

Genetische trends van koeien in Nederland

Datum: 08-12-2020

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:

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
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
Vru	=	Vruchtbaarheidsindex
MS	=	Melksnelheid
Kar	=	Karakter
SCC	=	Celgetal
SKM	=	Subklinische mastitis
KM	=	Klinische mastitis
NVI	=	NVI
Lvd	=	Levensduur
Ugh	=	Uiergezondheidsindex

Kgh = Klauwgezondsheidsindex
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 = Bevleesdheid koe
Ve_ko = Vetbedekking koe
Gw_ko = Gewicht koe
Be_ka = Bevleesdheid kalf
Ve_ka = Vetbedekking kalf
Gr_ka = Groei kalf
Vlkl = Vleeskleur kalf
Be_st = Bevleesdheid 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
Pers = Persistentie
RTM = Laatrijpheid
DSopn = Kg droge stof opname
Gew = Lichaamsgewicht
BVK = Besparing voerkosten voor onderhoud (euro/lact)
SAin = Stofwisselingsaandoeningen index
MZ = Melkziekte index
SMZ = Klinische Ketose / Slepande 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

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
 Montbéliard
 Piemontese
 Blonde d'Aquitaine

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Tabel: 233 Belgisch Blauw Mixt, basis Y: Geboortekenmerken
Tabel: 234 Belgisch Blauw Mixt, basis Y: Vleeskenmerken
Tabel: 235 Belgisch Blauw Mixt, basis Y: Levensproductiekenmerken
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: Geboortekenmerken
Tabel: 242 Witrood, basis Y: Vleeskenmerken
Tabel: 243 Witrood, basis Y: Levensproductiekenmerken
Tabel: 244 Witrood, basis Y: Overige productie en efficiency kenm.
Tabel: 245 Witrood, basis Y: Stofwisselingsaandoeningen
Tabel: 246 Belgisch Blauw, basis B: Vruchtbaarheidskenmerken
Tabel: 247 Belgisch Blauw, basis B: Levensvatbaarheidskenmerken
Tabel: 248 Belgisch Blauw, basis B: Geboortekenmerken
Tabel: 249 Belgisch Blauw, basis B: Vleeskenmerken
Tabel: 250 Belgisch Blauw, basis B: Stofwisselingsaandoeningen
Tabel: 251 Belgisch Blauw, basis B: Reproductiestoornissen
Tabel: 252 Brand rood, basis Y: Melkproductiekenmerken
Tabel: 253 Brand rood, basis Y: Vruchtbaarheidskenmerken
Tabel: 254 Brand rood, basis Y: NVI met onderliggende kenmerken
Tabel: 255 Brand rood, basis Y: Levensvatbaarheidskenmerken
Tabel: 256 Brand rood, basis Y: Geboortekenmerken
Tabel: 257 Brand rood, basis Y: Vleeskenmerken
Tabel: 258 Brand rood, basis Y: Kalvervitaliteit
Tabel: 259 Brand rood, basis Y: Levensproductiekenmerken
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Tabel: 261 Fleck Vieh, basis Y: Melkproductiekenmerken
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Tabel: 265 Fleck Vieh, basis Y: Exterieurkenmerken bovenbalk
Tabel: 266 Fleck Vieh, basis Y: Vruchtbaarheidskenmerken
Tabel: 267 Fleck Vieh, basis Y: Gebruikskenmerken
Tabel: 268 Fleck Vieh, basis Y: NVI met onderliggende kenmerken
Tabel: 269 Fleck Vieh, basis Y: Klauwgezondheidskenmerken
Tabel: 270 Fleck Vieh, basis Y: Levensvatbaarheidskenmerken
Tabel: 271 Fleck Vieh, basis Y: Geboortekenmerken
Tabel: 272 Fleck Vieh, basis Y: Vleeskenmerken
Tabel: 273 Fleck Vieh, basis Y: Kalvervitaliteit
Tabel: 274 Fleck Vieh, basis Y: Levensproductiekenmerken
Tabel: 275 Fleck Vieh, basis Y: Robot / AMS kenmerken

Tabel: 276 Fleck Vieh, basis Y: Overige productie en efficiency kenm.
Tabel: 277 Fleck Vieh, basis Y: Stofwisselingsaandoeningen
Tabel: 278 Fleck Vieh, basis Y: Reproductiestoornissen
Tabel: 279 Brown Swiss, basis R: Melkproductiekenmerken
Tabel: 280 Brown Swiss, basis R: Exterieurkenmerken bouw
Tabel: 281 Brown Swiss, basis R: Exterieurkenmerken beenwerk
Tabel: 282 Brown Swiss, basis R: Exterieurkenmerken uier
Tabel: 283 Brown Swiss, basis R: Exterieurkenmerken bovenbalk
Tabel: 284 Brown Swiss, basis R: Vruchtbaarheidsskenmerken
Tabel: 285 Brown Swiss, basis R: Gebruikskenmerken
Tabel: 286 Brown Swiss, basis R: NVI met onderliggende kenmerken
Tabel: 287 Brown Swiss, basis R: Klauwgezondheidskenmerken
Tabel: 288 Brown Swiss, basis R: Levensvatbaarheidsskenmerken
Tabel: 289 Brown Swiss, basis R: Geboortekenmerken
Tabel: 290 Brown Swiss, basis R: Vleeskenmerken
Tabel: 291 Brown Swiss, basis R: Kalvervitaliteit
Tabel: 292 Brown Swiss, basis R: Levensproductiekenmerken
Tabel: 293 Brown Swiss, basis R: Robot / AMS kenmerken
Tabel: 294 Brown Swiss, basis R: Overige productie en efficiency kenm.
Tabel: 295 Brown Swiss, basis R: Stofwisselingsaandoeningen
Tabel: 296 Brown Swiss, basis R: Reproductiestoornissen
Tabel: 297 Zweeds Roodbont, basis R: Melkproductiekenmerken
Tabel: 298 Zweeds Roodbont, basis R: Exterieurkenmerken bouw
Tabel: 299 Zweeds Roodbont, basis R: Exterieurkenmerken beenwerk
Tabel: 300 Zweeds Roodbont, basis R: Exterieurkenmerken uier
Tabel: 301 Zweeds Roodbont, basis R: Exterieurkenmerken bovenbalk
Tabel: 302 Zweeds Roodbont, basis R: Vruchtbaarheidsskenmerken
Tabel: 303 Zweeds Roodbont, basis R: NVI met onderliggende kenmerken
Tabel: 304 Zweeds Roodbont, basis R: Levensvatbaarheidsskenmerken
Tabel: 305 Zweeds Roodbont, basis R: Geboortekenmerken
Tabel: 306 Zweeds Roodbont, basis R: Vleeskenmerken
Tabel: 307 Zweeds Roodbont, basis R: Kalvervitaliteit
Tabel: 308 Zweeds Roodbont, basis R: Levensproductiekenmerken
Tabel: 309 Zweeds Roodbont, basis R: Overige productie en efficiency kenm.
Tabel: 310 Zweeds Roodbont, basis R: Stofwisselingsaandoeningen
Tabel: 311 Montbéliard, basis R: Melkproductiekenmerken
Tabel: 312 Montbéliard, basis R: Exterieurkenmerken bouw
Tabel: 313 Montbéliard, basis R: Exterieurkenmerken beenwerk
Tabel: 314 Montbéliard, basis R: Exterieurkenmerken uier
Tabel: 315 Montbéliard, basis R: Exterieurkenmerken bovenbalk
Tabel: 316 Montbéliard, basis R: Vruchtbaarheidsskenmerken
Tabel: 317 Montbéliard, basis R: Gebruikskenmerken
Tabel: 318 Montbéliard, basis R: NVI met onderliggende kenmerken
Tabel: 319 Montbéliard, basis R: Klauwgezondheidskenmerken
Tabel: 320 Montbéliard, basis R: Levensvatbaarheidsskenmerken
Tabel: 321 Montbéliard, basis R: Geboortekenmerken
Tabel: 322 Montbéliard, basis R: Vleeskenmerken
Tabel: 323 Montbéliard, basis R: Kalvervitaliteit
Tabel: 324 Montbéliard, basis R: Levensproductiekenmerken
Tabel: 325 Montbéliard, basis R: Robot / AMS kenmerken
Tabel: 326 Montbéliard, basis R: Overige productie en efficiency kenm.
Tabel: 327 Montbéliard, basis R: Stofwisselingsaandoeningen
Tabel: 328 Montbéliard, basis R: Reproductiestoornissen
Tabel: 329 Piemontese, basis Y: Vruchtbaarheidsskenmerken
Tabel: 330 Piemontese, basis Y: Geboortekenmerken
Tabel: 331 Piemontese, basis Y: Vleeskenmerken
Tabel: 332 Blonde d'Aquitaine, basis Y: Vruchtbaarheidsskenmerken
Tabel: 333 Blonde d'Aquitaine, basis Y: Geboortekenmerken
Tabel: 334 Blonde d'Aquitaine, basis Y: Vleeskenmerken
Tabel: 335 Blonde d'Aquitaine, basis Y: Reproductiestoornissen

