robot / AMS kenmerken  
Basis: Dubbeloel  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
2006	11	96.6	93.9	101.6	93.5
2009	13	95.0	93.0	101.3	91.5
2011	10	95.2	94.4	102.1	92.9
2014	15	96.0	94.7	101.0	93.5
2015	10	96.3	94.6	101.3	93.9
2017	18	96.6	95.4	100.7	93.5
2020	16	95.7	96.9	102.0	95.4

Tabel: 222 Verbeterd Roodbont: Overige productie en efficiency kenm.  
Basis: Dubbeloel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	78	95.3	100.4	0	0.0	0.0	0	0.0
1981	61	94.7	100.3	0	0.0	0.0	0	0.0
1982	118	94.5	99.7	0	0.0	0.0	0	0.0
1983	116	94.9	100.1	0	0.0	0.0	0	0.0
1984	132	94.9	99.8	0	0.0	0.0	0	0.0
1985	114	94.3	99.5	92	-5.2	246.6	0	0.0
1986	144	94.4	99.2	95	-5.0	231.1	0	0.0
1987	201	94.1	99.0	111	-4.5	203.2	0	0.0
1988	184	93.7	98.9	82	-4.6	190.1	0	0.0
1989	176	94.2	98.9	88	-4.2	166.7	0	0.0
1990	177	94.5	99.6	80	-4.2	171.3	0	0.0
1991	160	93.7	98.7	63	-4.3	166.5	0	0.0
1992	173	94.5	98.6	75	-4.0	163.4	0	0.0
1993	165	93.4	98.7	81	-4.0	155.6	0	0.0
1994	158	93.9	98.3	71	-3.4	138.3	0	0.0
1995	161	94.2	99.0	77	-3.7	150.9	0	0.0
1996	132	94.6	99.0	66	-3.4	137.6	0	0.0
1997	159	94.4	98.6	68	-3.0	128.7	0	0.0
1998	205	94.0	98.0	94	-3.1	130.7	0	0.0
1999	196	94.0	98.2	75	-3.0	122.8	0	0.0
2000	222	93.9	97.7	82	-3.1	125.3	0	0.0
2001	203	93.8	97.4	84	-3.0	123.1	81	91.3
2002	190	93.8	97.4	61	-2.9	119.2	60	92.0
2003	188	94.6	98.3	68	-2.6	112.2	68	92.2

2004	180	94.2	97.9	53	-2.6	114.3	51	91.8
2005	155	94.2	97.8	52	-2.5	111.7	52	92.1
2006	188	95.0	97.7	75	-2.5	107.1	75	92.3
2007	182	95.1	97.8	70	-2.4	102.6	70	92.8
2008	163	95.2	98.2	55	-2.3	92.1	52	93.3
2009	187	95.3	98.1	65	-1.9	88.3	63	93.4
2010	159	95.5	98.4	67	-2.1	92.7	64	92.9
2011	183	94.9	98.1	68	-2.2	92.7	67	93.3
2012	184	95.1	98.5	54	-2.1	85.3	52	93.7
2013	220	94.9	98.4	59	-2.0	82.9	58	93.9
2014	190	94.9	98.3	69	-2.0	83.0	67	94.0
2015	178	95.2	98.3	65	-2.1	77.2	61	94.3
2016	159	95.4	98.0	57	-2.2	88.7	55	93.6
2017	168	95.1	97.8	48	-2.2	87.6	47	94.1
2018	114	95.4	97.5	34	-2.2	92.9	32	93.2
2019	162	95.5	97.8	45	-1.9	79.6	41	94.2
2020	134	95.7	97.9	32	-1.9	66.5	29	95.6
2021	138	95.7	97.2	46	-2.0	86.9	42	94.5
2022	19	96.5	97.3	3	-1.7	75.3	2	94.0

Tabel: 223 Verbeterd Roodbont: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	20	99.6	0	0.0	0	0.0	20	93.9
1988	18	99.4	0	0.0	0	0.0	18	93.7
1989	14	99.6	0	0.0	0	0.0	14	93.6
1990	14	99.6	0	0.0	0	0.0	14	94.4
1991	10	99.7	0	0.0	0	0.0	10	94.5
1992	18	99.7	0	0.0	0	0.0	18	94.3
1993	24	99.4	0	0.0	0	0.0	24	93.5
1994	25	99.5	0	0.0	0	0.0	25	93.8
1995	27	99.5	0	0.0	0	0.0	27	93.9
1996	28	99.6	0	0.0	0	0.0	28	93.4
1997	45	99.3	0	0.0	0	0.0	45	92.9
1998	53	99.3	0	0.0	0	0.0	53	92.6
1999	41	99.3	0	0.0	0	0.0	41	93.1
2000	65	99.5	0	0.0	0	0.0	65	93.4
2001	64	99.5	0	0.0	0	0.0	64	93.8
2002	77	99.4	0	0.0	0	0.0	77	93.3
2003	69	99.5	0	0.0	0	0.0	69	93.4
2004	74	99.5	0	0.0	0	0.0	74	93.3
2005	67	99.5	0	0.0	0	0.0	67	93.6
2006	96	99.5	0	0.0	0	0.0	96	93.7
2007	120	99.6	0	0.0	0	0.0	120	94.0
2008	118	99.6	0	0.0	1	101.0	118	94.1
2009	140	99.6	0	0.0	0	0.0	140	93.9

2010	144	99.6	0	0.0	1	101.0	144	93.9
2011	173	99.6	0	0.0	0	0.0	173	94.3
2012	164	99.6	1	106.0	0	0.0	164	94.1
2013	193	99.7	0	0.0	0	0.0	193	94.8
2014	180	99.7	0	0.0	0	0.0	180	95.3
2015	166	99.7	0	0.0	0	0.0	166	95.5
2016	148	99.7	0	0.0	0	0.0	148	94.7
2017	156	99.7	0	0.0	0	0.0	156	94.8
2018	99	99.7	0	0.0	0	0.0	99	95.0
2019	148	99.8	0	0.0	1	99.0	148	95.3
2020	125	99.9	0	0.0	0	0.0	125	95.7
2021	135	99.9	0	0.0	0	0.0	135	95.8
2022	21	100.0	0	0.0	0	0.0	21	95.8

Tabel: 224 Verbeterd Roodbont: Melkproductiekenmerken  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1989	14	-2036.6	-100.9	-77.9	-94.4	-24.1	-6.6	-1.5	-637.4
1990	20	-1893.0	-95.2	-76.3	-87.8	-24.6	-13.8	-1.4	-613.8
1991	20	-1742.0	-89.8	-71.0	-80.8	-26.5	-13.9	-1.3	-574.6
1993	10	-1756.0	-92.2	-71.1	-81.5	-30.5	-13.7	-1.5	-582.4
1994	10	-1858.6	-100.0	-76.0	-86.1	-38.2	-17.0	-1.1	-626.9
1995	10	-2382.7	-123.7	-92.4	-110.2	-44.3	-11.7	-1.3	-768.4
1997	10	-2240.1	-121.7	-89.1	-103.5	-53.5	-15.4	-0.9	-748.3
1998	16	-2384.9	-124.6	-91.4	-110.2	-48.2	-8.1	-1.0	-766.6
1999	16	-2062.4	-104.8	-79.1	-95.4	-32.2	-6.9	-1.1	-654.7
2000	16	-2140.1	-110.8	-82.2	-94.4	-37.6	-7.8	9.1	-685.9
2001	12	-2510.8	-127.8	-92.2	-106.8	-42.7	1.9	20.2	-779.9
2002	14	-2255.9	-118.4	-84.6	-98.6	-43.5	-3.3	13.5	-719.1
2004	12	-1990.5	-102.8	-76.2	-72.7	-32.8	-6.3	43.4	-636.2
2005	12	-2320.2	-121.3	-88.9	-100.8	-44.3	-8.3	14.1	-746.3
2006	18	-2251.8	-114.4	-83.4	-94.2	-34.5	-0.3	21.6	-702.2
2007	12	-2051.5	-109.8	-79.3	-90.0	-40.1	-6.8	10.2	-670.6
2009	11	-2283.4	-114.7	-84.8	-102.4	-32.4	-0.9	6.1	-708.8

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 225 Verbeterd Roodbont: Vruchtbaarheidkenmerken  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									

1989 98.3	56	95.0	104.0	96.4	100.8	95.0	101.8	106.8	99.9
1990 98.0	81	94.4	104.2	95.9	100.6	94.5	101.9	105.6	99.6
1991 97.8	95	93.6	104.6	95.7	100.6	94.0	101.0	104.9	99.8
1992 97.9	139	94.6	104.2	95.9	100.5	94.5	101.3	104.0	99.6
1993 98.4	149	95.3	104.0	96.3	100.9	95.3	101.7	104.4	99.8
1994 98.3	180	95.3	104.0	96.2	100.8	95.2	101.8	104.3	99.7
1995 98.2	192	94.6	104.5	96.1	100.9	94.8	101.6	104.4	99.9
1996 98.1	182	94.5	104.3	96.0	100.8	94.7	101.3	104.5	99.7
1997 98.3	220	95.0	104.4	96.3	101.0	95.1	101.6	104.0	99.9
1998 98.3	212	95.0	104.2	96.2	100.9	95.1	101.6	103.7	99.8
1999 98.7	280	95.3	104.4	96.5	101.2	95.5	102.0	104.3	100.1
2000 98.6	248	94.7	104.9	96.4	101.3	95.1	101.7	104.6	100.2
2001 99.3	258	95.8	104.7	97.1	101.8	96.1	102.4	104.4	100.6
2002 99.6	236	96.1	104.7	97.4	102.0	96.5	102.6	104.6	100.8
2003 99.6	244	96.4	104.5	97.6	102.0	96.7	102.5	105.0	100.9
2004 99.7	259	96.9	104.2	97.7	102.0	96.9	102.5	105.0	100.7
2005 99.2	264	96.3	104.2	97.1	101.6	96.4	102.3	104.0	100.4
2006 99.6	267	96.6	104.3	97.5	101.8	96.8	102.6	103.5	100.7
2007 99.2	271	96.6	103.9	97.1	101.5	96.6	102.3	103.6	100.2
2008 99.3	251	96.5	104.3	97.3	101.8	96.6	102.0	103.4	100.5
2009 99.0	269	96.4	104.0	97.1	101.5	96.4	101.6	103.3	100.2
2010 99.3	276	96.8	103.9	97.4	101.7	96.7	101.9	104.2	100.4
2011 99.0	232	96.6	103.5	97.1	101.3	96.5	101.8	104.3	100.0
2012 99.1	216	97.0	103.4	97.3	101.4	96.8	101.7	104.3	100.1

2013	226	97.1	102.9	97.1	100.9	96.6	101.8	104.0	99.7
98.9									
2014	230	97.2	102.6	97.1	100.7	96.7	102.0	104.4	99.6
98.9									
2015	185	96.4	102.7	96.6	100.4	96.0	101.0	104.6	99.2
98.2									
2016	198	96.5	102.4	96.3	100.1	95.9	100.9	103.9	98.9
98.0									
2017	183	96.6	102.5	96.5	100.3	96.0	101.0	104.6	99.1
98.2									
2018	170	96.3	102.6	96.5	100.3	95.9	101.1	104.4	99.2
98.2									
2019	157	96.1	102.5	96.2	100.0	95.5	100.6	104.5	98.9
97.8									
2020	111	96.3	102.6	96.5	100.3	95.8	101.0	105.4	99.2
98.2									
2021	78	96.9	102.3	96.6	100.2	96.3	101.1	104.1	99.1
98.2									
2022	53	96.9	102.6	96.9	100.5	96.3	101.1	104.5	99.5
98.5									

Tabel: 226 Verbeterd Roodbont: NVI met onderliggende kenmerken  
 Basis: Belgisch witblauw  
 Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1989	14	-183.1	-637.4	0.0	100.9	98.3	0.0	0.0	0.0
0.0									
1990	20	-185.8	-613.8	0.0	99.7	98.0	0.0	0.0	0.0
0.0									
1991	20	-181.8	-574.6	0.0	100.2	97.8	0.0	0.0	99.0
0.0									
1993	10	-197.2	-582.4	0.0	98.9	98.4	0.0	0.0	95.9
0.0									
1994	10	-210.3	-626.9	0.0	98.4	98.3	0.0	0.0	95.5
0.0									
1995	10	-252.4	-768.4	393.0	101.2	98.2	0.0	0.0	98.0
0.0									
1997	10	-242.3	-748.3	312.0	100.2	98.3	0.0	0.0	98.2
0.0									
1998	16	-261.9	-766.6	340.0	100.1	98.3	0.0	0.0	96.0
0.0									
1999	16	-198.3	-654.7	0.0	101.1	98.7	0.0	0.0	0.0
0.0									

2000	16	-219.4	-685.9	365.0	100.9	98.6	0.0	0.0	99.0
0.0									
2001	12	-250.1	-779.9	286.0	100.6	99.3	0.0	0.0	0.0
0.0									
2002	14	-230.1	-719.1	0.0	100.1	99.6	0.0	0.0	0.0
0.0									
2004	12	-212.5	-636.2	363.0	100.8	99.7	0.0	0.0	0.0
0.0									
2005	12	-232.8	-746.3	419.0	100.1	99.2	0.0	0.0	0.0
0.0									
2006	18	-227.0	-702.2	379.5	100.5	99.6	0.0	0.0	98.0
0.0									
2007	12	-219.3	-670.6	363.0	99.1	99.2	0.0	0.0	0.0
0.0									
2009	11	-226.6	-708.8	423.0	101.1	99.0	0.0	0.0	0.0
0.0									

Tabel: 227 Verbeterd Roodbont: Geboortekenmerken  
 Basis: Belgisch witblauw  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	17	130.7	103.4	66.6	0.0	0.0	0.0
1991	11	126.7	103.5	69.6	0.0	0.0	0.0
1992	16	128.8	101.8	67.5	0.0	0.0	0.0
1993	15	126.1	102.4	69.8	0.0	0.0	0.0
1994	27	125.2	101.5	70.3	85.0	100.0	107.5
1995	30	124.1	103.4	71.4	86.0	102.4	107.4
1996	28	122.1	104.0	73.1	89.0	103.0	110.3
1997	33	123.8	103.3	71.9	85.4	104.8	112.4
1998	48	124.3	103.9	71.4	87.0	103.7	109.0
1999	44	121.2	104.0	73.8	85.8	102.3	108.9
2000	53	120.0	105.0	74.6	84.3	102.7	110.5
2001	65	120.6	104.1	74.3	84.7	102.3	110.8
2002	84	120.9	102.8	73.8	84.1	102.7	110.4
2003	74	120.7	101.8	73.7	84.0	103.2	109.9
2004	115	119.8	102.1	74.7	84.0	103.1	110.2
2005	143	119.2	101.4	75.1	82.4	103.7	111.8
2006	137	120.3	100.8	74.0	83.4	104.3	110.4
2007	173	119.4	100.6	74.7	83.6	104.6	110.0
2008	170	119.6	100.8	74.1	82.1	103.5	109.7
2009	205	118.0	100.2	75.2	81.5	103.2	110.1
2010	184	117.0	100.1	76.2	81.1	103.8	111.0
2011	171	117.2	100.3	76.3	81.3	103.5	110.7
2012	154	116.8	99.9	76.5	80.8	103.6	111.6
2013	156	115.7	100.5	77.5	81.0	103.7	111.7
2014	142	114.8	100.4	78.2	80.6	104.9	112.5

2015	129	115.3	100.3	77.7	80.8	106.3	111.8
2016	124	115.0	99.9	78.1	81.3	106.7	111.2
2017	115	114.0	100.4	78.7	80.9	106.7	111.4
2018	92	113.5	99.9	79.4	81.9	106.6	111.1
2019	95	115.6	100.0	77.2	81.5	107.7	110.7
2020	80	114.7	100.7	78.7	82.3	106.2	111.1
2021	97	115.6	100.4	78.0	81.9	106.4	111.2
2022	65	115.2	99.6	78.2	81.5	106.8	111.5
2023	80	119.9	99.4	74.5	82.5	106.4	110.6
2024	61	120.9	99.5	73.8	83.6	105.7	109.4

Tabel: 228 Verbeterd Roodbont: Vleeskenmerken  
 Basis: Belgisch witblauw  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1991	20	94.1	65.5	98.0	78.5	93.0	98.0	97.3	99.0	85.3
100.2	89.2									
1992	35	94.0	64.7	97.9	77.5	93.0	97.9	97.3	98.9	85.0
99.9	88.9									
1993	48	93.8	62.6	96.1	77.1	92.1	96.1	98.1	97.8	83.1
97.4	89.4									
1994	47	93.9	64.0	96.1	77.4	93.1	96.2	98.2	97.6	84.1
97.3	89.6									
1995	63	94.3	64.5	96.9	77.4	93.8	97.0	98.0	97.8	85.7
98.7	89.9									
1996	66	93.8	64.8	96.5	77.2	94.2	97.0	97.5	97.3	86.3
98.5	89.8									
1997	89	94.1	65.2	96.1	78.2	94.1	96.8	98.0	96.7	86.3
97.8	91.0									
1998	88	94.4	67.0	96.3	78.9	95.3	97.2	98.2	96.4	87.6
98.1	91.4									
1999	128	95.1	67.2	96.3	79.4	95.8	97.6	98.5	96.9	88.4
98.2	92.7									
2000	110	96.2	70.0	96.5	81.1	97.8	98.2	99.1	96.8	90.5
98.6	94.5									
2001	125	95.4	69.2	96.0	80.9	96.2	97.6	98.5	96.9	89.5
97.9	94.1									
2002	108	95.7	69.5	95.7	81.4	96.0	97.5	98.8	97.2	89.4
97.7	94.3									
2003	116	94.5	68.2	96.0	81.3	93.9	98.2	98.1	97.3	87.6
98.2	93.2									
2004	135	95.1	68.5	95.4	81.9	94.0	97.0	99.0	97.2	87.5
97.1	93.9									

2005	149	95.6	68.6	95.4	82.0	94.2	96.6	99.5	97.1	87.6
97.0	94.1									
2006	151	95.4	67.8	95.2	80.8	94.5	95.9	99.4	96.8	87.6
96.2	93.5									
2007	135	95.3	68.1	95.5	80.6	95.0	96.2	99.1	96.6	88.3
96.6	93.6									
2008	101	94.8	66.9	95.6	79.9	94.1	95.9	99.1	96.4	87.4
96.2	93.1									
2009	106	94.3	67.3	96.5	80.4	93.2	97.2	98.3	97.0	87.2
97.4	92.9									
2010	61	95.3	69.6	97.2	82.2	93.8	97.6	98.8	97.9	88.3
98.1	94.2									
2011	19	95.1	70.2	97.4	83.7	92.7	98.4	98.6	98.1	88.4
98.4	95.4									

Tabel: 229 Verbeterd Roodbont: Overige productie en efficiency kenm.  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1989	14	97.1	99.6	0	0.0	0.0	0	0.0
1990	20	97.2	100.0	0	0.0	0.0	0	0.0
1991	20	97.9	99.8	0	0.0	0.0	0	0.0
1993	10	97.8	100.3	0	0.0	0.0	0	0.0
1994	10	97.2	99.2	0	0.0	0.0	0	0.0
1995	10	98.5	101.7	0	0.0	0.0	0	0.0
1997	10	97.5	99.9	0	0.0	0.0	0	0.0
1998	16	96.2	99.5	0	0.0	0.0	0	0.0
1999	16	97.2	100.1	0	0.0	0.0	0	0.0
2000	16	96.1	99.2	0	0.0	0.0	0	0.0
2001	12	97.2	100.4	0	0.0	0.0	0	0.0
2002	14	97.6	99.6	0	0.0	0.0	0	0.0
2004	12	98.0	99.2	0	0.0	0.0	0	0.0
2005	12	98.1	100.4	0	0.0	0.0	0	0.0
2006	18	99.0	101.8	0	0.0	0.0	0	0.0
2007	12	100.0	101.2	0	0.0	0.0	0	0.0
2009	11	101.0	103.0	0	0.0	0.0	0	0.0

Tabel: 230 Verbeterd Roodbont: Stofwisselingsaandoeningen  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2009	11	100.0	0	0.0	0	0.0	11	102.2



Tabel: 231 Belgisch Blauw Mixt: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1995	10	-2040.9	-104.3	-83.1	-94.6	-30.2	-17.7	-1.6	-670.4
1996	14	-1681.3	-85.9	-71.4	-78.0	-22.5	-19.1	-1.2	-564.5
1998	16	-1680.2	-89.2	-71.7	-78.0	-29.4	-20.2	-1.4	-575.9
1999	19	-1701.8	-88.6	-70.7	-79.0	-26.7	-16.3	-1.4	-569.9
2000	25	-1476.2	-83.1	-66.6	-68.7	-35.5	-24.3	-1.4	-535.6
2001	24	-1725.0	-95.6	-73.5	-79.4	-39.3	-20.4	-0.1	-603.0
2002	17	-1538.4	-87.6	-70.8	-72.5	-38.8	-28.4	-3.3	-567.5
2003	38	-1612.6	-92.4	-72.6	-75.1	-42.5	-26.9	-1.6	-589.4
2004	33	-1701.0	-90.7	-72.0	-78.2	-31.1	-19.1	0.3	-581.7
2005	43	-1673.7	-93.6	-71.1	-78.0	-40.0	-19.5	-2.1	-586.6
2006	48	-1582.4	-90.2	-69.1	-73.6	-40.7	-21.7	-1.8	-567.7
2007	33	-1562.3	-92.1	-69.5	-72.2	-45.8	-23.5	-0.2	-575.5
2008	34	-1720.4	-95.6	-72.4	-78.8	-39.9	-18.3	0.8	-598.4
2009	30	-1632.6	-92.9	-69.9	-72.8	-42.3	-19.7	4.6	-579.4
2010	46	-1642.1	-94.2	-70.3	-74.3	-43.4	-19.6	2.2	-585.2
2011	44	-1610.2	-91.8	-68.2	-70.8	-41.2	-17.4	6.6	-568.9
2012	53	-1474.1	-85.0	-64.7	-64.5	-38.7	-20.1	6.3	-533.3
2013	34	-1484.8	-86.4	-64.2	-64.9	-40.2	-18.3	6.8	-535.3
2014	40	-1223.8	-76.7	-57.8	-51.7	-42.1	-23.9	8.8	-478.4
2015	39	-1536.0	-91.9	-68.3	-69.0	-47.8	-23.0	3.4	-569.8
2016	24	-1272.3	-77.0	-58.8	-53.2	-38.6	-22.1	10.7	-484.2
2017	28	-1255.6	-78.0	-59.6	-54.2	-42.4	-25.1	7.0	-490.4
2018	32	-975.1	-71.2	-52.7	-40.8	-51.0	-30.5	7.3	-440.2
2019	25	-1314.6	-83.8	-62.2	-53.4	-48.8	-25.8	13.7	-518.8
2020	17	-1159.9	-74.4	-57.2	-47.6	-42.6	-26.1	10.9	-469.2

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 232 Belgisch Blauw Mixt: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1995	11	100.4	103.2	99.6	101.6	99.6	94.1	86.5	101.5
99.2									
1996	14	100.3	102.8	99.2	101.3	99.3	93.7	87.2	100.9
98.6									

1998 98.2	17	99.5	102.9	98.8	100.7	98.6	93.2	86.9	100.7
1999 99.5	19	101.6	102.6	100.5	101.6	100.5	93.7	86.3	101.6
2000 99.1	28	100.9	102.8	100.1	101.5	100.1	93.8	86.6	101.4
2001 99.4	24	100.7	103.1	100.2	101.7	100.0	94.3	87.3	101.7
2002 100.5	17	102.0	102.9	100.9	102.3	101.3	96.0	87.2	102.1
2003 99.0	41	100.5	102.6	99.7	101.2	99.6	93.9	87.6	101.2
2004 99.4	35	100.6	103.2	100.1	101.8	100.0	94.1	87.3	101.9
2005 99.2	43	100.1	103.2	99.9	101.8	99.7	94.0	88.0	101.6
2006 99.5	49	100.9	103.0	100.5	101.9	100.3	94.0	87.5	101.9
2007 100.2	34	101.3	103.2	100.9	102.4	100.9	94.8	88.0	102.2
2008 99.4	34	100.9	103.0	100.3	101.9	100.1	94.0	86.9	101.7
2009 100.6	31	101.8	103.5	101.4	102.7	101.5	94.7	87.1	102.6
2010 99.9	55	101.8	102.8	100.8	102.1	101.0	94.3	86.8	101.9
2011 100.4	55	102.0	103.2	101.3	102.6	101.3	94.7	87.1	102.5
2012 100.5	61	101.9	103.1	101.3	102.5	101.4	95.0	87.5	102.5
2013 100.2	38	101.5	103.3	101.0	102.5	101.0	94.7	88.2	102.4
2014 100.5	44	102.5	102.6	101.5	102.4	101.6	94.7	87.5	102.4
2015 100.8	45	102.3	103.4	101.7	102.8	101.7	95.2	87.7	102.8
2016 100.8	28	102.1	103.6	101.8	103.0	101.6	94.8	88.1	102.9
2017 100.3	31	102.1	102.6	101.2	102.2	101.3	94.5	87.5	102.2
2018 101.0	35	102.6	103.0	102.0	102.9	102.0	95.0	88.5	102.8
2019 100.1	25	102.4	102.3	100.9	102.0	101.2	95.0	87.6	101.8
2020 100.8	19	103.1	102.4	101.7	102.5	102.2	94.8	87.0	102.3

Tabel: 233 Belgisch Blauw Mixt: NVI met onderliggende kenmerken

Basis: Dubbeldoel  
Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1995 0.0	10	-181.4	-670.4	430.0	101.5	99.2	0.0	0.0	0.0
1996 0.0	14	-154.5	-564.5	0.0	102.4	98.6	0.0	0.0	0.0
1998 0.0	16	-163.2	-575.9	0.0	101.8	98.2	0.0	0.0	0.0
1999 0.0	19	-142.3	-569.9	0.0	102.4	99.5	0.0	0.0	0.0
2000 0.0	25	-140.2	-535.6	0.0	102.2	99.1	0.0	0.0	0.0
2001 0.0	24	-153.7	-603.0	0.0	102.2	99.4	0.0	0.0	0.0
2002 0.0	17	-137.2	-567.5	0.0	102.2	100.5	0.0	0.0	0.0
2003 0.0	38	-152.8	-589.4	0.0	102.1	99.0	0.0	0.0	0.0
2004 0.0	33	-148.7	-581.7	462.0	101.9	99.4	0.0	0.0	0.0
2005 0.0	43	-158.4	-586.6	432.0	100.9	99.2	0.0	0.0	0.0
2006 0.0	48	-146.7	-567.7	444.0	101.0	99.5	0.0	0.0	0.0
2007 0.0	33	-145.4	-575.5	448.3	101.5	100.2	0.0	0.0	0.0
2008 0.0	34	-155.1	-598.4	432.0	101.3	99.4	0.0	0.0	0.0
2009 0.0	30	-139.2	-579.4	490.0	101.9	100.6	0.0	0.0	0.0
2010 0.0	46	-141.4	-585.2	0.0	102.2	99.9	0.0	0.0	0.0
2011 0.0	44	-144.6	-568.9	405.0	101.3	100.4	0.0	0.0	0.0
2012 0.0	53	-129.6	-533.3	465.7	101.6	100.5	0.0	0.0	0.0
2013 0.0	34	-137.1	-535.3	0.0	101.5	100.2	0.0	0.0	0.0
2014 0.0	40	-118.8	-478.4	447.0	101.8	100.5	0.0	0.0	0.0
2015 0.0	39	-147.4	-569.8	430.0	100.8	100.8	0.0	0.0	0.0
2016 0.0	24	-120.1	-484.2	436.5	101.1	100.8	0.0	0.0	0.0

2017 0.0	28	-132.7	-490.4	415.0	100.4	100.3	0.0	0.0	0.0
2018 0.0	32	-113.2	-440.2	0.0	101.1	101.0	0.0	0.0	0.0
2019 0.0	25	-140.2	-518.8	0.0	100.7	100.1	0.0	0.0	0.0
2020 0.0	17	-117.1	-469.2	451.0	101.4	100.8	0.0	0.0	0.0

Tabel: 234 Belgisch Blauw Mixt: Geboortekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1996	10	71.6	101.5	132.2	131.6	96.2	73.4
1999	15	72.6	101.3	131.9	133.6	96.5	72.0
2000	19	73.1	101.5	131.2	133.2	96.2	72.6
2001	18	74.7	101.9	130.1	133.3	97.4	73.1
2002	16	71.9	101.9	132.4	133.7	97.3	72.5
2003	25	72.8	101.8	131.5	133.7	97.2	72.6
2004	24	73.7	101.0	130.8	133.8	97.8	72.5
2005	30	74.3	101.0	130.7	135.0	98.1	72.1
2006	34	73.5	101.9	131.2	135.0	98.0	71.6
2007	27	75.0	101.7	130.1	135.5	97.0	71.3
2008	24	73.0	101.9	131.2	132.3	96.5	72.7
2009	26	74.0	101.3	130.7	134.7	97.2	71.9
2010	42	70.9	101.6	133.2	134.3	97.0	71.5
2011	38	71.5	101.7	132.8	133.7	97.4	72.1
2012	44	73.5	101.6	131.2	134.9	96.4	70.9
2013	28	72.1	103.9	132.4	134.3	97.9	72.5
2014	39	73.5	102.3	131.3	134.8	97.1	71.7
2015	34	72.5	101.2	132.0	134.0	96.7	72.4
2016	26	74.8	102.2	130.1	134.5	96.1	72.2
2017	31	72.7	101.9	131.8	133.2	96.4	72.8
2018	27	74.5	100.4	130.4	135.1	95.5	71.8
2019	17	74.5	103.1	130.6	134.3	97.2	72.5
2020	19	74.4	100.5	130.7	134.5	93.8	72.2
2021	12	74.2	102.8	130.9	133.7	95.4	73.8
2022	10	73.8	101.3	131.4	134.6	95.6	72.6
2023	11	73.2	101.1	131.7	135.0	97.2	71.8

Tabel: 235 Belgisch Blauw Mixt: Vleeskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
2003	14	105.5	129.8	100.8	117.4	110.4	105.4	100.9	101.8	116.9
		105.6	106.8							
2004	12	105.2	128.5	100.9	117.8	109.0	105.4	100.9	101.8	115.8
		105.5	106.8							
2005	12	104.8	126.0	100.9	115.8	108.7	105.0	100.8	102.2	114.2
		105.3	105.2							
2006	22	104.3	124.7	100.9	114.8	108.5	104.9	100.6	101.4	113.5
		105.0	105.0							
2008	15	104.8	126.4	101.1	116.3	108.8	105.5	100.9	101.5	114.7
		106.0	105.7							
2010	14	106.5	128.3	101.2	118.1	110.2	106.0	101.9	102.6	115.7
		106.3	107.6							
2011	15	104.3	128.1	101.5	117.9	107.6	105.7	100.3	100.7	115.4
		105.9	107.1							

Tabel: 236 Belgisch Blauw Mixt: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1995	10	94.6	95.7	0	0.0	0.0	0	0.0
1996	14	95.9	96.6	0	0.0	0.0	0	0.0
1998	16	93.5	95.5	0	0.0	0.0	0	0.0
1999	19	93.6	96.4	0	0.0	0.0	0	0.0
2000	25	93.8	95.7	0	0.0	0.0	0	0.0
2001	24	94.0	95.8	0	0.0	0.0	0	0.0
2002	17	96.8	98.8	0	0.0	0.0	0	0.0
2003	38	95.5	96.1	0	0.0	0.0	0	0.0
2004	33	94.5	96.5	0	0.0	0.0	0	0.0
2005	43	94.9	96.9	0	0.0	0.0	0	0.0
2006	48	94.4	96.1	0	0.0	0.0	0	0.0
2007	33	94.7	95.9	0	0.0	0.0	0	0.0
2008	34	94.2	97.3	0	0.0	0.0	0	0.0
2009	30	94.8	97.0	0	0.0	0.0	0	0.0
2010	46	94.8	96.9	0	0.0	0.0	0	0.0
2011	44	95.5	97.5	0	0.0	0.0	0	0.0
2012	53	94.6	97.4	0	0.0	0.0	0	0.0
2013	34	94.6	97.2	0	0.0	0.0	0	0.0
2014	40	95.7	98.2	0	0.0	0.0	0	0.0
2015	39	95.8	98.7	0	0.0	0.0	0	0.0
2016	24	96.6	98.7	0	0.0	0.0	0	0.0

2017	28	95.5	98.5	0	0.0	0.0	0	0.0
2018	32	96.6	98.2	0	0.0	0.0	0	0.0
2019	25	95.7	98.4	0	0.0	0.0	0	0.0
2020	17	96.5	98.2	0	0.0	0.0	0	0.0