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	2636	-2631.1	-88.5	-94.8	-119.7	38.4	-4.8	0.8	-610.5
1981	3221	-2542.0	-86.0	-92.9	-115.6	35.9	-6.6	0.8	-596.2
1982	3608	-2449.0	-81.2	-89.6	-111.3	36.7	-6.3	0.7	-571.2
1983	5254	-2381.1	-77.2	-88.0	-108.2	38.0	-7.5	0.7	-555.4
1984	8065	-2368.1	-75.0	-87.2	-107.6	40.5	-6.8	0.7	-547.4
1985	12692	-2389.7	-73.7	-86.1	-108.6	44.2	-4.0	0.7	-540.7
1986	20415	-2369.3	-71.6	-83.8	-107.7	46.3	-1.3	0.7	-526.2
1987	34755	-2290.9	-69.2	-80.8	-104.1	44.3	-0.8	0.7	-507.8
1988	62385	-2213.4	-66.5	-77.8	-100.6	43.1	-0.4	0.7	-489.0
1989	92132	-2126.6	-62.3	-75.1	-96.6	43.2	-0.8	0.7	-467.5
1990	118653	-2025.6	-60.6	-72.2	-92.0	38.9	-1.6	0.7	-450.8
1991	132051	-1853.3	-55.6	-66.3	-84.1	34.6	-1.7	0.7	-413.7
1992	153585	-1707.0	-53.2	-62.2	-77.5	28.4	-3.2	0.7	-390.0
1993	182847	-1620.7	-51.2	-59.2	-73.5	25.7	-3.1	0.6	-372.3
1994	197498	-1499.3	-49.1	-55.5	-68.0	21.2	-3.7	0.6	-351.0
1995	235118	-1355.8	-43.6	-50.3	-61.4	20.1	-3.5	0.6	-316.3
1996	238013	-1253.1	-41.1	-46.6	-56.8	17.2	-3.2	0.6	-294.4
1997	237849	-1193.1	-37.4	-43.7	-54.0	18.6	-2.2	0.6	-274.1
1998	246463	-1125.3	-35.0	-41.1	-50.9	17.8	-1.8	0.6	-257.4
1999	250913	-1097.1	-32.4	-39.1	-49.6	19.8	-0.5	0.6	-243.3
2000	241926	-958.2	-29.4	-35.4	-43.6	15.8	-1.8	0.2	-219.9
2001	245887	-920.7	-28.2	-33.6	-43.7	15.3	-1.2	-2.0	-210.1
2002	230748	-808.7	-27.7	-31.0	-39.2	9.7	-2.8	-2.7	-197.1
2003	230834	-780.9	-25.3	-30.1	-38.7	11.1	-2.9	-3.7	-188.0
2004	233428	-699.7	-22.8	-26.7	-34.5	9.8	-2.2	-3.1	-167.7
2005	232001	-654.4	-21.8	-25.0	-32.2	8.6	-2.1	-2.8	-158.0
2006	248165	-558.0	-20.5	-21.5	-26.9	5.1	-1.8	-1.7	-139.3
2007	238309	-477.1	-19.2	-18.7	-22.9	2.5	-1.9	-1.3	-124.0
2008	248632	-436.0	-18.3	-17.2	-20.9	1.5	-1.8	-1.2	-115.4
2009	242455	-382.8	-16.6	-15.2	-18.3	0.7	-1.6	-0.9	-102.7
2010	237868	-336.4	-13.9	-12.9	-16.0	1.7	-0.8	-0.8	-86.9
2011	238656	-278.5	-11.2	-10.5	-12.6	1.9	-0.3	0.1	-70.3
2012	242142	-246.8	-10.1	-8.8	-11.3	1.6	0.4	-0.1	-60.7
2013	255022	-203.9	-7.9	-6.8	-9.3	2.0	1.0	-0.0	-47.1
2014	252353	-116.8	-4.8	-3.8	-5.6	1.4	0.9	-0.3	-27.4
2015	230256	-24.3	-0.3	-0.4	-1.3	1.9	1.1	-0.2	-2.8
2016	206865	74.7	4.9	3.7	3.2	3.1	1.9	-0.3	26.5
2017	187327	178.9	9.2	7.5	8.3	2.9	2.0	0.1	52.6
2018	115793	273.3	13.0	11.3	12.6	2.5	2.4	0.1	77.3
2019	10	556.5	7.9	17.4	24.8	-15.7	-1.6	-0.7	95.3

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	2798	87.9	94.8	88.1	87.3	105.0	98.2	95.4
1981	3311	88.6	95.6	89.2	88.4	105.0	98.0	95.8
1982	3753	89.2	95.7	90.3	89.3	104.3	97.2	95.6
1983	5722	89.2	96.0	90.4	89.5	104.1	97.0	95.6
1984	8235	89.2	96.3	90.9	90.0	104.0	96.9	95.8

1985	12206	89.1	96.5	91.0	90.2	103.8	96.7	95.8
1986	18016	89.2	96.7	91.3	90.4	103.7	96.2	95.6
1987	27401	89.6	96.6	91.9	90.9	103.1	96.2	96.5
1988	41780	89.7	96.8	92.5	91.3	102.7	96.2	96.9
1989	57230	90.1	96.7	92.8	91.6	102.2	96.6	96.9
1990	73291	90.4	96.2	93.0	91.8	101.6	97.1	96.9
1991	82646	91.0	96.9	93.4	92.3	101.3	97.1	96.7
1992	98248	91.5	97.2	94.0	92.8	101.0	97.3	96.9
1993	110913	91.6	96.9	93.7	92.7	100.6	97.3	97.1
1994	116793	91.9	96.7	94.3	93.3	100.0	97.8	97.4
1995	138230	92.0	96.4	94.1	93.4	99.7	97.5	96.7
1996	139818	92.3	96.8	94.6	93.9	99.6	97.7	96.5
1997	139351	92.8	96.7	94.9	94.4	99.3	98.0	96.5
1998	143236	92.9	97.0	95.2	94.5	99.3	97.8	96.6
1999	144865	93.3	96.9	95.4	94.9	99.0	98.3	96.7
2000	141409	93.9	97.0	95.9	95.3	98.7	98.7	97.3
2001	141152	94.2	96.8	95.9	95.5	98.6	98.6	97.3
2002	134147	94.5	96.9	96.2	96.0	98.3	99.0	97.3
2003	135933	95.0	97.1	96.7	96.5	98.2	99.1	97.6
2004	137704	95.4	97.2	96.8	96.5	98.1	99.5	97.7
2005	135112	96.0	97.4	97.1	96.9	98.0	99.8	98.0
2006	138854	96.6	98.1	97.7	97.2	98.4	99.9	98.6
2007	129607	96.9	98.4	98.1	97.5	98.6	100.1	98.9
2008	132157	97.2	98.6	98.3	97.7	98.7	100.1	99.4
2009	130569	97.4	98.7	98.5	97.8	99.0	99.9	99.4
2010	127788	97.6	99.0	98.6	97.9	99.2	99.8	99.5
2011	124512	98.1	99.5	98.9	98.2	99.8	99.6	99.5
2012	121922	98.7	99.6	99.1	98.6	100.0	99.6	99.7
2013	123349	99.0	99.6	99.3	99.0	99.8	99.7	99.7
2014	118478	99.6	99.9	99.7	99.6	99.8	100.1	99.8
2015	105939	99.8	100.0	99.9	99.9	100.1	100.0	99.9
2016	94459	100.0	100.2	100.0	100.1	100.2	99.9	100.1
2017	83309	100.7	100.5	100.2	100.4	100.3	99.8	100.5
2018	34161	101.2	100.6	100.4	101.0	100.3	100.0	100.5

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	2798	91.2	102.6	97.7	95.5	89.2
1981	3311	92.6	102.0	97.7	95.8	90.0
1982	3753	93.0	102.5	97.4	96.0	90.6
1983	5722	93.5	102.8	97.2	96.6	91.2
1984	8235	93.4	102.8	97.2	96.9	91.0
1985	12206	93.6	102.7	97.2	97.1	91.2
1986	18016	94.0	102.6	97.1	97.2	91.6
1987	27401	94.2	103.0	96.9	96.8	91.7
1988	41780	94.4	103.4	96.5	96.7	91.6
1989	57230	94.6	103.4	96.6	96.7	92.0
1990	73291	94.3	103.4	96.3	96.6	91.9
1991	82646	94.5	103.5	96.3	97.0	92.6
1992	98248	94.6	103.6	96.1	97.3	93.0
1993	110913	95.1	103.3	96.3	97.2	93.2
1994	116793	95.2	103.1	96.7	97.2	93.4
1995	138230	95.4	103.0	96.7	97.1	94.1
1996	139818	95.3	103.2	96.6	97.5	94.3
1997	139351	95.5	103.2	96.3	97.8	94.8
1998	143236	95.4	103.2	96.4	97.8	94.8
1999	144865	95.5	103.3	96.3	97.7	94.9
2000	141409	95.7	103.0	96.3	97.3	95.1

2001	141152	95.9	102.6	96.7	97.3	95.4
2002	134147	96.1	102.4	96.8	97.5	95.8
2003	135933	96.6	102.9	96.6	98.1	96.3
2004	137704	96.7	102.4	97.3	98.2	96.4
2005	135112	97.2	102.5	97.6	98.0	96.8
2006	138854	97.2	101.7	98.2	97.6	97.0
2007	129607	97.5	101.3	98.6	97.8	97.3
2008	132157	97.6	101.2	98.8	97.8	97.5
2009	130569	97.7	100.9	99.1	98.0	97.7
2010	127788	97.9	100.7	99.3	98.4	97.9
2011	124512	97.9	100.3	99.6	98.7	97.9
2012	121922	98.3	100.2	99.7	99.0	98.4
2013	123349	98.6	100.4	99.6	99.3	98.8
2014	118478	99.4	100.3	99.6	99.8	99.5
2015	105939	100.0	100.0	100.0	100.1	100.0
2016	94459	100.9	99.9	100.3	100.7	100.9
2017	83309	101.2	99.7	100.7	100.9	101.2
2018	34161	101.6	99.5	101.1	101.3	101.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	2798	92.1	89.1	100.7	93.9	86.4	90.8	90.1
1981	3311	91.7	89.3	100.8	94.0	86.5	91.1	90.5
1982	3753	92.3	89.7	100.6	94.1	87.0	91.5	90.9
1983	5722	92.5	89.7	100.7	93.9	87.1	91.6	90.6
1984	8235	92.2	89.4	100.8	93.4	87.5	91.5	90.4
1985	12206	92.3	89.0	100.7	93.6	88.0	91.4	90.0
1986	18016	92.3	89.1	100.7	93.4	88.4	91.7	90.2
1987	27401	92.1	89.7	100.5	93.0	88.8	92.4	90.6
1988	41780	92.1	90.0	100.4	92.5	88.9	92.6	90.9
1989	57230	92.3	90.8	100.4	92.9	89.2	93.0	91.3
1990	73291	92.5	91.2	100.0	92.9	89.3	93.6	92.0
1991	82646	92.7	91.3	100.8	93.2	90.5	94.0	92.3
1992	98248	92.8	91.7	101.1	93.2	91.0	94.7	92.9
1993	110913	92.4	91.6	101.0	93.1	91.3	94.9	93.2
1994	116793	92.5	92.3	101.0	93.0	91.5	95.0	94.0
1995	138230	92.6	92.5	101.7	93.1	92.2	95.3	94.3
1996	139818	93.0	92.7	101.6	93.2	92.3	95.6	94.6
1997	139351	93.5	92.7	101.5	93.5	92.9	95.9	94.9
1998	143236	93.6	93.0	101.4	93.5	92.9	95.9	95.1
1999	144865	93.9	93.3	101.3	93.7	93.3	96.1	95.3
2000	141409	93.9	94.1	101.0	93.8	93.7	96.4	95.9
2001	141152	94.1	94.4	101.3	94.1	94.2	96.2	96.0
2002	134147	94.5	95.1	101.2	94.3	94.3	96.2	96.0
2003	135933	95.1	95.3	101.0	94.7	94.8	96.9	96.7
2004	137704	95.5	95.6	101.2	95.1	95.6	97.5	97.4
2005	135112	95.8	96.1	101.1	95.3	95.8	97.8	97.9
2006	138854	96.3	96.9	101.1	95.8	96.1	98.1	98.1
2007	129607	96.6	97.2	101.0	96.2	96.5	98.2	98.3
2008	132157	97.0	97.6	100.7	96.5	96.9	98.6	98.7
2009	130569	97.3	97.5	100.4	96.9	97.0	98.7	98.5
2010	127788	97.6	97.9	100.0	97.3	97.2	98.8	98.7
2011	124512	98.0	98.6	99.6	97.8	97.4	98.9	98.9
2012	121922	98.6	98.9	99.6	98.6	98.0	99.1	99.1
2013	123349	99.0	99.0	99.7	98.9	98.3	99.1	99.3
2014	118478	99.4	99.5	99.9	99.4	99.2	99.5	99.6
2015	105939	99.9	99.9	100.0	99.9	99.8	99.9	99.9
2016	94459	100.4	100.3	100.0	100.2	100.3	99.8	99.9