Tabel: 237 Belgisch Blauw Mixt: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1996	11	100.0	0	0.0	0	0.0	11	96.1
1998	13	99.8	0	0.0	0	0.0	13	95.7
1999	18	99.9	0	0.0	0	0.0	18	96.5
2000	24	99.9	0	0.0	0	0.0	24	96.0
2001	22	100.0	0	0.0	0	0.0	22	96.4
2002	17	99.8	0	0.0	0	0.0	17	94.9
2003	30	99.9	0	0.0	0	0.0	30	95.5
2004	29	99.8	0	0.0	0	0.0	29	95.6
2005	36	99.9	0	0.0	0	0.0	36	95.9
2006	46	99.9	0	0.0	0	0.0	46	95.9
2007	31	99.9	0	0.0	0	0.0	31	95.7
2008	29	99.9	0	0.0	0	0.0	29	96.6
2009	29	99.9	0	0.0	0	0.0	29	96.3
2010	48	99.9	0	0.0	0	0.0	48	96.9
2011	47	99.9	0	0.0	0	0.0	47	96.9
2012	55	99.9	0	0.0	0	0.0	55	97.0
2013	35	99.9	0	0.0	0	0.0	35	96.7
2014	40	99.9	0	0.0	0	0.0	40	96.7
2015	39	99.9	0	0.0	0	0.0	39	96.7
2016	22	99.9	0	0.0	0	0.0	22	97.0
2017	28	99.9	0	0.0	0	0.0	28	96.0
2018	33	99.9	0	0.0	0	0.0	33	96.6
2019	25	100.0	0	0.0	0	0.0	25	97.5
2020	17	99.9	0	0.0	0	0.0	17	97.3

Tabel: 238 Witrood: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1993	13	-1075.4	-53.5	-49.7	-50.3	-10.0	-18.3	-1.5	-374.1
1995	10	-1113.9	-52.3	-52.3	-52.1	-4.8	-20.8	-1.5	-381.9
1997	12	-1019.0	-47.2	-47.2	-47.8	-2.8	-17.8	-1.7	-344.7
1999	11	-901.4	-49.5	-43.5	-42.4	-16.6	-18.2	-1.5	-335.5
2000	13	-1086.0	-56.5	-50.8	-50.8	-14.5	-19.8	-1.6	-387.8

2001	18	-823.7	-50.5	-43.2	-38.9	-22.5	-21.9	-1.7	-337.3
2002	18	-1049.7	-57.2	-49.3	-48.8	-18.8	-19.1	-0.6	-383.7
2003	14	-873.8	-49.0	-41.6	-33.7	-17.3	-16.7	11.7	-326.2
2004	22	-873.1	-48.2	-43.0	-29.7	-16.5	-18.4	19.1	-329.9
2005	35	-969.2	-55.9	-46.0	-35.7	-22.9	-18.1	16.4	-365.5
2006	33	-978.6	-50.0	-44.3	-39.4	-10.9	-14.5	10.3	-340.7
2007	22	-752.1	-46.2	-39.2	-29.0	-21.8	-19.5	10.0	-307.4
2008	20	-902.6	-49.5	-44.4	-31.4	-14.2	-18.7	18.9	-339.4
2009	28	-998.8	-53.0	-46.5	-37.4	-14.5	-17.0	16.9	-359.1
2010	30	-896.4	-57.3	-43.7	-38.3	-30.6	-18.5	5.5	-360.1
2011	22	-860.1	-51.9	-42.4	-36.3	-24.3	-18.8	6.4	-337.9
2012	34	-893.2	-51.4	-41.5	-34.6	-19.8	-14.6	12.3	-332.7
2013	33	-935.7	-55.4	-44.2	-37.5	-23.8	-17.1	10.6	-356.1
2014	29	-1010.7	-59.4	-44.9	-41.7	-25.9	-13.3	9.1	-371.3
2015	22	-885.5	-54.2	-43.5	-34.7	-25.6	-18.5	11.8	-349.6
2016	29	-1086.9	-60.2	-48.2	-44.0	-21.1	-14.7	11.8	-388.2
2017	18	-741.3	-54.7	-38.0	-28.6	-37.8	-18.4	9.7	-327.6
2018	19	-857.5	-55.1	-42.8	-33.3	-29.6	-19.5	11.6	-349.3

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 239 Witrood: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1993	13	102.9	101.2	100.2	100.9	100.9	101.1	86.6	100.8
100.8									
1995	10	102.5	101.7	100.2	101.1	100.6	100.9	87.6	101.1
101.0									
1997	12	101.9	101.3	99.3	100.7	99.8	100.2	88.2	100.3
100.1									
1999	11	101.9	102.1	100.8	101.5	100.7	101.0	89.6	101.5
101.2									
2000	13	103.0	103.1	101.9	102.7	102.2	102.2	89.5	102.8
102.7									
2001	19	101.8	101.3	99.7	100.6	100.1	100.6	90.5	100.4
100.4									
2002	20	102.0	101.8	100.2	101.0	100.4	100.7	90.5	101.1
100.8									
2003	15	102.7	101.8	101.1	101.7	101.4	101.8	90.4	101.7
101.7									
2004	23	101.7	101.8	100.0	101.0	100.2	100.0	89.0	101.0
100.6									
2005	37	102.3	101.5	100.2	100.9	100.6	100.2	89.5	100.9
100.6									

2006	36	102.0	101.7	100.3	101.0	100.5	100.4	90.4	101.0
100.7									
2007	24	102.0	101.5	100.3	100.8	100.6	100.0	89.9	101.0
100.6									
2008	29	102.6	100.9	100.0	100.5	100.7	100.3	86.8	100.4
100.4									
2009	32	102.3	101.4	100.3	100.8	100.6	100.0	88.0	101.0
100.6									
2010	41	102.9	100.8	100.3	100.4	100.9	100.4	87.4	100.6
100.7									
2011	30	102.5	100.8	100.0	100.4	100.5	99.9	87.6	100.5
100.2									
2012	44	102.0	100.9	99.8	100.2	100.3	99.5	87.8	100.3
100.1									
2013	47	102.2	101.3	100.4	100.9	100.7	100.3	88.8	100.9
100.8									
2014	42	101.5	101.0	99.4	100.2	99.9	99.2	87.9	100.2
99.8									
2015	28	101.8	101.3	99.9	100.6	100.3	99.9	88.6	100.6
100.3									
2016	42	102.8	101.2	100.3	101.0	101.0	99.8	88.2	100.8
100.7									
2017	21	101.3	101.5	99.5	100.6	100.0	99.6	90.8	100.5
100.2									
2018	20	101.8	101.6	100.3	101.0	100.6	100.3	89.7	101.1
100.8									
2019	14	102.6	101.1	100.1	100.8	100.9	99.8	87.9	100.6
100.6									

Tabel: 240 Witrood: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
BVK									
1993	13	-192.4	-374.1	-177.3	101.5	100.8	90.3	91.9	98.0
57.8									
1995	10	-192.2	-381.9	-238.5	101.2	101.0	93.3	93.3	97.7
64.5									
1997	12	-201.6	-344.7	-199.8	100.5	100.1	88.3	90.3	98.0
39.3									
1999	11	-186.5	-335.5	-275.6	100.9	101.2	91.4	92.6	98.6
71.2									
2000	13	-180.4	-387.8	-244.8	100.5	102.7	92.5	92.5	98.4
72.2									



2001	18	-184.8	-337.3	-286.1	100.1	100.4	93.0	93.5	98.5
34.2									
2002	18	-240.1	-383.7	-396.6	98.4	100.8	87.5	92.0	98.2
17.3									
2003	14	-194.8	-326.2	-391.6	98.0	101.7	93.0	90.2	98.0
44.3									
2004	22	-203.9	-329.9	-265.3	99.3	100.6	90.7	92.3	97.9
48.0									
2005	35	-204.5	-365.5	-254.1	99.3	100.6	89.8	94.0	97.4
32.2									
2006	33	-223.9	-340.7	-344.7	97.6	100.7	91.5	93.5	98.0
33.8									
2007	22	-196.1	-307.4	-252.0	98.9	100.6	0.0	0.0	98.0
46.5									
2008	20	-186.5	-339.4	-185.1	99.2	100.4	0.0	0.0	97.6
55.2									
2009	28	-184.8	-359.1	-266.8	99.8	100.6	94.0	96.0	97.8
56.1									
2010	30	-188.7	-360.1	-278.1	99.5	100.7	0.0	0.0	97.8
40.1									
2011	22	-191.5	-337.9	-313.1	98.2	100.2	88.0	91.0	97.7
53.7									
2012	34	-181.3	-332.7	-304.3	99.9	100.1	0.0	0.0	97.8
55.8									
2013	33	-187.9	-356.1	-303.1	99.5	100.8	0.0	0.0	97.5
50.5									
2014	29	-199.0	-371.3	-386.4	98.4	99.8	0.0	0.0	97.3
45.6									
2015	22	-189.1	-349.6	-379.1	99.1	100.3	0.0	0.0	97.6
55.4									
2016	29	-212.0	-388.2	-511.9	98.4	100.7	0.0	0.0	98.1
62.9									
2017	18	-181.7	-327.6	-363.8	97.8	100.2	0.0	0.0	98.1
44.2									
2018	19	-145.7	-349.3	-376.1	98.3	100.8	0.0	0.0	98.0
47.3									

Tabel: 241 Witrood: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2002	11	98.8	98.8	98.8	98.8	102.0	101.5
2003	10	98.6	99.3	98.6	99.3	101.4	101.2
2004	18	98.2	98.9	98.2	98.9	101.3	101.5
2005	28	97.7	98.8	97.7	98.8	101.1	101.1
2006	27	98.6	99.1	98.6	99.1	101.5	101.4

2007	22	98.6	99.0	98.6	99.0	101.7	101.4
2008	23	98.1	99.0	98.1	99.0	101.0	101.0
2009	25	98.4	99.2	98.4	99.2	101.4	101.2
2010	28	98.2	99.3	98.2	99.3	101.8	101.5
2011	24	98.2	99.1	98.2	99.1	101.7	101.2
2012	36	98.5	99.1	98.5	99.1	101.7	101.2
2013	36	98.2	98.8	98.2	98.8	101.4	101.0
2014	30	98.0	98.9	98.0	98.9	101.6	101.1
2015	20	98.2	99.0	98.2	99.0	101.4	101.3
2016	26	98.2	99.3	98.2	99.3	101.5	101.6
2017	17	98.4	99.5	98.4	99.5	101.3	101.5
2018	13	99.2	98.4	99.2	98.4	101.6	101.2
2019	13	99.2	98.1	99.2	98.1	101.8	101.3
2021	10	99.5	98.4	99.5	98.4	102.3	101.6

Tabel: 242 Witrood: Geboortekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1993	13	86.8	104.6	118.2	107.0	96.8	101.8
2002	11	85.2	104.7	120.0	106.9	97.7	104.3
2003	10	84.8	103.4	120.4	108.3	96.6	102.3
2004	12	84.5	104.0	121.2	108.1	97.5	103.8
2005	22	85.4	103.6	119.9	107.4	96.0	102.5
2006	24	84.7	103.3	120.6	107.8	96.0	103.0
2007	17	86.1	103.9	119.1	107.3	97.3	103.6
2008	11	84.5	104.4	120.8	107.2	96.9	102.9
2009	17	83.5	105.5	121.4	106.0	96.5	103.5
2010	18	84.7	104.7	120.7	107.2	95.9	103.6
2011	17	83.4	105.6	121.5	107.1	96.7	102.5
2012	23	83.7	104.8	121.3	106.5	95.3	102.4
2013	21	84.4	105.8	120.6	106.0	96.9	103.8
2014	15	83.6	104.4	121.3	106.3	94.9	102.8
2015	11	83.5	103.9	121.7	107.5	97.6	104.5
2016	13	84.4	104.7	121.2	107.2	95.3	104.5

Tabel: 243 Witrood: Vleeskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
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2000	11	100.6	104.2	97.6	107.8	101.5	103.2	100.5	99.5	98.7
105.2	96.4									
2001	14	101.4	105.6	97.5	109.9	101.3	103.5	101.3	100.3	99.1
105.1	98.0									
2002	15	100.9	104.3	97.1	110.6	99.8	103.3	101.5	100.5	96.9
105.1	97.7									
2003	11	100.4	102.4	99.2	108.7	98.7	103.6	100.6	100.6	96.8
104.9	98.1									
2004	21	100.5	105.3	97.8	109.0	101.2	103.8	100.1	100.0	99.0
105.1	97.0									
2005	34	100.6	105.4	97.9	108.8	101.6	103.6	100.4	99.8	99.6
104.9	97.2									
2006	32	100.8	105.8	97.3	110.3	100.5	103.7	100.7	100.1	99.0
104.9	98.1									
2007	21	99.0	103.2	98.2	108.5	99.0	104.4	99.3	99.7	97.2
105.4	96.1									
2008	22	99.8	103.0	98.0	109.3	98.5	104.3	100.1	100.1	96.9
104.7	97.9									
2009	22	99.7	103.4	98.0	109.0	99.4	103.9	100.0	99.8	96.9
104.8	96.6									
2010	26	99.2	102.7	98.2	108.0	99.2	103.8	99.5	99.9	96.7
105.0	95.4									
2011	19	99.2	102.3	98.5	107.9	98.7	103.8	99.6	100.3	96.6
104.7	96.2									
2012	27	98.8	102.3	99.0	108.0	98.1	104.1	99.1	100.0	96.0
104.9	95.7									
2013	23	98.7	102.9	99.4	108.6	98.1	104.8	98.8	100.4	96.3
105.5	96.1									
2014	15	99.9	105.6	98.7	110.1	99.9	104.5	100.0	100.1	98.1
105.5	97.1									

Tabel: 244 Witrood: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	18	-3507.2	-11636.4	-530.6	-445.4
2002	18	-4265.1	-14666.9	-645.2	-541.7
2003	14	-4105.2	-14166.2	-622.9	-520.1
2004	22	-3392.3	-11512.3	-507.8	-434.6
2005	35	-3372.3	-11287.3	-511.4	-427.4
2006	33	-3864.9	-13393.1	-583.2	-491.9
2007	22	-3233.7	-10732.9	-489.1	-410.7
2008	20	-2948.7	-9802.9	-440.1	-378.7
2009	28	-3467.7	-11794.9	-521.8	-442.4
2010	30	-3531.4	-11724.4	-544.6	-441.3
2011	21	-3698.2	-12486.3	-564.4	-466.2

2012	34	-3613.4	-12295.7	-552.6	-454.8
2013	33	-3686.1	-12444.3	-565.2	-462.9
2014	29	-4183.3	-14386.6	-643.6	-523.8
2015	22	-4070.1	-13738.9	-622.1	-512.5
2016	29	-4954.6	-17214.3	-757.7	-623.6
2017	18	-3963.1	-13229.8	-616.5	-491.5
2018	19	-4063.7	-13679.1	-624.1	-509.6

Tabel: 245 Witrood: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1993	13	96.5	96.5	8	-2.7	57.8	0	0.0
1995	10	94.7	96.3	4	-2.6	64.5	0	0.0
1997	12	95.6	96.6	3	-1.9	39.3	0	0.0
1999	11	95.5	96.9	6	-2.8	71.2	0	0.0
2000	13	94.5	96.8	6	-3.2	72.2	0	0.0
2001	18	95.9	97.0	6	-2.7	34.2	2	98.5
2002	18	93.3	95.9	3	-2.1	17.3	2	101.0
2003	14	94.0	96.4	7	-2.1	44.3	4	97.5
2004	22	95.5	97.5	4	-1.8	48.0	3	98.3
2005	35	96.0	97.3	6	-2.9	32.2	4	100.0
2006	33	94.9	96.4	4	-2.6	33.8	2	101.5
2007	22	96.3	97.1	2	-2.1	46.5	0	0.0
2008	20	97.3	96.7	4	-2.6	55.2	0	0.0
2009	28	96.8	96.7	10	-2.9	56.1	1	100.0
2010	30	95.6	96.3	8	-2.1	40.1	0	0.0
2011	22	95.1	95.9	9	-2.5	53.7	1	100.0
2012	34	96.1	96.6	11	-2.7	55.8	0	0.0
2013	33	95.6	97.1	11	-2.7	50.5	0	0.0
2014	29	96.0	96.0	14	-2.7	45.6	0	0.0
2015	22	95.2	96.5	9	-2.7	55.4	0	0.0
2016	29	95.0	95.8	14	-3.0	62.9	0	0.0
2017	18	95.6	95.8	10	-2.3	44.2	0	0.0
2018	19	96.4	95.6	18	-2.5	47.3	0	0.0

Tabel: 246 Witrood: Stofwisselingsaandoeningen  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1993	10	99.5	0	0.0	0	0.0	10	94.1
2000	10	99.6	0	0.0	0	0.0	10	93.9
2001	16	99.5	0	0.0	0	0.0	16	93.7

2002	14	99.6	0	0.0	0	0.0	14	94.0
2003	11	99.6	0	0.0	0	0.0	11	93.8
2004	19	99.5	0	0.0	0	0.0	19	93.3
2005	24	99.6	0	0.0	0	0.0	24	94.5
2006	29	99.7	0	0.0	0	0.0	29	94.5
2007	19	99.3	0	0.0	0	0.0	19	93.1
2008	18	99.6	0	0.0	0	0.0	18	93.9
2009	27	99.8	0	0.0	0	0.0	27	95.1
2010	30	99.6	0	0.0	0	0.0	30	94.1
2011	20	99.8	0	0.0	0	0.0	20	94.8
2012	34	99.7	0	0.0	0	0.0	34	94.8
2013	33	99.6	0	0.0	0	0.0	33	94.2
2014	28	99.6	0	0.0	0	0.0	28	94.9
2015	22	99.6	0	0.0	0	0.0	22	94.9
2016	29	99.7	0	0.0	0	0.0	29	94.9
2017	18	99.7	0	0.0	0	0.0	18	94.0
2018	19	99.6	0	0.0	0	0.0	19	94.7

Tabel: 247 Belgisch Blauw: Vruchtbaarheidskenmerken  
 Basis: Belgisch witblauw  
 Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	27	93.4	103.6	95.3	100.5	93.3	90.8	112.9	98.9
94.6									
1981	33	94.5	103.5	96.4	101.3	94.6	91.2	113.5	99.5
95.6									
1982	58	94.2	103.2	95.7	100.7	93.9	90.6	112.5	98.9
95.0									
1983	80	94.0	103.6	95.8	100.9	93.8	91.4	113.3	99.2
95.2									
1984	84	94.4	103.4	96.0	101.0	94.2	91.6	113.9	99.3
95.4									
1985	104	94.6	103.5	96.4	101.2	94.4	91.9	114.3	99.5
95.7									
1986	142	94.7	103.6	96.6	101.3	94.6	92.2	113.8	99.8
96.0									
1987	199	95.0	102.9	96.8	100.9	95.0	93.4	114.7	99.5
96.3									
1988	270	95.4	102.8	97.3	101.0	95.3	94.3	114.9	99.8
96.7									
1989	415	95.6	102.6	97.4	100.9	95.4	94.2	114.2	99.7
96.7									
1990	497	95.4	102.6	97.3	100.9	95.4	94.2	114.1	99.7
96.7									

1991	612	95.2	102.6	97.1	100.8	95.2	94.1	113.8	99.5
96.5									
1992	712	95.2	102.4	97.1	100.6	95.2	93.9	112.2	99.5
96.5									
1993	754	95.2	102.2	96.9	100.4	95.1	94.0	111.6	99.2
96.3									
1994	819	95.2	102.1	96.9	100.3	95.2	94.2	110.2	99.1
96.4									
1995	923	95.5	101.8	97.0	100.2	95.4	94.4	109.7	99.1
96.5									
1996	906	95.6	101.7	97.0	100.1	95.6	94.5	108.7	99.1
96.6									
1997	1014	95.8	101.6	97.2	100.2	95.7	94.7	108.4	99.1
96.7									
1998	1124	96.0	101.5	97.4	100.2	96.1	95.0	107.3	99.2
96.9									
1999	1147	96.1	101.5	97.5	100.3	96.2	95.5	107.0	99.3
97.1									
2000	1322	96.0	101.5	97.6	100.2	96.3	95.7	105.7	99.3
97.2									
2001	1295	96.2	101.4	97.7	100.2	96.5	95.9	104.9	99.3
97.4									
2002	1360	96.4	101.4	97.9	100.3	96.8	96.2	103.8	99.4
97.5									
2003	1426	96.6	101.2	98.0	100.2	97.0	96.3	103.1	99.4
97.7									
2004	1527	96.8	100.9	97.9	100.0	97.0	96.3	101.8	99.2
97.6									
2005	1680	97.1	100.7	98.1	100.0	97.2	96.6	101.2	99.2
97.7									
2006	1768	97.3	100.6	98.1	99.9	97.4	96.9	100.2	99.2
97.9									
2007	1779	97.6	100.4	98.3	99.8	97.7	97.3	99.4	99.2
98.1									
2008	1841	97.8	100.3	98.3	99.8	97.8	97.7	99.5	99.1
98.2									
2009	1740	98.0	100.2	98.5	99.8	98.0	97.9	99.9	99.2
98.3									
2010	1802	98.1	100.1	98.6	99.7	98.1	98.5	100.3	99.1
98.5									
2011	1846	98.4	99.8	98.8	99.6	98.4	99.1	99.9	99.1
98.8									
2012	1734	98.8	99.7	99.0	99.7	98.7	99.5	99.8	99.3
99.0									
2013	1657	99.1	99.4	99.2	99.6	99.0	100.1	99.9	99.2
99.3									
2014	1647	99.3	99.3	99.4	99.6	99.2	100.4	99.9	99.2
99.5									
2015	1454	99.5	99.2	99.5	99.6	99.4	100.6	99.7	99.3
99.6									

2016	1386	99.8	99.1	99.6	99.5	99.6	100.8	99.6	99.3
99.7									
2017	1216	99.7	99.1	99.6	99.5	99.5	100.7	99.6	99.3
99.7									
2018	1138	99.9	98.9	99.6	99.4	99.6	100.7	99.3	99.2
99.6									
2019	934	99.9	98.9	99.6	99.4	99.6	100.4	99.1	99.2
99.6									
2020	784	99.8	98.9	99.4	99.3	99.5	100.2	98.8	99.1
99.4									
2021	551	99.7	98.8	99.4	99.2	99.4	100.2	99.0	98.9
99.3									
2022	294	99.5	99.0	99.4	99.2	99.3	99.8	98.8	99.1
99.2									

Tabel: 248 Belgisch Blauw: Levensvatbaarheidskenmerken  
 Basis: Belgisch witblauw  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	26	90.7	0.0	90.7	0.0	90.4	0.0
1988	38	90.9	102.0	90.9	102.0	89.8	105.0
1989	52	91.5	0.0	91.5	0.0	90.7	0.0
1990	49	91.4	101.0	91.4	101.0	90.9	104.0
1991	46	91.6	0.0	91.6	0.0	90.7	0.0
1992	60	91.7	101.0	91.7	101.0	91.0	104.0
1993	43	91.4	0.0	91.4	0.0	90.8	0.0
1994	62	91.8	0.0	91.8	0.0	91.1	0.0
1995	52	91.6	100.5	91.6	100.5	91.0	102.5
1996	46	91.6	101.0	91.6	101.0	91.0	104.0
1997	50	92.0	0.0	92.0	0.0	91.5	0.0
1998	57	92.3	0.0	92.3	0.0	92.0	0.0
1999	66	91.9	102.5	91.9	102.5	91.7	104.5
2000	81	92.0	102.5	92.0	102.5	91.5	104.5
2001	68	92.2	100.0	92.2	100.0	91.7	104.0
2002	59	92.1	103.0	92.1	103.0	91.7	105.5
2003	63	92.0	99.0	92.0	99.0	91.4	103.0
2004	58	92.3	103.0	92.3	103.0	92.1	105.0
2005	53	92.9	100.0	92.9	100.0	92.7	103.0
2006	50	92.9	100.0	92.9	100.0	92.7	104.0
2007	62	93.1	101.0	93.1	101.0	92.7	103.0
2008	48	93.3	101.0	93.3	101.0	93.1	104.0
2009	43	93.6	100.5	93.6	100.5	93.7	104.0
2010	54	93.4	100.5	93.4	100.5	93.3	104.5
2011	66	93.3	0.0	93.3	0.0	93.0	0.0
2012	63	93.0	99.5	93.0	99.5	92.4	103.5
2013	47	93.2	0.0	93.2	0.0	92.3	0.0

2014	33	93.2	102.0	93.2	102.0	93.0	105.0
2015	34	92.8	100.3	92.8	100.3	92.7	103.7
2016	17	94.1	0.0	94.1	0.0	94.2	0.0

Tabel: 249 Belgisch Blauw: Geboortekenmerken  
 Basis: Belgisch witblauw  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	11	108.1	100.4	92.4	100.0	105.0	96.0
1981	11	106.8	101.5	93.1	99.0	105.0	98.0
1982	34	109.5	99.7	91.1	104.4	103.6	93.4
1983	39	109.5	99.9	91.0	102.2	102.2	95.2
1984	37	107.7	99.6	92.3	101.7	101.4	93.9
1985	42	110.6	98.9	89.6	101.8	101.6	94.1
1986	63	108.9	99.5	91.2	102.1	101.7	94.5
1987	102	107.4	100.0	92.3	101.9	101.9	93.7
1988	117	106.1	99.9	93.4	101.9	102.1	93.8
1989	163	108.2	99.7	91.3	100.9	102.7	95.3
1990	196	107.4	99.4	92.2	101.3	102.2	94.4
1991	172	108.3	99.2	91.5	100.9	101.9	95.2
1992	197	107.1	99.4	92.4	100.5	101.9	95.7
1993	207	107.0	99.4	92.5	100.5	101.7	95.7
1994	252	107.1	99.2	92.4	100.4	102.0	96.2
1995	273	107.0	99.3	92.5	100.8	101.7	96.0
1996	282	106.4	99.1	93.1	100.7	101.5	96.0
1997	326	106.7	99.4	92.7	100.9	101.6	95.5
1998	395	107.1	98.6	92.3	100.7	101.0	95.5
1999	441	107.2	98.9	92.2	100.4	101.0	95.7
2000	504	106.7	99.0	92.7	100.9	101.0	95.0
2001	494	106.5	99.1	92.9	101.1	100.5	94.6
2002	576	106.1	99.1	93.2	101.0	100.5	94.6
2003	694	107.0	99.0	92.4	100.5	100.1	95.1
2004	875	106.1	99.2	93.3	100.4	100.1	95.6
2005	1017	106.0	99.3	93.3	100.1	100.0	95.6
2006	1071	106.2	99.2	93.0	100.2	99.4	95.0
2007	1439	105.4	99.1	93.6	99.8	99.4	95.2
2008	1475	105.4	99.1	93.7	99.5	99.0	95.2
2009	1431	105.2	99.2	93.8	99.3	99.5	95.7
2010	1448	105.6	99.2	93.4	98.6	99.9	96.7
2011	1493	104.8	99.6	94.4	98.6	99.7	97.0
2012	1431	104.0	99.8	95.2	98.5	99.6	97.3
2013	1323	103.8	99.4	95.4	98.4	99.7	97.7
2014	1334	103.2	99.4	96.2	98.5	99.6	98.2
2015	1225	103.3	99.4	96.4	98.9	99.7	99.0
2016	1166	103.2	99.6	96.7	99.3	100.0	99.5
2017	1027	102.8	99.5	97.0	99.3	99.7	99.1
2018	940	102.4	99.7	97.8	99.8	99.6	99.3



2019	794	102.3	99.7	97.8	100.0	99.5	99.1
2020	722	103.0	99.5	97.2	100.3	99.5	98.6
2021	688	102.6	99.5	97.6	100.4	99.5	98.6
2022	462	102.8	99.2	97.5	100.9	99.2	97.8
2023	443	102.3	99.2	98.0	101.0	99.3	97.6
2024	281	102.7	98.8	97.8	101.6	99.5	97.7

Tabel: 250 Belgisch Blauw: Vleeskenmerken  
 Basis: Belgisch witblauw  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	10	99.5	92.7	95.7	96.9	100.2	100.1	101.3	98.3	94.3
98.4	97.9									
1981	11	97.5	89.0	95.3	97.5	94.9	100.1	100.0	99.2	92.3
97.4	99.5									
1982	21	97.0	86.1	95.7	96.0	93.9	99.7	99.8	99.4	90.0
97.7	97.1									
1983	29	96.1	83.8	96.2	91.8	94.6	99.2	99.4	98.6	89.8
97.2	94.7									
1984	37	95.9	82.4	95.4	92.6	93.1	99.3	99.4	98.4	88.5
97.0	95.8									
1985	30	96.9	85.6	95.7	94.9	94.1	99.4	99.9	98.8	89.9
97.2	97.1									
1986	55	96.7	82.7	96.0	92.9	94.0	99.6	99.9	98.6	89.9
97.3	97.2									
1987	91	97.7	87.0	96.2	95.2	96.3	100.3	100.1	99.2	91.6
98.0	97.5									
1988	111	98.0	86.9	96.5	95.1	96.6	100.3	100.5	98.9	91.9
98.2	97.8									
1989	180	97.8	86.4	96.4	95.4	95.2	99.7	100.6	99.5	90.7
97.9	97.3									
1990	226	98.2	88.0	96.5	96.0	96.5	100.2	100.4	99.7	91.6
98.4	96.9									
1991	233	97.6	87.1	96.3	95.3	95.7	99.8	100.2	99.5	90.8
98.1	96.3									
1992	305	98.4	88.8	96.9	96.0	97.1	99.9	100.6	99.5	92.1
98.6	96.7									
1993	363	98.3	87.9	97.1	95.1	97.3	99.8	100.6	99.3	92.2
98.6	96.5									
1994	419	98.4	88.7	97.0	95.4	97.4	99.7	100.6	99.7	92.4
98.5	96.4									
1995	464	98.6	89.2	97.3	95.5	97.9	100.0	100.5	99.7	92.8
98.8	96.6									

1996	463	98.8	89.3	97.7	95.3	98.5	100.1	100.5	99.9	93.1
99.1	96.5									
1997	504	99.2	90.5	97.9	95.6	99.2	100.1	100.8	100.0	94.0
99.3	96.8									
1998	582	98.9	91.1	97.9	96.1	99.1	100.4	100.3	100.0	94.2
99.4	96.5									
1999	615	99.2	91.2	98.0	95.7	99.7	99.9	100.6	100.1	94.5
99.1	96.3									
2000	720	99.6	92.7	98.3	96.1	100.7	100.1	100.8	100.1	95.1
99.4	96.2									
2001	702	99.8	92.2	98.5	95.9	100.9	100.0	100.9	100.4	95.1
99.7	96.1									
2002	798	99.8	93.4	98.5	96.5	101.0	100.2	100.7	100.3	95.4
99.6	96.2									
2003	855	99.8	93.1	98.3	96.3	101.0	100.0	100.7	100.6	95.3
99.4	96.1									
2004	944	99.9	94.6	98.9	96.8	101.5	100.2	100.4	100.8	96.1
99.5	96.3									
2005	1008	99.8	95.0	99.3	96.8	101.7	100.1	100.3	100.6	96.3
99.5	96.3									
2006	1075	99.2	94.8	99.3	96.7	100.6	100.1	99.9	100.7	95.8
99.4	95.8									
2007	1065	99.5	96.3	99.5	97.6	101.1	100.1	100.1	100.5	96.5
99.5	96.1									
2008	979	99.3	96.9	99.6	97.9	100.7	100.1	99.9	100.5	96.6
99.5	96.5									
2009	850	99.3	98.1	99.8	98.8	100.3	100.3	99.9	100.6	97.0
99.6	96.8									
2010	704	99.1	98.3	99.7	99.2	99.6	100.2	99.8	100.5	96.8
99.3	97.2									
2011	524	99.0	100.1	99.8	100.4	99.3	100.4	99.6	100.5	97.3
99.4	97.9									
2012	393	99.2	101.2	99.8	101.4	99.3	100.6	99.7	100.9	97.7
99.5	98.2									
2013	291	99.1	101.7	100.0	101.9	99.3	100.6	99.5	100.8	97.9
99.7	98.2									
2014	290	99.3	102.2	100.1	102.0	99.5	100.8	99.5	100.9	98.2
99.6	98.7									
2015	188	99.1	103.3	100.4	102.5	99.8	101.0	99.3	100.8	98.7
99.9	98.6									
2016	104	98.8	101.4	100.4	101.8	98.7	100.8	99.2	100.9	97.6
99.6	98.5									
2017	61	99.2	102.9	100.6	102.1	99.9	100.9	99.4	101.1	98.7
99.9	98.1									
2018	13	100.3	104.4	100.2	104.1	100.2	100.8	100.8	101.2	99.1
100.1	99.6									