2017	83309	101.1	100.5	100.1	101.0	100.9	99.9	99.9
2018	34161	101.9	100.8	100.2	101.8	101.6	100.2	100.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2798	90.9	91.2	88.3	89.0	0.0	83.9
1981	3311	91.6	92.5	88.3	90.0	0.0	84.9
1982	3753	91.5	92.9	88.9	90.4	0.0	85.4
1983	5722	91.5	93.0	88.9	90.9	0.0	85.7
1984	8235	91.8	93.5	88.7	90.7	0.0	85.7
1985	12206	91.9	93.7	89.0	90.9	0.0	86.0
1986	18016	91.7	93.8	89.1	91.3	0.0	86.2
1987	27401	92.3	94.1	89.3	91.3	0.0	86.6
1988	41780	92.8	94.5	89.2	91.3	0.0	86.7
1989	57230	93.1	94.3	89.7	91.6	0.0	87.1
1990	73291	93.2	94.0	89.9	91.5	0.0	87.2
1991	82646	93.5	94.4	90.6	92.0	0.0	88.0
1992	98248	94.0	94.8	90.9	92.3	0.0	88.5
1993	110913	93.9	94.3	90.9	92.6	0.0	88.6
1994	116793	94.5	94.6	90.9	92.9	0.0	88.9
1995	138230	93.7	94.2	91.2	93.5	0.0	89.1
1996	139818	94.0	94.6	91.4	93.6	0.0	89.5
1997	139351	94.3	94.9	92.0	94.0	0.0	90.1
1998	143236	94.4	95.0	92.0	94.0	0.0	90.2
1999	144865	94.8	95.2	92.4	94.0	0.0	90.5
2000	141409	95.5	95.5	92.6	94.2	0.0	91.0
2001	141152	95.3	95.5	92.9	94.6	0.0	91.3
2002	134147	95.7	95.7	93.2	95.0	0.0	91.8
2003	135933	96.2	96.1	93.8	95.4	0.0	92.6
2004	137704	96.5	96.1	94.4	95.7	0.0	93.1
2005	135112	97.0	96.4	94.7	96.2	0.0	93.7
2006	138854	97.7	97.1	95.2	96.4	0.0	94.4
2007	129607	98.2	97.6	95.6	96.8	0.0	95.1
2008	132157	98.6	97.9	96.1	97.0	0.0	95.6
2009	130569	98.6	98.2	96.5	97.2	0.0	95.9
2010	127788	98.7	98.5	96.8	97.4	0.0	96.3
2011	124512	98.8	99.0	97.3	97.4	0.0	96.7
2012	121922	99.0	99.4	98.0	97.9	0.0	97.4
2013	123349	99.1	99.6	98.3	98.3	0.0	97.9
2014	118478	99.6	100.0	99.1	99.0	0.0	98.9
2015	105939	99.7	100.4	99.7	99.6	0.0	99.6
2016	94459	99.8	100.7	100.2	100.5	0.0	100.4
2017	83309	100.0	101.0	101.1	100.9	0.0	101.2
2018	34161	100.3	101.3	102.0	101.4	0.0	102.1

Tabel: 6 Holstein Friesian - zwartbont: Vruchtbaarheidsskenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	4097	104.2	102.5	102.4	102.7	101.9	101.3	87.9	102.8
1981	4976	103.5	102.3	102.2	102.4	101.6	101.6	89.6	102.5
1982	5712	103.1	101.9	101.5	101.7	101.0	101.1	89.3	101.7
1983	8452	102.9	101.7	101.4	101.6	100.9	100.9	89.8	101.6
1984	12378	103.0	101.6	101.4	101.6	101.1	100.9	89.4	101.7

1985	18420	103.1	101.5	101.4	101.5	101.1	100.8	89.0	101.6
1986	28536	103.0	101.3	101.2	101.3	100.9	100.3	89.0	101.3
1987	46907	103.1	101.3	101.0	101.2	100.9	101.5	89.5	101.2
1988	74973	103.1	100.6	100.7	100.7	100.6	101.4	89.7	100.7
1989	107778	102.8	100.3	100.3	100.3	100.2	100.8	90.5	100.4
1990	140667	102.6	100.1	100.3	100.3	100.1	100.7	90.9	100.3
1991	163527	102.3	99.6	99.6	99.6	99.5	100.7	91.4	99.6
1992	187846	101.9	99.5	99.4	99.4	99.3	100.9	92.0	99.3
1993	223573	102.2	98.9	99.3	99.0	99.3	100.9	92.2	99.1
1994	248853	101.9	98.6	99.1	98.7	99.2	100.6	92.8	98.8
1995	282932	101.8	98.0	98.6	98.0	98.9	100.4	93.0	98.2
1996	288782	101.3	98.1	98.4	97.9	98.6	100.2	93.4	98.0
1997	288437	101.0	97.9	98.2	97.7	98.3	99.7	93.7	97.8
1998	299866	100.5	97.9	97.8	97.4	97.8	99.6	94.2	97.4
1999	293017	100.7	97.4	97.7	97.1	97.8	99.5	94.3	97.2
2000	282982	100.3	97.4	97.4	96.8	97.4	99.1	94.8	96.9
2001	285718	100.4	97.3	97.5	96.8	97.6	99.2	95.3	97.0
2002	274067	100.2	97.6	97.6	97.0	97.6	99.3	95.7	97.2
2003	277847	100.4	97.3	97.7	97.0	97.8	99.5	95.8	97.2
2004	276282	100.0	97.3	97.5	96.8	97.6	99.5	96.1	97.0
2005	266696	99.9	97.3	97.4	96.8	97.5	99.5	96.3	96.9
2006	274269	99.3	97.6	97.1	96.8	97.1	98.5	96.8	96.8
2007	273902	99.2	97.6	97.1	96.8	97.1	98.5	97.3	96.8
2008	292711	99.2	97.8	97.3	97.0	97.2	98.6	97.5	96.9
2009	287436	99.6	98.0	97.8	97.4	97.8	99.0	98.0	97.4
2010	274821	100.0	98.1	98.1	97.7	98.2	99.2	98.1	97.8
2011	272462	100.1	98.5	98.5	98.2	98.7	99.1	98.2	98.3
2012	277466	100.1	99.1	99.0	98.8	99.0	99.3	98.5	98.8
2013	289226	100.2	99.4	99.5	99.3	99.5	99.5	98.9	99.3
2014	291763	100.2	99.9	99.9	99.8	99.9	99.8	99.5	99.8
2015	283595	100.0	100.0	100.0	99.9	100.0	100.0	99.8	100.0
2016	255440	100.3	100.2	100.5	100.3	100.5	100.1	100.2	100.4
2017	218793	100.4	100.3	100.7	100.6	100.8	100.1	100.7	100.7
2018	174052	100.7	100.5	101.2	101.0	101.3	100.3	101.0	101.2
2019	37185	100.8	100.7	101.5	101.3	101.6	100.2	101.1	101.5

Tabel: 7 Holstein Friesian - zwartbont: Gebruikskkenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1659	98.7	81.9	97.3	101.8	106.2
1981	1988	98.8	86.1	96.3	100.7	105.0
1982	2232	98.9	88.3	96.1	100.3	104.4
1983	3091	99.2	91.1	95.8	100.2	104.3
1984	4479	99.2	92.2	95.7	99.9	104.0
1985	6286	99.4	93.5	95.7	99.8	103.9
1986	9617	99.5	94.5	95.4	99.5	103.5
1987	15337	99.5	95.1	95.1	99.1	102.8
1988	24222	99.3	95.4	94.8	98.6	102.3
1989	36666	99.8	95.5	94.5	98.0	101.5
1990	50764	99.8	95.5	94.4	97.8	101.2
1991	67581	99.5	94.6	93.9	96.8	100.0
1992	96938	99.3	95.1	93.9	96.6	99.7
1993	109028	99.2	95.4	94.1	96.7	99.7
1994	114995	99.4	96.1	94.0	96.4	99.4
1995	135375	99.5	95.6	93.7	95.9	98.6
1996	136222	99.6	95.5	94.0	96.1	98.3
1997	135383	99.4	95.5	94.3	96.4	98.4
1998	138868	99.4	95.3	94.1	96.0	97.8
1999	139408	99.4	95.8	94.3	96.0	97.8

2000	136848	99.5	96.3	94.5	96.1	97.7
2001	136816	99.7	96.8	94.4	95.8	97.3
2002	129882	99.8	96.9	94.5	95.7	96.9
2003	131479	99.9	97.2	94.8	96.0	97.3
2004	132939	99.5	96.8	95.1	96.2	97.5
2005	129115	99.7	97.4	95.1	96.0	97.4
2006	132210	100.0	97.9	95.6	96.5	97.8
2007	122877	100.1	98.4	95.8	96.5	97.7
2008	124953	100.2	98.8	96.0	96.6	97.9
2009	123320	100.2	98.6	96.4	96.9	98.1
2010	120489	100.3	98.9	96.7	97.1	98.1
2011	117333	100.5	99.2	97.4	97.7	98.5
2012	114798	100.5	99.2	97.9	98.2	98.7
2013	115250	100.5	99.4	98.4	98.6	99.0
2014	110029	100.4	99.6	99.2	99.3	99.6
2015	97813	100.0	99.9	99.9	100.0	100.0
2016	85572	99.8	100.3	100.6	100.5	100.3
2017	75256	99.4	100.5	101.4	101.1	100.7
2018	30920	99.9	100.9	101.9	101.4	100.8

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	2636	-283.1	-610.5	-254.8	104.9	102.8	88.3	89.0	97.4	99.4
1981	3221	-283.9	-596.2	-264.5	103.5	102.5	88.3	90.0	97.6	88.7
1982	3608	-281.9	-571.2	-288.6	102.9	101.7	88.9	90.4	97.4	96.7
1983	5254	-279.0	-555.4	-328.4	102.9	101.6	88.9	90.9	97.8	89.2
1984	8065	-286.5	-547.4	-418.7	102.5	101.7	88.7	90.7	97.8	82.9
1985	12692	-262.1	-540.7	-478.1	102.4	101.6	89.0	90.9	97.8	126.3
1986	20415	-266.0	-526.2	-526.9	102.0	101.3	89.1	91.3	97.6	115.7
1987	34755	-268.6	-507.8	-573.7	101.4	101.2	89.3	91.3	97.4	100.1
1988	62385	-272.1	-489.0	-604.3	100.8	100.7	89.2	91.3	97.5	87.4
1989	92132	-268.0	-467.5	-601.3	100.0	100.4	89.7	91.6	97.4	84.1
1990	118653	-261.5	-450.8	-584.6	99.8	100.3	89.9	91.5	97.4	84.2
1991	132051	-253.3	-413.7	-554.3	98.5	99.6	90.6	92.0	97.5	77.9
1992	153585	-245.2	-390.0	-526.1	98.2	99.3	90.9	92.3	97.5	72.5
1993	182847	-238.8	-372.3	-517.7	98.2	99.1	90.9	92.6	97.9	73.8
1994	197498	-232.3	-351.0	-501.2	97.9	98.8	90.9	92.9	98.0	72.2
1995	235118	-219.4	-316.3	-438.8	97.1	98.2	91.2	93.5	97.8	73.0
1996	238013	-209.0	-294.4	-402.8	97.1	98.0	91.4	93.6	97.8	69.5
1997	237849	-199.6	-274.1	-390.6	97.3	97.8	92.0	94.0	97.5	67.9
1998	246463	-199.2	-257.4	-396.5	96.7	97.4	92.0	94.0	97.4	64.9
1999	250913	-195.9	-243.3	-395.8	96.7	97.2	92.4	94.0	97.0	63.2
2000	241926	-185.9	-219.9	-369.9	96.6	96.9	92.6	94.2	97.3	58.8
2001	245887	-180.2	-210.1	-352.7	96.3	97.0	92.9	94.6	97.2	57.8
2002	230748	-171.1	-197.1	-328.2	96.0	97.2	93.2	95.0	97.4	55.3
2003	230834	-163.4	-188.0	-323.4	96.4	97.2	93.8	95.4	97.5	51.5
2004	233428	-151.8	-167.7	-295.7	96.6	97.0	94.4	95.7	97.6	48.5
2005	232001	-146.9	-158.0	-289.3	96.4	96.9	94.7	96.2	97.7	45.5
2006	248165	-135.4	-139.3	-271.5	96.9	96.8	95.2	96.4	98.0	36.7
2007	238309	-126.5	-124.0	-247.7	96.9	96.8	95.6	96.8	97.7	31.4
2008	248632	-118.6	-115.4	-233.3	97.0	96.9	96.1	97.0	97.9	27.6
2009	242455	-105.2	-102.7	-203.0	97.3	97.4	96.5	97.2	98.1	24.1
2010	237868	-93.8	-86.9	-185.1	97.4	97.8	96.8	97.4	98.1	20.6
2011	238656	-77.2	-70.3	-146.0	97.9	98.3	97.3	97.4	98.4	14.6
2012	242142	-62.2	-60.7	-116.5	98.3	98.8	98.0	97.9	98.7	10.8
2013	255022	-47.0	-47.1	-84.8	98.7	99.3	98.3	98.3	99.0	9.3
2014	252353	-24.9	-27.4	-46.5	99.4	99.8	99.1	99.0	99.6	5.0
2015	230256	-5.4	-2.8	-10.0	100.0	100.0	99.7	99.6	99.8	0.8

2016	206865	20.5	26.5	42.3	100.5	100.4	100.2	100.5	100.4	-2.9
2017	187327	43.2	52.6	95.6	101.0	100.7	101.1	100.9	100.9	-7.3
2018	115793	65.5	77.3	139.0	101.2	101.2	102.0	101.4	101.5	-11.1
2019	10	99.0	95.3	215.6	103.1	101.5	104.0	101.8	101.9	-7.4

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	99	94.1	95.1	97.9	95.0	95.1	98.5	98.5
1981	225	94.5	96.0	98.0	95.1	96.0	98.3	97.9
1982	304	94.5	95.8	98.1	95.2	95.9	98.4	97.6
1983	318	95.5	95.8	98.6	96.8	96.1	98.9	97.5
1984	415	95.1	94.9	98.6	96.9	95.1	98.9	97.9
1985	619	96.1	95.8	98.8	97.5	96.2	99.8	98.0
1986	1424	95.9	95.4	99.0	97.4	95.9	100.1	97.7
1987	2865	96.2	95.3	99.4	97.5	96.3	100.4	98.0
1988	5571	96.8	95.1	100.1	98.6	95.7	100.5	98.0
1989	10694	97.6	95.4	100.7	99.7	95.8	101.0	97.9
1990	17675	97.6	95.2	100.7	99.8	95.6	100.8	97.8
1991	22123	98.2	95.7	101.1	100.2	96.1	100.7	98.5
1992	28060	98.0	95.6	101.0	100.1	95.7	100.7	98.5
1993	36381	97.1	95.3	100.4	99.1	95.3	100.3	98.3
1994	42383	96.8	95.2	100.6	98.4	95.4	100.1	97.5
1995	82860	96.9	96.3	100.2	98.0	96.1	99.4	97.5
1996	69049	97.2	96.7	100.3	98.2	96.4	99.4	97.6
1997	94282	97.0	96.8	100.3	98.1	95.9	99.1	97.2
1998	111463	96.9	96.4	100.4	98.3	95.6	98.9	96.9
1999	117451	96.8	96.4	100.2	98.2	95.2	99.0	96.7
2000	118044	96.8	96.8	100.2	97.7	95.6	98.9	96.8
2001	120603	96.8	97.1	100.0	97.6	95.7	99.1	96.8
2002	120623	96.9	97.4	100.0	97.8	95.7	99.1	96.6
2003	128012	96.9	97.2	99.9	98.0	95.7	98.8	96.7
2004	131457	96.9	96.9	99.9	98.3	95.8	98.7	96.6
2005	127599	97.0	96.7	100.1	98.4	96.0	99.0	96.7
2006	133855	97.4	97.4	99.9	98.6	96.5	99.3	96.9
2007	127601	97.6	97.9	99.6	98.6	97.0	99.2	97.3
2008	131525	97.7	98.2	99.4	98.6	97.3	99.1	97.6
2009	131460	98.0	98.3	99.5	98.7	97.7	99.2	98.1
2010	128850	98.0	98.4	99.3	98.7	98.2	99.1	98.3
2011	126010	98.6	99.0	99.4	99.2	98.8	99.0	98.9
2012	123783	99.1	99.3	99.5	99.6	99.2	99.1	99.2
2013	126136	99.2	99.3	99.7	99.6	99.2	99.3	99.3
2014	121973	99.7	99.6	100.0	100.0	99.6	99.8	99.6
2015	108910	100.0	100.0	100.0	100.1	100.0	100.0	100.0
2016	96763	100.4	100.2	100.2	100.3	100.5	100.4	100.2
2017	84205	100.9	100.7	100.3	100.5	101.0	100.9	100.5
2018	34957	101.6	101.3	100.6	100.8	101.6	101.3	100.9

Tabel: 10 Holstein Friesian - zwartbont: Levensvatbaarheidskkenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1418	97.2	99.1	97.2	99.1	94.8	99.6
1981	1830	97.1	99.4	97.1	99.4	94.6	99.8
1982	2288	96.5	99.8	96.5	99.8	93.9	100.0

1983	3538	96.9	99.9	96.9	99.9	94.1	100.3
1984	5538	96.7	100.0	96.7	100.0	94.1	100.2
1985	8613	96.6	100.0	96.6	100.0	94.0	100.3
1986	13899	96.5	99.9	96.5	99.9	93.9	100.2
1987	23688	96.1	99.9	96.1	99.9	93.7	100.4
1988	40288	96.1	99.9	96.1	99.9	93.8	100.4
1989	63076	96.3	99.8	96.3	99.8	94.2	100.3
1990	94730	96.6	99.7	96.6	99.7	94.6	100.1
1991	124766	96.8	99.7	96.8	99.7	94.9	100.1
1992	150375	96.8	99.8	96.8	99.8	95.1	100.2
1993	218332	97.5	99.8	97.5	99.8	95.5	100.4
1994	281330	97.8	99.6	97.8	99.6	95.8	100.2
1995	316211	98.2	99.3	98.2	99.3	96.1	99.8
1996	326344	98.2	99.2	98.2	99.2	96.2	99.7
1997	335040	97.9	99.1	97.9	99.1	95.7	99.5
1998	350258	98.2	98.8	98.2	98.8	96.1	99.1
1999	354193	97.8	98.6	97.8	98.6	95.7	99.0
2000	346966	97.9	98.9	97.9	98.9	95.9	99.3
2001	340635	98.1	98.6	98.1	98.6	96.1	99.4
2002	333596	98.6	98.4	98.6	98.4	96.9	99.3
2003	332950	98.5	98.6	98.5	98.6	97.0	99.2
2004	328917	98.6	98.6	98.6	98.6	97.2	99.2
2005	307810	98.7	98.7	98.7	98.7	97.2	99.4
2006	306135	99.0	98.7	99.0	98.7	97.5	99.2
2007	303530	98.7	98.5	98.7	98.5	97.5	99.1
2008	329053	98.5	98.9	98.5	98.9	97.8	99.1
2009	330437	98.5	99.1	98.5	99.1	98.1	99.3
2010	314633	98.6	99.0	98.6	99.0	98.6	99.1
2011	304191	98.8	99.1	98.8	99.1	99.2	99.0
2012	308906	99.1	99.2	99.1	99.2	99.6	99.2
2013	321276	99.2	99.5	99.2	99.5	99.9	99.5
2014	330988	99.8	99.7	99.8	99.7	100.4	99.8
2015	339151	99.9	99.9	99.9	99.9	100.4	99.9
2016	331971	100.2	100.3	100.2	100.3	100.7	100.3
2017	288180	100.5	100.7	100.5	100.7	101.0	100.6
2018	271396	100.7	101.2	100.7	101.2	101.2	100.8
2019	248963	100.8	101.5	100.8	101.5	101.4	101.1
2020	197303	100.9	101.8	100.9	101.8	101.4	101.2

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1694	97.8	104.3	101.4	79.7	82.9	84.0
1981	2088	97.7	104.1	101.6	83.0	85.9	87.0
1982	2355	96.6	104.7	102.7	85.4	88.2	89.8
1983	3806	96.9	104.8	102.3	89.2	91.9	93.7
1984	5592	97.0	104.7	102.2	90.4	93.7	95.5
1985	7971	97.5	104.5	101.4	92.2	96.2	97.4
1986	12656	97.5	104.5	101.5	93.6	97.9	98.9
1987	19936	97.8	104.1	100.8	94.3	98.7	99.7
1988	32008	97.9	104.0	100.8	94.6	99.0	100.0
1989	45014	97.9	103.4	100.8	94.5	99.0	99.7
1990	59932	98.1	103.0	100.6	94.6	99.0	99.6
1991	74714	98.0	102.3	100.8	94.6	98.8	99.7
1992	88528	97.8	102.1	101.0	94.9	98.9	100.0
1993	99819	98.0	102.3	101.0	95.0	99.0	100.1
1994	111731	97.7	102.8	101.5	95.2	98.8	100.1
1995	132180	97.5	102.5	102.0	95.0	98.6	99.7
1996	135319	97.6	102.3	102.0	94.7	98.6	99.6