Tabel: 251 Belgisch Blauw: Stofwisselingsaandoeningen

Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	17	100.0	0	0.0	0	0.0	17	97.5
1990	14	100.0	0	0.0	0	0.0	14	97.9
1991	16	100.0	0	0.0	0	0.0	16	97.8
1992	11	100.0	0	0.0	0	0.0	11	97.9
1994	16	100.0	0	0.0	0	0.0	16	97.8
1995	23	100.0	0	0.0	0	0.0	23	97.5
1996	14	100.0	0	0.0	0	0.0	14	97.3
1997	16	100.0	0	0.0	0	0.0	16	97.9
1998	16	100.0	0	0.0	0	0.0	16	97.9
1999	20	100.0	0	0.0	0	0.0	20	98.5
2000	33	100.0	0	0.0	0	0.0	33	98.2
2001	18	100.0	0	0.0	0	0.0	18	98.2
2002	12	100.0	0	0.0	0	0.0	12	98.4
2003	17	100.0	0	0.0	0	0.0	17	97.5
2004	17	100.0	0	0.0	0	0.0	17	98.9
2005	12	99.9	0	0.0	0	0.0	12	96.8
2006	17	99.9	0	0.0	0	0.0	17	96.8
2007	11	99.9	0	0.0	0	0.0	11	97.2
2008	12	100.0	0	0.0	0	0.0	12	98.1
2009	15	100.0	0	0.0	0	0.0	15	95.8
2010	14	100.0	0	0.0	0	0.0	14	98.6
2011	18	100.0	0	0.0	1	99.0	17	98.8

Tabel: 252 Belgisch Blauw: Reproductiestoornissen  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
2011	10	108.1	107.1	108.9	106.9	105.7	102.7
2012	16	108.7	107.8	108.9	107.3	106.1	103.2
2013	18	108.6	107.6	108.7	107.0	106.2	103.0

Tabel: 253 Brand rood: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2004	18	-905.1	-45.5	-39.2	-35.6	-9.4	-10.3	11.5	-305.1
2006	14	-846.9	-42.6	-34.3	-32.2	-9.4	-4.8	12.9	-275.4
2007	19	-888.8	-49.2	-38.2	-34.8	-17.6	-9.6	11.3	-311.8

2008	18	-739.2	-41.5	-33.9	-28.8	-15.4	-11.2	9.7	-270.4
2009	15	-986.1	-49.0	-37.4	-39.3	-10.2	-1.9	11.4	-307.9
2010	20	-734.1	-39.8	-33.1	-28.3	-13.1	-9.7	10.3	-261.9
2011	23	-633.1	-38.6	-31.5	-23.0	-18.0	-13.7	11.0	-251.3
2012	19	-550.0	-37.6	-28.8	-18.5	-22.1	-14.2	11.9	-236.7
2013	27	-385.4	-27.2	-23.0	-14.4	-16.5	-14.2	5.6	-180.7
2014	24	-518.1	-28.2	-25.5	-18.8	-9.1	-10.5	8.9	-194.3
2016	10	-737.0	-42.3	-34.5	-28.1	-15.7	-12.6	10.5	-275.3
2017	11	-714.5	-40.6	-33.6	-27.6	-15.5	-12.1	9.8	-266.6
2018	11	-737.9	-36.0	-30.5	-28.8	-4.6	-5.3	9.1	-239.0
2019	18	-956.0	-45.8	-39.0	-39.4	-5.7	-6.1	8.8	-305.2

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 254 Brand rood: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
2000	16	98.6	99.2	97.8	98.4	98.7	98.8	93.1	98.2
98.3									
2001	14	99.0	100.1	98.7	99.4	99.5	99.2	94.0	99.3
99.3									
2002	25	98.9	99.9	98.6	99.1	99.3	99.0	93.6	99.0
98.9									
2003	28	98.3	99.9	97.9	98.7	98.5	97.9	91.9	98.5
98.2									
2004	61	99.0	100.2	98.4	99.1	99.2	98.6	91.5	99.1
98.9									
2005	39	98.8	100.0	98.2	99.0	99.0	98.5	91.7	98.9
98.6									
2006	61	98.5	100.0	97.9	98.9	98.7	98.5	91.5	98.8
98.4									
2007	70	98.5	100.0	98.0	99.0	98.9	98.5	92.1	98.8
98.6									
2008	88	98.9	100.5	98.6	99.5	99.4	98.8	92.0	99.4
99.2									
2009	113	98.5	100.4	98.2	99.3	99.0	98.6	92.1	99.1
98.8									
2010	129	98.8	100.2	98.2	99.2	99.1	98.7	91.7	99.0
98.8									
2011	165	98.7	100.0	98.0	99.1	99.1	98.7	91.8	98.8
98.7									
2012	157	98.9	99.7	98.1	98.9	99.2	99.0	91.9	98.6
98.7									

2013	182	99.1	99.6	98.2	98.9	99.2	98.9	92.2	98.7
98.7									
2014	202	99.1	100.1	98.6	99.4	99.5	99.2	92.6	99.2
99.1									
2015	162	98.8	99.8	98.2	99.0	99.2	99.0	92.6	98.8
98.8									
2016	193	98.9	100.0	98.2	99.1	99.2	98.9	92.3	98.9
98.9									
2017	178	98.8	100.2	98.3	99.2	99.2	98.8	92.1	99.1
98.9									
2018	185	98.5	100.4	98.3	99.4	99.0	98.6	92.3	99.1
98.8									
2019	179	98.8	100.4	98.5	99.5	99.3	98.8	92.6	99.3
99.0									
2020	120	99.0	100.3	98.7	99.6	99.5	99.2	92.9	99.4
99.3									
2021	72	99.0	100.5	98.8	99.7	99.6	99.1	93.3	99.5
99.3									
2022	40	98.7	100.5	98.6	99.5	99.3	98.7	92.8	99.5
99.2									

Tabel: 255 Brand rood: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
2004	18	-106.6	-305.1	-118.9	98.7	98.9	0.0	0.0	98.5
66.6									
2006	14	-130.8	-275.4	-258.8	98.0	98.4	0.0	0.0	98.6
53.4									
2007	19	-125.4	-311.8	-261.2	99.4	98.6	93.0	94.0	98.6
65.5									
2008	18	-108.9	-270.4	-251.8	98.2	99.2	0.0	0.0	98.6
44.8									
2009	15	-130.2	-307.9	-290.4	98.2	98.8	0.0	0.0	98.6
38.3									
2010	20	-108.6	-261.9	-283.0	97.7	98.8	0.0	0.0	99.0
40.1									
2011	23	-114.4	-251.3	-207.1	97.8	98.7	92.0	96.0	98.8
46.9									
2012	19	-100.0	-236.7	-188.1	98.1	98.7	0.0	0.0	99.1
38.6									
2013	27	-81.1	-180.7	-168.9	96.5	98.7	0.0	0.0	99.1
30.5									

2014	24	-76.0	-194.3	-125.0	97.8	99.1	0.0	0.0	99.1
32.1									
2016	10	-107.5	-275.3	-167.4	96.9	98.9	0.0	0.0	99.4
42.1									
2017	11	-98.2	-266.6	-181.3	97.8	98.9	0.0	0.0	99.4
41.6									
2018	11	-97.7	-239.0	-160.0	97.6	98.8	0.0	0.0	99.5
41.0									
2019	18	-127.9	-305.2	-226.5	96.6	99.0	88.0	97.0	99.6
56.5									

Tabel: 256 Brand rood: Levensvatbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2004	22	99.2	98.0	99.2	98.0	97.3	98.8
2005	16	99.9	98.3	99.9	98.3	97.9	99.3
2006	27	99.6	98.1	99.6	98.1	97.9	99.1
2007	33	99.6	98.1	99.6	98.1	97.7	99.1
2008	46	99.6	98.2	99.6	98.2	97.7	99.1
2009	52	100.0	97.6	100.0	97.6	98.1	99.0
2010	69	100.2	98.2	100.2	98.2	98.2	99.3
2011	90	100.0	98.1	100.0	98.1	98.0	99.1
2012	105	100.7	98.2	100.7	98.2	98.7	99.5
2013	104	100.6	98.4	100.6	98.4	98.6	99.6
2014	106	100.4	98.3	100.4	98.3	98.5	99.5
2015	75	100.4	98.3	100.4	98.3	98.5	99.4
2016	97	100.6	98.5	100.6	98.5	98.7	99.6
2017	90	100.7	98.1	100.7	98.1	99.0	99.6
2018	113	100.9	98.2	100.9	98.2	99.2	99.7
2019	76	100.9	98.3	100.9	98.3	99.2	99.8
2020	93	100.8	98.3	100.8	98.3	99.1	99.7
2021	68	101.0	98.5	101.0	98.5	99.3	99.9
2022	72	101.1	98.4	101.1	98.4	99.3	99.8
2023	71	100.7	98.6	100.7	98.6	98.9	99.5
2024	50	100.8	98.5	100.8	98.5	99.3	100.1

Tabel: 257 Brand rood: Geboortekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2003	12	90.8	101.9	111.9	110.7	91.0	89.3

2004	26	93.6	101.8	109.2	110.1	92.7	89.9
2005	14	93.0	101.6	109.6	109.2	91.0	90.7
2006	30	90.4	102.3	112.0	109.5	93.1	90.1
2007	30	92.1	100.6	110.6	110.0	92.8	89.2
2008	41	91.6	100.7	111.0	109.5	92.3	89.8
2009	57	93.0	101.1	109.7	109.9	91.6	89.8
2010	50	92.8	101.0	109.8	110.0	91.6	89.1
2011	65	91.5	101.8	111.2	110.0	91.1	89.3
2012	70	90.6	102.8	112.1	109.8	92.0	90.9
2013	72	91.6	101.6	111.1	109.6	91.1	90.6
2014	76	93.2	100.8	109.7	110.3	90.1	89.3
2015	60	93.4	100.5	109.2	109.2	91.0	89.7
2016	74	94.4	99.9	108.4	109.8	90.5	89.6
2017	86	94.0	100.4	108.8	109.3	90.9	89.6
2018	79	94.3	100.1	108.5	109.5	90.6	89.2
2019	71	94.4	99.5	108.4	109.6	90.2	88.8
2020	67	94.3	100.0	108.6	109.6	91.0	89.6
2021	64	95.3	98.8	107.8	109.9	90.3	89.5
2022	78	93.9	100.0	109.0	109.2	91.3	89.6
2023	73	93.5	99.8	109.3	109.0	91.0	89.6
2024	45	94.6	98.5	108.3	109.7	90.3	89.2

Tabel: 258 Brand rood: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
2003	20	99.7	111.0	95.2	104.8	106.0	100.2	97.0	97.3	111.9
	94.5	104.2								
2004	30	100.7	111.7	95.3	103.9	107.9	99.7	96.8	99.6	113.5
	93.6	104.6								
2005	21	100.5	112.3	97.0	103.3	108.8	100.8	96.3	99.0	114.7
	95.0	104.4								
2006	30	98.7	110.0	95.2	103.4	105.4	99.9	95.9	97.7	111.2
	94.1	102.8								
2007	27	97.9	110.1	95.1	102.6	105.6	100.4	95.0	97.0	111.8
	94.1	102.3								
2008	36	98.6	110.1	96.2	103.0	105.8	100.8	95.4	97.6	111.7
	94.8	102.9								
2009	23	99.2	111.7	96.7	102.9	107.6	100.5	95.7	97.5	113.6
	95.0	103.2								
2010	23	99.3	112.0	96.3	103.8	107.8	101.0	96.2	96.7	113.5
	95.6	103.6								
2011	13	99.8	110.8	95.8	103.2	107.2	99.9	96.4	98.5	112.8
	94.2	103.6								

Tabel: 259 Brand rood: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2003	13	102.4	99.7	101.5
2004	38	102.4	99.8	101.6
2005	34	102.5	99.9	101.8
2006	36	103.2	100.6	102.4
2007	46	103.0	100.3	102.1
2008	68	103.0	100.4	102.1
2009	76	102.7	100.2	101.9
2010	100	102.8	100.2	101.9
2011	116	103.1	100.5	102.2
2012	131	102.5	100.0	102.0
2013	127	102.3	99.7	101.8
2014	143	102.6	100.0	102.0
2015	110	102.1	99.6	101.6
2016	113	102.4	99.8	101.8
2017	124	102.2	99.7	101.8
2018	145	102.5	100.0	102.1
2019	114	102.9	100.3	102.3
2020	117	102.8	100.2	102.2
2021	114	102.9	100.4	102.3
2022	110	103.0	100.4	102.5
2023	86	103.3	100.6	102.7
2024	47	103.7	100.8	102.9

Tabel: 260 Brand rood: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	15	-2539.8	-8680.4	-381.3	-324.6
2006	10	-3698.7	-13194.0	-564.5	-466.3
2007	12	-3414.8	-11740.5	-525.2	-427.7
2008	12	-3415.2	-11918.9	-526.0	-427.2
2009	16	-3466.4	-12369.6	-532.3	-434.8
2010	16	-3462.1	-11978.4	-532.2	-433.8
2011	18	-2929.4	-9951.2	-447.2	-369.3
2012	18	-2696.7	-9005.4	-414.8	-337.7
2013	17	-2443.8	-8176.6	-374.9	-306.7
2014	18	-2277.7	-7910.5	-345.2	-288.8



2017	10	-2691.3	-9072.7	-407.3	-341.7
2018	10	-2511.3	-8778.5	-380.9	-318.3
2019	17	-3088.9	-10898.5	-466.4	-392.9

Tabel: 261 Brand rood: Overige productie en efficiency kenm.  
Basis: Dubbeloel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
2004	18	96.6	100.3	18	-2.4	66.6	0	0.0
2006	14	98.1	99.4	14	-2.1	53.4	0	0.0
2007	19	97.8	98.3	19	-2.4	65.5	1	92.0
2008	18	98.2	98.9	18	-1.9	44.8	0	0.0
2009	15	97.9	99.7	15	-2.2	38.3	0	0.0
2010	20	97.8	99.8	20	-1.8	40.1	0	0.0
2011	23	97.7	99.3	23	-1.8	46.9	1	85.0
2012	19	98.2	100.2	19	-1.6	38.6	0	0.0
2013	27	97.0	98.9	27	-1.3	30.5	0	0.0
2014	24	96.5	98.9	24	-1.4	32.1	0	0.0
2016	10	97.6	100.2	10	-1.9	42.1	0	0.0
2017	11	97.7	99.9	11	-1.9	41.6	0	0.0
2018	11	98.5	99.0	11	-1.7	41.0	0	0.0
2019	18	98.1	99.1	18	-2.3	56.5	1	84.0

Tabel: 262 Fleck Vieh: Melkproductiekenmerken  
Basis: Dubbeloel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	14	-473.1	-35.0	-24.7	-22.9	-22.5	-12.1	-1.8	-211.4
1985	34	-322.1	-27.6	-19.1	-16.0	-21.3	-11.6	-1.7	-165.2
1986	30	-52.5	-15.7	-12.6	-3.7	-20.4	-16.3	-1.9	-101.3
1987	60	-188.0	-19.0	-15.1	-9.9	-16.9	-12.9	-1.9	-122.1
1988	61	-252.7	-22.7	-17.8	-12.8	-18.3	-13.5	-1.9	-144.8
1989	46	-363.9	-24.0	-21.5	-17.9	-12.2	-12.8	-2.0	-164.8
1990	50	-198.0	-20.4	-15.4	-10.3	-18.2	-12.7	-1.9	-127.4
1991	36	-164.8	-19.8	-15.5	-8.8	-19.3	-14.7	-1.9	-126.2
1992	50	-122.4	-19.2	-15.6	-7.0	-21.2	-17.3	-2.1	-124.5
1993	53	-47.9	-18.6	-12.8	-3.5	-25.8	-17.2	-2.0	-111.2
1994	73	-122.0	-20.2	-14.9	-6.8	-23.2	-16.3	-1.9	-124.5
1995	94	-79.6	-14.9	-12.6	-4.9	-17.9	-15.1	-2.0	-98.7
1996	106	-259.6	-23.9	-18.1	-13.2	-20.3	-13.8	-2.0	-149.9
1997	101	-118.7	-18.7	-14.2	-6.7	-21.4	-15.4	-2.0	-117.3
1998	189	-372.5	-29.4	-22.8	-18.2	-21.3	-14.9	-1.8	-186.3
1999	248	-343.1	-28.8	-21.8	-17.0	-22.2	-14.9	-2.0	-180.3

2000	215	-423.1	-31.5	-24.2	-20.6	-21.1	-14.1	-1.9	-198.5
2001	452	-508.4	-37.2	-27.7	-24.5	-24.7	-14.9	-1.9	-230.6
2002	528	-553.8	-34.9	-29.2	-26.7	-17.4	-14.7	-2.0	-230.3
2003	556	-522.7	-34.7	-28.5	-25.5	-19.1	-15.3	-2.5	-226.9
2004	463	-226.9	-24.1	-17.7	-12.4	-22.2	-14.7	-3.2	-148.5
2005	948	-236.1	-23.5	-18.4	-13.5	-20.8	-15.3	-4.3	-149.9
2006	623	-93.9	-17.6	-13.6	-6.6	-20.9	-15.6	-3.6	-111.5
2007	563	-16.7	-14.9	-10.1	-2.8	-21.7	-14.4	-3.1	-88.2
2008	725	42.1	-13.0	-8.5	-0.3	-22.6	-15.2	-3.4	-75.4
2009	604	74.3	-11.0	-7.3	1.0	-21.6	-15.0	-3.7	-64.2
2010	868	144.0	-9.2	-5.7	4.1	-23.4	-16.3	-3.8	-52.1
2011	739	357.5	-1.6	1.5	13.0	-25.2	-16.7	-5.1	1.7
2012	874	456.7	4.5	5.5	18.2	-22.4	-15.9	-4.2	37.0
2013	922	563.3	9.5	9.5	22.4	-21.5	-15.6	-5.0	69.5
2014	1064	629.8	11.8	11.3	25.6	-22.1	-16.3	-4.7	83.9
2015	1002	729.0	16.8	14.9	29.6	-21.1	-16.1	-5.5	114.4
2016	1023	810.2	19.4	16.7	33.0	-22.3	-17.7	-5.8	129.8
2017	1026	903.9	23.7	19.6	37.3	-21.8	-18.2	-5.9	155.5
2018	875	958.2	26.5	22.1	39.5	-21.0	-17.4	-6.2	174.5
2019	991	1014.8	30.9	25.0	41.7	-18.2	-16.0	-6.7	200.4
2020	1068	1106.1	34.3	27.2	45.8	-18.9	-17.4	-6.7	220.1
2021	999	1123.7	38.0	29.9	46.4	-15.2	-14.7	-7.0	242.3
2022	209	1153.0	41.1	30.5	47.8	-12.9	-15.4	-6.9	254.5

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 263 Fleck Vieh: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1989	14	102.5	100.6	99.2	94.5	104.8	99.1	94.3
1990	19	103.7	102.4	100.4	95.1	105.5	100.7	94.5
1992	21	104.1	101.9	100.3	95.8	105.0	100.9	94.1
1993	23	104.1	103.0	100.0	94.8	106.5	102.5	93.0
1994	32	103.5	104.2	100.6	94.4	107.1	102.2	93.3
1995	48	103.3	103.8	100.2	94.9	106.8	100.2	93.2
1996	30	103.8	104.0	100.2	94.5	107.3	101.6	93.2
1997	40	103.4	103.4	100.0	94.6	106.8	101.0	93.2
1998	46	103.0	102.7	99.8	94.6	106.3	101.1	93.4
1999	78	103.5	102.9	100.1	94.9	106.1	101.1	93.6
2000	43	102.9	101.9	99.1	93.8	106.1	101.0	93.8
2001	69	102.8	102.3	99.6	94.7	105.5	100.3	93.4
2002	89	102.0	100.7	97.9	93.4	105.3	100.5	92.6
2003	88	103.0	101.9	99.2	94.4	105.5	101.1	93.2
2004	74	102.7	102.4	98.9	93.6	105.9	100.5	93.1
2005	134	103.0	101.8	98.8	94.0	105.3	101.6	93.0
2006	93	103.4	102.7	99.6	94.3	105.9	101.4	93.6
2007	83	103.3	102.2	99.3	94.2	105.6	101.1	94.0

2008	95	103.0	102.3	99.2	94.2	105.8	101.1	93.4
2009	70	103.0	102.3	99.2	94.1	105.6	101.0	93.0
2010	80	103.1	101.8	98.9	93.9	105.8	101.3	93.0
2011	52	102.7	102.3	99.1	94.0	105.9	100.9	92.8
2012	54	104.0	103.7	100.9	95.4	106.4	101.7	93.7
2013	76	104.6	102.5	100.9	95.7	105.6	101.3	93.7
2014	54	103.9	102.5	100.3	95.2	105.9	101.5	93.4
2015	57	104.6	102.6	101.3	96.4	105.1	101.5	94.2
2016	35	104.6	102.4	101.7	96.9	105.0	101.1	93.6
2017	44	104.3	102.2	101.1	96.8	104.7	102.6	93.3
2018	29	104.9	102.4	102.0	97.7	104.5	101.7	94.2
2019	35	104.6	101.7	100.5	96.3	105.0	102.1	93.2
2020	24	106.7	103.4	102.5	97.8	105.5	101.5	95.2
2021	30	105.7	102.4	101.8	97.3	105.1	102.2	94.3

Tabel: 264 Fleck Vieh: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1989	14	96.8	96.2	109.6	101.1	97.8
1990	19	97.7	96.1	110.8	102.6	98.5
1992	21	98.0	95.7	111.0	102.5	98.5
1993	23	100.2	95.0	113.0	104.5	100.0
1994	32	100.3	95.0	112.9	104.7	100.4
1995	48	98.7	94.8	112.8	103.9	99.1
1996	30	99.4	94.9	112.9	104.5	99.6
1997	40	98.6	94.8	112.8	103.8	98.6
1998	46	99.5	95.0	112.9	103.9	99.9
1999	78	99.1	95.0	112.6	103.7	99.3
2000	43	98.8	95.2	112.0	102.9	99.2
2001	69	98.8	95.5	111.6	103.2	99.3
2002	89	97.6	95.2	111.0	101.5	98.2
2003	88	97.9	95.6	111.1	102.3	98.6
2004	74	97.9	94.9	111.8	102.6	98.7
2005	134	97.8	95.4	110.9	102.1	98.5
2006	93	97.9	95.8	111.0	103.0	98.6
2007	83	98.1	95.5	111.3	102.4	99.0
2008	95	98.5	95.3	111.6	102.9	99.0
2009	70	98.1	95.8	110.8	102.9	98.9
2010	80	98.1	95.3	111.5	102.4	98.8
2011	52	98.3	95.7	111.1	102.8	98.8
2012	54	98.9	95.4	112.2	104.0	99.0
2013	76	98.7	95.7	111.3	103.4	98.9
2014	54	98.5	95.8	111.3	102.9	99.1
2015	57	98.4	96.2	110.6	103.3	98.8
2016	35	98.6	96.1	110.6	103.4	99.3
2017	44	98.5	95.6	111.0	103.2	99.0

2018	29	99.1	95.9	111.2	103.7	99.5
2019	35	99.2	96.7	110.6	103.2	99.4
2020	24	99.0	96.0	111.3	103.9	99.3
2021	30	98.7	95.7	111.3	103.4	99.0

Tabel: 265 Fleck Vieh: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: NL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1989 102.1	14	100.2	100.3	102.4	101.4	96.3	98.6	98.1
1990 100.5	19	98.7	98.4	102.8	100.2	93.7	97.2	96.5
1992 100.3	21	98.5	98.5	102.0	99.7	94.3	97.4	96.7
1993 100.0	23	97.3	97.8	101.8	98.6	93.1	97.3	96.3
1994 100.3	32	97.3	97.8	103.0	98.5	92.9	97.4	96.4
1995 100.2	48	98.3	98.0	101.8	99.4	93.2	97.0	95.9
1996 100.5	30	98.9	98.7	101.7	100.0	93.1	96.8	96.0
1997 100.5	40	99.0	98.5	101.3	100.2	93.5	97.0	96.1
1998 100.6	46	98.4	98.8	102.6	99.3	94.2	97.7	96.9
1999 100.5	78	98.3	99.0	101.8	99.5	94.1	97.7	97.0
2000 100.8	43	98.6	99.2	103.0	99.7	94.1	98.2	97.6
2001 100.8	69	99.4	99.5	102.5	100.2	94.2	98.2	97.6
2002 101.7	89	99.5	99.7	102.6	100.5	94.4	97.9	97.6
2003 100.6	88	99.0	98.8	102.5	99.7	94.0	97.2	96.7
2004 100.5	74	99.1	99.2	102.6	100.1	93.8	97.6	97.1
2005 100.3	134	98.4	98.5	102.2	99.6	93.2	97.1	96.6
2006 100.2	93	98.5	98.8	101.6	99.6	93.4	97.7	97.0
2007 100.1	83	98.4	99.1	102.0	99.4	93.5	97.9	97.4

2008	95	98.8	98.5	101.8	99.8	93.8	97.4	96.6
100.8								
2009	70	98.8	100.0	102.3	99.9	93.2	98.0	97.8
101.1								
2010	80	98.9	98.6	102.0	100.0	93.4	97.0	96.5
100.2								
2011	52	98.1	98.6	103.1	99.0	92.7	97.0	96.7
100.6								
2012	54	98.7	99.5	101.0	99.2	93.2	97.5	97.2
99.2								
2013	76	99.0	99.6	101.6	99.6	94.0	97.7	97.3
100.1								
2014	54	98.6	98.7	102.2	99.4	93.5	97.0	96.6
100.0								
2015	57	99.3	100.3	101.6	99.9	94.3	97.9	97.7
100.8								
2016	35	99.6	99.9	100.7	100.4	94.2	97.4	97.0
100.7								
2017	44	99.2	99.8	101.5	99.8	94.2	97.8	97.2
100.4								
2018	29	100.4	100.2	101.5	100.2	95.6	98.3	97.7
100.9								
2019	35	99.5	100.2	101.3	100.1	95.1	98.1	97.7
101.2								
2020	24	101.2	101.1	100.6	101.3	96.9	99.0	98.4
101.2								
2021	30	101.2	101.4	100.1	101.4	96.2	98.8	98.4
101.5								

Tabel: 266 Fleck Vieh: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1989	14	97.6	95.6	98.7	97.6	107.2	95.7
1990	19	99.8	97.0	95.4	98.6	107.6	95.5
1992	21	99.3	96.9	95.6	98.7	106.7	95.5
1993	23	99.8	97.8	94.3	100.8	108.3	96.7
1994	32	100.4	98.5	94.1	101.1	108.9	97.1
1995	48	99.2	97.7	94.8	99.4	108.1	95.7
1996	30	100.0	98.1	95.1	100.1	109.1	96.6
1997	40	99.4	97.2	95.4	98.8	108.3	95.7
1998	46	99.0	97.7	95.6	100.4	108.2	96.8
1999	78	99.5	97.5	95.7	99.7	107.8	96.4
2000	43	98.6	97.0	96.1	99.5	107.9	96.3
2001	69	98.3	96.8	96.6	99.7	107.2	96.6
2002	89	96.4	94.6	96.8	98.2	106.7	94.8
2003	88	98.4	96.2	95.5	98.7	107.2	95.3

2004	74	98.0	95.9	96.0	98.7	107.5	95.4
2005	134	98.2	95.6	95.0	98.5	107.1	94.8
2006	93	99.3	96.6	95.5	98.8	107.8	95.6
2007	83	99.1	96.6	95.6	99.1	107.5	95.8
2008	95	98.6	96.5	95.5	99.3	107.4	95.8
2009	70	98.3	96.0	96.0	99.1	107.4	95.7
2010	80	98.2	96.0	95.4	98.9	107.4	95.2
2011	52	98.2	96.2	94.5	99.0	107.3	94.9
2012	54	100.5	97.8	95.4	99.4	108.4	96.4
2013	76	100.1	97.4	96.1	99.3	107.5	96.5
2014	54	99.6	97.2	95.0	99.4	107.4	95.9
2015	57	100.5	97.4	96.6	99.1	107.1	96.7
2016	35	100.0	97.5	96.5	99.5	107.0	96.7
2017	44	100.2	97.2	96.3	99.2	106.7	96.5
2018	29	100.8	97.9	97.6	99.7	107.1	97.7
2019	35	99.6	97.3	97.0	100.0	106.8	97.2
2020	24	102.2	99.0	99.2	99.8	107.4	99.0
2021	30	101.3	98.0	99.1	99.4	107.3	98.3

Tabel: 267 Fleck Vies: Vruchtbaarheidskenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1984	12	99.1	103.1	99.8	101.4	100.9	97.1	98.8	101.5
100.2									
1985	25	98.0	103.8	99.4	101.7	100.2	96.2	98.6	101.6
99.9									
1986	24	98.8	103.1	99.9	101.6	100.7	96.4	98.4	101.7
100.1									
1987	55	98.7	103.5	100.1	101.8	100.8	96.4	98.9	101.9
100.2									
1988	49	98.5	103.8	100.2	101.9	100.7	96.4	99.1	102.1
100.4									
1989	38	98.2	103.8	99.9	101.9	100.5	96.8	98.9	101.9
100.2									
1990	45	98.6	103.9	100.4	102.2	100.8	96.8	99.3	102.3
100.6									
1991	38	98.8	103.8	100.4	102.2	101.0	96.7	99.1	102.2
100.7									
1992	45	97.7	103.7	99.3	101.4	99.7	96.6	99.1	101.4
99.7									
1993	53	98.0	103.8	99.7	101.5	100.0	96.8	98.5	101.7
99.9									

1994 100.6	64	98.4	104.2	100.5	102.3	100.8	96.8	98.9	102.6
1995 100.7	93	98.8	103.8	100.6	102.1	100.9	97.0	98.1	102.3
1996 100.6	89	98.7	103.9	100.6	102.2	100.8	96.9	97.8	102.4
1997 100.4	85	98.3	103.8	100.3	102.0	100.4	96.8	98.1	102.1
1998 99.5	154	97.4	103.6	99.3	101.2	99.2	96.8	97.4	101.4
1999 99.7	203	97.4	103.7	99.5	101.3	99.3	96.7	97.7	101.6
2000 99.5	177	96.9	104.1	99.4	101.4	99.0	96.3	97.2	101.7
2001 99.5	316	96.9	104.2	99.4	101.4	98.8	96.4	96.9	101.8
2002 98.7	416	96.3	103.8	98.6	100.6	97.7	96.5	95.7	101.1
2003 98.9	461	96.5	103.9	98.8	100.7	98.0	96.3	96.0	101.2
2004 99.6	454	97.1	104.2	99.5	101.5	99.1	96.4	96.8	101.8
2005 99.0	951	96.7	103.8	98.8	101.0	98.4	96.0	97.0	101.3
2006 98.9	665	96.6	103.8	98.7	100.9	98.3	95.8	97.0	101.1
2007 98.6	613	96.5	103.5	98.5	100.8	98.2	95.4	97.5	100.9
2008 98.5	827	96.6	103.2	98.4	100.5	98.0	95.5	97.7	100.7
2009 99.9	678	97.7	103.6	99.9	101.7	99.6	97.0	99.7	101.8
2010 99.8	1026	97.8	103.3	99.8	101.4	99.6	97.1	99.8	101.5
2011 100.1	869	97.9	103.5	100.0	101.8	99.9	97.1	100.3	101.8
2012 100.3	1100	98.3	103.3	100.3	102.0	100.4	97.1	101.0	101.9
2013 100.5	1116	98.6	103.3	100.5	102.1	100.7	97.0	101.1	102.0
2014 100.5	1332	98.9	102.9	100.5	101.9	100.8	97.4	101.6	101.8
2015 100.6	1313	98.8	103.0	100.6	102.1	101.0	97.2	101.9	102.0
2016 100.4	1361	98.8	102.7	100.5	101.7	100.8	97.1	101.8	101.7
2017 100.5	1302	99.0	102.6	100.7	101.7	101.0	97.2	101.8	101.7
2018 101.0	1106	99.3	102.8	101.2	102.2	101.6	97.4	102.0	102.2

2019	1206	99.4	102.9	101.3	102.3	101.8	97.5	102.5	102.3
101.2									
2020	1336	99.1	102.7	101.0	102.1	101.5	97.3	102.4	102.0
100.9									
2021	1222	99.0	102.7	100.9	102.1	101.5	97.4	102.6	102.0
100.9									
2022	734	98.7	102.8	100.9	102.0	101.3	97.0	102.8	102.0
100.7									