1997	131921	97.7	102.2	101.9	94.9	98.4	99.3
1998	137043	97.7	102.2	102.1	94.6	98.5	99.5
1999	139983	97.3	102.0	102.6	94.8	98.6	99.6
2000	139477	97.2	102.3	102.8	95.2	98.6	99.7
2001	141586	97.0	102.4	103.0	95.2	98.5	99.5
2002	136063	97.5	102.1	102.5	95.1	98.5	99.5
2003	142282	97.7	102.0	102.2	95.4	98.5	99.5
2004	148817	97.4	102.2	102.5	95.7	98.3	99.9
2005	153201	97.4	101.9	102.6	96.4	98.5	99.9
2006	163180	97.7	101.6	102.1	96.7	98.4	100.1
2007	181242	97.8	101.4	102.1	97.0	98.6	100.1
2008	199835	97.7	101.3	102.2	97.4	98.7	100.2
2009	210171	97.7	101.2	102.2	97.7	98.7	100.2
2010	203829	97.9	101.1	102.1	97.8	98.8	100.2
2011	202496	98.4	100.8	101.5	98.3	98.9	100.0
2012	204650	98.8	100.7	101.1	98.8	99.3	99.9
2013	211544	99.0	100.5	100.9	99.2	99.5	99.9
2014	223470	99.2	100.3	100.8	99.6	99.6	100.0
2015	221891	99.3	100.4	100.8	99.8	99.9	99.9
2016	204344	99.5	100.2	100.6	100.2	99.9	99.8
2017	168676	99.6	100.0	100.5	100.8	100.2	99.8
2018	133407	100.0	99.8	100.0	101.1	100.7	99.9
2019	98601	100.1	99.3	99.8	101.3	100.7	99.8
2020	79687	100.3	99.1	99.6	101.6	100.9	99.7

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	1756	104.4	110.3	94.8	101.6	107.5	96.9	103.6	98.9	108.4	98.4	102.0
1981	2205	104.4	109.7	95.3	101.7	107.3	97.0	103.9	98.5	108.0	98.5	102.3
1982	2556	104.0	108.6	95.9	101.1	106.3	96.7	103.6	98.9	106.9	98.4	101.8
1983	3768	104.2	109.1	95.6	101.3	106.8	96.8	103.7	98.8	107.5	98.3	102.1
1984	5664	103.9	109.2	95.7	101.4	106.5	97.1	103.6	98.5	107.4	98.4	102.4
1985	8371	103.6	109.3	95.7	101.4	106.3	97.4	103.3	98.3	107.3	98.4	102.6
1986	13156	103.6	108.8	96.1	101.2	106.1	97.5	103.3	98.4	107.0	98.4	102.5
1987	21377	103.5	108.5	96.9	100.8	106.3	97.5	103.1	98.4	106.7	98.6	102.1
1988	35474	103.2	107.7	97.2	100.5	105.9	97.6	102.8	98.6	106.3	98.3	101.9
1989	54165	103.0	106.9	97.6	100.3	105.5	97.5	102.7	98.5	105.9	98.3	101.6
1990	79933	102.9	106.3	97.7	99.9	105.6	97.2	102.7	98.5	105.5	98.2	101.0
1991	101785	102.7	105.8	98.6	100.2	104.6	98.0	102.5	98.8	104.9	98.7	101.5
1992	134565	102.5	105.2	98.9	100.3	104.0	98.3	102.4	98.8	104.4	99.0	101.5
1993	164762	102.4	104.8	99.2	100.0	103.8	98.5	102.2	99.1	104.4	99.0	101.5
1994	183802	102.2	104.0	99.5	99.5	103.6	98.4	101.9	99.5	104.0	98.9	101.1
1995	223387	101.7	103.6	99.5	99.4	102.9	98.8	101.3	99.7	103.8	98.9	101.0
1996	241080	101.5	103.2	99.6	99.2	102.7	98.6	101.2	99.4	103.4	98.8	100.7
1997	260515	101.4	102.8	99.9	99.1	102.6	98.6	101.1	99.6	103.2	99.1	100.5
1998	259313	101.5	102.4	100.2	99.2	102.5	98.6	101.1	100.0	103.1	99.0	100.6
1999	277086	101.3	102.2	100.4	99.3	102.0	98.9	100.9	100.1	102.8	99.3	100.6
2000	257517	101.1	101.9	100.3	99.3	101.7	99.3	100.6	100.2	102.5	99.4	100.7
2001	258744	100.8	101.8	100.2	99.3	101.4	99.6	100.3	100.3	102.3	99.5	100.7
2002	261666	100.7	101.4	100.4	99.2	101.3	99.7	100.1	100.3	102.1	99.4	100.5
2003	256763	100.5	100.9	100.5	99.1	101.0	99.7	100.1	100.3	101.7	99.6	100.4
2004	258858	100.7	100.8	100.4	99.2	101.0	99.6	100.3	100.3	101.6	99.4	100.4
2005	246492	100.5	100.5	100.6	99.2	100.7	100.1	100.2	100.4	101.3	99.8	100.3
2006	253425	100.3	100.5	100.5	99.7	100.5	100.2	100.0	100.3	101.1	99.9	100.3
2007	233001	100.1	100.3	100.4	99.7	100.2	100.3	99.9	100.3	100.8	100.0	100.2
2008	233417	100.1	100.2	100.4	99.8	100.1	100.3	99.8	100.2	100.7	100.0	100.3
2009	224880	99.9	100.3	100.1	99.9	99.8	100.4	99.8	100.1	100.6	100.1	100.2
2010	199474	100.1	100.3	99.8	99.9	100.0	100.0	100.1	100.1	100.6	99.7	100.2

2011	170425	100.3	100.3	99.6	100.1	100.2	99.6	100.4	99.7	100.6	99.4	100.3
2012	142371	100.4	100.1	99.7	100.1	100.2	99.4	100.7	99.5	100.4	99.5	100.1
2013	135265	100.1	99.6	100.0	99.8	99.9	99.5	100.6	99.3	100.1	99.6	99.9
2014	124143	100.1	99.3	100.3	99.7	99.8	99.5	100.9	98.7	99.6	99.9	99.9
2015	107629	100.2	99.1	100.3	99.7	99.9	99.3	101.1	98.6	99.5	100.0	100.0
2016	94830	100.2	98.9	100.3	99.6	99.7	99.2	101.2	98.5	99.4	99.8	100.1
2017	82505	100.3	98.7	100.4	99.8	99.7	99.3	101.4	98.5	99.3	100.0	100.4
2018	33178	100.3	98.5	100.6	99.8	99.6	99.3	101.5	98.5	99.1	100.1	100.4

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1393	98.5	100.0	99.2
1981	1791	98.8	100.1	99.3
1982	2228	98.5	99.9	98.8
1983	3454	99.0	100.2	99.1
1984	5471	98.7	100.0	98.7
1985	8513	98.6	99.9	98.6
1986	13708	98.3	99.7	98.5
1987	23401	98.5	99.8	98.7
1988	39840	98.6	99.9	98.8
1989	62319	98.3	99.7	98.7
1990	93635	98.4	99.8	98.9
1991	121841	98.6	100.0	98.7
1992	147826	98.7	100.2	98.8
1993	226497	99.0	100.5	98.9
1994	302928	99.1	100.4	99.2
1995	339876	99.5	100.6	99.3
1996	350247	99.6	100.6	99.3
1997	361837	99.8	100.6	99.6
1998	376477	99.8	100.5	99.8
1999	375362	99.7	100.4	99.8
2000	365906	99.9	100.4	99.9
2001	357946	99.9	100.3	100.1
2002	352499	99.8	100.2	100.1
2003	351859	99.9	100.2	100.2
2004	346301	100.2	100.5	100.3
2005	322642	100.2	100.4	100.4
2006	319650	99.8	100.0	100.3
2007	317585	99.7	99.8	100.3
2008	345096	99.7	99.8	100.1
2009	346397	99.7	99.8	100.2
2010	329044	99.7	99.9	100.1
2011	318081	99.9	100.1	100.1
2012	323442	99.9	100.1	100.1
2013	335897	100.0	100.2	100.1
2014	346523	100.0	100.1	100.0
2015	358674	100.0	100.0	99.9
2016	352153	100.3	100.2	100.1
2017	307918	100.4	100.2	100.0
2018	294122	100.3	99.9	100.1
2019	277385	100.1	99.6	100.0
2020	213137	100.1	99.6	99.9

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	246702	-2928.3	-11897.7	-489.4	-423.9
2002	231561	-2754.0	-11037.9	-464.0	-397.4
2003	231567	-2697.2	-10846.8	-451.4	-390.7
2004	234307	-2489.9	-10026.7	-418.0	-359.9
2005	232941	-2426.6	-9755.1	-409.1	-349.9
2006	249080	-2270.8	-9067.3	-387.5	-325.2
2007	239187	-2087.4	-8274.5	-359.5	-297.4
2008	249687	-1973.8	-7795.0	-341.5	-280.5
2009	243722	-1751.8	-6898.6	-304.3	-248.4
2010	239622	-1593.3	-6307.3	-276.5	-226.0
2011	240619	-1300.9	-5153.9	-225.9	-184.4
2012	244190	-1082.7	-4296.2	-189.9	-152.4
2013	257339	-835.3	-3341.9	-147.3	-117.1
2014	254754	-517.7	-2035.7	-93.1	-71.8
2015	233024	-191.4	-755.4	-35.8	-25.8
2016	209873	264.9	997.2	44.3	38.6
2017	189614	719.1	2800.5	122.7	103.1
2018	108155	1089.0	4247.2	185.8	156.2
2019	11	1814.3	7660.7	283.1	271.9

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

Jaar	Aantal	Eff	Int	Gewen
1980	333	97.8	93.3	102.5
1981	528	99.2	92.4	102.4
1982	586	99.5	92.1	102.4
1983	652	98.8	92.3	102.4
1984	891	98.4	91.5	102.5
1985	1034	98.6	91.6	102.4
1986	1680	98.6	91.4	102.4
1987	2659	98.4	90.6	102.3
1988	4124	98.3	90.4	102.5
1989	5853	98.5	90.0	102.7
1990	8137	98.4	90.0	102.9
1991	9808	98.8	90.3	101.6
1992	12228	98.7	90.3	101.4
1993	14633	98.7	90.4	101.5
1994	16015	98.9	90.0	101.9
1995	20482	99.3	90.6	101.1
1996	22578	99.7	91.0	101.3
1997	24467	99.6	91.0	101.2
1998	26709	99.8	91.2	101.1
1999	27947	99.9	91.1	101.2
2000	29758	100.3	91.6	101.0
2001	33000	100.5	91.6	100.8
2002	34273	100.8	92.1	100.2
2003	37896	100.8	92.0	100.5
2004	42551	100.6	92.6	100.5
2005	44028	100.6	92.7	100.9
2006	49874	100.8	93.5	100.7
2007	52389	100.9	94.1	100.5
2008	59914	100.9	94.4	100.5
2009	69560	100.8	94.7	100.4

2010	76033	100.9	95.3	100.2
2011	78407	100.9	96.4	99.9
2012	79961	100.8	97.3	100.0
2013	85897	100.7	98.3	100.1
2014	86315	100.4	99.3	100.2
2015	80903	99.9	99.9	100.1
2016	74653	99.6	100.4	100.1
2017	68225	99.1	100.1	100.2
2018	47371	98.9	99.3	100.0
2019	34	98.3	99.0	99.6

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	2636	96.9	99.7	85	-4.8	99.4	0	0.0
1981	3221	96.3	99.9	125	-4.3	88.7	0	0.0
1982	3608	96.6	100.0	162	-4.4	96.7	0	0.0
1983	5254	96.5	100.0	148	-4.1	89.2	0	0.0
1984	8065	96.3	99.7	144	-4.1	82.9	0	0.0
1985	12692	96.0	99.8	15396	-5.5	126.3	0	0.0
1986	20415	96.1	100.0	23510	-5.3	115.7	0	0.0
1987	34755	96.4	99.7	37747	-4.9	100.1	0	0.0
1988	62385	96.7	99.5	63633	-4.5	87.4	0	0.0
1989	92132	96.9	99.3	92465	-4.3	84.1	0	0.0
1990	118653	97.1	99.1	118999	-4.2	84.2	0	0.0
1991	132051	97.3	99.5	133453	-3.9	77.9	0	0.0
1992	153585	97.2	99.4	155400	-3.6	72.5	0	0.0
1993	182847	97.3	99.1	182832	-3.6	73.8	0	0.0
1994	197498	97.7	98.7	197269	-3.4	72.2	0	0.0
1995	235118	97.8	98.9	234852	-3.2	73.0	0	0.0
1996	238013	98.3	99.0	237729	-3.0	69.5	0	0.0
1997	237849	98.3	98.8	237375	-2.8	67.9	0	0.0
1998	246463	98.4	98.5	245836	-2.7	64.9	0	0.0
1999	250913	98.2	98.3	250421	-2.6	63.2	0	0.0
2000	241926	98.5	98.1	241256	-2.3	58.8	0	0.0
2001	245887	98.4	98.0	245218	-2.3	57.8	141144	94.2
2002	230748	98.7	97.9	230248	-2.2	55.3	134138	94.3
2003	230834	98.7	97.8	230429	-2.0	51.5	135920	94.6
2004	233428	98.9	98.0	233165	-1.9	48.5	137688	94.8
2005	232001	99.0	98.0	231815	-1.8	45.5	135104	95.2
2006	248165	99.3	98.2	247859	-1.5	36.7	138846	96.3
2007	238309	99.6	98.3	238090	-1.3	31.4	129592	96.8
2008	248632	99.7	98.4	248383	-1.2	27.6	132136	97.2
2009	242455	99.9	98.8	242401	-1.1	24.1	130560	97.5
2010	237868	100.0	98.8	238055	-0.9	20.6	127763	97.9
2011	238656	100.3	99.2	239110	-0.7	14.6	124499	98.6
2012	242142	100.6	99.5	243077	-0.6	10.8	121910	99.1
2013	255022	100.8	99.7	256262	-0.5	9.3	123340	99.1
2014	252353	101.1	99.9	254910	-0.3	5.0	118470	99.6
2015	230256	101.4	100.0	236001	-0.0	0.8	105931	99.9
2016	206865	101.8	100.0	215452	0.2	-2.9	94453	100.2
2017	187327	102.4	100.1	198512	0.5	-7.3	83297	100.7
2018	115793	102.7	100.2	142562	0.7	-11.1	34158	101.0
2019	10	102.9	101.5	54572	1.0	-7.4	9	103.2
2020	0	0.0	0.0	39411	1.2	-10.4	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	745	99.8	61	98.0	59	99.3	745	98.7
1981	969	99.6	143	97.4	143	98.9	969	98.3
1982	1108	99.5	169	97.1	170	98.8	1108	98.1
1983	1461	99.7	130	97.0	127	98.3	1461	97.5
1984	2095	99.8	120	97.4	119	98.6	2095	97.3
1985	2788	99.9	133	98.5	135	98.8	2788	97.2
1986	4381	99.8	355	99.7	371	98.4	4381	96.9
1987	6696	99.9	233	99.3	230	98.5	6695	96.8
1988	10204	99.9	293	98.6	277	100.3	10203	96.5
1989	14349	99.6	429	98.4	399	98.8	14346	96.2
1990	19862	99.5	663	98.1	633	97.8	19860	96.0
1991	23350	100.0	1367	99.9	1338	98.8	23347	96.1
1992	29075	100.1	1455	100.3	1444	98.5	29074	96.1
1993	34125	99.9	1244	100.1	1177	98.4	34125	96.0
1994	37910	99.7	1600	98.9	1474	99.1	37910	96.0
1995	48403	99.2	2655	98.2	2530	99.2	48403	95.6
1996	52651	99.3	3099	98.5	3007	99.1	52651	95.5
1997	57365	98.8	3604	97.9	3540	98.5	57365	95.6
1998	62599	99.0	3748	98.5	3707	98.6	62599	95.7
1999	67127	98.9	3909	98.4	3796	98.5	67127	95.5
2000	72806	98.7	4326	98.1	4213	98.5	72805	95.4
2001	81092	98.7	4737	98.1	4665	98.5	81091	95.4
2002	85818	98.8	5076	98.4	5051	98.4	85818	95.3
2003	96651	98.6	5519	98.4	5512	98.2	96651	95.1
2004	109123	98.9	6350	98.7	6396	98.6	109120	95.3
2005	115987	98.9	6527	98.7	6607	98.6	115987	95.4
2006	135229	99.0	7447	98.8	7636	98.7	135224	95.8
2007	146124	98.9	7633	98.7	7791	98.8	146122	96.1
2008	171498	99.2	8195	99.2	8391	98.7	171498	96.5
2009	191689	99.3	8835	99.0	9042	99.0	191689	97.2
2010	211540	99.5	8860	99.2	9149	99.3	211538	97.6
2011	216211	99.9	9116	99.5	9413	99.8	216196	98.3
2012	219226	100.2	9050	99.8	9365	100.1	219225	98.8
2013	229849	100.3	8468	99.8	8802	100.1	229847	99.2
2014	227257	100.4	7740	100.1	8176	100.1	227257	99.7
2015	206626	100.4	6158	100.1	6738	100.0	206620	100.0
2016	185505	100.5	4512	100.0	5295	100.3	185505	100.6
2017	163923	100.5	2628	100.1	3635	100.3	163922	101.2
2018	101384	100.5	808	100.1	1437	100.3	101384	101.5
2019	10	100.6	0	0.0	0	0.0	10	104.2

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	171	98.8	99.1	98.8	99.8	97.5	97.5
1981	308	98.6	99.1	98.7	99.5	97.1	97.1
1982	359	98.3	99.0	98.4	99.3	97.0	96.7
1983	324	98.7	99.6	98.7	99.5	97.2	97.1
1984	368	98.4	99.1	98.6	99.2	97.2	97.2
1985	345	98.8	99.6	98.7	99.6	97.6	97.4
1986	669	99.0	99.6	98.8	99.4	98.4	98.3
1987	907	98.7	99.4	98.6	99.4	97.8	97.5
1988	1454	98.1	98.4	98.3	99.3	97.2	96.8

1989	2135	98.5	98.9	98.5	99.5	97.5	96.9
1990	3090	98.6	99.3	98.4	99.6	97.6	96.7
1991	3660	98.5	99.1	97.9	99.6	97.4	97.2
1992	4641	98.3	98.9	97.8	99.4	97.6	97.2
1993	5138	98.4	99.0	98.0	99.5	97.7	97.3
1994	6093	98.0	98.4	97.5	99.3	97.2	96.5
1995	8004	97.8	98.4	97.3	99.4	96.6	96.0
1996	8669	98.2	99.0	97.6	99.6	96.9	96.2
1997	9629	98.1	99.3	97.5	99.4	96.8	96.3
1998	10187	98.3	99.2	97.7	99.6	97.0	96.6
1999	11014	98.2	99.0	97.6	99.5	96.8	96.4
2000	11709	98.0	98.8	97.3	99.3	97.1	96.4
2001	12892	97.9	98.5	97.4	99.4	96.8	96.4
2002	13538	97.9	98.2	97.4	99.4	96.9	96.5
2003	14786	97.8	98.5	97.4	99.2	96.7	96.5
2004	16723	98.5	99.2	97.9	99.7	97.2	97.1
2005	16546	98.9	99.5	98.2	100.1	97.6	97.4
2006	21095	99.8	100.1	99.2	100.8	98.4	98.4
2007	21131	100.0	100.4	99.4	100.8	98.5	98.8
2008	22768	100.2	100.6	99.7	101.0	98.6	99.0
2009	24129	100.0	100.4	99.6	100.8	98.5	99.0
2010	24916	99.9	100.2	99.5	100.6	98.6	99.0
2011	24763	100.0	100.3	99.8	100.4	98.9	99.5
2012	25058	100.0	100.3	99.9	100.2	99.4	99.7
2013	25431	100.1	100.3	99.9	100.2	99.5	99.7
2014	23620	100.0	100.1	99.9	100.2	99.9	99.9
2015	20152	100.0	100.0	100.0	100.0	100.0	100.0
2016	16520	100.1	100.1	100.2	100.1	100.1	100.2
2017	12588	100.1	99.9	100.2	100.1	100.2	100.3
2018	6336	100.3	100.0	100.4	100.2	100.3	100.5

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	35	-2364.1	-87.0	-91.2	-107.6	32.5	-10.5	0.0	-589.0
1981	58	-2279.1	-88.5	-90.1	-103.7	23.2	-13.6	0.2	-586.5
1982	86	-2169.5	-82.7	-85.7	-98.7	24.5	-12.6	0.1	-554.6
1983	111	-2150.4	-84.6	-86.3	-97.9	20.3	-14.5	0.1	-561.1
1984	254	-2054.9	-79.1	-84.0	-93.5	21.9	-15.9	0.1	-538.7
1985	407	-2175.1	-82.7	-85.6	-99.0	25.3	-11.8	0.1	-554.4
1986	686	-2036.2	-77.7	-81.3	-92.7	23.0	-12.5	0.1	-524.2
1987	1199	-2000.2	-76.3	-80.1	-91.0	22.4	-12.6	0.2	-515.9
1988	2405	-1983.6	-73.6	-78.4	-90.3	25.8	-10.6	0.2	-503.2
1989	3573	-1922.9	-71.6	-76.0	-87.5	25.0	-10.1	0.2	-488.4
1990	4827	-1911.4	-72.3	-75.4	-87.0	23.0	-9.7	0.2	-487.1
1991	6456	-1809.6	-69.8	-71.8	-82.3	19.2	-9.7	0.2	-465.6
1992	8432	-1775.2	-70.2	-70.6	-80.7	16.0	-9.8	0.2	-461.1
1993	9980	-1684.2	-69.9	-68.0	-76.6	10.0	-10.8	0.2	-448.7
1994	12175	-1597.8	-59.3	-62.4	-72.6	19.9	-6.9	0.2	-402.2
1995	13604	-1570.1	-57.1	-61.1	-71.4	21.3	-6.3	0.2	-391.8
1996	15358	-1442.8	-52.8	-56.7	-65.6	18.9	-6.4	0.3	-362.9
1997	16774	-1361.2	-50.1	-53.7	-61.8	17.3	-6.3	0.3	-344.2
1998	23188	-1321.8	-45.2	-50.1	-60.0	21.7	-3.2	0.3	-318.6
1999	26201	-1242.3	-41.8	-47.5	-56.4	21.2	-3.4	0.3	-299.2
2000	32077	-1064.6	-39.2	-42.8	-48.5	13.4	-5.6	0.1	-272.2
2001	36324	-970.0	-36.9	-38.8	-45.7	10.5	-4.7	-2.0	-250.2
2002	37116	-834.7	-31.5	-34.9	-40.2	9.4	-6.0	-2.8	-221.4
2003	38838	-774.3	-28.3	-32.0	-38.3	9.9	-4.9	-3.9	-202.2
2004	40648	-680.9	-22.7	-28.0	-33.8	11.6	-4.0	-3.6	-172.7