Tabel: 268 Fleck Vies: Gebruikskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	15	97.3	97.0	100.6	103.1	102.4
1992	20	98.0	98.6	100.3	102.6	101.6
1993	31	97.8	98.6	100.9	103.3	101.6
1994	36	97.1	98.8	100.6	102.7	101.5
1995	59	96.6	98.4	100.3	102.8	101.4
1996	39	96.6	98.0	100.3	103.1	101.9
1997	47	96.8	97.5	100.5	103.0	101.4
1998	41	96.8	99.8	99.8	102.7	101.4
1999	88	97.7	98.5	99.6	102.6	101.3
2000	44	96.7	97.4	99.6	102.6	101.3
2001	75	97.0	97.8	99.4	102.6	103.0
2002	83	96.9	98.4	99.0	102.5	103.3
2003	91	96.8	98.7	99.0	102.8	102.3
2004	95	97.0	98.4	99.6	102.8	102.6
2005	170	97.8	98.6	99.4	101.9	102.0
2006	120	97.5	98.1	99.9	102.6	101.7
2007	118	97.5	99.0	99.6	101.5	100.8
2008	155	97.5	99.4	99.7	101.8	101.2
2009	124	97.1	100.0	99.8	101.9	101.2
2010	140	97.5	99.0	100.1	102.2	101.5
2011	116	96.8	99.3	100.8	102.4	101.5
2012	177	97.8	99.0	100.9	102.8	101.4
2013	142	97.8	98.3	101.4	103.2	101.6
2014	146	97.4	98.8	101.3	103.0	101.2
2015	183	98.1	98.4	101.6	103.2	101.3
2016	152	97.6	98.8	102.0	103.4	101.4
2017	181	97.6	99.6	102.3	103.7	101.6
2018	136	98.2	98.8	102.5	104.0	101.6
2019	191	98.5	99.0	102.9	104.5	101.7
2020	245	99.6	99.2	102.9	104.6	101.8
2021	95	100.0	98.9	103.2	104.7	101.9



Tabel: 269 Fleck Vieh: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1984 0.0	14	-56.9	-211.4	-243.0	103.8	100.2	98.0	99.0	100.0
1985 50.3	34	-42.6	-165.2	-5.0	103.0	99.9	93.0	101.0	102.0
1986 17.9	30	-9.7	-101.3	357.7	103.5	100.1	95.6	99.8	99.8
1987 29.6	60	-19.5	-122.1	371.3	102.8	100.2	96.2	97.2	99.0
1988 31.5	61	-27.6	-144.8	135.7	102.8	100.4	98.0	98.4	102.0
1989 33.1	46	-30.9	-164.8	21.2	102.7	100.2	98.7	97.6	98.9
1990 9.3	50	-13.7	-127.4	251.3	103.0	100.6	95.4	98.6	99.7
1991 14.6	36	-13.4	-126.2	34.6	103.1	100.7	96.2	97.5	100.3
1992 12.2	50	-15.1	-124.5	302.8	102.2	99.7	95.6	98.7	99.4
1993 -0.2	53	-2.9	-111.2	305.8	102.7	99.9	94.3	100.8	100.2
1994 3.1	73	-7.2	-124.5	344.0	102.2	100.6	94.1	101.1	100.5
1995 -9.0	94	-0.3	-98.7	387.4	102.3	100.7	94.8	99.4	100.8
1996 27.4	106	-9.8	-149.9	408.1	102.6	100.6	95.1	100.1	101.0
1997 13.0	101	-4.4	-117.3	356.6	102.4	100.4	95.4	98.8	100.7
1998 48.4	189	-23.3	-186.3	375.0	102.2	99.5	95.6	100.4	100.1
1999 36.8	248	-22.6	-180.3	363.4	102.1	99.7	95.7	99.7	100.3
2000 58.6	215	-28.4	-198.5	353.6	102.0	99.5	96.1	99.5	100.5
2001 74.5	452	-31.8	-230.6	328.5	103.2	99.5	96.6	99.7	100.6
2002 80.0	528	-36.6	-230.3	290.9	103.3	98.7	96.8	98.2	100.0
2003 67.3	556	-38.3	-226.9	161.4	102.7	98.9	95.5	98.7	100.0

2004	463	-16.4	-148.5	43.7	103.0	99.6	96.0	98.7	100.1
22.4									
2005	948	-28.2	-149.9	41.4	102.2	99.0	95.0	98.5	100.2
23.1									
2006	623	-5.9	-111.5	91.5	102.3	98.9	95.5	98.8	100.2
10.6									
2007	563	-12.4	-88.2	110.7	101.2	98.6	95.6	99.1	100.3
10.9									
2008	725	-6.1	-75.4	117.4	101.6	98.5	95.5	99.3	100.2
8.4									
2009	604	8.8	-64.2	98.0	101.7	99.9	96.0	99.1	100.1
4.2									
2010	868	13.5	-52.1	105.6	102.0	99.8	95.4	98.9	100.1
8.3									
2011	739	29.1	1.7	89.1	102.1	100.1	94.5	99.0	100.3
-19.5									
2012	874	39.3	37.0	72.7	102.2	100.3	95.4	99.4	100.9
-32.0									
2013	922	49.3	69.5	80.5	102.5	100.5	96.1	99.3	101.1
-43.6									
2014	1064	58.5	83.9	103.4	102.2	100.5	95.0	99.4	101.1
-35.3									
2015	1002	67.0	114.4	110.8	102.3	100.6	96.6	99.1	101.3
-44.7									
2016	1023	74.7	129.8	128.8	102.5	100.4	96.5	99.5	101.1
-41.7									
2017	1026	91.9	155.5	164.0	102.8	100.5	96.3	99.2	101.3
-40.1									
2018	875	100.3	174.5	172.0	103.0	101.0	97.6	99.7	101.4
-41.8									
2019	991	112.6	200.4	177.6	103.3	101.2	97.0	100.0	101.6
-42.9									
2020	1068	114.7	220.1	187.8	103.3	100.9	99.2	99.8	101.9
-46.2									
2021	999	123.3	242.3	207.4	103.5	100.9	99.1	99.4	102.2
-62.1									
2022	209	134.1	254.5	229.0	103.7	100.7	103.5	102.0	102.4
-77.1									

Tabel: 270 Fleck Vieh: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	13	93.8	91.6	97.0	99.0	97.7	103.1	96.2
2001	16	94.0	88.8	98.7	100.5	96.4	104.8	94.8
2003	26	95.1	92.0	98.3	100.8	98.3	103.9	96.0

2004	35	95.7	91.2	99.1	101.3	97.8	104.3	96.3
2005	58	94.9	90.8	98.6	100.9	97.5	104.1	95.9
2006	42	95.0	90.0	99.6	101.2	97.2	104.8	94.8
2007	52	96.1	91.6	99.4	100.9	98.5	105.0	96.3
2008	72	95.2	91.3	98.3	100.4	98.6	104.9	96.3
2009	48	94.8	90.8	98.5	100.5	97.4	104.5	95.8
2010	76	95.2	91.8	98.1	100.2	98.6	104.5	96.3
2011	51	94.5	90.5	98.3	100.3	97.0	104.3	95.9
2012	73	95.2	91.2	98.6	100.7	98.4	104.7	95.5
2013	91	94.5	91.8	97.5	99.7	98.1	103.9	96.5
2014	88	94.8	91.6	98.0	99.9	98.4	104.4	96.2
2015	101	94.5	91.5	97.8	99.7	98.0	104.0	96.2
2016	92	94.5	91.9	97.5	99.4	98.2	103.8	96.4
2017	140	94.3	91.8	97.2	99.2	98.2	103.8	96.8
2018	85	94.8	91.5	98.1	99.9	98.0	104.4	96.2
2019	96	95.0	91.8	98.1	99.9	98.2	104.2	96.6
2020	97	94.4	90.7	98.2	99.7	97.6	104.1	95.7
2021	93	94.2	90.5	98.2	99.8	97.4	103.8	95.7
2022	14	94.6	91.2	98.5	99.5	98.4	104.1	95.5

Tabel: 271 Fleck Vlees: Levensvatbaarheidskenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1990	13	98.5	101.7	98.5	101.7	101.1	103.2
1992	22	98.0	101.9	98.0	101.9	100.7	103.1
1993	36	97.9	102.9	97.9	102.9	101.0	104.4
1994	46	98.8	102.8	98.8	102.8	101.2	104.0
1995	73	98.8	103.0	98.8	103.0	100.8	103.9
1996	60	98.9	103.0	98.9	103.0	100.9	104.2
1997	61	98.9	102.8	98.9	102.8	100.8	104.0
1998	84	98.4	102.3	98.4	102.3	100.5	103.3
1999	117	98.6	102.2	98.6	102.2	100.5	103.5
2000	80	99.6	102.2	99.6	102.2	101.5	104.1
2001	137	99.5	102.1	99.5	102.1	101.3	103.1
2002	161	98.6	101.7	98.6	101.7	100.8	102.5
2003	188	98.2	101.8	98.2	101.8	100.5	103.1
2004	206	98.6	101.8	98.6	101.8	100.7	103.2
2005	398	98.5	101.8	98.5	101.8	100.4	103.3
2006	329	98.3	101.9	98.3	101.9	100.1	103.2
2007	390	98.6	102.0	98.6	102.0	100.5	103.3
2008	572	98.4	102.0	98.4	102.0	100.6	103.2
2009	566	98.2	102.0	98.2	102.0	100.5	103.2
2010	802	98.5	101.9	98.5	101.9	100.9	103.1
2011	746	98.4	102.1	98.4	102.1	100.8	103.1
2012	1043	98.8	102.5	98.8	102.5	101.2	103.7
2013	1153	99.0	102.7	99.0	102.7	101.3	103.7

2014	1416	99.0	102.6	99.0	102.6	101.2	103.6
2015	1680	99.2	102.8	99.2	102.8	101.2	103.7
2016	1783	98.8	102.7	98.8	102.7	100.9	103.5
2017	1725	98.8	102.8	98.8	102.8	100.9	103.6
2018	1583	98.7	103.0	98.7	103.0	100.9	104.0
2019	1562	98.9	103.1	98.9	103.1	101.1	104.0
2020	1637	99.2	103.2	99.2	103.2	101.3	103.9
2021	1764	99.7	103.3	99.7	103.3	101.8	104.0
2022	1797	99.9	103.4	99.9	103.4	102.1	104.1
2023	1800	100.1	103.4	100.1	103.4	102.3	104.1
2024	732	100.1	103.4	100.1	103.4	102.5	104.0

Tabel: 272 Fleck Vies: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	12	88.8	111.5	115.4	111.1	91.4	92.0
1990	22	89.5	112.5	115.6	113.2	91.1	91.6
1992	27	89.9	112.6	114.8	112.0	92.9	92.8
1993	38	90.2	112.7	115.2	113.2	91.3	92.4
1994	45	89.6	112.9	115.6	113.4	92.6	92.1
1995	75	90.0	112.6	115.0	113.2	91.6	91.5
1996	59	90.0	113.0	115.2	113.4	91.5	91.0
1997	63	90.2	112.4	114.9	113.0	91.3	91.4
1998	85	89.8	112.6	115.0	112.5	92.0	91.9
1999	120	90.0	112.6	115.0	112.6	91.1	91.4
2000	85	89.4	113.2	115.8	113.7	91.7	91.5
2001	136	90.0	112.3	115.2	113.5	90.6	90.8
2002	158	89.5	112.7	115.7	114.0	90.5	90.6
2003	191	89.5	113.3	115.8	114.1	90.9	90.5
2004	216	89.5	113.0	115.7	113.7	90.5	90.7
2005	384	89.6	112.5	115.8	114.2	89.5	90.2
2006	344	89.5	112.8	115.9	114.2	89.8	90.3
2007	360	89.3	113.1	116.1	114.4	89.8	90.3
2008	466	89.2	112.7	116.3	114.8	89.5	90.0
2009	472	88.9	112.6	116.6	114.8	90.0	90.3
2010	666	89.1	112.8	116.3	114.6	90.3	90.4
2011	548	89.5	112.0	115.9	114.2	90.2	90.9
2012	769	90.5	110.6	115.0	114.4	91.4	91.2
2013	876	90.7	110.9	114.8	114.1	91.3	91.3
2014	1000	91.0	110.5	114.6	114.4	91.3	91.2
2015	1107	91.5	109.9	114.0	114.1	91.7	91.3
2016	1117	91.8	110.0	113.6	114.2	91.5	90.8
2017	1158	92.2	110.2	113.1	113.5	91.6	91.2
2018	921	92.6	110.0	112.8	113.7	91.3	90.8
2019	891	92.8	109.8	112.5	113.9	91.6	90.8
2020	844	93.4	109.4	111.9	113.9	91.7	90.5

2021	848	93.6	109.2	111.8	114.1	91.1	90.5
2022	813	93.8	109.7	111.6	114.0	90.2	90.2
2023	649	94.2	109.0	111.2	114.2	91.3	90.4
2024	298	94.3	109.1	111.0	113.8	91.7	90.9

Tabel: 273 Fleck Vies: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1987	15	105.0	111.5	101.1	107.1	106.9	102.1	103.5	98.5	109.9
100.1	110.9									
1989	14	105.1	111.4	101.1	107.8	106.4	102.4	103.9	98.4	109.4
101.0	110.9									
1990	24	105.5	112.4	100.0	108.4	107.1	102.0	104.0	98.3	110.1
100.3	111.7									
1991	15	105.5	113.7	99.9	109.1	107.7	102.0	103.9	98.0	110.9
100.5	111.7									
1992	33	105.3	112.4	100.7	108.4	106.5	102.8	103.3	99.1	109.9
100.7	111.5									
1993	42	105.4	115.1	101.2	108.6	109.0	103.2	102.8	98.8	113.1
100.5	112.1									
1994	55	105.4	114.7	101.6	108.9	108.2	103.1	103.1	98.5	112.4
101.0	111.9									
1995	77	105.1	113.8	101.8	108.5	107.5	103.1	103.1	98.3	111.7
101.2	111.3									
1996	63	105.5	114.6	101.1	108.7	108.4	102.7	103.1	98.9	112.5
100.6	111.7									
1997	66	105.0	114.3	101.2	108.5	108.0	102.7	103.2	98.0	112.2
100.8	111.3									
1998	105	104.9	115.4	101.2	108.9	108.4	103.1	102.7	98.1	112.9
100.9	111.0									
1999	145	105.3	114.9	101.7	108.8	108.7	103.0	102.9	98.3	112.9
101.1	111.1									
2000	111	105.0	116.0	101.2	108.7	108.9	102.8	102.3	98.4	113.6
100.5	111.2									
2001	163	105.3	116.4	101.2	109.0	109.7	102.5	102.8	97.8	114.2
100.6	111.2									
2002	235	105.3	117.3	101.5	109.5	110.0	102.8	102.6	97.8	114.8
100.9	111.2									
2003	271	104.2	115.9	102.2	108.7	108.4	103.1	101.5	98.2	113.6
100.5	110.7									
2004	288	104.8	116.1	101.7	109.2	108.7	103.0	102.2	98.1	113.4
100.7	111.2									

2005	630	105.0	116.3	102.0	108.9	109.5	103.0	102.4	97.7	113.9
		100.9	111.2							
2006	446	104.5	115.0	102.5	108.1	108.5	103.1	102.1	97.9	113.0
		100.6	111.0							
2007	362	104.9	114.9	102.2	108.4	108.5	102.9	102.4	98.4	112.7
		100.5	111.3							
2008	395	104.9	114.8	101.9	108.6	108.2	102.9	102.5	98.3	112.5
		100.8	111.3							
2009	308	104.9	114.8	101.6	109.1	107.7	103.1	102.8	98.1	112.0
		101.3	111.2							
2010	320	104.7	113.7	101.9	108.3	107.4	103.0	102.8	98.0	111.5
		101.2	111.1							
2011	198	105.0	112.7	101.5	108.2	107.0	102.7	103.4	98.2	110.6
		101.1	110.8							
2012	149	105.3	110.9	101.6	108.1	106.1	102.5	104.4	98.2	109.1
		101.3	111.1							
2013	121	105.1	110.2	101.7	107.8	105.4	102.9	103.8	99.0	108.7
		101.1	111.0							
2014	79	104.9	110.0	101.6	107.6	105.5	102.6	103.9	98.4	108.5
		101.0	110.6							
2015	58	104.9	109.1	101.4	107.8	104.7	102.1	104.4	98.1	107.6
		100.8	110.7							
2016	32	104.5	108.3	101.5	106.9	104.4	102.3	103.8	98.4	107.2
		101.2	109.6							
2017	40	104.8	108.8	101.7	106.9	105.0	102.2	104.0	98.5	107.5
		101.3	109.6							
2018	27	104.3	109.2	101.5	107.2	104.7	102.1	103.4	98.2	107.6
		100.6	109.8							
2019	33	104.6	109.3	101.5	106.9	105.4	102.2	103.3	98.7	108.3
		100.8	109.7							
2020	23	105.4	107.1	102.2	106.9	104.3	102.0	105.0	99.0	106.3
		100.8	110.8							
2021	28	104.9	107.2	101.7	106.4	104.3	102.2	104.2	99.1	106.4
		101.2	109.7							

Tabel: 274 Fleck Vieh: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	14	94.4	96.1	92.3
1992	24	93.5	95.2	91.9
1993	35	93.1	95.3	91.0
1994	49	92.9	95.2	91.7
1995	76	93.7	95.9	91.7
1996	62	93.9	96.3	91.7
1997	65	93.9	95.8	92.2

1998	87	93.9	95.9	92.6
1999	120	94.0	95.9	92.9
2000	84	91.9	93.4	93.1
2001	138	92.3	93.9	92.7
2002	165	92.2	93.7	93.2
2003	197	93.9	95.5	93.6
2004	207	93.8	95.4	93.4
2005	409	93.6	95.2	93.4
2006	335	94.4	96.0	93.7
2007	406	94.3	95.9	93.7
2008	604	94.3	96.1	93.3
2009	611	93.9	95.7	93.2
2010	835	93.9	95.6	93.3
2011	767	94.7	96.2	93.8
2012	1085	94.7	96.4	93.4
2013	1223	95.1	96.7	93.5
2014	1510	95.1	96.7	93.6
2015	1779	94.9	96.5	93.4
2016	1896	95.1	96.7	93.4
2017	1840	95.6	97.2	93.8
2018	1755	95.9	97.4	93.7
2019	1675	95.9	97.6	93.7
2020	1777	96.1	97.6	94.0
2021	1957	96.0	97.4	94.0
2022	2097	96.2	97.5	94.1
2023	2110	96.5	97.7	94.4
2024	796	96.6	97.7	94.5

Tabel: 275 Fleck Vieh: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	191	956.8	4554.0	144.6	121.6
2002	230	605.8	3078.8	98.7	72.0
2003	311	-215.9	178.7	-28.1	-30.6
2004	351	-735.5	-1742.7	-112.5	-92.6
2005	744	-782.4	-1991.5	-116.6	-100.6
2006	530	-291.1	-179.3	-41.8	-38.5
2007	446	-53.0	622.4	-6.9	-7.5
2008	588	39.7	1046.2	5.0	5.8
2009	523	-46.4	710.4	-6.2	-6.5
2010	758	55.7	1215.1	8.9	6.8
2011	671	127.2	1516.2	17.2	17.6
2012	830	175.4	1577.8	27.6	21.5
2013	894	356.5	2212.4	55.5	44.2
2014	1012	585.1	3089.2	91.1	72.5
2015	975	763.1	3706.9	119.3	94.2

2016	971	955.8	4504.2	149.9	117.7
2017	1021	1330.6	5864.7	209.5	163.3
2018	858	1499.3	6430.6	234.9	184.8
2019	989	1636.5	6814.5	257.3	201.1
2020	1062	1803.8	7477.9	284.9	220.7
2021	1011	2050.0	8093.4	324.2	250.5
2022	212	2257.1	8778.5	360.9	273.1

Tabel: 276 Fleck Vieh: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1990	13	94.0	103.5	95.5	93.9
1992	20	94.8	104.0	95.6	94.7
1993	31	95.0	103.7	95.6	94.9
1994	37	94.4	103.4	95.4	93.7
1995	60	95.2	103.9	95.3	94.8
1996	45	94.4	104.1	95.3	94.3
1997	55	94.9	104.0	95.6	94.8
1998	55	94.5	103.8	95.7	94.3
1999	83	95.2	104.0	95.7	95.2
2000	51	94.8	103.8	95.3	94.2
2001	89	95.3	104.3	95.0	94.9
2002	95	94.2	104.8	95.5	94.8
2003	96	94.0	104.4	95.6	94.4
2004	106	94.4	104.0	95.1	94.2
2005	184	94.9	103.0	95.6	94.1
2006	157	95.1	104.4	94.8	94.6
2007	177	95.0	103.8	95.2	94.2
2008	245	94.8	103.4	95.1	93.8
2009	220	94.3	103.2	95.6	93.6
2010	353	94.4	102.8	95.6	93.5
2011	315	93.9	103.1	95.7	93.4
2012	392	95.2	103.4	95.2	94.4
2013	362	95.4	103.9	94.9	94.8
2014	399	95.6	104.6	94.9	95.3
2015	428	96.3	105.3	94.6	96.1
2016	459	96.4	106.0	94.7	96.9
2017	442	96.6	106.8	94.6	97.4
2018	418	97.3	107.7	94.5	98.5
2019	464	97.6	108.7	94.9	99.6
2020	508	98.4	109.8	94.3	100.6
2021	495	99.6	110.5	94.0	102.0
2022	154	99.9	111.1	94.3	103.0



Tabel: 277 Fleck Vieh: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1984	14	96.1	98.8	0	0.0	0.0	0	0.0
1985	34	96.6	98.9	34	-1.4	50.3	0	0.0
1986	30	96.8	98.1	30	-0.7	17.9	0	0.0
1987	60	96.8	98.3	60	-0.9	29.6	0	0.0
1988	61	96.7	98.3	62	-1.1	31.5	0	0.0
1989	46	96.7	98.7	46	-1.2	33.1	0	0.0
1990	50	96.1	98.4	49	-0.8	9.3	0	0.0
1991	36	96.8	98.8	36	-0.8	14.6	0	0.0
1992	50	95.9	98.6	48	-0.7	12.2	0	0.0
1993	53	96.2	98.5	53	-0.6	-0.2	0	0.0
1994	73	96.1	98.1	72	-0.7	3.1	0	0.0
1995	94	95.9	97.6	91	-0.4	-9.0	0	0.0
1996	106	95.5	98.2	106	-1.1	27.4	0	0.0
1997	101	96.0	98.3	96	-0.8	13.0	0	0.0
1998	189	95.2	98.5	172	-1.5	48.4	0	0.0
1999	248	95.1	98.5	221	-1.3	36.8	0	0.0
2000	215	95.1	98.8	180	-1.7	58.6	0	0.0
2001	452	95.0	99.0	382	-2.1	74.5	54	104.7
2002	528	95.7	98.2	424	-2.2	80.0	59	102.5
2003	556	95.5	98.1	431	-2.0	67.3	66	103.6
2004	463	94.9	98.7	294	-1.1	22.4	64	103.6
2005	948	95.2	98.2	589	-1.1	23.1	119	103.1
2006	623	96.0	98.6	380	-0.7	10.6	88	104.4
2007	563	95.9	98.8	292	-0.6	10.9	74	104.0
2008	725	96.0	98.4	298	-0.5	8.4	84	103.9
2009	604	95.9	98.2	209	-0.4	4.2	63	103.6
2010	868	96.2	98.3	259	-0.4	8.3	76	103.0
2011	739	96.0	97.9	167	0.2	-19.5	49	103.5
2012	874	96.6	97.5	167	0.5	-32.0	54	105.6
2013	922	96.7	97.5	155	0.9	-43.6	75	104.7
2014	1064	97.1	97.7	157	0.8	-35.3	50	104.7
2015	1002	97.2	97.5	121	1.0	-44.7	55	104.5
2016	1023	97.5	97.8	139	1.1	-41.7	34	104.6
2017	1026	97.9	97.7	125	1.2	-40.1	44	103.6
2018	875	98.4	97.6	101	1.3	-41.8	28	104.7
2019	991	98.5	97.8	100	1.5	-42.9	34	103.5
2020	1068	98.8	97.7	126	1.6	-46.2	24	106.2
2021	999	99.1	97.3	93	1.9	-62.1	30	104.8
2022	209	99.3	97.1	19	2.3	-77.1	2	104.0

Tabel: 278 Fleck Vieh: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	10	99.8	0	0.0	0	0.0	10	95.4
1987	13	99.8	0	0.0	0	0.0	13	95.2
1988	11	99.8	0	0.0	0	0.0	11	95.5
1989	17	99.6	0	0.0	0	0.0	17	93.7
1990	28	99.9	1	103.0	2	99.5	28	95.4
1991	19	100.1	1	105.0	1	103.0	19	95.0
1992	32	99.8	0	0.0	0	0.0	32	94.7
1993	43	99.9	1	103.0	1	101.0	43	94.4
1994	47	99.7	0	0.0	2	99.5	47	94.4
1995	78	99.6	2	99.0	5	99.8	78	94.9
1996	60	99.9	2	103.5	2	100.5	60	95.3
1997	70	99.7	3	102.0	5	100.4	70	94.8
1998	92	99.7	2	102.0	3	101.7	92	94.4
1999	128	99.6	3	100.7	3	101.3	128	94.1
2000	108	99.6	0	0.0	1	99.0	108	94.3
2001	144	99.5	6	100.5	12	99.7	144	93.7
2002	181	99.7	7	102.1	10	99.8	181	94.3
2003	217	99.7	15	102.0	17	100.4	217	93.4
2004	203	99.6	8	102.6	12	100.6	203	93.5
2005	370	99.6	18	100.6	23	101.1	370	93.3
2006	357	99.5	22	101.1	30	100.2	357	93.4
2007	362	99.7	20	101.0	30	101.6	362	93.8
2008	521	99.8	31	101.5	33	100.4	521	93.8
2009	475	99.8	32	100.9	35	100.3	475	94.0
2010	663	99.8	31	102.1	36	101.0	663	93.8
2011	567	99.7	10	100.4	12	100.0	567	94.1
2012	656	100.0	27	101.7	36	100.1	656	94.5
2013	696	100.1	40	101.5	50	99.7	696	94.5
2014	808	99.9	41	100.3	49	99.5	808	94.5
2015	771	99.9	18	101.7	22	99.5	771	94.6
2016	782	99.9	18	99.9	26	98.9	782	94.6
2017	787	99.7	20	100.8	29	97.8	787	94.6
2018	737	99.7	16	100.4	39	99.8	737	95.0
2019	836	99.8	15	101.1	41	100.1	836	95.4
2020	939	99.8	3	101.3	23	100.4	939	95.4
2021	853	99.8	1	103.0	29	100.2	853	95.6
2022	185	99.8	0	0.0	0	0.0	185	95.6

Tabel: 279 Fleck Vieh: Reproductiestoornissen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	11	104.3	101.5	106.8	101.4	106.0	104.9
1995	37	103.7	100.9	106.4	101.0	105.9	104.3

1996	20	103.7	100.8	106.5	101.0	105.8	104.3
1997	31	103.5	100.6	106.2	100.7	105.9	104.3
1998	15	102.6	100.1	105.4	100.3	105.0	103.5
1999	32	103.6	100.9	106.0	101.0	105.8	104.2
2000	17	103.5	100.5	106.4	100.9	105.6	105.1
2001	53	103.3	100.2	105.9	100.8	105.5	104.6
2002	47	103.0	100.0	105.6	100.1	105.9	104.4
2003	48	103.6	100.9	106.3	100.7	106.1	105.0
2004	46	103.5	100.5	106.0	100.9	105.8	104.9
2005	76	103.8	100.9	106.4	101.0	106.2	104.9
2006	70	103.3	100.3	106.2	100.4	106.2	104.4
2007	60	103.8	100.9	106.2	101.0	106.3	104.9
2008	80	103.5	100.5	105.9	101.0	105.7	104.4
2009	60	103.7	100.7	106.1	101.2	105.8	104.4
2010	91	103.5	100.5	106.0	100.8	105.9	104.6
2011	67	103.2	100.3	105.6	100.9	105.3	104.1
2012	101	102.3	99.4	105.2	99.7	105.5	103.5
2013	131	102.5	99.8	105.1	99.9	105.3	103.7
2014	150	102.4	99.6	105.2	100.0	105.3	103.5
2015	103	101.9	99.2	104.6	99.5	104.9	103.2
2016	103	101.7	98.9	104.5	99.1	105.0	102.9
2017	133	102.3	99.6	104.8	99.8	105.2	103.5
2018	104	102.7	100.0	105.2	100.0	105.6	103.9
2019	111	101.9	99.2	104.3	99.5	105.0	103.2
2020	114	101.8	99.3	104.3	99.3	105.1	103.1
2021	52	102.3	99.5	104.8	99.8	105.0	103.4

Tabel: 280 Brown Swiss: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1982	10	-1964.2	-82.3	-70.0	-88.4	9.7	1.2	1.6	-547.9
1985	12	-1720.5	-74.2	-62.2	-77.3	5.0	-0.4	1.3	-489.8
1986	10	-2072.9	-82.1	-72.3	-93.5	18.0	3.6	1.4	-557.3
1987	12	-2042.6	-81.8	-71.2	-92.0	16.8	3.5	1.6	-551.7
1988	20	-2055.7	-82.2	-71.1	-92.6	17.1	4.7	1.6	-552.2
1989	30	-1817.5	-73.6	-63.7	-81.7	12.2	2.6	1.6	-494.9
1990	61	-1958.0	-78.4	-68.6	-88.1	15.6	2.9	1.7	-530.3
1991	50	-2059.6	-81.3	-72.1	-92.8	18.2	3.4	1.7	-553.8
1992	58	-1971.7	-79.1	-67.9	-88.8	15.4	4.8	1.5	-529.4
1993	74	-2069.9	-81.0	-71.7	-93.3	19.7	4.8	1.6	-551.4
1994	85	-1865.8	-76.0	-64.1	-83.9	12.0	4.8	1.6	-503.6
1995	118	-1810.2	-73.3	-61.8	-81.3	12.2	5.1	1.7	-485.9
1996	76	-1838.5	-73.0	-63.1	-82.7	15.2	5.0	1.6	-490.4
1997	90	-1761.4	-72.3	-61.8	-79.2	10.2	2.6	1.5	-482.5
1998	122	-1828.0	-73.3	-63.1	-82.2	13.6	4.2	1.7	-491.3
1999	166	-1772.5	-72.2	-60.6	-79.7	11.4	5.0	1.6	-477.2

2000	130	-1808.2	-73.9	-62.2	-80.7	11.3	4.6	2.6	-489.4
2001	202	-1814.8	-73.3	-61.4	-80.2	12.8	6.4	3.9	-484.1
2002	152	-1813.5	-72.8	-61.1	-79.7	13.7	6.7	4.7	-481.1
2003	149	-1725.8	-68.8	-58.0	-76.8	13.4	6.4	2.8	-456.0
2004	160	-1643.3	-66.8	-56.8	-73.4	10.5	3.8	2.3	-444.9
2005	132	-1601.5	-63.4	-54.8	-71.7	13.0	4.6	1.9	-425.9
2006	156	-1618.8	-65.2	-54.9	-73.0	11.6	5.3	1.1	-432.0
2007	156	-1593.4	-63.4	-53.5	-72.7	12.6	6.1	-0.2	-420.3
2008	121	-1430.7	-58.7	-49.6	-64.6	8.6	3.1	0.8	-389.7
2009	162	-1291.2	-52.7	-45.3	-58.3	8.0	1.9	0.7	-353.1
2010	164	-1282.0	-52.1	-43.7	-58.1	8.3	4.0	0.4	-344.3
2011	160	-1293.8	-51.1	-43.5	-59.3	10.3	4.7	-0.7	-340.2
2012	149	-1212.2	-48.9	-40.8	-55.7	8.4	4.3	-0.8	-322.0
2013	194	-1065.0	-45.4	-37.3	-49.0	4.0	1.8	-0.7	-296.8
2014	161	-1133.7	-47.8	-37.5	-52.0	5.1	5.1	-0.5	-304.5
2015	153	-1039.3	-43.5	-35.8	-48.0	4.6	2.5	-0.9	-284.4
2016	98	-971.7	-44.0	-34.2	-45.9	0.0	1.6	-2.3	-278.9
2017	161	-802.7	-39.0	-29.8	-37.6	-3.2	-0.7	-1.5	-245.3
2018	114	-807.8	-39.0	-28.8	-38.8	-3.0	0.8	-2.8	-241.0
2019	108	-721.0	-36.3	-26.8	-34.5	-4.6	-0.6	-2.3	-224.0
2020	139	-771.2	-35.8	-26.6	-37.1	-0.7	2.1	-2.7	-222.0
2021	117	-595.1	-28.7	-21.1	-28.9	-1.8	1.0	-2.4	-177.0
2022	34	-653.9	-26.6	-21.2	-32.8	4.1	3.4	-4.0	-171.0

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 281 Brown Swiss: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	12	91.5	96.0	91.3	88.4	104.6	101.4	87.4
1988	15	91.5	96.3	90.7	87.7	104.9	99.1	87.5
1989	13	92.3	97.5	92.5	88.5	105.8	100.1	86.9
1990	34	93.1	97.7	92.9	89.1	105.6	100.6	87.0
1991	30	93.6	96.9	92.3	89.1	104.8	101.3	86.9
1992	44	92.8	96.9	92.4	89.3	104.3	100.8	87.6
1993	45	93.4	98.0	92.9	89.2	105.6	101.0	87.0
1994	56	92.8	97.9	92.9	89.5	105.2	100.9	87.6
1995	49	93.4	98.2	93.8	89.9	105.1	100.1	86.7
1996	40	94.1	98.5	94.1	89.9	105.3	100.6	87.5
1997	36	95.2	97.8	94.7	90.7	104.4	101.8	87.6
1998	55	94.1	97.3	93.7	90.0	104.5	101.5	86.9
1999	85	94.0	97.9	93.9	90.2	104.5	101.3	87.5
2000	48	94.8	98.5	94.4	90.4	105.0	101.5	87.8
2001	68	93.8	97.5	93.6	89.7	104.6	100.7	87.2
2002	30	94.6	98.5	95.1	90.9	104.6	100.6	88.0
2003	55	93.9	98.3	93.6	89.9	105.2	101.5	87.5
2004	59	94.8	98.3	94.0	90.2	105.0	101.3	87.8