2005	43493	-598.7	-19.7	-24.4	-30.1	10.9	-3.0	-3.7	-150.3
2006	45952	-521.6	-19.9	-21.9	-25.9	6.0	-3.3	-2.8	-139.3
2007	45934	-456.6	-17.2	-19.4	-23.0	5.6	-3.1	-2.9	-122.7
2008	49984	-401.0	-16.2	-16.6	-20.2	3.7	-2.0	-2.4	-108.0
2009	50444	-397.6	-18.3	-16.3	-18.8	0.6	-1.9	-0.9	-111.1
2010	51145	-311.2	-14.4	-12.4	-15.1	0.7	-0.8	-1.2	-85.5
2011	51564	-229.3	-10.4	-9.2	-11.3	1.1	-0.5	-1.1	-62.9
2012	53071	-171.4	-8.0	-7.0	-8.4	0.8	-0.3	-0.8	-47.8
2013	54926	-137.0	-6.8	-4.8	-7.1	0.4	0.8	-1.1	-36.1
2014	53668	-78.8	-4.9	-2.2	-4.5	-0.4	1.5	-1.1	-20.6
2015	47151	-30.0	-3.2	0.5	-1.9	-0.9	2.7	-0.7	-5.0
2016	40998	59.5	-0.1	3.2	2.4	-1.9	2.0	-0.3	13.5
2017	35765	178.0	3.6	6.9	8.2	-3.8	1.3	0.1	38.2
2018	20929	291.0	7.2	10.5	13.2	-5.7	0.6	-0.1	62.0

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	35	88.8	96.0	90.1	90.1	105.4	97.8	95.9
1981	63	89.9	96.2	90.3	90.7	104.9	97.7	97.1
1982	87	89.9	96.6	91.4	91.5	104.2	96.6	96.8
1983	111	90.6	96.3	91.8	92.2	103.5	96.6	96.1
1984	237	90.6	96.1	92.6	93.0	102.7	95.7	96.0
1985	344	90.4	96.2	92.1	92.5	103.3	95.8	96.0
1986	593	90.6	96.1	92.6	93.2	102.7	95.6	95.7
1987	923	90.4	96.6	92.7	93.3	102.8	95.8	96.1
1988	1536	90.4	96.5	92.9	93.4	102.7	95.9	96.2
1989	2008	90.7	96.8	93.1	93.6	102.6	95.9	96.3
1990	2744	90.6	96.8	93.2	93.6	102.6	95.9	96.5
1991	3818	91.4	96.6	93.5	94.0	102.0	95.9	97.1
1992	5019	91.3	96.5	93.1	93.7	102.2	96.0	97.3
1993	5425	91.8	96.5	93.2	94.1	101.7	96.0	97.3
1994	6790	92.1	98.8	95.6	95.0	102.9	96.6	98.9
1995	7493	92.3	98.9	96.1	95.7	102.4	96.6	98.7
1996	8729	92.6	98.8	96.7	96.0	102.2	96.7	99.4
1997	10208	92.9	99.4	97.2	96.4	102.6	97.2	99.1
1998	14156	93.3	99.8	97.6	96.5	102.5	97.2	98.8
1999	16329	93.5	99.8	97.4	96.4	102.5	97.1	98.7
2000	20302	94.3	99.2	97.0	96.1	102.2	97.6	98.8
2001	22421	94.6	99.6	97.3	96.6	102.1	98.0	98.6
2002	23232	95.3	100.0	98.0	97.5	101.8	97.7	98.8
2003	24303	95.9	100.4	98.6	98.1	101.8	98.3	98.7
2004	25856	96.1	100.7	99.1	98.5	101.5	98.6	99.1
2005	27620	96.3	100.5	99.0	98.4	101.0	98.8	99.3
2006	28389	96.5	100.7	99.1	98.6	101.1	99.0	99.3
2007	28153	96.8	100.7	99.4	99.0	101.0	99.5	99.2
2008	30099	97.3	100.4	99.2	98.9	100.9	99.3	99.3
2009	30788	98.1	100.7	99.5	98.8	101.4	99.5	99.4
2010	31186	98.3	100.4	99.5	99.0	101.0	99.4	99.7
2011	30564	98.5	100.3	99.8	99.2	100.9	99.4	99.7
2012	30476	98.3	100.3	99.8	99.2	100.9	99.4	99.7
2013	30067	98.4	100.3	99.8	99.3	100.9	99.3	99.8
2014	28028	98.9	100.4	100.1	99.8	100.8	99.3	99.9
2015	24593	99.4	100.4	100.4	100.0	100.7	99.5	100.1
2016	21353	99.8	100.7	100.6	100.4	100.9	100.0	100.3
2017	17908	100.4	101.2	100.7	100.9	101.4	100.0	100.6
2018	6925	101.0	101.1	101.1	101.5	101.3	100.0	100.7

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	35	90.6	101.3	98.1	94.3	88.5
1981	63	91.6	100.8	98.1	94.2	88.6
1982	87	92.2	101.3	97.9	94.5	89.5
1983	111	92.6	101.4	97.4	95.0	89.9
1984	237	92.2	101.4	97.6	95.0	89.1
1985	344	92.3	101.3	97.4	95.4	89.5
1986	593	92.2	101.9	97.0	95.6	89.4
1987	923	92.7	101.9	96.7	95.8	90.0
1988	1536	93.2	101.5	96.7	95.9	90.5
1989	2008	93.4	102.0	96.7	96.0	90.6
1990	2744	93.6	101.9	96.6	96.0	90.7
1991	3818	93.6	102.4	96.4	95.6	90.7
1992	5019	93.8	102.2	96.4	95.7	90.9
1993	5425	93.9	102.8	95.7	95.6	91.0
1994	6790	92.7	102.8	94.8	95.5	90.5
1995	7493	93.0	103.0	94.9	95.7	90.9
1996	8729	93.9	103.5	94.9	95.7	91.7
1997	10208	94.7	103.9	94.5	96.0	92.6
1998	14156	94.6	104.3	94.3	96.4	92.6
1999	16329	95.1	103.7	94.6	96.4	93.1
2000	20302	95.8	103.2	95.7	96.8	94.0
2001	22421	95.7	103.2	96.1	97.0	94.0
2002	23232	95.9	102.7	96.7	97.1	94.2
2003	24303	96.0	102.4	96.9	97.4	94.6
2004	25856	96.3	102.8	96.7	97.9	95.1
2005	27620	96.4	102.6	96.2	97.8	95.6
2006	28389	97.0	101.9	96.9	98.3	96.1
2007	28153	97.0	101.4	97.3	98.4	96.3
2008	30099	96.8	101.0	97.7	98.1	96.2
2009	30788	97.5	100.5	98.6	98.5	97.0
2010	31186	98.1	100.0	99.2	98.6	97.7
2011	30564	98.9	100.2	99.3	98.9	98.7
2012	30476	99.2	100.2	99.4	99.2	99.1
2013	30067	99.4	100.0	99.6	99.5	99.5
2014	28028	99.7	99.7	99.9	99.5	99.8
2015	24593	99.9	99.5	100.0	99.5	100.1
2016	21353	100.0	99.5	100.0	99.7	100.3
2017	17908	100.6	99.0	100.7	100.3	100.8
2018	6925	101.0	98.9	100.9	100.5	101.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	35	92.4	89.9	102.2	94.9	88.2	92.6	90.8
1981	63	91.7	90.2	100.2	95.2	87.9	91.8	90.7
1982	87	91.7	90.2	100.6	94.6	88.0	92.0	90.9
1983	111	92.3	89.6	100.9	94.5	88.7	92.1	90.5
1984	237	92.6	90.2	100.9	94.7	89.7	92.8	91.1
1985	344	93.2	90.4	100.8	95.4	89.8	93.3	91.2
1986	593	93.4	90.7	100.6	95.2	90.5	93.3	91.4
1987	923	92.7	90.6	100.8	94.4	90.4	93.2	91.3
1988	1536	92.7	90.7	101.0	94.2	90.9	93.2	91.2
1989	2008	92.5	90.8	101.1	94.2	91.0	93.0	91.1

1990	2744	92.6	91.0	101.1	94.1	91.1	93.1	91.2
1991	3818	92.9	90.8	101.1	94.4	91.5	92.9	91.2
1992	5019	92.9	91.0	100.9	94.6	91.4	93.2	91.5
1993	5425	92.9	91.2	100.9	94.7	91.9	93.6	91.8
1994	6790	92.5	92.6	100.3	93.2	90.6	94.2	92.9
1995	7493	92.7	92.7	100.5	93.2	90.9	94.2	92.8
1996	8729	92.5	92.9	100.4	93.0	91.2	94.4	92.9
1997	10208	92.9	93.3	99.9	93.2	91.7	94.9	92.9
1998	14156	92.6	93.8	99.9	93.0	92.1	95.2	93.6
1999	16329	92.8	94.5	99.7	93.4	93.2	96.2	94.5
2000	20302	93.7	95.2	100.0	94.4	93.8	97.2	95.5
2001	22421	93.9	94.9	99.9	94.4	93.8	96.5	94.9
2002	23232	94.3	95.3	99.7	94.7	94.4	96.8	95.3
2003	24303	94.9	95.8	99.4	95.3	95.0	97.0	95.4
2004	25856	95.0	96.3	99.6	95.0	95.2	97.5	96.2
2005	27620	94.9	96.6	100.2	95.2	95.7	97.7	96.6
2006	28389	95.7	97.0	100.1	95.7	95.9	97.6	96.6
2007	28153	95.9	97.5	99.8	96.0	96.5	98.0	97.1
2008	30099	96.1	97.7	99.5	96.5	96.8	98.2	97.3
2009	30788	96.7	98.1	99.3	97.5	97.1	98.6	97.8
2010	31186	97.1	98.4	99.1	97.8	97.6	98.8	98.1
2011	30564	97.5	98.9	99.1	98.1	98.1	99.2	98.7
2012	30476	97.9	98.8	99.4	98.3	98.4	99.4	98.9
2013	30067	98.6	99.2	99.6	98.8	98.7	99.7	99.2
2014	28028	99.1	99.4	99.8	99.4	99.2	99.8	99.3
2015	24593	99.7	99.9	99.6	100.2	99.7	100.2	99.5
2016	21353	100.1	100.1	99.5	100.7	99.8	100.4	99.6
2017	17908	101.0	100.5	99.7	101.4	100.6	100.5	99.7
2018	6925	102.2	101.0	99.6	102.3	101.8	100.8	99.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	35	92.1	94.4	90.1	88.4	0.0	85.4
1981	63	92.8	94.7	89.5	88.7	0.0	85.4
1982	87	92.5	95.2	89.3	89.4	0.0	85.8
1983	111	92.2	95.0	89.8	89.7	0.0	86.1
1984	237	91.8	95.2	90.5	88.9	0.0	85.9
1985	344	91.8	95.2	91.1	89.1	0.0	86.3
1986	593	91.6	95.3	91.4	88.9	0.0	86.3
1987	923	92.2	95.7	90.8	89.6	0.0	86.6
1988	1536	92.3	95.7	90.9	90.1	0.0	87.0
1989	2008	92.5	95.9	90.9	90.2	0.0	87.1
1990	2744	92.6	95.9	91.0	90.3	0.0	87.2
1991	3818	93.0	96.0	91.3	90.3	0.0	87.5
1992	5019	93.0	95.8	91.4	90.5	0.0	87.7
1993	5425	93.0	95.7	91.7	90.4	0.0	87.8
1994	6790	95.7	98.3	90.6	89.8	0.0	88.1
1995	7493	95.8	98.4	90.8	90.1	0.0	88.4
1996	8729	96.3	98.8	90.8	91.0	0.0	89.1
1997	10208	96.8	99.4	91.5	91.7	0.0	90.0
1998	14156	97.0	99.4	91.3	91.7	0.0	90.0
1999	16329	96.7	99.3	92.1	92.2	0.0	90.6
2000	20302	96.8	98.9	93.2	93.4	0.0	91.7
2001	22421	97.1	99.1	93.1	93.4	0.0	91.9
2002	23232	97.4	99.6	93.7	93.7	0.0	92.4
2003	24303	98.0	100.0	94.4	94.1	0.0	93.3
2004	25856	98.5	100.2	94.4	94.4	0.0	93.7
2005	27620	98.7	99.9	94.6	94.8	0.0	94.0