2005	44	95.7	98.5	94.8	90.9	104.6	101.0	88.0
2006	64	94.4	98.7	94.1	90.1	105.3	100.5	86.9
2007	57	95.7	99.1	94.9	90.7	104.9	100.4	88.1
2008	56	96.1	98.7	95.3	91.4	104.3	100.6	88.5
2009	71	96.6	97.9	94.9	91.4	103.7	101.3	88.4
2010	75	96.6	98.7	95.2	91.5	104.0	101.1	88.8
2011	60	96.6	99.0	95.2	91.5	104.2	100.9	88.5
2012	63	97.3	98.9	95.5	91.6	103.9	101.2	88.8
2013	79	96.8	98.6	95.0	91.5	103.8	101.6	88.4
2014	62	96.9	98.5	95.3	91.9	103.5	100.5	87.9
2015	68	97.2	97.9	94.5	91.2	103.3	101.3	88.3
2016	48	97.8	98.8	95.5	91.7	103.9	100.9	88.3
2017	81	96.9	98.1	94.7	91.5	103.6	101.5	88.0
2018	36	97.5	99.4	96.1	92.8	103.9	101.8	88.6
2019	23	98.9	99.1	97.0	93.7	102.4	100.8	88.9
2020	38	98.0	99.4	96.1	92.4	104.0	102.2	88.2
2021	30	99.7	99.8	97.9	94.5	102.9	100.9	88.1

Tabel: 282 Brown Swiss: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	12	104.2	98.6	109.1	101.3	103.7
1988	15	104.1	98.1	108.7	101.1	103.9
1989	13	104.2	97.6	110.5	100.9	103.8
1990	34	103.9	97.6	110.6	101.4	103.4
1991	30	104.3	98.3	109.5	101.2	103.6
1992	44	104.2	98.0	110.5	101.7	103.7
1993	45	103.9	98.2	110.2	101.5	103.4
1994	56	103.3	98.2	110.5	101.2	102.8
1995	49	104.3	98.1	110.9	101.6	103.8
1996	40	104.6	98.5	110.8	102.0	103.7
1997	36	104.6	97.7	111.5	101.4	103.4
1998	55	104.2	97.8	111.1	101.6	103.2
1999	85	104.3	98.3	110.6	101.5	103.4
2000	48	105.0	97.6	110.9	102.2	104.0
2001	68	104.5	97.2	111.4	101.7	103.6
2002	30	104.6	98.6	110.4	101.9	103.6
2003	55	104.0	97.1	111.5	102.2	103.6
2004	59	104.4	97.4	110.9	102.0	103.7
2005	44	104.0	97.5	111.3	101.8	103.2
2006	64	104.8	98.4	110.8	102.2	104.2
2007	57	104.5	98.0	110.9	102.4	103.6
2008	56	104.4	97.9	111.0	102.3	103.8
2009	71	104.8	97.1	111.5	101.7	104.1
2010	75	105.3	97.3	111.6	102.2	104.4
2011	60	104.8	97.5	111.3	102.6	104.0

2012	63	104.3	97.0	111.6	102.3	103.2
2013	79	105.3	96.5	111.9	102.2	104.1
2014	62	105.7	96.5	112.0	102.2	104.4
2015	68	104.2	96.4	112.4	101.1	103.2
2016	48	105.5	96.2	112.2	102.0	104.3
2017	81	105.9	96.7	111.9	102.4	104.6
2018	36	105.8	96.7	111.4	102.7	104.5
2019	23	104.9	95.4	112.8	101.7	103.4
2020	38	104.2	96.3	111.9	102.4	103.1
2021	30	104.8	97.3	110.4	103.3	103.5

Tabel: 283 Brown Swiss: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	12	90.8	95.1	105.1	92.1	86.6	92.5	93.2
93.8								
1988	15	91.4	97.4	104.7	92.8	87.3	93.5	94.9
94.9								
1989	13	90.5	96.0	106.8	91.8	86.4	92.5	93.6
95.1								
1990	34	91.4	96.5	105.1	92.8	86.4	92.2	93.6
94.3								
1991	30	91.8	96.2	105.6	93.3	87.0	92.3	93.6
94.9								
1992	44	91.6	96.6	105.3	92.8	87.6	92.8	93.9
94.9								
1993	45	91.5	96.3	104.8	93.0	87.0	92.5	93.7
94.7								
1994	56	91.5	96.5	105.0	92.5	87.8	93.0	94.0
95.1								
1995	49	91.6	97.3	104.4	92.2	86.9	93.0	94.5
94.1								
1996	40	91.6	96.6	105.2	92.7	87.0	92.9	94.3
94.6								
1997	36	92.3	96.6	105.1	93.5	88.1	93.4	94.6
95.7								
1998	55	91.0	96.1	105.2	92.1	86.9	92.7	93.9
94.9								
1999	85	92.1	96.9	105.3	92.6	87.4	93.0	94.4
94.6								
2000	48	92.0	96.8	104.8	92.7	87.0	93.2	94.3
93.9								
2001	68	92.0	96.8	105.5	92.8	87.8	93.8	94.5
95.1								

2002	30	92.3	97.2	104.0	93.1	87.7	93.9	95.0
94.4								
2003	55	93.0	97.7	104.5	93.3	87.7	93.6	94.7
94.2								
2004	59	93.0	96.8	104.7	93.7	88.2	94.2	94.7
94.5								
2005	44	92.7	97.4	103.6	93.1	88.0	94.0	95.1
94.1								
2006	64	93.1	97.5	104.5	93.6	87.8	94.0	95.0
94.2								
2007	57	93.4	97.2	103.7	93.9	88.0	94.2	95.0
94.3								
2008	56	93.2	98.1	104.3	93.8	88.6	94.6	95.6
94.6								
2009	71	93.4	99.0	103.8	94.0	88.9	95.0	96.4
94.8								
2010	75	93.7	98.5	104.3	94.1	89.2	95.0	96.1
94.9								
2011	60	93.7	99.0	103.8	94.0	88.5	95.1	96.3
94.5								
2012	63	94.4	99.1	103.1	94.7	88.1	95.0	96.4
93.9								
2013	79	93.8	99.2	104.0	94.0	88.6	94.8	96.1
94.2								
2014	62	94.6	100.3	102.9	94.8	89.3	95.2	96.8
94.5								
2015	68	93.9	99.8	102.2	94.5	89.1	95.2	97.0
95.0								
2016	48	94.4	100.0	103.0	94.6	89.8	95.5	97.0
95.1								
2017	81	93.9	100.1	103.3	94.2	89.6	95.4	97.1
95.0								
2018	36	93.6	100.4	103.5	93.6	89.5	95.8	97.1
94.3								
2019	23	94.8	101.0	104.1	93.8	90.4	96.2	97.7
95.7								
2020	38	94.9	100.7	102.6	95.0	90.4	96.1	97.7
95.1								
2021	30	96.0	102.8	103.1	95.5	91.5	97.2	98.9
95.5								

Tabel: 284 Brown Swiss: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	12	89.9	91.6	87.1	104.9	0.0	91.3
1988	15	89.1	91.0	87.9	104.7	0.0	91.5

1989	13	90.0	92.7	86.7	104.8	0.0	91.3
1990	34	91.1	93.2	87.3	104.7	0.0	92.1
1991	30	91.1	92.3	87.9	104.8	0.0	92.3
1992	44	91.2	92.4	88.1	104.9	0.0	92.5
1993	45	91.4	93.4	87.8	104.6	0.0	92.4
1994	56	91.4	93.4	88.1	103.9	0.0	92.2
1995	49	91.7	93.8	87.8	105.0	0.0	92.8
1996	40	92.7	94.1	87.8	105.0	0.0	93.1
1997	36	94.0	94.1	88.8	104.9	0.0	93.9
1998	55	92.4	93.2	87.4	104.6	0.0	92.5
1999	85	92.6	93.7	88.2	104.7	0.0	93.1
2000	48	93.6	94.4	88.1	105.3	0.0	93.7
2001	68	92.2	93.2	88.5	104.7	0.0	93.1
2002	30	93.6	94.6	88.7	104.7	0.0	93.8
2003	55	92.4	93.9	89.2	104.5	0.0	93.5
2004	59	93.3	94.1	89.5	104.8	0.0	94.0
2005	44	94.2	94.5	89.1	104.1	0.0	93.9
2006	64	92.5	94.1	89.4	105.5	0.0	94.1
2007	57	94.2	94.8	89.6	104.8	0.0	94.5
2008	56	94.8	95.1	89.8	105.0	0.0	94.9
2009	71	95.0	94.4	90.1	105.1	0.0	95.2
2010	75	95.1	95.0	90.4	105.4	0.0	95.6
2011	60	95.0	95.1	90.1	105.0	0.0	95.2
2012	63	95.4	94.9	90.4	104.2	0.0	94.9
2013	79	94.9	94.7	90.2	105.2	0.0	95.2
2014	62	94.8	94.7	91.1	105.5	0.0	95.8
2015	68	94.4	93.9	90.6	104.2	0.0	94.6
2016	48	95.0	94.8	91.2	105.4	0.0	95.9
2017	81	94.3	94.2	90.7	105.8	0.0	95.7
2018	36	95.8	95.8	90.5	105.6	0.0	96.0
2019	23	96.3	95.4	91.4	104.3	0.0	95.8
2020	38	95.5	95.5	91.9	103.9	0.0	95.8
2021	30	96.8	96.2	93.1	104.6	0.0	97.2

Tabel: 285 Brown Swiss: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1982	10	101.4	101.8	98.5	98.8	98.9	95.7	83.8	100.1
98.6									
1985	11	102.8	100.9	98.9	98.8	99.8	96.5	82.7	99.7
98.9									
1987	10	101.2	103.1	99.3	99.6	99.3	95.5	82.8	101.1
99.1									



1988 99.8	18	102.8	102.5	100.2	100.5	100.6	95.8	81.8	101.4
1989 99.5	20	102.7	101.7	99.5	99.6	100.2	96.2	83.0	100.6
1990 99.8	59	103.2	101.9	99.9	99.8	100.6	96.4	82.4	100.9
1991 100.4	45	103.1	102.8	100.2	100.6	100.8	97.0	83.4	101.6
1992 99.9	56	102.8	102.7	99.9	100.3	100.5	96.1	82.4	101.4
1993 100.0	78	103.1	102.4	100.0	100.4	100.5	96.7	83.5	101.3
1994 99.4	57	102.9	101.8	99.5	99.7	100.2	96.2	83.4	100.6
1995 98.9	96	102.8	101.0	99.0	98.9	99.8	95.8	83.0	99.9
1996 99.0	61	102.1	101.8	99.1	99.3	99.5	96.1	84.1	100.3
1997 98.8	70	101.6	101.7	98.6	99.2	99.3	95.8	84.4	99.9
1998 98.7	100	101.4	101.8	98.6	99.0	99.1	95.8	83.7	100.1
1999 98.5	145	102.2	100.8	98.5	98.5	99.4	96.0	83.6	99.5
2000 98.7	126	102.6	100.9	98.8	98.8	99.7	96.0	83.4	99.7
2001 98.7	203	102.4	100.9	98.8	98.7	99.7	95.9	83.4	99.7
2002 98.7	160	102.4	100.9	98.8	98.7	99.6	96.1	83.7	99.7
2003 98.8	157	102.1	101.2	98.9	99.0	99.6	95.9	84.5	99.9
2004 98.9	179	101.8	101.5	98.9	99.1	99.5	96.4	85.0	100.1
2005 98.8	150	101.4	101.5	98.7	98.9	99.2	96.3	85.7	100.0
2006 99.0	178	101.6	101.8	99.0	99.4	99.5	96.2	85.9	100.3
2007 99.0	178	101.9	101.5	99.2	99.3	99.6	96.1	86.0	100.3
2008 99.4	141	101.6	102.2	99.5	99.8	99.8	96.3	86.7	100.8
2009 99.6	181	101.9	102.0	99.7	99.9	100.1	96.5	86.8	100.9
2010 99.6	187	101.9	102.0	99.8	100.0	100.1	96.4	87.2	100.9
2011 99.6	189	102.1	101.9	99.8	100.0	100.2	96.2	87.2	100.9
2012 99.7	176	102.0	102.2	100.1	100.2	100.4	96.3	87.6	101.2

2013	212	102.0	101.9	99.9	100.0	100.3	96.3	87.7	100.9
99.7									
2014	208	102.8	101.8	100.5	100.4	101.0	97.0	87.9	101.3
100.2									
2015	179	102.1	101.6	99.9	99.9	100.5	96.5	88.1	100.8
99.7									
2016	140	102.3	102.3	100.5	100.6	100.9	97.0	88.8	101.5
100.3									
2017	177	102.0	101.5	99.8	99.8	100.4	96.6	88.4	100.7
99.6									
2018	153	102.2	101.5	99.8	99.8	100.5	96.5	88.6	100.7
99.7									
2019	139	102.1	101.6	100.1	100.0	100.6	96.7	89.4	100.9
99.9									
2020	172	102.2	101.9	100.5	100.3	100.9	96.8	89.7	101.2
100.1									
2021	150	102.2	101.7	100.4	100.3	100.9	97.1	90.3	101.1
100.2									
2022	90	102.2	101.5	100.3	100.1	100.8	97.1	90.3	101.0
100.1									

Tabel: 286 Brown Swiss: Gebruikskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1988	12	93.3	94.5	96.3	97.6	99.9
1990	26	94.0	95.4	96.1	97.2	99.7
1991	28	93.8	94.0	95.0	96.5	99.1
1992	32	93.9	94.9	96.0	97.1	99.6
1993	38	93.3	95.9	95.1	96.5	99.4
1994	30	94.2	96.6	95.5	96.8	99.4
1995	39	95.7	97.1	96.2	97.2	100.0
1996	37	95.0	95.4	96.0	97.3	99.9
1997	35	95.4	96.2	96.0	97.0	99.9
1998	40	94.0	95.0	95.6	96.6	100.0
1999	43	95.9	97.3	96.2	97.0	100.0
2000	44	96.2	97.0	95.9	96.7	99.8
2001	61	96.2	98.0	95.3	96.3	99.6
2002	32	96.3	97.6	96.0	96.7	100.1
2003	54	96.8	98.1	96.4	96.9	100.2
2004	62	97.0	97.5	96.7	97.6	100.2
2005	42	96.2	98.4	96.8	97.6	100.3
2006	59	96.1	98.4	96.8	97.7	100.2
2007	58	96.7	98.1	96.7	97.6	100.3
2008	56	97.2	97.6	97.1	98.1	100.1
2009	79	96.8	97.6	97.3	97.8	100.1

2010	74	96.7	97.3	97.7	98.1	100.2
2011	60	97.6	97.1	97.9	98.2	100.5
2012	63	97.6	96.7	98.0	98.4	100.3
2013	78	97.2	96.9	98.3	98.5	100.3
2014	62	97.4	96.2	98.6	99.0	100.4
2015	51	97.7	95.6	98.2	98.3	100.3
2016	45	97.2	97.2	98.8	99.1	100.4
2017	63	97.2	97.8	98.6	98.7	99.9
2018	30	97.2	97.5	98.9	99.5	100.2
2019	25	98.1	96.9	98.9	99.0	99.9
2020	33	98.8	97.4	99.4	99.3	100.1
2021	19	97.6	96.2	99.4	99.3	100.2

Tabel: 287 Brown Swiss: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1982	10	-214.5	-547.9	-161.5	97.9	98.6	87.9	103.9	98.6
0.0									
1985	12	-123.5	-489.8	-113.4	98.4	98.9	87.1	104.9	98.9
256.2									
1986	10	-153.7	-557.3	-255.5	98.1	99.4	87.5	106.0	99.2
213.6									
1987	12	-159.6	-551.7	-305.8	98.0	99.1	87.4	106.3	98.4
217.5									
1988	20	-158.1	-552.2	-365.5	98.8	99.8	87.9	104.7	98.9
229.9									
1989	30	-142.4	-494.9	-389.4	97.8	99.5	86.7	104.8	98.8
204.0									
1990	61	-160.6	-530.3	-372.7	98.6	99.8	87.3	104.7	98.8
209.9									
1991	50	-181.7	-553.8	-436.2	97.7	100.4	87.9	104.8	98.5
187.3									
1992	58	-168.5	-529.4	-376.1	98.4	99.9	88.1	104.9	98.4
205.1									
1993	74	-184.6	-551.4	-405.6	98.0	100.0	87.8	104.6	98.0
197.4									
1994	85	-152.4	-503.6	-313.9	98.1	99.4	88.1	103.9	97.6
240.1									
1995	118	-146.8	-485.9	-277.8	98.7	98.9	87.8	105.0	97.7
205.3									
1996	76	-158.0	-490.4	-303.8	98.6	99.0	87.8	105.0	97.7
167.9									

1997	90	-146.3	-482.5	-202.9	98.5	98.8	88.8	104.9	98.1
194.0									
1998	122	-157.2	-491.3	-293.9	98.4	98.7	87.4	104.6	97.6
183.6									
1999	166	-154.7	-477.2	-262.4	98.6	98.5	88.2	104.7	98.7
157.3									
2000	130	-167.5	-489.4	-324.6	98.4	98.7	88.1	105.3	98.9
168.6									
2001	202	-172.1	-484.1	-321.4	98.0	98.7	88.5	104.7	99.8
151.2									
2002	152	-174.5	-481.1	-341.1	98.5	98.7	88.7	104.7	99.0
129.8									
2003	149	-163.8	-456.0	-323.1	98.7	98.8	89.2	104.5	99.2
131.3									
2004	160	-149.6	-444.9	-237.8	99.0	98.9	89.5	104.8	99.1
119.5									
2005	132	-141.3	-425.9	-222.4	99.0	98.8	89.1	104.1	99.2
121.9									
2006	156	-138.9	-432.0	-224.8	99.1	99.0	89.4	105.5	99.3
126.5									
2007	156	-138.4	-420.3	-210.3	99.1	99.0	89.6	104.8	99.3
131.0									
2008	121	-120.8	-389.7	-151.2	99.2	99.4	89.8	105.0	99.4
113.1									
2009	162	-107.7	-353.1	-129.5	99.0	99.6	90.1	105.1	99.4
129.3									
2010	164	-108.2	-344.3	-160.4	99.2	99.6	90.4	105.4	99.4
113.1									
2011	160	-102.3	-340.2	-136.3	99.5	99.6	90.1	105.0	99.6
110.6									
2012	149	-100.2	-322.0	-107.9	99.4	99.7	90.4	104.2	99.5
87.2									
2013	194	-90.6	-296.8	-95.4	99.4	99.7	90.2	105.2	99.8
94.0									
2014	161	-80.0	-304.5	-45.1	99.8	100.2	91.1	105.5	100.0
104.1									
2015	153	-74.9	-284.4	-15.1	99.4	99.7	90.6	104.2	100.0
117.3									
2016	98	-68.2	-278.9	8.1	99.8	100.3	91.2	105.4	100.3
81.2									
2017	161	-65.6	-245.3	19.2	99.3	99.6	90.7	105.8	100.4
83.7									
2018	114	-65.3	-241.0	-20.4	99.9	99.7	90.5	105.6	100.7
74.8									
2019	108	-64.1	-224.0	-0.6	99.5	99.9	91.4	104.3	100.7
51.8									
2020	139	-58.7	-222.0	-34.3	99.7	100.1	91.9	103.9	100.9
56.2									
2021	117	-44.9	-177.0	-16.1	99.8	100.2	93.1	104.6	101.0
40.0									

2022 34 -31.9 -171.0 58.4 100.1 100.1 93.4 105.4 100.7  
41.0

Tabel: 288 Brown Swiss: Klauwgezondheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1996	12	99.5	102.1	99.2	101.2	97.9	103.9	95.9
1998	16	98.6	99.6	99.6	102.2	95.3	105.1	94.6
1999	17	99.2	101.6	98.6	101.8	96.8	104.6	96.5
2000	20	100.5	102.6	100.1	102.0	97.3	104.6	96.6
2001	21	98.8	101.5	98.4	100.8	97.6	104.7	96.2
2002	13	99.8	102.2	98.8	101.4	97.7	104.7	97.5
2003	24	99.8	101.9	99.5	101.5	97.2	104.0	97.3
2004	30	100.5	102.5	100.2	101.9	97.8	104.1	96.6
2005	21	99.6	101.3	100.3	101.9	97.0	104.0	95.0
2006	29	99.8	102.6	99.5	101.2	97.5	103.5	96.4
2007	26	100.5	102.8	100.0	101.7	98.3	104.3	96.3
2008	30	100.8	101.7	100.7	102.1	98.3	104.2	97.2
2009	42	100.9	103.5	99.5	101.3	99.2	103.6	98.2
2010	44	101.1	103.4	100.1	101.5	99.2	104.0	97.3
2011	37	100.5	102.0	100.9	101.9	97.6	104.2	95.5
2012	48	100.6	102.1	100.8	101.8	98.3	104.2	95.8
2013	48	100.8	102.8	100.5	101.6	98.7	104.3	96.6
2014	44	100.9	102.5	100.4	101.6	99.2	104.7	96.9
2015	38	100.8	103.7	98.9	100.4	100.6	103.9	98.9
2016	34	100.1	102.6	99.2	100.6	98.9	104.0	97.9
2017	59	100.2	102.3	99.7	100.9	98.3	103.9	97.6
2018	26	100.1	102.8	100.0	100.5	97.8	103.2	96.9
2019	24	99.5	102.5	99.2	100.4	97.9	103.0	96.8
2020	27	100.3	102.6	100.5	101.0	97.9	103.6	96.0
2021	21	99.6	102.9	99.8	100.0	97.5	102.2	96.3

Tabel: 289 Brown Swiss: Levensvatbaarheidskkenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1988	13	95.5	102.5	95.5	102.5	93.5	102.2
1989	12	96.1	102.1	96.1	102.1	93.4	101.8
1990	39	96.3	102.4	96.3	102.4	93.8	101.7
1991	36	95.6	102.1	95.6	102.1	93.9	101.6
1992	45	95.9	102.2	95.9	102.2	93.9	101.8

1993	69	95.3	102.3	95.3	102.3	93.2	101.7
1994	66	94.6	102.2	94.6	102.2	92.5	101.7
1995	80	95.3	102.1	95.3	102.1	92.7	101.7
1996	64	94.5	102.5	94.5	102.5	92.0	102.0
1997	61	95.6	102.3	95.6	102.3	93.5	102.2
1998	63	94.7	102.2	94.7	102.2	92.4	102.1
1999	98	96.7	102.1	96.7	102.1	94.1	101.7
2000	104	96.4	102.4	96.4	102.4	93.7	101.8
2001	99	96.6	102.7	96.6	102.7	94.2	101.7
2002	124	96.3	102.5	96.3	102.5	93.8	101.8
2003	136	96.7	102.5	96.7	102.5	94.2	101.2
2004	169	96.5	102.6	96.5	102.6	94.0	101.6
2005	139	96.5	102.7	96.5	102.7	93.7	101.7
2006	180	96.6	102.8	96.6	102.8	94.0	102.0
2007	169	96.3	103.0	96.3	103.0	93.8	102.0
2008	132	96.3	103.1	96.3	103.1	93.9	102.0
2009	188	96.5	102.9	96.5	102.9	94.2	101.8
2010	190	96.3	102.9	96.3	102.9	94.3	101.8
2011	194	96.6	103.2	96.6	103.2	94.5	102.1
2012	182	96.1	103.4	96.1	103.4	94.5	102.0
2013	210	96.4	103.3	96.4	103.3	94.8	102.1
2014	209	96.5	103.5	96.5	103.5	94.7	102.2
2015	173	96.3	103.6	96.3	103.6	95.0	102.4
2016	159	96.4	103.8	96.4	103.8	94.9	102.2
2017	182	97.2	103.3	97.2	103.3	95.5	102.1
2018	137	97.2	103.6	97.2	103.6	95.5	102.7
2019	151	97.0	103.7	97.0	103.7	95.3	102.7
2020	189	97.1	104.0	97.1	104.0	95.7	103.0
2021	170	97.2	103.9	97.2	103.9	95.7	103.1
2022	170	97.1	103.7	97.1	103.7	95.3	102.8
2023	177	96.6	103.7	96.6	103.7	94.8	102.8
2024	84	97.0	103.6	97.0	103.6	95.2	102.7

Tabel: 290 Brown Swiss: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1988	11	95.5	112.8	106.1	113.8	96.8	89.5
1989	11	92.5	113.0	108.7	113.4	97.3	89.4
1990	29	94.1	112.3	107.5	113.7	97.0	89.9
1991	28	93.6	112.5	108.0	113.4	97.4	90.5
1992	37	94.0	112.1	107.4	113.5	97.8	90.4
1993	42	92.9	112.1	108.4	113.0	99.3	91.8
1994	34	92.4	111.5	108.6	112.7	98.6	90.8
1995	40	92.2	111.6	108.5	112.3	99.9	91.7
1996	34	91.8	112.5	109.1	112.8	99.7	91.5
1997	40	92.4	112.6	108.7	112.3	98.5	91.7

1998	41	91.8	112.4	109.0	112.9	99.8	91.0
1999	48	92.3	112.5	108.6	112.0	98.8	91.4
2000	51	92.7	112.2	108.1	112.3	98.4	90.5
2001	48	93.2	112.4	107.6	111.9	98.7	90.8
2002	33	91.7	113.3	109.0	111.9	99.0	90.9
2003	72	93.2	112.0	107.7	111.5	98.8	91.6
2004	73	92.8	113.2	107.9	110.7	98.5	92.3
2005	64	92.9	112.7	107.8	110.5	99.7	92.8
2006	88	92.6	112.3	108.1	111.1	98.8	92.3
2007	102	92.4	113.3	108.5	111.0	99.6	92.9
2008	97	92.3	113.3	108.4	110.6	99.2	92.8
2009	124	92.7	113.5	108.0	111.1	98.2	91.4
2010	140	92.3	113.5	108.2	110.7	97.9	91.4
2011	135	92.2	112.8	108.3	110.6	98.8	91.9
2012	132	92.2	112.8	108.3	110.5	97.8	91.5
2013	147	92.4	112.9	108.2	111.2	97.4	90.7
2014	146	92.1	112.9	108.4	111.2	97.5	90.9
2015	137	92.1	113.6	108.5	111.1	96.8	90.9
2016	120	93.1	112.6	107.5	110.8	97.5	90.9
2017	168	92.5	112.5	108.0	110.6	97.0	91.2
2018	120	92.9	111.9	107.8	110.8	96.7	90.9
2019	126	92.7	112.1	107.9	111.0	97.0	90.7
2020	139	92.6	112.4	107.9	111.0	96.6	90.5
2021	126	92.3	111.3	108.2	110.7	97.1	91.0
2022	137	92.1	112.4	108.4	110.6	96.5	90.8
2023	90	92.2	112.8	108.2	110.3	96.3	90.8
2024	30	91.6	113.3	108.6	109.9	97.3	91.3

Tabel: 291 Brown Swiss: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	11	100.5	109.2	98.3	100.9	109.2	101.5	99.3	93.0	110.4
	98.5	107.5								
1985	11	100.4	109.9	98.1	100.5	109.1	102.2	98.5	94.1	111.2
	97.7	107.5								
1988	16	100.1	110.3	98.3	100.8	108.4	102.5	98.4	93.9	111.2
	98.5	107.7								
1989	14	101.1	110.6	98.6	101.5	109.6	102.4	99.5	92.9	111.6
	98.1	109.2								
1990	40	100.9	110.2	98.2	101.6	108.9	102.4	99.3	93.6	110.8
	98.7	108.6								
1991	37	100.9	110.3	98.1	101.3	109.4	102.3	99.4	93.1	111.2
	98.5	108.1								

1992	44	100.9	110.0	98.8	100.5	109.8	102.0	99.4	93.2	111.4
		98.5	107.6							
1993	60	101.1	110.8	98.5	101.8	109.6	102.6	99.6	92.9	111.6
		98.5	109.0							
1994	44	101.1	110.2	98.3	101.3	109.6	102.5	99.4	93.3	111.3
		98.6	108.2							
1995	65	100.6	109.7	99.0	101.1	109.1	103.2	99.0	93.2	111.0
		99.1	108.2							
1996	53	101.6	110.2	98.7	101.8	109.8	102.6	100.0	93.5	111.3
		98.9	109.0							
1997	55	101.1	109.5	98.9	101.2	109.2	102.7	99.7	93.8	110.6
		99.3	108.0							
1998	72	100.2	110.1	99.0	101.2	109.2	103.1	98.9	92.7	111.1
		99.2	107.8							
1999	121	100.9	109.7	98.7	101.2	109.0	103.0	99.2	93.6	110.8
		99.1	108.1							
2000	96	101.2	109.7	98.3	101.7	108.9	102.6	100.0	93.5	110.7
		98.8	108.4							
2001	147	100.9	110.2	98.8	101.3	109.2	103.0	99.3	93.6	111.1
		99.3	107.8							
2002	129	101.0	109.9	98.9	101.9	108.7	103.4	99.6	93.5	110.7
		99.6	108.5							
2003	139	101.2	110.4	98.5	102.3	109.2	103.3	99.9	93.3	111.0
		99.7	108.2							
2004	147	101.1	109.3	98.8	101.5	108.7	103.1	99.7	93.7	110.2
		99.9	107.5							
2005	121	100.7	108.8	98.9	101.3	108.2	103.1	99.5	93.6	109.7
		100.0	106.9							
2006	143	100.6	108.7	98.6	101.4	108.1	103.2	99.5	93.7	109.7
		99.9	107.1							
2007	141	101.3	109.1	98.0	102.1	108.3	102.5	100.3	93.7	109.7
		99.3	107.6							
2008	97	101.4	108.5	98.2	102.0	108.3	102.7	100.4	93.8	109.4
		99.5	107.8							
2009	122	101.0	108.2	98.2	101.3	108.2	102.5	100.1	93.6	109.3
		99.5	106.9							
2010	113	101.6	108.0	98.3	101.7	108.2	102.3	100.8	93.8	109.0
		99.6	107.4							
2011	74	102.4	108.0	98.6	101.8	108.9	102.3	101.7	93.9	109.1
		100.1	107.6							
2012	67	102.7	107.6	98.5	102.1	108.6	102.2	102.2	93.8	108.6
		100.1	108.1							
2013	73	102.4	107.2	98.5	101.6	108.2	102.2	101.8	94.4	108.4
		100.1	107.4							
2014	58	102.5	106.7	98.5	101.7	108.0	102.6	102.0	94.3	108.1
		100.5	107.5							
2015	53	102.4	106.4	98.3	101.4	107.8	102.2	101.8	94.5	107.9
		100.3	107.1							
2016	42	102.5	107.0	98.9	101.6	108.0	102.5	101.8	94.7	108.4
		100.6	107.3							



2017	68	102.3	106.6	98.6	101.3	108.0	102.4	101.5	94.8	108.2
		100.3	107.1							
2018	30	102.8	106.3	98.5	101.9	107.8	101.9	102.2	95.4	107.7
		99.9	108.0							
2019	21	102.3	105.8	98.3	101.2	107.1	102.0	101.9	94.4	107.1
		100.0	107.0							
2020	31	102.5	106.4	98.9	101.5	107.7	102.2	102.0	94.6	107.9
		99.9	107.9							
2021	23	101.8	105.0	99.1	101.1	106.2	102.1	101.3	95.3	106.5
		99.7	106.7							

Tabel: 292 Brown Swiss: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	11	88.7	96.6	83.0
1988	13	91.0	98.1	85.1
1989	12	89.6	97.6	82.7
1990	38	89.6	97.7	82.8
1991	34	89.1	97.0	83.1
1992	46	89.2	97.0	83.3
1993	78	87.9	96.0	82.8
1994	72	87.9	95.8	83.0
1995	87	88.1	96.4	82.1
1996	73	87.7	96.0	82.2
1997	61	88.4	96.8	82.2
1998	67	87.8	96.2	82.2
1999	98	89.6	98.0	82.3
2000	107	89.4	97.4	83.1
2001	105	89.8	97.5	83.2
2002	130	89.9	97.8	83.1
2003	140	89.7	97.7	82.8
2004	166	90.0	98.3	82.9
2005	150	89.9	98.2	82.7
2006	185	90.4	98.8	82.6
2007	172	90.2	98.5	82.6
2008	135	90.8	98.6	83.3
2009	199	91.3	99.0	83.8
2010	203	91.4	99.1	83.8
2011	201	90.9	98.9	83.4
2012	193	91.0	98.9	83.5
2013	218	91.2	98.8	83.6
2014	222	92.0	99.5	84.0
2015	188	92.6	99.7	84.7
2016	171	93.0	99.9	85.3
2017	190	93.7	100.5	85.5

2018	154	94.3	100.8	86.5
2019	161	94.4	100.7	86.7
2020	203	94.4	100.9	86.6
2021	187	94.6	100.8	87.0
2022	182	94.8	100.9	87.2
2023	193	95.0	101.0	87.3
2024	84	94.9	100.7	87.7

Tabel: 293 Brown Swiss: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	197	-4298.4	-15562.4	-657.8	-540.7
2002	148	-4377.1	-15861.8	-669.5	-550.8
2003	146	-4191.1	-15206.8	-640.2	-528.0
2004	149	-3698.7	-13361.4	-563.4	-467.1
2005	124	-3561.7	-12951.3	-539.7	-451.7
2006	143	-3550.6	-12875.0	-542.1	-447.5
2007	149	-3508.6	-12780.9	-535.0	-442.7
2008	115	-3009.4	-10837.8	-458.8	-379.8
2009	161	-2777.6	-10001.5	-421.4	-351.9
2010	162	-2915.9	-10547.6	-445.1	-367.6
2011	155	-2773.8	-10139.7	-422.0	-350.6
2012	142	-2529.3	-9259.1	-386.2	-318.8
2013	192	-2374.2	-8504.7	-363.6	-298.4
2014	162	-2075.2	-7558.6	-322.4	-257.6
2015	143	-1842.9	-6752.7	-282.6	-231.4
2016	103	-1656.8	-5809.1	-259.1	-204.5
2017	173	-1471.3	-4977.0	-231.8	-180.4
2018	111	-1705.1	-5914.3	-268.8	-209.0
2019	112	-1502.1	-5134.1	-237.1	-183.9
2020	144	-1713.1	-6029.4	-269.8	-210.2
2021	127	-1450.8	-5089.7	-227.9	-178.4
2022	33	-918.9	-3472.5	-142.2	-114.5

Tabel: 294 Brown Swiss: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1990	14	97.0	91.8	105.6	96.4
1991	12	96.7	92.1	105.9	96.5
1992	15	98.0	92.6	105.8	97.9
1993	18	96.7	90.9	105.3	95.2

1994	15	97.0	92.1	104.5	95.7
1995	25	96.8	91.1	105.2	95.9
1996	18	96.8	92.8	106.3	97.4
1997	25	97.2	92.9	105.9	97.3
1998	18	97.1	92.2	106.3	97.2
1999	28	96.8	92.5	105.2	96.4
2000	34	96.4	92.1	105.6	96.1
2001	26	96.6	92.0	105.8	96.4
2002	21	97.2	93.2	105.3	97.5
2003	34	97.0	92.1	104.8	95.9
2004	37	97.0	93.7	105.3	97.5
2005	28	97.2	93.1	105.6	97.5
2006	45	96.0	93.1	105.5	96.2
2007	44	97.0	92.7	105.7	97.2
2008	47	96.6	92.7	105.7	96.6
2009	66	97.2	94.4	105.6	97.9
2010	70	96.9	94.3	105.9	98.1
2011	74	97.8	93.1	105.3	97.8
2012	55	97.5	93.5	106.1	98.3
2013	84	97.9	94.3	105.1	98.3
2014	67	97.7	94.4	105.6	98.7
2015	71	98.5	94.4	105.5	99.3
2016	47	98.2	95.5	105.9	100.2
2017	86	99.1	96.2	105.5	100.9
2018	60	99.0	97.3	105.9	101.9
2019	57	98.6	97.9	106.2	101.9
2020	75	99.7	99.0	106.2	103.6
2021	73	99.7	99.0	106.3	103.8
2022	20	100.0	98.8	105.8	103.7

Tabel: 295 Brown Swiss: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1982	10	96.8	100.9	0	0.0	0.0	0	0.0
1985	12	97.2	101.4	12	-5.5	256.2	0	0.0
1986	10	96.9	100.0	8	-5.5	213.6	0	0.0
1987	12	98.2	101.2	12	-5.5	217.5	0	0.0
1988	20	97.8	101.9	16	-5.5	229.9	0	0.0
1989	30	97.6	100.8	26	-5.0	204.0	0	0.0
1990	61	98.0	101.5	43	-5.2	209.9	0	0.0
1991	50	97.4	101.8	39	-5.1	187.3	0	0.0
1992	58	98.1	102.0	46	-5.1	205.1	0	0.0
1993	74	97.3	101.2	51	-5.1	197.4	0	0.0
1994	85	97.9	100.2	65	-5.4	240.1	0	0.0
1995	118	97.4	100.8	68	-4.9	205.3	0	0.0
1996	76	97.7	101.0	49	-4.6	167.9	0	0.0

1997	90	97.5	100.4	56	-4.8	194.0	0	0.0
1998	122	97.7	101.1	69	-4.8	183.6	0	0.0
1999	166	97.5	100.5	99	-4.4	157.3	0	0.0
2000	130	97.5	100.7	55	-4.4	168.6	0	0.0
2001	202	97.0	100.6	78	-4.2	151.2	66	92.9
2002	152	97.2	100.7	36	-3.9	129.8	30	94.9
2003	149	97.3	100.9	60	-4.0	131.3	55	94.2
2004	160	98.1	101.5	65	-3.7	119.5	58	94.9
2005	132	98.0	101.7	47	-3.8	121.9	44	95.4
2006	156	98.1	101.2	69	-3.9	126.5	63	94.9
2007	156	97.4	101.2	63	-3.7	131.0	56	95.6
2008	121	98.4	101.1	60	-3.4	113.1	55	95.7
2009	162	98.8	101.6	73	-3.2	129.3	71	94.8
2010	164	98.7	101.6	77	-3.0	113.1	75	95.6
2011	160	98.8	101.5	62	-3.1	110.6	60	95.8
2012	149	98.7	102.0	66	-2.7	87.2	63	96.3
2013	194	99.7	101.5	80	-2.6	94.0	79	95.5
2014	161	99.6	101.6	63	-2.8	104.1	61	95.3
2015	153	99.1	101.3	68	-2.9	117.3	66	94.7
2016	98	99.6	101.6	49	-2.5	81.2	47	96.4
2017	161	100.3	100.9	83	-2.4	83.7	81	95.3
2018	114	100.2	101.0	38	-2.2	74.8	35	96.9
2019	108	100.9	101.2	24	-1.6	51.8	23	97.0
2020	139	100.5	101.4	39	-2.1	56.2	38	97.2
2021	117	100.5	101.2	30	-1.3	40.0	30	97.9
2022	34	100.0	100.6	5	-1.6	41.0	5	98.4

Tabel: 296 Brown Swiss: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	22	100.0	0	0.0	0	0.0	22	98.5
1991	19	100.0	0	0.0	0	0.0	19	98.3
1992	24	99.8	2	97.5	2	99.0	24	98.3
1993	28	99.9	1	98.0	1	99.0	28	98.1
1994	25	100.0	0	0.0	0	0.0	25	98.3
1995	39	99.9	2	99.0	2	100.5	39	98.6
1996	29	100.0	3	99.7	3	99.3	29	98.3
1997	37	100.0	0	0.0	0	0.0	37	97.8
1998	40	100.0	1	99.0	1	101.0	40	98.2
1999	58	99.9	1	96.0	3	98.7	58	98.1
2000	54	99.9	1	93.0	1	98.0	54	98.5
2001	53	99.9	2	98.5	4	100.5	53	99.0
2002	45	99.9	3	98.0	4	99.5	45	99.0
2003	69	99.9	3	98.7	5	99.4	69	99.0
2004	80	99.9	4	98.5	7	97.7	80	99.1
2005	70	99.9	2	97.5	2	100.0	70	98.2

2006	85	99.9	4	99.0	10	98.8	85	98.9
2007	108	99.9	2	99.5	13	99.3	108	98.9
2008	98	99.8	7	97.9	17	98.6	98	98.3
2009	127	99.9	7	98.3	9	99.8	127	98.8
2010	135	99.9	5	98.6	9	100.2	135	98.8
2011	136	99.7	5	97.4	6	98.2	136	98.9
2012	130	99.6	9	96.8	11	99.1	130	98.8
2013	156	99.6	6	96.8	7	100.1	156	98.8
2014	130	99.8	3	98.3	7	100.1	130	99.3
2015	131	99.8	1	100.0	5	100.8	131	98.9
2016	88	99.9	0	0.0	1	99.0	88	99.8
2017	144	99.9	0	0.0	0	0.0	144	99.9
2018	99	100.1	0	0.0	2	100.0	99	100.3
2019	92	100.0	0	0.0	0	0.0	92	99.9
2020	113	100.0	0	0.0	0	0.0	113	100.3
2021	105	100.1	0	0.0	0	0.0	105	100.6
2022	28	100.0	0	0.0	0	0.0	28	100.0

Tabel: 297 Brown Swiss: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1992	11	100.2	96.8	101.4	98.5	104.9	100.3
1995	15	100.8	97.5	101.7	99.1	104.9	100.1
1996	14	100.8	97.2	101.9	99.1	105.3	100.5
1999	13	100.7	97.1	102.1	99.2	104.8	100.7
2000	13	100.8	97.3	102.2	99.3	104.6	100.7
2001	15	100.8	97.4	102.0	98.9	104.6	100.7
2002	10	100.6	97.3	101.4	98.8	104.7	100.4
2003	20	100.9	97.3	101.8	99.2	104.7	100.7
2004	23	100.0	96.4	101.2	98.7	104.0	99.9
2005	14	99.3	95.8	100.8	98.1	103.6	98.5
2006	25	101.0	97.5	101.9	99.2	104.9	100.7
2007	26	100.9	97.5	101.9	99.3	104.4	100.5
2008	34	101.3	98.2	102.0	99.5	104.9	100.9
2009	40	101.6	98.3	102.4	99.8	104.8	101.4
2010	41	100.8	97.4	101.8	99.2	104.4	100.4
2011	21	101.4	97.7	102.5	99.7	105.2	100.8
2012	23	100.4	96.7	101.8	99.0	104.6	100.1
2013	27	100.9	97.2	102.1	99.3	104.9	100.5
2014	27	100.5	96.9	101.8	99.0	104.6	100.2
2015	31	100.3	97.2	101.0	98.7	104.5	100.3
2016	19	100.7	97.6	101.6	99.0	104.6	100.6
2017	51	100.8	97.5	101.7	99.0	105.0	100.8
2018	33	100.8	97.5	101.8	98.8	105.4	101.6
2019	27	100.7	97.3	101.6	98.8	104.9	100.7
2020	34	100.7	97.3	101.8	98.8	104.9	101.1

2021            20    101.2    97.7    102.2    99.0    105.7    102.2

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Tabel: 298 Zweeds Roodbont: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	18	-1725.4	-64.1	-67.9	-77.6	21.4	-8.4	1.6	-484.2
2003	10	-823.6	-35.2	-32.6	-36.4	2.3	-4.1	1.5	-245.8
2005	10	-881.3	-34.1	-36.6	-38.3	7.3	-7.0	2.5	-259.7
2006	14	-839.4	-37.5	-36.9	-38.1	0.3	-9.1	0.3	-271.4
2008	13	-764.5	-31.2	-32.0	-35.2	4.5	-6.0	-0.4	-231.3
2012	16	-877.2	-39.4	-34.3	-46.4	0.6	-3.6	-9.1	-265.9
2013	14	-969.6	-36.1	-37.3	-50.6	10.7	-3.0	-9.1	-268.7
2014	13	-945.9	-45.4	-38.1	-51.2	-2.1	-4.5	-11.0	-299.9

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 299 Zweeds Roodbont: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1985	18	99.4	102.7	99.8	101.1	99.3	98.3	86.6	101.4
99.9									
1987	11	98.0	102.1	98.1	99.9	97.7	96.8	86.3	100.1
98.2									
2006	14	99.3	101.7	99.9	100.9	99.4	96.6	89.6	100.8
99.5									
2008	13	98.5	103.3	100.2	101.8	99.5	96.9	90.1	102.0
99.9									
2010	10	100.0	102.0	100.1	101.5	100.0	98.1	90.8	101.1
100.1									
2012	15	100.3	102.3	100.3	101.8	100.4	97.8	90.2	101.3
100.3									
2013	14	100.2	102.0	100.4	101.4	100.1	97.1	90.1	101.4
100.0									
2014	14	100.8	102.4	100.8	101.9	100.9	97.9	90.1	101.7
100.6									

Tabel: 300 Zweeds Roodbont: Gebruikskkenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
2008	10	96.9	99.6	97.6	96.2	99.9

Tabel: 301 Zweeds Roodbont: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1985 242.3	18	-149.3	-484.2	-410.5	98.3	99.9	87.2	92.9	101.0
2003 292.8	10	-97.0	-245.8	-111.8	96.5	99.2	87.2	91.6	100.7
2005 244.0	10	-111.1	-259.7	-133.7	98.2	97.6	89.0	92.7	99.0
2006 266.1	14	-104.3	-271.4	-99.4	97.7	99.5	88.2	90.9	99.0
2008 241.2	13	-80.2	-231.3	-50.1	98.1	99.9	89.4	89.9	99.9
2012 224.7	16	-94.9	-265.9	-121.8	97.3	100.3	88.3	95.7	101.4
2013 176.8	14	-124.1	-268.7	-187.4	96.7	100.0	90.0	90.8	100.5
2014 0.0	13	-107.8	-299.9	-134.2	97.1	100.6	0.0	0.0	100.6

Tabel: 302 Zweeds Roodbont: Levensvatbaarheidskkenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
2008	11	97.5	102.3	97.5	102.3	97.0	102.5
2012	18	98.8	102.9	98.8	102.9	99.4	102.6
2013	15	97.5	103.0	97.5	103.0	98.1	102.7
2014	13	98.3	102.2	98.3	102.2	99.2	101.4
2016	11	98.5	103.4	98.5	103.4	99.2	102.5

Tabel: 303 Zweeds Roodbont: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2006	12	99.0	103.2	99.5	102.5	93.6	92.4
2008	12	99.3	103.6	99.8	103.7	93.4	92.3
2012	16	100.7	102.8	99.2	105.2	89.2	89.9

Tabel: 304 Zweeds Roodbont: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2006	10	101.0	113.4	92.7	101.6	107.0	98.7	99.3	98.3	109.4	98.2	97.9
2008	10	99.4	112.9	93.9	101.1	106.6	99.7	98.9	95.3	109.0	99.1	97.0

Tabel: 305 Zweeds Roodbont: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2008	11	94.6	99.4	94.6
2012	18	95.1	99.3	94.6
2013	16	94.4	99.2	94.2
2014	15	94.8	99.0	95.8
2016	11	95.7	99.3	96.7

Tabel: 306 Zweeds Roodbont: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
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2006	13	-2277.6	-7690.8	-335.5	-295.6
2008	13	-1819.2	-6218.2	-264.0	-238.8
2012	15	-2375.1	-8154.7	-361.3	-300.3
2013	14	-2800.1	-10018.9	-414.1	-362.3
2014	13	-2547.2	-8462.7	-390.2	-320.2

Tabel: 307 Zweeds Roodbont: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1985	18	95.8	94.5	18	-5.2	242.3	0	0.0
2003	10	96.5	93.8	5	-4.4	292.8	5	83.0
2005	10	96.3	94.0	3	-4.2	244.0	3	84.7
2006	14	95.7	93.4	9	-4.1	266.1	9	83.3
2008	13	97.6	93.9	8	-3.7	241.2	8	84.9
2012	16	96.1	93.2	3	-3.7	224.7	3	84.0
2013	14	95.1	92.4	4	-3.2	176.8	4	87.2
2014	13	96.6	93.6	0	0.0	0.0	0	0.0

Tabel: 308 Zweeds Roodbont: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2008	12	100.1	2	100.5	2	101.5	12	94.3
2012	15	100.3	0	0.0	0	0.0	15	94.7
2013	14	100.4	0	0.0	0	0.0	14	93.6
2014	12	100.3	0	0.0	0	0.0	12	92.2

Tabel: 309 Angler: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	19	-2723.6	-89.0	-93.3	-123.2	61.3	8.5	1.4	-668.2
1981	20	-2768.4	-90.7	-95.5	-125.2	61.6	7.4	1.6	-683.1
1982	22	-2748.4	-94.0	-95.4	-124.3	54.6	6.7	1.5	-692.2
1984	11	-2853.1	-91.3	-94.6	-128.9	71.5	16.0	1.8	-680.6
1985	15	-3086.9	-93.7	-102.5	-139.7	88.7	16.9	1.7	-721.7
1986	21	-2961.4	-91.4	-98.3	-134.0	80.1	16.0	1.5	-696.8
1987	13	-2999.8	-94.6	-101.2	-135.9	75.5	12.4	1.2	-719.2

1988	16	-3264.0	-108.2	-109.6	-147.8	79.6	16.8	1.7	-795.9
2012	17	-1279.4	-53.4	-52.1	-57.2	6.3	-8.5	1.5	-383.9
2013	12	-1330.1	-57.1	-54.8	-59.4	3.7	-10.2	1.6	-407.1
2014	11	-943.4	-41.5	-43.3	-41.7	1.8	-12.5	1.7	-310.8
2015	12	-1153.8	-38.9	-45.8	-51.2	18.3	-5.9	1.8	-313.5
2016	15	-887.1	-34.9	-38.8	-38.7	6.8	-9.1	2.3	-271.6
2017	11	-956.4	-37.8	-43.9	-37.5	7.7	-12.5	8.5	-302.3

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 310 Angler: Vruchtbaarheidskenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1980	38	102.1	103.2	100.3	101.9	100.6	99.3	82.2	101.9
100.9									
1981	57	102.0	103.3	100.4	102.1	100.5	99.2	82.4	102.0
100.8									
1982	47	102.3	103.4	100.7	102.3	100.9	99.5	82.7	102.2
101.3									
1983	21	102.8	102.7	100.6	102.0	101.0	99.0	81.2	101.8
101.0									
1984	25	102.6	103.0	100.5	102.0	100.8	98.8	81.4	101.9
100.7									
1985	29	102.2	103.4	100.4	102.2	100.6	98.7	80.7	102.1
100.8									
1986	29	101.9	103.1	100.0	101.8	100.2	98.2	81.2	101.6
100.3									
1987	16	102.2	104.4	101.2	103.1	101.0	99.7	81.9	103.1
101.8									
1988	18	101.9	104.1	101.0	102.7	100.8	99.5	81.3	102.7
101.3									
1989	17	102.4	101.7	99.6	100.7	100.3	98.6	80.9	100.7
99.8									
2015	10	101.7	98.9	98.2	98.5	99.3	99.4	87.4	98.3
98.9									
2016	13	101.2	99.5	98.8	99.1	99.2	100.2	88.9	99.1
99.3									

Tabel: 311 Angler: NVI met onderliggende kenmerken

Basis: Melkdoel rood

Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980 0.0	19	-246.7	-668.2	-457.9	99.2	100.9	85.2	94.9	0.0
1981 0.0	20	-228.3	-683.1	-518.3	99.9	100.8	86.6	94.9	0.0
1982 0.0	22	-250.5	-692.2	-479.4	100.1	101.3	87.4	94.9	0.0
1984 0.0	11	-254.4	-680.6	-639.8	99.0	100.7	82.7	94.8	0.0
1985 410.8	15	-207.9	-721.7	-678.6	99.8	100.8	83.4	96.4	0.0
1986 231.1	21	-211.9	-696.8	-811.8	99.5	100.3	81.5	96.5	0.0
1987 223.6	13	-227.4	-719.2	-713.7	99.1	101.8	80.0	94.0	0.0
1988 205.2	16	-243.0	-795.9	-847.4	100.2	101.3	91.5	96.5	0.0
2012 200.1	17	-89.6	-383.9	-38.3	97.7	100.3	90.0	94.0	100.0
2013 175.7	12	-93.8	-407.1	-28.0	99.2	100.7	0.0	0.0	100.0
2014 126.7	11	-92.6	-310.8	-173.4	97.2	98.6	0.0	0.0	0.0
2015 183.0	12	-99.0	-313.5	-200.0	99.1	98.9	90.0	92.0	96.0
2016 111.2	15	-86.9	-271.6	-173.6	98.4	99.3	88.0	94.0	99.2
2017 57.0	11	-94.0	-302.3	-129.2	97.9	99.1	0.0	0.0	0.0

Tabel: 312 Angler: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2016	14	-2769.1	-9580.4	-404.1	-362.0
2017	10	-2606.0	-9020.6	-368.4	-349.0

Tabel: 313 Angler: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	19	96.8	97.1	0	0.0	0.0	0	0.0
1981	20	96.5	97.3	0	0.0	0.0	0	0.0
1982	22	96.1	97.5	0	0.0	0.0	0	0.0
1984	11	96.6	97.2	0	0.0	0.0	0	0.0
1985	15	95.5	97.2	11	-8.5	410.8	0	0.0
1986	21	96.6	97.4	9	-6.3	231.1	0	0.0
1987	13	98.2	96.9	10	-6.4	223.6	0	0.0
1988	16	96.1	96.7	8	-6.6	205.2	0	0.0
2012	17	97.6	96.2	9	-4.3	200.1	0	0.0
2013	12	97.5	96.5	7	-4.2	175.7	0	0.0
2014	11	97.0	96.2	3	-3.0	126.7	0	0.0
2015	12	96.8	97.6	4	-3.9	183.0	2	85.5
2016	15	97.3	96.9	6	-2.6	111.2	1	82.0
2017	11	98.0	96.4	1	-1.9	57.0	0	0.0

Tabel: 314 Angler: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2012	14	99.9	0	0.0	0	0.0	14	95.0
2014	10	99.5	0	0.0	0	0.0	10	94.0
2015	10	99.9	0	0.0	0	0.0	10	95.0
2016	14	99.6	0	0.0	0	0.0	14	93.7
2017	10	100.0	0	0.0	0	0.0	10	96.0

Tabel: 315 Montbéliard: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-2014.0	-102.0	-76.3	-90.8	-19.2	-6.4	1.5	-634.2
1981	26	-2058.8	-102.5	-77.3	-92.7	-17.0	-5.3	1.6	-640.1
1982	21	-2003.1	-101.4	-77.0	-90.1	-19.3	-8.2	1.8	-635.4
1983	17	-2039.4	-101.7	-76.7	-91.8	-17.1	-5.8	1.8	-635.1
1984	25	-1972.0	-98.0	-75.4	-88.8	-15.9	-7.3	1.6	-618.4
1985	44	-2088.5	-99.6	-78.9	-94.0	-9.8	-6.4	1.8	-638.3
1986	39	-1961.5	-96.5	-75.8	-88.3	-13.8	-8.5	1.5	-615.7
1987	73	-2034.9	-97.8	-76.9	-91.7	-10.5	-6.0	1.5	-624.2
1988	57	-2046.1	-97.1	-77.6	-92.2	-8.8	-6.5	1.6	-624.9
1989	79	-2126.4	-99.7	-80.3	-95.8	-7.1	-6.2	1.6	-644.4

1990	92	-2102.2	-99.0	-79.6	-94.7	-7.6	-6.3	1.6	-639.2
1991	67	-1988.4	-95.8	-75.6	-89.5	-10.6	-6.6	1.6	-612.4
1992	94	-1925.5	-92.0	-72.9	-86.7	-8.6	-5.5	1.6	-589.8
1993	101	-1735.3	-84.8	-68.3	-78.0	-10.7	-8.9	1.6	-548.2
1994	178	-1745.3	-85.9	-68.7	-78.4	-11.8	-9.0	1.6	-553.3
1995	125	-1822.8	-89.3	-70.7	-81.9	-11.8	-7.9	1.7	-572.2
1996	194	-1781.3	-88.8	-69.0	-80.1	-13.9	-7.6	1.6	-563.3
1997	165	-1687.0	-84.6	-64.8	-75.8	-13.9	-6.4	1.5	-532.7
1998	188	-1733.3	-84.3	-65.8	-77.9	-10.2	-5.3	1.6	-535.7
1999	221	-1746.3	-87.6	-67.9	-78.4	-14.5	-7.7	1.6	-554.9
2000	228	-1727.3	-87.7	-66.8	-77.5	-15.9	-7.2	1.8	-550.3
2001	240	-1662.5	-83.7	-64.5	-73.5	-13.7	-7.0	3.4	-528.6
2002	187	-1507.5	-76.1	-58.6	-65.3	-12.7	-6.3	5.1	-480.3
2003	241	-1371.1	-73.3	-54.9	-59.7	-16.9	-7.8	4.1	-455.9
2004	273	-1334.7	-71.9	-53.7	-58.5	-17.2	-8.0	3.4	-446.5
2005	357	-1285.2	-70.3	-51.7	-56.5	-18.2	-7.7	3.0	-433.5
2006	365	-1237.6	-67.0	-50.5	-54.8	-16.3	-8.3	2.3	-418.2
2007	416	-1147.9	-63.9	-47.4	-51.1	-17.3	-8.4	1.7	-395.6
2008	422	-1072.5	-61.5	-44.8	-47.9	-18.5	-8.4	1.4	-376.9
2009	474	-1031.9	-59.4	-43.0	-46.4	-18.1	-8.0	0.9	-363.1
2010	460	-869.4	-52.1	-37.2	-39.8	-17.5	-7.7	-0.2	-316.2
2011	516	-837.7	-50.0	-35.9	-39.2	-16.4	-7.5	-1.4	-304.3
2012	528	-738.3	-46.2	-31.9	-35.5	-17.1	-6.8	-2.4	-275.6
2013	569	-715.6	-43.3	-30.8	-34.7	-14.4	-6.4	-2.7	-262.3
2014	532	-611.0	-39.7	-27.5	-30.6	-15.6	-6.9	-3.6	-237.4
2015	439	-535.0	-37.6	-25.5	-27.5	-17.0	-7.8	-4.0	-222.5
2016	362	-531.5	-36.4	-23.3	-27.1	-15.8	-5.0	-3.7	-209.4
2017	277	-458.7	-34.7	-20.7	-23.6	-17.6	-5.0	-3.4	-193.2
2018	227	-462.0	-31.4	-19.7	-24.0	-13.2	-3.6	-3.7	-178.9
2019	212	-398.8	-28.4	-17.1	-20.9	-12.8	-3.1	-3.4	-158.6
2020	212	-359.4	-25.6	-15.2	-18.2	-11.6	-2.6	-2.3	-142.3
2021	183	-251.3	-20.3	-10.5	-14.4	-10.9	-1.5	-3.7	-106.0
2022	46	-206.7	-17.3	-8.5	-12.6	-9.5	-1.1	-4.0	-88.5

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 316 Montbéliard: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	14	92.6	103.4	91.6	84.0	109.6	107.3	90.4
1985	15	92.3	103.7	91.9	84.5	109.8	106.7	89.7
1986	18	92.9	103.3	92.1	85.3	109.1	105.3	90.6
1987	27	93.4	104.5	92.7	85.4	109.7	106.0	91.2
1988	15	93.5	103.8	92.4	85.1	109.3	105.5	90.5
1989	41	91.9	104.2	91.9	84.3	110.5	106.8	90.8
1990	37	92.7	104.5	92.9	84.8	110.3	107.1	91.1
1991	28	92.0	104.1	91.6	84.1	110.5	106.6	90.9

1992	33	92.2	104.8	91.8	83.7	111.1	108.1	89.7
1993	38	92.9	106.6	93.5	84.6	111.3	106.5	91.2
1994	74	93.1	105.9	93.3	84.9	110.8	107.2	91.3
1995	26	93.2	106.1	92.9	84.3	111.4	108.1	90.7
1996	37	93.2	106.7	93.8	84.7	111.7	107.5	90.9
1997	43	94.0	107.0	94.3	84.8	112.0	109.2	91.3
1998	51	93.0	106.7	93.2	83.8	112.2	108.5	90.6
1999	52	93.4	106.5	93.1	84.5	111.5	108.5	91.4
2000	43	93.3	106.1	92.4	83.9	111.3	108.7	91.6
2001	31	93.7	106.9	93.5	84.2	111.6	107.1	92.4
2002	43	93.1	106.8	92.9	83.8	112.2	108.3	91.6
2003	44	94.2	107.3	93.5	84.9	111.7	107.8	92.2
2004	39	94.4	106.6	93.0	84.2	111.6	108.1	91.2
2005	68	93.5	107.2	93.2	83.8	112.7	107.7	91.6
2006	44	94.2	107.5	93.4	84.0	112.2	107.6	91.8
2007	54	94.5	108.0	93.9	84.1	112.5	107.5	91.7
2008	55	94.8	107.6	93.7	84.2	112.3	107.3	92.2
2009	54	95.2	107.9	94.6	84.9	111.9	107.8	92.2
2010	42	95.1	108.8	95.3	85.5	112.2	106.6	92.2
2011	60	96.3	107.4	95.1	85.6	111.1	106.5	91.9
2012	57	95.5	107.6	95.2	86.1	110.8	106.6	91.7
2013	65	96.0	107.0	94.9	86.1	110.4	106.9	92.7
2014	69	96.9	106.4	95.8	87.0	109.4	106.4	92.8
2015	39	96.2	107.9	96.0	86.8	110.4	104.5	92.9
2016	60	96.6	107.5	96.0	87.3	109.5	105.5	92.1
2017	38	95.7	107.8	96.4	88.2	109.2	105.1	91.6
2018	39	97.0	108.6	96.6	87.7	109.8	105.1	92.4
2019	28	96.1	108.8	96.3	87.7	109.5	104.1	92.5
2020	13	96.3	107.7	96.5	88.1	109.2	105.5	91.8

Tabel: 317 Montbéliard: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1981	14	97.7	98.4	105.6	99.9	95.6
1985	15	97.9	98.1	105.7	99.8	95.4
1986	18	98.3	97.9	105.4	100.1	96.4
1987	27	98.2	97.8	105.8	100.6	96.3
1988	15	98.4	97.6	105.9	100.5	96.1
1989	41	97.4	99.0	104.9	99.8	95.0
1990	37	98.5	98.3	105.8	100.6	96.0
1991	28	97.9	98.4	105.3	100.1	95.6
1992	33	97.8	97.8	106.5	100.8	95.2
1993	38	99.0	97.3	104.9	101.2	96.9
1994	74	98.5	97.7	104.8	100.9	96.5
1995	26	98.9	97.7	105.4	101.5	96.7
1996	37	98.9	97.4	105.5	101.1	96.7

1997	43	99.0	97.6	105.0	101.6	97.1
1998	51	99.0	97.3	105.8	101.5	96.8
1999	52	98.8	98.0	105.9	101.4	96.4
2000	43	98.7	98.7	104.9	101.3	96.3
2001	31	98.4	97.5	106.3	101.9	96.3
2002	43	99.3	97.3	106.3	102.3	97.2
2003	44	99.8	97.1	107.2	102.8	97.3
2004	39	99.3	96.1	107.2	102.4	97.0
2005	68	99.6	96.9	106.1	102.7	97.8
2006	44	99.9	96.8	106.8	102.6	97.5
2007	54	100.0	96.5	107.0	102.8	97.6
2008	55	99.4	96.4	107.0	102.5	97.0
2009	54	100.0	96.0	107.3	102.8	97.5
2010	42	100.1	97.5	106.3	102.9	97.4
2011	60	99.8	97.1	106.6	102.4	97.0
2012	57	100.8	97.9	106.2	103.2	97.7
2013	65	100.4	97.3	106.7	103.1	97.8
2014	69	100.6	97.0	106.8	102.8	97.7
2015	39	101.3	97.9	106.4	103.8	98.6
2016	60	101.7	98.2	106.0	103.6	98.7
2017	38	101.3	97.4	107.1	104.5	98.4
2018	39	102.3	96.9	107.8	103.8	98.7
2019	28	101.8	97.4	107.8	104.4	98.4
2020	13	102.7	98.1	107.0	104.0	99.6

Tabel: 318 Montbéliard: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1981	14	86.9	90.7	105.0	89.9	81.9	92.0	91.4
94.0								
1985	15	87.2	89.9	103.5	90.4	82.3	91.3	90.4
93.5								
1986	18	88.1	90.9	104.3	90.9	83.2	92.1	91.6
94.3								
1987	27	87.4	90.3	104.6	90.2	82.9	91.7	90.6
94.0								
1988	15	88.3	91.1	104.3	90.9	83.2	92.5	91.5
93.9								
1989	41	87.8	90.0	105.1	90.3	81.8	90.3	90.4
93.3								
1990	37	87.6	90.2	105.4	89.8	81.9	90.1	90.5
93.6								
1991	28	87.1	89.9	104.7	89.6	82.0	90.7	90.5
93.6								

1992 92.6	33	85.8	89.2	104.6	88.5	80.5	90.1	89.8
1993 94.1	38	86.4	90.0	107.1	88.1	82.6	89.2	88.5
1994 93.9	74	87.2	90.7	105.8	89.1	82.9	90.4	89.6
1995 93.5	26	87.0	90.0	106.0	88.8	81.9	89.6	89.2
1996 92.9	37	86.3	90.1	105.2	88.8	81.4	90.5	89.8
1997 92.6	43	86.4	89.1	105.4	88.9	81.2	89.8	89.0
1998 92.9	51	87.0	90.0	104.7	89.5	81.4	90.5	90.0
1999 92.8	52	86.1	89.2	105.3	88.6	80.7	89.6	88.9
2000 92.7	43	86.4	90.1	104.4	89.1	81.1	90.3	89.7
2001 91.7	31	86.7	89.3	104.3	88.6	81.1	89.5	88.7
2002 92.1	43	86.2	89.9	103.9	88.4	81.1	90.1	89.6
2003 92.7	44	86.9	89.2	104.9	88.9	81.6	90.1	89.2
2004 92.3	39	86.6	89.6	104.5	88.8	81.4	90.0	89.1
2005 91.6	68	86.6	90.2	103.1	88.6	81.2	90.5	89.7
2006 91.5	44	86.7	89.6	103.2	89.0	80.8	90.5	89.8
2007 91.9	54	86.7	90.9	103.8	88.9	81.2	90.7	90.0
2008 91.9	55	86.6	90.3	103.4	88.9	81.3	90.5	89.7
2009 92.1	54	86.9	91.1	103.4	89.1	81.7	91.8	91.2
2010 92.0	42	86.4	90.2	104.0	87.8	81.3	90.0	89.2
2011 92.9	60	87.7	92.0	103.3	89.8	82.5	91.5	91.2
2012 92.8	57	88.1	92.1	102.6	89.7	83.1	92.3	91.9
2013 93.7	65	89.1	92.7	103.0	91.1	84.0	92.9	92.6
2014 94.0	69	89.3	93.1	103.3	90.9	84.9	92.7	92.6
2015 94.2	39	89.4	92.3	102.9	91.0	84.9	93.0	92.5
2016 94.5	60	89.3	92.6	103.9	90.7	85.3	92.6	92.3



2017	38	88.9	92.3	103.2	89.8	85.2	92.1	91.8
93.7								
2018	39	88.5	92.0	103.0	90.3	84.8	93.0	92.5
93.9								
2019	28	89.1	93.3	103.7	90.3	86.1	94.4	94.3
95.2								
2020	13	89.2	94.5	101.8	90.5	85.8	93.7	94.4
94.4								

Tabel: 319 Montbéliard: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	14	89.4	92.8	82.6	96.4	0.0	84.5
1985	15	89.2	92.7	82.9	96.3	0.0	84.7
1986	18	90.3	93.3	83.9	97.2	0.0	86.0
1987	27	90.8	94.0	83.3	96.9	0.0	85.8
1988	15	90.6	93.3	84.1	96.9	0.0	86.0
1989	41	89.1	93.4	82.5	95.9	0.0	84.4
1990	37	90.3	94.1	82.4	96.9	0.0	85.2
1991	28	89.0	93.1	82.2	96.3	0.0	84.2
1992	33	88.8	93.1	80.6	96.2	0.0	83.2
1993	38	90.5	94.0	81.5	97.2	0.0	84.9
1994	74	90.5	93.9	82.6	97.0	0.0	85.5
1995	26	89.8	93.6	81.8	97.2	0.0	84.8
1996	37	90.2	94.4	81.4	97.2	0.0	84.9
1997	43	90.7	94.7	81.1	97.5	0.0	85.0
1998	51	89.8	93.7	81.9	97.2	0.0	84.8
1999	52	90.0	93.9	80.7	97.1	0.0	84.3
2000	43	89.6	93.3	81.4	97.0	0.0	84.5
2001	31	91.1	94.1	81.2	96.8	0.0	84.7
2002	43	89.8	94.0	81.3	97.7	0.0	84.9
2003	44	90.7	94.4	81.7	98.0	0.0	85.7
2004	39	90.3	93.9	81.6	97.4	0.0	85.0
2005	68	90.3	94.2	81.6	98.0	0.0	85.4
2006	44	90.5	94.1	81.5	98.0	0.0	85.4
2007	54	91.0	94.1	81.8	98.0	0.0	85.7
2008	55	91.3	94.3	81.8	97.5	0.0	85.5
2009	54	91.6	94.8	82.4	97.9	0.0	86.2
2010	42	92.1	95.2	81.3	98.0	0.0	86.0
2011	60	92.6	94.8	83.1	97.6	0.0	86.8
2012	57	92.5	94.8	83.9	98.5	0.0	87.6
2013	65	92.7	95.0	85.1	98.5	0.0	88.3
2014	69	93.9	95.4	85.5	98.3	0.0	88.9
2015	39	93.7	95.3	85.6	99.5	0.0	89.6
2016	60	93.8	95.0	85.7	99.6	0.0	89.5
2017	38	93.0	95.3	85.3	99.3	0.0	89.0

2018	39	93.6	95.3	85.1	99.7	0.0	89.4
2019	28	93.6	95.0	85.9	99.4	0.0	89.5
2020	13	93.5	95.4	86.1	100.8	0.0	90.3

Tabel: 320 Montbéliard: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980 101.2	11	103.3	103.9	100.7	102.3	101.1	97.5	84.2	102.6
1981 100.8	22	102.9	103.7	100.6	101.9	100.7	97.5	85.5	102.3
1982 100.3	17	102.6	103.4	100.2	101.5	100.4	97.2	84.7	101.9
1983 100.3	12	102.6	103.8	100.4	101.8	100.2	97.2	86.2	102.2
1984 100.8	19	102.2	104.2	100.7	102.3	100.4	97.5	86.6	102.6
1985 100.0	33	102.3	103.2	100.0	101.3	100.1	97.2	85.3	101.7
1986 100.4	26	102.0	103.7	100.4	101.6	99.9	97.4	85.9	102.1
1987 100.4	41	102.0	103.8	100.4	101.8	100.1	97.0	86.0	102.2
1988 100.0	38	102.1	103.1	99.9	101.1	99.7	97.1	85.5	101.6
1989 101.5	79	103.2	104.3	101.3	102.9	101.3	97.9	86.0	103.0
1990 101.0	90	103.1	103.9	100.9	102.4	101.1	97.5	85.8	102.6
1991 100.8	63	103.0	103.7	100.6	102.1	100.9	97.6	85.3	102.3
1992 100.8	91	103.3	103.3	100.7	101.9	100.9	97.8	85.8	102.1
1993 101.4	104	103.2	103.8	101.3	102.4	101.5	97.8	85.6	102.8
1994 101.1	165	103.4	103.3	101.1	102.1	101.4	97.8	85.3	102.4
1995 100.9	124	103.0	103.5	100.8	102.1	100.9	97.7	85.5	102.3
1996 100.8	167	103.0	103.5	100.7	102.1	100.9	97.9	85.9	102.2
1997 100.9	165	102.5	104.1	100.7	102.5	100.8	97.5	86.4	102.5

1998	188	102.6	103.8	100.7	102.1	100.8	97.3	85.4	102.4
100.8									
1999	219	102.9	103.5	100.8	102.0	101.0	97.6	85.5	102.3
100.9									
2000	236	103.0	103.3	100.7	101.9	101.0	97.5	85.3	102.2
100.8									
2001	250	102.9	103.4	100.9	102.0	101.0	97.5	85.6	102.3
100.9									
2002	207	102.6	103.9	101.1	102.4	101.1	97.4	86.5	102.7
101.0									
2003	279	102.4	103.5	100.8	102.0	100.8	97.3	86.7	102.3
100.7									
2004	315	102.6	103.4	100.9	102.0	101.0	97.5	86.8	102.3
100.9									
2005	399	103.0	103.3	101.1	102.1	101.3	97.7	86.2	102.4
101.1									
2006	414	103.5	103.0	101.3	102.1	101.6	97.9	86.5	102.4
101.2									
2007	477	103.1	103.5	101.3	102.3	101.5	97.9	86.7	102.6
101.3									
2008	493	103.0	103.8	101.5	102.6	101.6	97.8	87.2	102.8
101.4									
2009	583	102.8	103.9	101.6	102.8	101.6	97.3	87.7	103.0
101.4									
2010	539	102.8	103.5	101.4	102.6	101.6	97.0	88.2	102.7
101.1									
2011	598	103.2	103.0	101.4	102.3	101.8	97.6	88.2	102.5
101.3									
2012	622	103.8	102.8	101.8	102.4	102.3	98.2	88.6	102.5
101.6									
2013	682	104.6	102.3	102.0	102.2	102.7	98.6	88.5	102.4
101.8									
2014	646	104.3	102.5	102.0	102.4	102.7	98.5	89.3	102.5
101.9									
2015	527	104.2	102.4	102.0	102.3	102.6	98.4	89.7	102.5
101.8									
2016	429	103.1	102.8	101.6	102.3	102.0	97.7	90.3	102.4
101.4									
2017	339	102.9	102.3	101.2	101.8	101.6	97.7	90.1	101.9
100.9									
2018	310	103.6	102.2	101.6	102.0	102.3	98.4	89.8	102.1
101.5									
2019	268	103.1	102.6	101.6	102.2	102.1	98.1	89.9	102.4
101.5									
2020	263	102.9	102.8	101.7	102.4	102.0	97.9	90.6	102.5
101.4									
2021	218	103.0	102.6	101.7	102.2	102.1	97.4	90.4	102.4
101.3									
2022	127	103.1	103.1	102.2	102.8	102.4	97.8	90.8	102.9
101.8									

Tabel: 321 Montbéliard: Gebruikskkenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	14	96.7	90.9	97.3	98.9	102.4
1985	12	97.2	90.8	96.8	97.5	101.1
1986	14	97.7	90.8	96.8	97.8	101.5
1987	25	97.6	89.9	96.9	97.9	101.5
1988	18	97.9	91.8	97.0	97.7	101.3
1989	44	98.1	90.9	96.8	97.4	101.4
1990	45	97.8	90.8	96.3	97.6	101.6
1991	29	97.6	91.1	96.6	98.0	102.0
1992	38	97.7	90.3	97.1	98.7	102.1
1993	49	95.2	89.9	96.6	97.6	101.2
1994	71	95.8	89.8	96.5	98.4	101.7
1995	44	96.2	89.4	96.4	98.2	101.7
1996	40	96.2	89.8	96.6	99.2	102.3
1997	66	97.0	89.4	96.7	98.7	101.2
1998	55	97.7	89.9	96.9	98.5	101.8
1999	58	97.8	90.2	96.5	98.5	101.8
2000	49	98.2	90.0	96.5	98.1	101.5
2001	33	97.5	90.9	97.0	98.6	101.4
2002	46	97.8	89.6	97.1	98.4	100.9
2003	52	98.2	89.6	97.8	98.5	101.2
2004	50	97.9	90.1	97.7	98.6	101.0
2005	74	97.2	89.9	98.0	98.8	100.9
2006	51	97.7	89.7	98.3	99.0	100.9
2007	59	97.5	90.4	98.7	99.3	101.1
2008	53	97.6	90.2	98.4	99.0	101.2
2009	55	98.0	90.5	97.9	98.4	100.8
2010	38	98.0	91.3	98.0	98.3	100.7
2011	52	97.9	90.3	98.1	98.0	100.6
2012	52	98.6	90.7	98.5	98.6	100.9
2013	60	97.7	90.9	98.7	98.6	100.8
2014	58	97.7	90.8	98.3	97.9	100.6
2015	36	98.1	91.2	98.5	98.2	100.7
2016	49	98.7	91.5	98.1	97.7	100.4
2017	34	101.4	90.4	97.7	97.2	99.9
2018	35	99.5	89.7	98.1	97.5	100.2
2019	22	99.0	90.3	98.0	97.3	100.5
2020	15	99.9	91.0	98.4	98.0	100.9

Tabel: 322 Montbéliard: NVI met onderliggende kenmerken

Basis: Melkdoel rood  
Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980 0.0	13	-216.3	-634.2	0.0	100.2	101.2	80.0	96.0	96.6
1981 0.0	26	-223.0	-640.1	0.0	101.1	100.8	82.6	96.4	96.8
1982 0.0	21	-222.6	-635.4	-92.0	99.3	100.3	83.8	96.5	96.3
1983 0.0	17	-218.4	-635.1	0.0	101.9	100.3	81.7	95.6	96.5
1984 0.0	25	-207.8	-618.4	-221.0	100.3	100.8	81.6	96.4	96.9
1985 239.9	44	-169.1	-638.3	-222.0	99.4	100.0	82.9	96.3	97.1
1986 231.2	39	-167.3	-615.7	-267.4	99.9	100.4	83.9	97.2	97.1
1987 242.3	73	-161.4	-624.2	-272.6	100.0	100.4	83.3	96.9	97.1
1988 236.9	57	-166.9	-624.9	-344.8	99.7	100.0	84.1	96.9	97.0
1989 127.0	79	-232.8	-644.4	-433.6	99.6	101.5	82.5	95.9	97.7
1990 120.9	92	-231.7	-639.2	-412.5	99.9	101.0	82.4	96.9	97.8
1991 158.1	67	-207.2	-612.4	-289.3	100.4	100.8	82.2	96.3	97.6
1992 157.6	94	-205.1	-589.8	-355.9	100.7	100.8	80.6	96.2	97.6
1993 116.9	101	-206.4	-548.2	-337.1	99.6	101.4	81.5	97.2	97.0
1994 131.8	178	-201.1	-553.3	-279.7	100.3	101.1	82.6	97.0	96.7
1995 134.9	125	-218.8	-572.2	-397.2	100.2	100.9	81.8	97.2	96.9
1996 157.6	194	-190.0	-563.3	-294.2	101.1	100.8	81.4	97.2	97.5
1997 84.1	165	-209.2	-532.7	-359.7	100.1	100.9	81.1	97.5	97.8
1998 71.9	188	-218.7	-535.7	-402.2	100.5	100.8	81.9	97.2	97.9
1999 93.7	221	-223.7	-554.9	-435.9	100.5	100.9	80.7	97.1	97.4
2000 77.1	228	-233.5	-550.3	-453.6	100.1	100.8	81.4	97.0	97.5

2001 81.0	240	-222.3	-528.6	-436.6	100.3	100.9	81.2	96.8	97.1
2002 42.9	187	-225.0	-480.3	-432.2	99.8	101.0	81.3	97.7	97.3
2003 42.5	241	-220.0	-455.9	-415.8	100.1	100.7	81.7	98.0	96.8
2004 34.9	273	-217.8	-446.5	-417.3	100.0	100.9	81.6	97.4	96.7
2005 6.8	357	-216.1	-433.5	-420.8	100.0	101.1	81.6	98.0	97.3
2006 7.4	365	-209.5	-418.2	-412.0	100.1	101.2	81.5	98.0	97.3
2007 -30.0	416	-202.5	-395.6	-410.0	100.4	101.3	81.8	98.0	97.5
2008 -9.7	422	-199.1	-376.9	-391.2	100.2	101.4	81.8	97.5	97.3
2009 -31.4	474	-195.8	-363.1	-391.3	99.8	101.4	82.4	97.9	97.3
2010 -43.8	460	-184.1	-316.2	-357.7	99.6	101.1	81.3	98.0	97.0
2011 -29.4	516	-182.3	-304.3	-354.5	99.4	101.3	83.1	97.6	97.2
2012 -38.9	528	-162.7	-275.6	-306.5	99.9	101.6	83.9	98.5	97.2
2013 -33.1	569	-154.2	-262.3	-298.1	99.8	101.8	85.1	98.5	97.2
2014 -30.5	532	-147.5	-237.4	-284.9	99.4	101.9	85.5	98.3	97.3
2015 -47.8	439	-140.0	-222.5	-265.7	99.6	101.8	85.6	99.5	97.6
2016 -43.1	362	-137.7	-209.4	-258.5	99.1	101.4	85.7	99.6	97.4
2017 -37.4	277	-140.8	-193.2	-254.7	98.6	100.9	85.3	99.3	96.8
2018 -59.3	227	-126.3	-178.9	-213.1	99.0	101.5	85.1	99.7	97.4
2019 -53.5	212	-120.8	-158.6	-212.1	99.0	101.5	85.9	99.4	97.5
2020 -43.8	212	-113.5	-142.3	-220.0	99.7	101.4	86.1	100.8	97.9
2021 4.2	183	-100.5	-106.0	-189.4	99.7	101.3	84.0	99.0	97.7
2022 -18.0	46	-76.4	-88.5	-120.6	99.8	101.8	83.0	100.7	98.1

Tabel: 323 Montbéliard: Klauwgezondheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1993	10	97.5	90.6	104.9	102.1	94.6	99.2	91.9
1994	14	96.8	90.5	104.0	102.5	93.4	99.4	91.6
1997	13	97.8	92.3	104.0	102.1	95.2	99.3	93.4
1998	15	97.7	93.9	102.8	101.4	96.1	98.9	94.0
1999	10	95.3	91.4	101.9	100.9	93.3	99.8	91.8
2000	18	94.6	92.0	100.6	99.4	93.3	97.5	92.9
2001	33	95.1	91.6	101.7	100.3	93.5	97.9	92.0
2002	22	95.8	91.4	102.2	101.0	93.2	99.5	92.5
2003	34	95.2	90.5	101.9	100.9	93.1	100.2	91.8
2004	38	96.3	91.2	103.0	101.7	93.2	100.0	91.8
2005	69	96.7	91.4	103.4	102.0	93.9	99.4	91.7
2006	52	96.5	91.8	102.9	101.7	94.0	99.5	92.0
2007	66	96.6	92.6	102.3	101.5	94.4	99.6	92.6
2008	66	96.6	92.3	102.7	101.5	94.3	99.5	92.4
2009	56	96.9	93.1	102.4	101.2	94.7	99.2	93.5
2010	53	96.2	92.3	102.4	100.8	93.9	98.9	92.5
2011	87	96.2	92.9	101.9	100.8	94.1	99.2	92.9
2012	82	96.2	93.4	101.5	100.6	94.2	99.1	93.3
2013	76	96.7	94.0	101.7	100.8	94.5	99.4	93.6
2014	70	96.6	93.2	102.3	101.0	93.7	99.8	93.2
2015	48	96.8	92.8	102.5	101.0	93.6	100.1	93.4
2016	60	96.9	93.9	102.1	100.2	94.4	99.8	94.1
2017	34	97.0	93.1	102.4	100.7	94.3	100.8	93.9
2018	45	97.1	93.9	102.2	100.5	94.8	100.7	93.8
2019	32	96.8	93.9	101.9	100.1	94.9	100.5	93.7
2020	12	97.9	95.3	101.7	99.9	96.9	100.8	95.5

Tabel: 324 Montbéliard: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	10	95.0	100.6	95.0	100.6	94.3	101.2
1981	14	95.3	100.6	95.3	100.6	94.4	100.4
1984	12	95.2	101.2	95.2	101.2	94.3	100.5
1985	17	94.2	101.8	94.2	101.8	93.6	100.8
1986	18	94.6	101.8	94.6	101.8	93.8	100.8
1987	28	94.2	102.1	94.2	102.1	93.5	101.4
1988	20	94.5	101.5	94.5	101.5	93.5	100.8
1989	56	95.1	101.9	95.1	101.9	94.4	101.4
1990	61	95.0	101.8	95.0	101.8	94.2	101.2
1991	38	95.1	101.5	95.1	101.5	94.1	101.1
1992	58	94.6	101.6	94.6	101.6	93.9	100.9
1993	90	94.6	101.3	94.6	101.3	93.0	101.7
1994	143	94.5	101.1	94.5	101.1	93.2	101.5

1995	99	94.7	101.0	94.7	101.0	93.5	101.6
1996	135	95.2	101.2	95.2	101.2	94.2	101.4
1997	151	95.1	101.7	95.1	101.7	94.5	102.3
1998	153	94.9	102.2	94.9	102.2	94.2	102.3
1999	172	94.5	101.9	94.5	101.9	94.0	101.5
2000	192	94.5	102.0	94.5	102.0	93.8	101.8
2001	213	94.5	101.5	94.5	101.5	93.5	101.4
2002	215	94.6	101.7	94.6	101.7	93.4	101.5
2003	290	94.0	101.3	94.0	101.3	93.1	101.2
2004	338	93.9	101.3	93.9	101.3	93.2	101.2
2005	425	94.5	101.9	94.5	101.9	93.7	101.7
2006	483	94.4	101.8	94.4	101.8	93.7	101.5
2007	553	94.4	102.3	94.4	102.3	93.5	101.8
2008	600	94.3	102.1	94.3	102.1	93.3	101.9
2009	728	94.2	102.2	94.2	102.2	93.1	101.8
2010	700	93.8	102.0	93.8	102.0	92.9	101.8
2011	732	94.0	102.0	94.0	102.0	93.3	102.0
2012	770	94.0	102.0	94.0	102.0	93.5	102.3
2013	834	94.1	102.0	94.1	102.0	93.6	102.5
2014	815	94.1	102.0	94.1	102.0	93.7	102.3
2015	729	94.3	102.1	94.3	102.1	93.8	102.3
2016	633	94.4	101.8	94.4	101.8	93.7	101.6
2017	534	93.9	101.3	93.9	101.3	93.3	101.4
2018	486	94.4	101.6	94.4	101.6	93.7	102.1
2019	372	94.5	101.6	94.5	101.6	93.9	102.0
2020	353	94.9	101.9	94.9	101.9	94.5	102.2
2021	313	95.0	101.5	95.0	101.5	94.8	102.2
2022	297	95.1	101.8	95.1	101.8	94.7	102.3
2023	246	94.8	101.7	94.8	101.7	94.6	102.0
2024	100	94.7	102.1	94.7	102.1	94.4	102.2

Tabel: 325 Montbéliard: Geboortekkenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1985	12	88.7	111.1	113.3	108.9	91.8	90.6
1986	17	89.2	111.6	113.0	109.2	93.2	91.1
1987	25	89.2	111.2	113.1	109.4	93.6	91.8
1988	17	88.4	111.8	113.6	108.9	93.3	91.0
1989	43	87.3	111.8	114.7	108.8	89.8	89.3
1990	42	88.0	112.2	114.2	108.7	90.4	89.9
1991	26	87.1	111.9	114.8	108.9	89.9	89.3
1992	29	88.4	112.1	114.1	108.8	91.9	91.3
1993	58	86.4	111.6	115.9	110.9	91.5	88.6
1994	85	86.8	111.5	115.6	110.8	91.5	88.9
1995	49	86.9	111.5	115.4	110.4	91.7	89.4
1996	67	87.9	110.9	114.6	110.5	89.7	88.6



1997	88	87.7	111.6	115.0	111.5	89.2	87.5
1998	84	88.1	111.8	114.5	110.0	90.2	89.3
1999	70	87.8	111.8	114.6	109.4	91.2	90.2
2000	93	88.2	112.3	114.2	109.2	91.4	90.3
2001	66	87.9	111.9	114.3	108.3	91.7	91.3
2002	77	88.5	111.8	113.8	108.9	92.4	91.4
2003	130	88.3	111.0	114.2	109.5	92.2	91.1
2004	162	88.6	111.9	114.0	109.0	92.1	91.4
2005	232	89.0	111.8	113.7	109.7	91.8	90.7
2006	237	88.7	112.1	113.9	109.9	91.9	90.9
2007	327	88.3	111.7	114.4	109.9	91.5	90.7
2008	378	88.3	111.3	114.2	109.3	92.1	91.3
2009	480	88.0	111.3	114.4	109.1	92.1	91.4
2010	478	87.9	111.5	114.5	109.4	91.4	90.7
2011	524	88.3	111.4	114.1	109.4	91.5	90.7
2012	545	88.1	111.4	114.2	109.0	91.7	90.8
2013	598	88.2	111.8	114.1	108.8	91.6	90.8
2014	634	88.7	111.0	113.5	108.4	91.6	90.9
2015	530	88.6	111.3	113.7	108.6	91.7	90.9
2016	456	89.3	110.5	112.9	108.0	91.5	91.3
2017	363	89.3	110.5	112.9	108.1	91.0	90.9
2018	308	89.8	110.4	112.5	108.5	91.1	90.9
2019	276	89.8	110.6	112.6	108.5	91.3	91.0
2020	254	89.6	110.7	112.8	108.6	91.7	91.2
2021	167	90.3	110.7	112.0	108.0	91.9	91.5
2022	160	90.3	110.0	112.1	108.6	91.6	91.2
2023	118	90.6	110.0	111.9	109.0	91.4	90.8
2024	37	90.9	108.7	111.4	108.3	92.1	91.3

Tabel: 326 Montbéliard: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	10	105.0	121.4	99.3	105.4	114.5	104.2	101.2	96.3	117.9
103.1	106.6									
1981	16	105.1	120.7	99.3	104.6	115.1	104.1	101.2	96.3	117.9
102.8	106.5									
1984	14	105.5	120.1	99.0	105.4	114.5	103.1	102.7	95.9	116.8
102.8	106.9									
1985	20	105.4	121.2	99.5	105.8	114.8	103.4	102.2	96.3	117.5
103.2	106.3									
1986	21	105.2	120.5	99.3	105.5	114.4	103.3	102.1	96.1	117.1
103.2	106.3									

1987	27	105.2	120.7	99.8	106.4	113.5	104.0	101.8	97.3	116.5
		104.0	106.4							
1988	21	105.5	119.3	100.2	105.5	113.7	103.2	102.6	96.6	115.9
		104.0	106.0							
1989	66	105.6	120.9	100.1	104.8	115.6	103.8	102.3	95.3	118.4
		103.1	107.4							
1990	72	105.4	121.3	99.9	105.3	115.3	104.0	102.0	95.6	118.4
		103.0	107.7							
1991	45	105.9	121.4	99.6	105.8	115.4	103.5	102.6	96.2	118.2
		103.0	107.5							
1992	69	104.9	120.4	100.5	105.1	114.3	104.4	101.3	96.7	117.5
		103.5	106.8							
1993	77	104.2	121.4	100.0	106.1	113.9	105.0	100.6	95.8	118.2
		103.6	107.6							
1994	147	104.6	120.9	99.6	106.0	113.9	104.6	101.2	95.8	117.7
		103.3	107.5							
1995	104	104.0	120.7	100.1	106.0	113.3	105.0	100.7	95.9	117.2
		103.5	107.4							
1996	137	104.5	120.8	99.3	106.1	113.5	104.4	101.2	96.1	117.1
		103.3	107.1							
1997	138	104.6	121.1	99.4	106.5	113.4	104.7	101.2	96.2	117.3
		103.2	107.9							
1998	154	105.2	120.9	99.8	105.5	114.7	104.0	101.8	96.0	117.8
		103.0	107.6							
1999	181	105.7	121.0	99.4	106.0	114.9	104.0	102.2	96.3	117.8
		103.2	107.8							
2000	195	105.4	121.2	99.5	105.9	114.9	104.2	101.7	96.6	118.1
		103.1	107.9							
2001	214	105.5	121.4	99.4	106.4	114.6	104.4	101.7	97.0	118.1
		103.4	107.9							
2002	178	104.7	120.9	99.3	106.0	114.0	104.6	101.0	96.6	118.0
		102.8	107.9							
2003	251	105.1	120.7	100.0	106.3	114.3	104.3	101.6	96.2	117.6
		103.1	108.0							
2004	288	105.5	120.7	99.7	106.4	114.3	104.1	101.9	96.8	117.5
		103.1	107.9							
2005	363	105.8	121.0	99.2	106.5	114.3	103.9	102.0	97.3	117.6
		102.9	108.2							
2006	368	105.8	120.5	99.8	106.5	114.2	104.0	102.0	97.5	117.3
		103.0	108.1							
2007	404	105.3	120.2	99.8	106.5	113.4	104.3	101.5	97.7	116.8
		103.1	107.9							
2008	403	105.5	120.3	99.7	107.0	113.6	104.2	102.2	96.9	116.7
		103.3	108.0							
2009	423	105.9	120.2	99.6	107.3	113.5	104.0	102.7	96.9	116.5
		103.3	108.3							
2010	342	106.0	119.0	100.0	106.9	113.0	103.8	103.0	97.3	115.5
		103.2	108.0							
2011	268	106.1	118.6	100.1	106.6	112.9	103.7	103.2	97.5	115.2
		103.4	107.9							

2012	138	106.3	118.5	100.1	106.8	113.0	103.7	103.4	97.7	115.1
		103.6	107.9							
2013	97	105.2	117.8	99.8	106.3	111.8	104.2	102.2	97.6	114.4
		103.6	107.1							
2014	87	104.4	116.1	100.4	105.8	110.3	104.6	101.7	97.8	113.0
		104.0	106.2							
2015	39	105.4	116.6	100.5	106.4	111.0	104.0	102.7	97.9	113.3
		103.6	107.2							
2016	63	105.1	116.2	100.4	106.4	110.9	104.1	102.8	97.5	113.0
		103.9	106.8							
2017	38	105.4	116.4	100.6	105.9	111.4	103.8	102.8	97.8	113.4
		103.8	106.3							
2018	38	105.8	116.8	100.6	106.8	111.7	103.5	103.5	97.4	113.1
		103.9	106.9							
2019	27	105.2	116.3	100.2	106.6	110.6	103.4	103.0	97.5	112.5
		103.3	106.6							
2020	13	103.9	116.0	100.5	105.8	110.3	104.3	101.6	96.7	112.9
		104.1	105.5							

Tabel: 327 Montbéliard: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	10	92.6	98.8	84.1
1981	14	91.8	98.4	83.1
1984	12	91.8	97.8	84.4
1985	17	92.4	98.2	85.1
1986	20	91.7	97.5	85.1
1987	27	91.5	97.3	84.9
1988	20	91.6	97.0	85.5
1989	59	92.6	98.6	84.8
1990	64	92.8	98.9	84.8
1991	35	92.6	98.8	84.8
1992	59	91.9	98.2	83.9
1993	95	91.9	98.2	84.5
1994	147	91.7	98.0	84.6
1995	114	91.8	97.9	84.7
1996	139	92.0	97.9	84.8
1997	164	92.3	98.1	84.7
1998	164	92.5	98.6	84.4
1999	191	91.7	98.0	84.2
2000	204	91.8	98.0	84.2
2001	228	91.8	97.8	85.0
2002	235	91.8	97.8	85.2
2003	314	92.1	97.9	85.8
2004	363	92.1	97.6	86.0

2005	453	91.6	97.4	85.3
2006	524	92.1	97.6	85.8
2007	586	91.8	97.6	85.5
2008	653	91.5	97.4	85.1
2009	789	91.6	97.5	85.3
2010	753	92.1	97.8	85.8
2011	793	92.4	98.0	86.0
2012	812	92.8	98.4	86.0
2013	900	93.0	98.5	85.8
2014	883	93.6	99.1	86.3
2015	790	93.6	99.1	86.1
2016	689	93.8	99.3	86.4
2017	560	94.2	99.6	86.8
2018	531	94.7	100.0	87.3
2019	405	94.9	100.3	87.0
2020	391	95.0	100.3	87.2
2021	357	95.3	100.4	87.6
2022	333	95.3	100.3	87.9
2023	294	95.3	100.3	87.9
2024	108	94.9	99.7	88.1

Tabel: 328 Montbéliard: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	231	-4948.4	-17011.2	-765.8	-616.5
2002	184	-4800.9	-16539.0	-742.3	-598.6
2003	240	-4665.8	-15918.0	-724.0	-579.9
2004	272	-4656.6	-15876.6	-722.6	-578.8
2005	360	-4639.0	-15826.1	-720.9	-575.9
2006	367	-4538.4	-15480.8	-703.6	-564.6
2007	421	-4470.9	-15218.9	-693.6	-555.8
2008	427	-4323.3	-14643.7	-672.7	-536.1
2009	480	-4277.9	-14513.6	-665.2	-530.8
2010	471	-3959.0	-13358.1	-616.7	-490.4
2011	536	-3916.8	-13248.1	-609.4	-485.7
2012	552	-3545.2	-11914.9	-553.8	-438.1
2013	599	-3456.0	-11636.2	-538.7	-427.9
2014	537	-3302.1	-11047.2	-514.9	-408.7
2015	448	-3129.6	-10338.7	-489.8	-386.0
2016	365	-3049.0	-10187.4	-479.7	-374.4
2017	277	-2978.0	-9888.2	-471.5	-363.6
2018	234	-2673.5	-8978.4	-421.6	-327.6
2019	220	-2589.9	-8689.5	-408.9	-317.0
2020	217	-2593.3	-8724.7	-409.4	-317.4
2021	182	-2281.4	-7672.8	-362.3	-277.8
2022	45	-1766.9	-5910.3	-283.2	-213.3

Tabel: 329 Montbéliard: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1987	14	92.4	92.6	99.4	88.3
1989	28	94.7	93.7	99.9	91.2
1990	28	94.2	93.2	99.5	90.3
1991	22	94.5	93.4	99.9	91.0
1992	25	94.0	93.7	99.4	90.5
1993	33	93.2	92.8	99.0	88.3
1994	45	93.7	92.8	99.2	89.2
1995	29	93.3	92.9	99.1	89.0
1996	31	94.5	93.1	99.5	90.4
1997	59	93.9	93.2	99.0	89.5
1998	40	94.7	93.3	98.5	90.0
1999	27	95.6	93.2	98.5	90.9
2000	35	95.1	93.0	98.9	90.5
2001	25	94.5	92.0	99.8	90.3
2002	36	94.1	92.9	99.2	89.8
2003	51	93.9	92.9	99.2	89.7
2004	53	93.4	92.7	99.5	89.3
2005	66	92.6	91.8	99.0	87.5
2006	70	92.6	92.7	99.3	88.5
2007	84	92.2	92.5	99.4	88.3
2008	94	91.9	92.4	98.6	87.2
2009	136	92.3	91.9	99.2	87.6
2010	153	92.5	92.0	99.2	87.7
2011	184	92.7	93.1	99.3	88.6
2012	165	93.3	94.1	99.0	89.5
2013	196	92.9	94.9	98.3	89.3
2014	163	92.8	95.2	99.1	89.7
2015	155	93.0	96.2	98.4	90.1
2016	123	94.4	96.7	98.0	91.2
2017	75	95.8	97.5	97.3	92.2
2018	57	95.4	99.3	98.1	93.5
2019	39	96.8	100.3	98.4	95.6
2020	45	98.1	101.4	98.4	97.8
2021	41	98.5	101.6	98.2	98.1
2022	11	100.0	101.5	98.5	99.6

Tabel: 330 Montbéliard: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	13	98.6	98.5	0	0.0	0.0	0	0.0
1981	26	98.6	98.5	0	0.0	0.0	0	0.0
1982	21	99.1	98.7	0	0.0	0.0	0	0.0
1983	17	99.4	98.9	0	0.0	0.0	0	0.0
1984	25	98.0	98.8	0	0.0	0.0	0	0.0
1985	44	97.7	98.3	44	-6.2	239.9	0	0.0
1986	39	97.8	98.8	38	-6.0	231.2	0	0.0
1987	73	97.0	98.2	73	-6.1	242.3	0	0.0
1988	57	97.7	98.9	54	-6.1	236.9	0	0.0
1989	79	97.0	98.7	58	-5.1	127.0	0	0.0
1990	92	97.0	98.4	58	-4.9	120.9	0	0.0
1991	67	97.7	98.6	42	-5.3	158.1	0	0.0
1992	94	98.4	98.7	59	-4.9	157.6	0	0.0
1993	101	98.1	98.1	61	-4.3	116.9	0	0.0
1994	178	97.8	98.2	101	-4.5	131.8	0	0.0
1995	125	98.0	98.3	45	-4.6	134.9	0	0.0
1996	194	98.1	98.5	98	-4.8	157.6	0	0.0
1997	165	98.3	98.6	66	-3.8	84.1	0	0.0
1998	188	98.1	98.7	72	-3.8	71.9	0	0.0
1999	221	97.7	98.5	99	-4.1	93.7	0	0.0
2000	228	97.7	98.7	84	-3.9	77.1	0	0.0
2001	240	97.7	98.3	89	-4.0	81.0	31	103.4
2002	187	98.1	98.0	50	-3.1	42.9	42	103.2
2003	241	98.7	98.6	60	-3.1	42.5	44	103.8
2004	273	98.5	98.3	59	-2.8	34.9	39	103.2
2005	357	98.6	98.1	78	-2.4	6.8	68	104.0
2006	365	99.1	97.9	54	-2.3	7.4	44	104.3
2007	416	98.9	98.2	54	-1.7	-30.0	54	104.8
2008	422	98.6	97.6	58	-2.1	-9.7	55	104.7
2009	474	98.4	97.7	54	-1.6	-31.4	54	105.0
2010	460	98.7	98.0	44	-1.2	-43.8	42	105.7
2011	516	98.8	98.1	62	-1.6	-29.4	60	104.9
2012	528	99.4	98.6	57	-1.3	-38.9	57	104.4
2013	569	99.3	98.3	65	-1.2	-33.1	65	104.3
2014	532	99.1	97.9	71	-1.0	-30.5	69	104.0
2015	439	99.6	97.9	40	-0.6	-47.8	39	105.0
2016	362	99.4	97.1	62	-0.7	-43.1	60	104.3
2017	277	99.2	96.2	40	-0.6	-37.4	38	103.9
2018	227	99.4	96.3	39	-0.3	-59.3	39	105.3
2019	212	99.6	96.0	28	-0.5	-53.5	28	105.0
2020	212	99.6	96.7	13	-0.6	-43.8	13	104.5
2021	183	99.9	96.7	5	-0.9	4.2	1	110.0
2022	46	100.0	96.3	5	-0.4	-18.0	3	104.7

Tabel: 331 Montbéliard: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1985	13	100.0	0	0.0	0	0.0	13	99.9
1986	14	100.0	0	0.0	0	0.0	14	99.4
1987	24	100.0	0	0.0	0	0.0	24	99.8
1988	17	100.0	0	0.0	0	0.0	17	100.0
1989	34	100.0	0	0.0	0	0.0	34	99.5
1990	39	100.0	0	0.0	0	0.0	39	99.6
1991	26	100.0	0	0.0	0	0.0	26	99.7
1992	35	100.0	0	0.0	0	0.0	35	100.0
1993	49	100.0	0	0.0	1	100.0	49	99.1
1994	68	100.0	1	103.0	2	99.5	68	99.3
1995	45	100.0	0	0.0	0	0.0	45	99.2
1996	61	100.0	0	0.0	0	0.0	61	99.6
1997	87	100.0	1	103.0	1	97.0	87	99.9
1998	80	100.0	1	102.0	1	102.0	80	99.8
1999	74	100.0	0	0.0	0	0.0	74	99.6
2000	98	100.0	0	0.0	3	100.3	98	99.8
2001	73	100.0	0	0.0	0	0.0	73	99.5
2002	76	100.1	3	102.7	4	101.5	76	99.7
2003	105	100.0	0	0.0	2	99.5	105	99.3
2004	136	100.0	0	0.0	3	101.0	136	99.5
2005	160	100.0	0	0.0	0	0.0	160	99.6
2006	188	100.0	1	103.0	2	101.0	188	99.8
2007	226	100.1	8	102.4	8	97.9	226	100.0
2008	276	100.0	2	102.5	2	97.0	276	100.1
2009	340	100.0	2	103.5	3	99.3	340	99.9
2010	402	100.1	2	103.0	3	100.3	402	100.0
2011	461	100.2	0	0.0	2	99.5	461	100.0
2012	467	100.4	2	103.5	3	99.0	467	99.9
2013	513	100.4	1	104.0	2	100.0	513	100.1
2014	465	100.4	0	0.0	1	100.0	465	100.1
2015	386	100.5	1	103.0	1	100.0	386	100.1
2016	331	100.2	1	103.0	1	100.0	331	100.4
2017	245	100.2	0	0.0	0	0.0	245	100.5
2018	198	100.3	0	0.0	0	0.0	198	100.6
2019	174	100.3	0	0.0	0	0.0	174	100.7
2020	187	100.2	0	0.0	0	0.0	187	101.0
2021	168	100.1	0	0.0	0	0.0	168	100.7
2022	39	100.1	0	0.0	0	0.0	39	100.8

Tabel: 332 Montbéliard: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1992	10	103.6	101.1	104.4	101.7	105.4	102.0

1993	22	105.5	103.0	105.5	103.5	106.5	102.4
1994	26	104.8	102.2	104.8	102.9	106.1	102.6
1995	14	105.1	102.6	105.2	103.1	106.5	102.4
1996	14	104.0	101.8	104.0	102.1	105.7	101.9
1997	32	103.5	101.2	103.7	101.5	105.6	102.1
1998	25	103.8	101.1	104.4	101.8	105.6	102.1
1999	15	103.7	100.8	104.3	102.1	105.7	101.9
2000	12	104.2	101.2	104.8	102.2	105.9	102.4
2001	12	103.9	101.3	104.4	102.2	105.7	101.4
2002	14	103.7	101.1	104.3	101.9	105.6	101.9
2003	26	104.0	101.3	104.7	102.0	105.7	102.0
2004	25	103.4	100.8	103.8	101.6	105.4	101.7
2005	36	103.8	101.4	104.3	101.8	105.4	101.9
2006	30	103.9	101.4	104.2	102.0	105.8	102.4
2007	49	103.3	100.7	103.7	101.5	105.3	101.3
2008	50	103.3	100.4	103.9	101.7	105.3	101.4
2009	64	103.3	100.5	103.8	101.6	105.3	101.9
2010	64	103.3	100.5	103.7	101.6	105.2	101.9
2011	71	103.1	100.2	103.5	101.4	105.3	101.6
2012	79	102.7	100.0	103.4	101.0	105.1	101.6
2013	61	102.5	100.1	103.3	100.7	104.9	101.3
2014	70	102.7	99.9	103.5	101.1	104.9	101.1
2015	58	103.1	100.3	103.7	101.5	104.8	101.1
2016	40	102.7	100.0	103.4	101.2	104.8	100.7
2017	22	102.7	100.1	103.6	101.5	104.6	99.7

Tabel: 333 Piemontese: Vruchtbaarheidskenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1985	21	94.4	99.5	92.9	94.1	91.5	89.9	74.9	95.5
92.0									
1986	16	95.2	98.8	92.9	93.8	92.0	90.1	72.7	94.9
92.1									
1987	27	95.3	99.6	93.1	94.7	91.8	89.7	75.6	95.6
92.3									
1988	28	94.9	100.4	92.9	94.9	91.4	89.1	77.1	95.9
92.1									
1989	62	93.6	100.3	91.8	94.2	90.1	88.1	76.4	95.0
90.9									
1990	96	94.1	100.2	92.6	94.5	90.9	89.9	75.2	95.6
92.0									
1991	180	94.8	100.3	93.0	94.7	91.5	90.0	74.8	95.8
92.3									



1992	309	94.9	100.2	93.1	94.8	91.5	90.3	75.0	95.9
92.4									
1993	396	95.2	100.8	93.6	95.3	92.0	90.0	73.8	96.5
92.9									
1994	363	95.3	100.5	93.8	95.3	92.2	90.2	73.6	96.4
93.0									
1995	365	95.3	100.8	94.0	95.5	92.4	90.1	73.9	96.7
93.1									
1996	400	95.3	100.6	93.9	95.3	92.3	90.0	74.0	96.6
93.0									
1997	391	95.3	100.6	94.0	95.3	92.4	90.1	74.1	96.6
93.1									
1998	389	95.5	100.7	94.2	95.6	92.7	90.7	73.8	96.8
93.5									
1999	399	95.3	100.7	94.3	95.6	92.7	91.1	74.4	96.8
93.5									
2000	394	95.2	100.6	94.2	95.5	92.7	91.1	74.7	96.7
93.5									
2001	370	95.3	100.6	94.2	95.6	92.8	90.7	74.5	96.7
93.5									
2002	361	95.2	101.0	94.5	95.9	92.9	90.8	75.3	97.1
93.7									
2003	321	95.1	100.6	94.2	95.6	92.7	90.6	75.3	96.7
93.4									
2004	371	94.9	100.7	94.1	95.6	92.6	90.5	75.5	96.7
93.3									
2005	353	94.5	100.8	93.9	95.5	92.3	90.5	76.3	96.6
93.1									
2006	322	94.8	100.7	94.1	95.6	92.6	90.8	76.2	96.7
93.4									
2007	341	94.9	101.1	94.5	96.1	92.9	91.0	76.2	97.1
93.8									
2008	288	95.1	100.8	94.5	96.0	93.0	91.1	76.5	97.0
93.7									
2009	313	95.0	100.7	94.4	95.8	92.8	91.0	76.8	96.9
93.6									
2010	294	94.6	101.1	94.5	96.1	92.7	91.0	78.0	97.1
93.7									
2011	262	95.0	100.8	94.6	96.0	93.0	91.1	77.3	97.1
93.8									
2012	224	95.0	100.8	94.5	95.9	92.9	91.1	77.2	97.0
93.7									
2013	261	94.9	100.8	94.6	96.0	92.9	91.2	78.2	97.1
93.7									
2014	289	95.0	100.9	94.6	96.1	93.0	91.2	77.7	97.1
93.9									
2015	221	95.0	100.9	94.6	96.1	93.0	91.2	78.4	97.1
93.8									
2016	198	95.3	100.8	94.8	96.2	93.2	91.4	78.5	97.2
94.0									

2017	172	95.1	101.4	95.2	96.7	93.3	91.4	78.9	97.7
94.3									
2018	155	94.8	101.3	94.9	96.5	93.1	91.3	79.5	97.5
94.1									
2019	167	95.0	101.0	94.9	96.3	93.1	91.5	79.5	97.3
94.0									
2020	107	95.1	101.1	95.1	96.4	93.3	91.7	80.3	97.5
94.3									
2021	62	95.0	101.0	95.0	96.3	93.2	91.6	79.5	97.5
94.1									
2022	37	95.3	101.0	95.2	96.5	93.5	92.1	79.8	97.6
94.5									

Tabel: 334 Piemontese: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	14	73.9	115.9	121.8	103.2	92.0	94.0
1990	20	74.2	116.5	121.8	104.6	91.3	91.2
1991	41	75.3	116.3	121.1	105.3	93.6	93.0
1992	38	74.6	118.2	122.0	106.6	91.7	91.6
1993	36	76.4	117.8	120.4	103.6	91.3	93.2
1994	52	74.5	118.1	122.2	104.0	92.9	93.8
1995	64	76.1	117.3	120.8	104.3	92.9	94.0
1996	75	76.0	118.1	121.1	104.9	92.6	93.9
1997	75	76.3	117.7	120.5	104.3	93.9	94.0
1998	88	75.2	118.9	121.8	105.4	92.7	93.2
1999	108	76.5	118.3	120.8	106.0	93.5	93.4
2000	120	77.3	117.3	119.9	105.0	93.2	94.2
2001	135	77.2	118.0	120.2	105.2	93.6	94.0
2002	138	77.2	117.7	120.0	104.9	93.1	94.0
2003	115	77.4	117.8	119.8	104.5	94.4	94.7
2004	164	76.9	118.0	120.4	104.7	93.9	94.6
2005	201	77.4	118.3	120.1	105.8	94.4	94.4
2006	174	77.1	118.6	120.3	105.2	94.3	94.3
2007	321	78.2	118.6	119.4	105.7	93.2	93.5
2008	323	78.1	119.0	119.5	106.7	93.2	92.6
2009	301	77.8	118.6	119.9	107.5	93.8	92.5
2010	297	78.1	117.7	119.6	107.5	94.3	92.8
2011	272	79.0	118.3	119.0	108.1	93.7	92.0
2012	244	78.6	118.0	119.2	108.1	93.2	91.6
2013	229	79.2	117.9	118.7	107.9	93.4	92.0
2014	252	78.4	118.1	119.4	108.3	93.3	91.6
2015	221	79.0	116.4	118.6	107.5	93.2	92.0
2016	208	80.6	116.5	117.2	108.0	93.1	91.2
2017	201	79.7	115.8	117.8	107.9	93.0	90.8

2018	172	81.2	116.1	116.4	107.6	92.7	90.9
2019	162	81.8	115.3	116.0	107.4	92.8	91.2
2020	151	81.7	114.7	115.9	107.4	92.8	90.9
2021	147	79.7	115.9	117.6	106.8	93.1	91.4
2022	157	80.5	114.7	116.8	107.2	93.0	91.0
2023	130	80.8	114.9	116.6	107.5	92.9	90.8
2024	67	79.4	113.9	117.6	107.7	92.7	90.9

Tabel: 335 Piemontese: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1988	12	111.4	145.2	103.0	117.8	125.2	114.0	103.5	98.8	129.1
		118.2	113.7							
1989	22	111.0	146.4	104.9	117.7	126.1	114.8	103.0	98.4	131.1
		120.0	114.0							
1990	40	109.7	146.0	103.3	117.5	125.1	113.7	102.2	96.7	130.1
		118.7	113.0							
1991	82	110.0	146.0	104.1	117.5	125.4	113.8	102.3	97.4	130.6
		119.0	113.3							
1992	138	110.7	147.0	103.8	118.0	126.2	113.1	103.1	96.9	130.8
		118.7	113.5							
1993	170	109.9	146.3	104.1	116.8	125.8	113.2	102.6	96.7	130.3
		118.3	112.4							
1994	170	109.7	145.9	104.0	116.7	125.4	113.1	102.4	96.6	130.2
		118.2	112.6							
1995	179	109.9	146.7	104.3	117.2	125.7	113.5	102.4	96.7	130.6
		118.5	113.0							
1996	176	109.9	146.7	104.4	117.1	125.8	113.6	102.3	96.8	130.5
		118.6	112.8							
1997	185	109.9	146.9	104.5	117.2	125.8	113.7	102.2	96.9	130.7
		118.8	112.8							
1998	152	110.5	147.7	104.5	117.9	126.9	113.6	102.7	96.8	131.2
		118.7	113.8							
1999	191	110.7	148.0	104.5	118.2	126.9	113.7	102.8	96.9	131.5
		118.9	114.2							
2000	188	110.2	147.6	104.6	118.0	126.6	114.1	102.2	97.1	131.7
		119.1	114.0							
2001	186	110.5	148.3	104.7	118.7	126.9	115.0	102.0	97.3	132.3
		119.7	114.8							
2002	177	110.9	148.3	104.7	118.7	127.5	115.2	102.3	97.6	132.8
		119.7	115.2							
2003	158	110.9	148.5	104.8	119.1	127.3	115.1	102.4	97.4	132.9
		119.8	115.5							

2004	169	111.1	148.3	104.9	119.2	127.1	115.6	102.4	97.9	132.9
		120.2	115.7							
2005	162	111.3	149.3	105.4	119.9	127.4	115.8	102.6	97.7	133.6
		120.4	116.6							
2006	134	111.5	149.3	105.6	119.5	128.0	115.7	102.6	97.7	134.3
		120.3	116.7							
2007	124	111.2	149.7	105.1	119.8	127.8	115.7	102.3	97.4	134.2
		120.0	116.7							
2008	79	110.9	148.0	104.6	119.6	126.7	115.7	102.4	97.6	133.3
		119.6	116.7							
2009	66	111.3	148.7	104.7	120.5	127.0	116.0	102.7	97.7	133.4
		119.9	117.3							
2010	26	111.3	148.7	103.8	121.8	125.8	116.5	102.9	97.4	133.7
		119.6	119.0							

Tabel: 336 Blonde d'Aquitaine: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	36	95.5	97.6	91.9	92.7	91.5	79.9	51.4	93.7
		89.0							
1981	13	94.6	97.5	91.2	92.3	90.6	78.6	51.7	93.2
		88.2							
1982	18	98.0	95.9	92.8	92.3	93.3	82.9	50.0	93.4
		90.3							
1983	15	96.7	96.0	91.9	91.7	91.9	81.7	50.8	92.9
		89.3							
1984	19	97.2	96.2	92.1	92.3	92.4	82.1	50.3	93.1
		89.5							
1985	50	97.1	96.1	92.1	92.1	92.4	81.8	49.7	93.1
		89.5							
1986	78	97.4	97.1	93.2	93.2	93.1	82.7	50.9	94.3
		90.7							
1987	116	97.4	95.9	92.2	91.9	92.6	82.5	50.0	93.1
		89.7							
1988	184	96.8	96.4	92.2	92.2	92.2	82.4	51.8	93.3
		89.6							
1989	367	97.4	96.1	92.4	92.2	92.6	82.9	52.5	93.3
		89.9							
1990	503	97.3	96.2	92.5	92.4	92.6	82.9	52.4	93.4
		90.0							
1991	758	97.2	96.1	92.2	92.2	92.5	82.5	51.2	93.2
		89.7							

1992 89.2	1078	96.5	96.3	91.9	92.1	91.9	81.7	52.5	93.1
1993 89.4	1069	96.3	96.7	92.0	92.5	91.9	81.7	52.7	93.4
1994 89.4	897	96.4	96.7	92.0	92.4	91.9	81.7	52.5	93.4
1995 89.4	1027	96.3	96.7	92.1	92.5	91.9	81.5	52.6	93.4
1996 89.3	998	96.4	96.7	92.0	92.5	92.0	81.3	52.1	93.4
1997 89.4	1045	96.5	96.6	92.1	92.5	92.1	81.4	52.1	93.4
1998 89.4	958	96.3	96.8	92.1	92.6	92.0	81.5	52.7	93.5
1999 89.5	909	96.7	96.5	92.2	92.5	92.2	81.7	52.4	93.4
2000 89.7	954	96.6	96.9	92.4	92.8	92.3	81.8	52.4	93.7
2001 89.7	908	96.5	97.0	92.4	92.8	92.3	81.7	52.3	93.8
2002 89.9	838	96.6	97.1	92.5	93.0	92.4	81.9	52.5	93.9
2003 89.7	882	96.7	96.8	92.3	92.8	92.4	81.9	52.1	93.6
2004 89.6	917	96.6	96.7	92.1	92.6	92.2	81.8	52.2	93.5
2005 89.4	942	96.3	96.8	91.9	92.6	92.0	81.7	52.1	93.4
2006 89.5	984	96.4	96.8	92.0	92.7	92.1	81.8	52.2	93.4
2007 89.4	944	96.4	96.7	91.9	92.5	92.0	81.7	51.9	93.3
2008 89.5	990	96.4	96.7	91.9	92.6	92.1	81.9	52.2	93.3
2009 89.3	942	96.4	96.6	91.8	92.5	92.0	81.7	52.1	93.2
2010 89.3	929	96.3	96.7	91.8	92.5	92.0	81.8	52.2	93.2
2011 89.5	894	96.6	96.6	91.9	92.6	92.2	82.1	52.4	93.3
2012 89.5	838	96.5	96.6	91.9	92.5	92.2	82.1	52.4	93.2
2013 89.5	828	96.6	96.6	92.0	92.5	92.2	82.0	52.1	93.3
2014 89.4	827	96.5	96.5	91.9	92.5	92.1	82.0	52.5	93.2
2015 89.4	819	96.5	96.5	91.9	92.5	92.2	82.1	52.6	93.2
2016 89.4	727	96.7	96.2	91.9	92.3	92.2	82.1	52.6	93.0

2017	666	96.8	96.2	91.9	92.3	92.2	82.0	52.2	93.0
89.4									
2018	554	96.8	96.1	91.9	92.3	92.3	82.1	52.4	93.1
89.5									
2019	399	97.0	95.8	91.7	92.0	92.2	82.1	52.2	92.8
89.3									
2020	168	97.0	95.8	91.7	92.0	92.2	82.1	52.2	92.7
89.3									
2021	77	97.1	95.9	92.0	92.1	92.5	82.2	52.1	93.1
89.5									
2022	24	97.1	95.7	91.8	92.0	92.2	82.0	52.2	92.7
89.3									

Tabel: 337 Blonde d'Aquitaine: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12	70.8	120.8	133.2	0.0	0.0	0.0
1985	10	69.1	121.5	134.5	127.0	92.0	78.0
1987	21	68.5	122.4	134.9	129.0	94.0	83.0
1988	26	68.5	121.2	135.2	126.0	93.0	82.0
1989	42	67.9	122.0	135.7	126.5	94.5	81.0
1990	49	67.7	121.4	135.8	128.0	93.8	82.2
1991	55	67.2	121.5	136.2	127.3	92.0	80.0
1992	92	68.5	122.0	135.1	128.1	91.9	79.4
1993	114	69.3	122.0	134.5	128.5	92.1	79.9
1994	88	68.9	122.0	134.7	127.6	92.1	79.5
1995	82	69.9	121.2	133.8	127.8	92.2	80.2
1996	74	70.3	121.7	133.7	128.8	93.0	79.6
1997	105	70.8	121.7	133.0	128.1	92.3	80.4
1998	118	70.4	121.6	133.4	128.1	93.3	80.8
1999	115	70.0	121.7	133.5	127.1	93.2	81.1
2000	131	70.4	121.4	133.4	128.2	93.6	80.8
2001	160	71.5	121.4	132.4	128.2	93.8	80.9
2002	138	72.2	120.9	131.8	128.4	93.7	80.3
2003	172	71.4	121.7	132.4	128.0	93.4	80.3
2004	213	71.1	122.0	132.7	127.4	92.6	80.2
2005	280	70.9	122.4	133.0	127.5	93.0	81.2
2006	236	71.2	122.3	132.6	127.4	93.1	81.0
2007	426	72.4	122.8	131.3	127.2	92.7	80.1
2008	485	72.7	123.0	130.9	126.7	92.8	80.0
2009	427	72.7	122.8	130.9	126.6	92.3	79.8
2010	422	72.1	122.3	131.4	127.0	92.6	79.7
2011	431	71.5	121.9	132.1	128.3	92.9	79.5
2012	425	71.3	121.7	132.4	128.9	92.9	79.3
2013	405	70.8	121.5	132.9	128.5	92.8	79.5

2014	444	70.8	121.1	132.7	127.7	93.5	80.4
2015	394	70.5	120.7	133.1	128.5	93.5	79.9
2016	372	69.6	121.1	133.9	128.5	93.6	79.8
2017	390	70.1	120.9	133.4	128.2	93.5	80.0
2018	381	70.4	121.0	133.2	128.6	93.3	79.5
2019	317	70.0	120.8	133.6	128.5	94.0	80.1
2020	321	69.3	121.1	134.1	128.3	94.2	80.1
2021	300	69.5	120.7	133.9	127.7	93.7	80.2
2022	267	69.4	120.7	134.1	128.3	94.1	80.3
2023	264	69.7	120.6	133.8	128.0	94.1	80.3
2024	142	69.4	120.5	134.1	128.1	94.3	81.1

Tabel: 338 Blonde d'Aquitaine: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	11	117.5	149.6	106.7	131.6	131.9	115.6	107.4	102.5	131.9
		119.5	122.8							
1985	12	116.5	148.7	106.8	133.3	128.0	116.8	107.6	102.0	131.0
		119.9	124.8							
1986	14	115.1	147.3	105.6	132.0	126.6	116.2	106.6	100.6	130.9
		118.0	124.1							
1987	30	116.6	148.8	106.1	133.9	127.7	117.0	107.6	101.6	130.9
		119.5	125.6							
1988	41	116.6	148.2	106.6	133.4	128.1	116.9	107.4	102.0	130.4
		119.6	124.7							
1989	85	116.4	149.3	106.7	133.6	128.4	117.0	107.1	101.8	131.2
		119.9	124.5							
1990	98	116.1	149.0	106.6	133.1	128.0	116.8	106.9	101.6	130.9
		119.7	124.1							
1991	231	115.5	148.6	106.5	132.6	128.0	116.5	106.5	101.1	130.3
		119.5	123.2							
1992	341	115.7	149.0	106.9	132.8	128.6	116.7	106.5	101.2	130.8
		120.0	123.3							
1993	351	116.1	149.2	106.9	133.2	128.7	116.7	106.9	101.5	130.6
		120.0	123.7							
1994	245	116.5	148.9	107.0	133.4	128.5	116.8	107.2	102.0	130.2
		120.2	123.9							
1995	229	116.6	149.7	106.6	133.8	128.9	116.6	107.3	101.8	130.7
		119.8	123.9							
1996	227	116.0	148.7	106.8	132.5	128.7	116.3	106.7	101.9	130.2
		119.6	122.5							
1997	256	116.6	149.6	106.9	132.9	129.4	116.1	107.1	102.2	130.9
		119.3	123.0							

1998	242	116.9	149.9	107.3	133.3	129.9	116.5	107.2	102.5	131.1
		120.0	123.2							
1999	258	117.4	150.1	106.9	133.9	129.8	116.4	107.6	102.7	131.2
		119.7	123.8							
2000	275	116.8	149.6	106.4	133.5	129.4	116.3	107.3	102.4	130.9
		119.5	123.4							
2001	265	116.7	149.7	106.3	133.4	129.6	116.3	107.2	102.2	131.0
		119.4	123.4							
2002	218	116.8	149.3	106.8	132.8	129.7	116.5	107.2	102.4	131.1
		119.6	123.4							
2003	212	117.2	148.9	107.1	132.5	129.6	115.9	107.5	102.9	130.8
		119.3	123.2							
2004	246	117.3	148.5	107.2	132.2	129.5	115.5	107.8	102.7	130.6
		118.8	123.7							
2005	230	116.9	148.0	107.5	132.3	128.8	116.0	107.6	102.5	130.2
		119.1	123.8							
2006	176	117.0	147.4	107.7	131.5	129.0	115.8	107.6	102.4	130.2
		119.0	123.6							
2007	174	116.9	147.5	107.4	131.7	128.9	115.7	107.7	102.0	130.3
		119.0	123.8							
2008	128	116.9	147.6	107.4	131.4	129.2	115.4	107.7	101.9	130.4
		119.0	123.3							
2009	107	116.9	147.4	107.1	132.0	128.3	115.4	107.9	102.1	129.9
		118.8	123.6							
2010	43	116.5	147.7	107.2	131.6	128.8	115.5	107.5	101.7	130.5
		118.9	123.5							
2011	24	117.9	149.4	106.8	135.0	128.2	115.9	109.2	102.1	130.6
		118.6	126.6							

Tabel: 339 Blonde d'Aquitaine: Reproductiestoornissen  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
2014	11	102.7	100.5	104.0	102.7	101.4	101.5

Tabel: 340 Normande: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1995	12	-2053.0	-83.2	-71.8	-92.3	14.2	3.2	1.8	-558.1
2000	11	-1830.6	-77.2	-62.6	-82.3	7.3	4.9	1.7	-500.9
2007	12	-1819.2	-80.1	-65.2	-71.8	2.1	0.0	17.6	-521.0



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NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 341 Normande: Vruchtbaarheidsskenmerken  
Basis: Melkdoel rood  
Land: NL

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Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1995	10	102.1	104.5	101.6	103.6	101.3	98.3	83.2	103.3
101.6									
2007	10	103.3	102.8	101.5	102.8	101.5	98.6	83.5	102.3
101.3									

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Tabel: 342 Normande: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: NL

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Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1995	12	-156.8	-558.1	0.0	94.9	101.6	84.5	90.5	97.5
211.8									
2000	11	-149.3	-500.9	-279.4	94.8	100.4	83.0	93.0	0.0
231.2									
2007	12	-185.8	-521.0	-496.6	94.9	101.3	85.0	92.5	97.0
156.0									

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Tabel: 343 Normande: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

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Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2007	10	-5248.5	-18538.0	-807.5	-657.2

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Tabel: 344 Normande: Overige productie en efficiency kenm.

Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1995	12	100.2	96.4	12	-5.5	211.8	0	0.0
2000	11	100.0	96.0	11	-5.4	231.2	0	0.0
2007	12	101.0	96.3	12	-4.6	156.0	2	96.0

Tabel: 345 Normande: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1995	10	100.0	0	0.0	0	0.0	10	98.6
2007	10	100.0	0	0.0	0	0.0	10	99.7

Tabel: 346 KRB: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2015	14	-183.3	-11.9	-16.1	-2.2	-4.9	-14.2	9.9	-105.4
2017	14	-82.7	-4.4	-11.6	1.3	0.0	-12.6	8.1	-63.1
2018	16	18.4	-5.1	-8.7	8.8	-8.4	-14.3	12.2	-52.7
2019	12	-268.3	-8.5	-15.0	-6.3	6.1	-8.0	9.5	-90.0

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 347 KRB: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
2015	14	99.0	98.6	97.8	98.1	98.9	98.8	94.3	97.9
98.2									
2017	10	98.7	98.3	97.6	97.9	98.8	98.7	93.8	97.7
98.0									
2018	14	98.4	98.6	97.5	98.0	98.4	98.6	94.6	97.6
98.0									

Tabel: 348 KRB: NVI met onderliggende kenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
2015 21.2	14	-76.2	-105.4	-243.4	97.5	98.2	0.0	0.0	98.0
2017 16.6	14	-52.6	-63.1	-152.4	97.7	98.0	0.0	0.0	98.0
2018 15.7	16	-45.1	-52.7	-101.8	98.2	98.0	0.0	0.0	98.0
2019 22.1	12	-65.8	-90.0	-227.6	97.7	98.6	0.0	0.0	98.5

Tabel: 349 KRB: Levensproductiekenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2015	14	-2604.3	-9020.6	-383.5	-338.1
2017	13	-1847.0	-6535.6	-261.6	-247.0
2018	16	-1482.8	-4977.1	-213.5	-195.9
2019	12	-2447.2	-8929.2	-355.5	-321.1

Tabel: 350 KRB: Overige productie en efficiency kenm.  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
2015	14	96.7	93.5	14	-0.7	21.2	0	0.0
2017	14	96.7	93.9	14	-0.4	16.6	0	0.0
2018	16	96.8	94.1	16	-0.3	15.7	0	0.0
2019	12	95.7	94.7	12	-0.6	22.1	0	0.0

Tabel: 351 KRB: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2010	11	99.9	0	0.0	0	0.0	11	95.1
2013	12	99.8	0	0.0	0	0.0	12	94.4
2015	14	99.6	0	0.0	0	0.0	14	93.8
2017	14	99.4	0	0.0	0	0.0	14	92.9
2018	16	99.4	0	0.0	0	0.0	16	93.1
2019	12	99.9	0	0.0	0	0.0	12	95.0