2006	28389	98.9	100.1	95.2	95.5	0.0	94.7
2007	28153	99.2	100.3	95.7	95.7	0.0	95.2
2008	30099	99.0	100.2	96.0	95.6	0.0	95.3
2009	30788	99.4	100.5	96.8	96.5	0.0	96.3
2010	31186	99.3	100.3	97.2	97.2	0.0	96.9
2011	30564	99.4	100.5	97.6	98.2	0.0	97.6
2012	30476	99.4	100.5	97.9	98.6	0.0	98.1
2013	30067	99.3	100.6	98.5	99.0	0.0	98.6
2014	28028	99.5	100.8	99.1	99.3	0.0	99.2
2015	24593	99.9	100.9	99.9	99.5	0.0	99.8
2016	21353	100.3	101.4	100.4	99.8	0.0	100.4
2017	17908	100.6	101.9	101.3	100.3	0.0	101.3
2018	6925	100.7	102.3	102.6	100.7	0.0	102.3

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	43	101.7	103.3	102.5	103.1	100.6	99.9	88.5	103.1
1981	76	102.2	103.1	103.1	103.2	101.4	100.6	90.0	103.4
1982	115	101.7	102.7	102.5	102.7	100.7	100.0	89.4	102.8
1983	149	101.3	102.1	101.6	101.9	100.0	99.7	90.8	101.9
1984	325	100.9	101.7	101.2	101.4	99.6	99.6	90.2	101.4
1985	506	101.7	102.3	102.2	102.4	100.8	100.8	89.8	102.5
1986	899	101.3	101.8	101.6	101.9	100.2	100.3	90.6	101.8
1987	1539	101.6	101.9	101.8	102.1	100.5	100.4	90.3	102.1
1988	2788	101.7	101.6	101.6	101.8	100.5	100.6	90.2	101.9
1989	4081	101.5	101.5	101.5	101.6	100.3	100.6	90.2	101.7
1990	5533	101.2	101.5	101.3	101.5	100.1	100.6	90.3	101.5
1991	7564	101.6	101.0	101.4	101.3	100.2	100.8	91.6	101.4
1992	9913	101.6	101.1	101.4	101.4	100.2	100.8	91.7	101.5
1993	11313	102.1	100.6	101.4	101.2	100.5	100.9	91.8	101.4
1994	14298	101.6	100.3	100.9	100.7	99.8	100.8	92.6	100.8
1995	15758	101.2	100.2	100.5	100.4	99.4	100.3	92.8	100.5
1996	17978	100.8	99.6	99.9	99.5	98.8	99.8	92.9	99.7
1997	19716	100.0	99.9	99.7	99.5	98.4	99.9	93.4	99.5
1998	27378	100.2	99.6	99.6	99.3	98.5	100.1	93.7	99.4
1999	30280	100.0	99.4	99.5	99.3	98.4	99.7	94.2	99.4
2000	36167	100.8	98.5	99.6	98.9	98.9	100.2	94.2	99.2
2001	40925	100.3	98.6	99.5	98.9	98.6	99.9	94.8	99.1
2002	43139	99.5	98.8	99.1	98.5	98.0	99.6	96.1	98.7
2003	45776	99.0	98.7	98.8	98.3	97.6	99.4	96.9	98.4
2004	47142	99.1	98.6	98.8	98.2	97.7	99.3	96.9	98.4
2005	49180	99.1	98.8	99.0	98.4	97.9	99.7	96.9	98.6
2006	50891	99.0	98.4	98.7	98.0	97.7	99.7	97.2	98.2
2007	52929	98.8	98.5	98.7	98.0	97.6	99.7	97.9	98.2
2008	59159	99.4	98.3	99.0	98.1	98.2	99.6	98.3	98.5
2009	59573	99.5	98.8	99.5	98.7	98.6	99.4	98.9	99.0
2010	59019	99.8	98.6	99.5	98.7	98.8	99.4	98.9	99.0
2011	59317	99.6	98.6	99.4	98.6	98.7	99.2	99.0	99.0
2012	61812	99.7	98.7	99.7	98.9	99.0	99.5	99.0	99.2
2013	63230	99.5	99.0	99.8	99.1	99.1	99.5	99.3	99.4
2014	62891	99.6	99.5	100.3	99.8	99.6	99.5	99.5	100.0
2015	58972	99.6	99.7	100.5	100.0	99.7	99.3	99.7	100.3
2016	51818	99.5	100.0	100.7	100.4	99.9	99.2	100.2	100.6
2017	42520	99.2	100.3	100.8	100.7	99.8	98.8	100.7	100.8
2018	33370	99.6	100.7	101.5	101.3	100.5	99.1	101.1	101.5
2019	6551	99.8	101.1	102.0	101.9	101.1	99.3	101.4	102.1

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	99.9	81.7	97.9	102.6	106.7
1981	37	100.6	95.1	97.2	101.0	104.5
1982	45	99.9	89.7	96.7	100.6	104.3
1983	72	100.3	87.4	96.3	100.1	103.7
1984	144	99.5	91.8	96.0	99.6	103.1
1985	214	99.9	93.8	96.1	99.8	103.4
1986	349	100.0	95.9	95.7	99.1	102.7
1987	551	99.4	96.3	95.1	98.3	101.7
1988	927	99.3	97.1	95.4	98.4	101.8
1989	1243	99.0	97.3	95.4	98.1	101.8
1990	1914	99.3	98.1	95.0	97.5	101.3
1991	3130	100.0	98.7	94.8	97.4	100.6
1992	4923	100.3	98.9	95.1	97.4	100.6
1993	5306	100.1	99.0	95.2	97.6	100.8
1994	6570	100.4	98.6	95.1	97.1	100.3
1995	7236	100.4	98.3	95.0	96.9	100.1
1996	8399	100.4	98.4	95.0	96.7	99.9
1997	9801	100.6	99.0	94.8	96.3	99.3
1998	13561	100.3	98.1	95.4	96.8	99.3
1999	15506	99.8	98.2	95.3	96.6	98.8
2000	19469	99.9	97.9	95.7	97.0	99.4
2001	21648	100.0	97.9	95.4	96.7	98.9
2002	22422	100.0	97.7	95.1	96.3	98.3
2003	23244	100.2	98.2	95.1	96.2	98.2
2004	24766	100.1	98.0	95.5	96.4	98.0
2005	26325	100.4	98.2	95.7	96.6	98.1
2006	26922	100.6	98.9	95.9	96.9	98.3
2007	26515	100.6	98.9	96.0	96.8	98.2
2008	28376	100.4	98.9	96.2	96.9	98.3
2009	28865	99.7	99.1	96.8	97.7	99.3
2010	29458	99.7	99.1	97.1	97.8	99.1
2011	28730	99.8	99.4	97.7	98.4	99.4
2012	28555	99.8	99.5	98.3	98.8	99.7
2013	27782	100.2	100.1	98.6	99.0	99.8
2014	25547	100.1	100.5	98.8	99.1	99.8
2015	22007	100.3	100.4	99.4	99.6	100.1
2016	18718	100.3	100.6	100.0	100.2	100.8
2017	15735	100.1	100.9	100.6	100.7	100.9
2018	6245	100.4	101.5	101.0	101.0	101.0

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	35	-264.5	-589.0	-157.7	105.5	103.1	90.1	88.4	97.9	0.0
1981	58	-274.9	-586.5	-183.1	103.3	103.4	89.5	88.7	97.3	107.0
1982	86	-266.4	-554.6	-219.2	103.0	102.8	89.3	89.4	97.5	82.0
1983	111	-279.9	-561.1	-264.2	102.4	101.9	89.8	89.7	97.3	66.5
1984	254	-289.5	-538.7	-368.9	101.8	101.4	90.5	88.9	97.4	68.5
1985	407	-260.5	-554.4	-420.0	102.1	102.5	91.1	89.1	98.1	118.9
1986	686	-262.5	-524.2	-453.3	101.3	101.8	91.4	88.9	97.8	108.3
1987	1199	-271.9	-515.9	-519.4	100.3	102.1	90.8	89.6	97.8	94.4
1988	2405	-270.3	-503.2	-552.2	100.4	101.9	90.9	90.1	97.9	87.0

1989	3573	-266.8	-488.4	-552.5	100.2	101.7	90.9	90.2	97.7	83.0
1990	4827	-272.7	-487.1	-569.4	99.6	101.5	91.0	90.3	97.4	81.3
1991	6456	-268.6	-465.6	-559.0	99.1	101.4	91.3	90.3	97.4	78.0
1992	8432	-263.9	-461.1	-528.2	99.2	101.5	91.4	90.5	97.5	76.9
1993	9980	-257.8	-448.7	-508.7	99.3	101.4	91.7	90.4	97.9	77.7
1994	12175	-259.3	-402.2	-555.3	98.8	100.8	90.6	89.8	97.8	54.3
1995	13604	-257.5	-391.8	-549.5	98.6	100.5	90.8	90.1	97.9	52.3
1996	15358	-249.7	-362.9	-517.8	98.4	99.7	90.8	91.0	97.8	48.3
1997	16774	-244.9	-344.2	-502.4	97.8	99.5	91.5	91.7	98.1	41.1
1998	23188	-237.1	-318.6	-521.3	98.0	99.4	91.3	91.7	98.0	37.0
1999	26201	-224.3	-299.2	-491.4	97.6	99.4	92.1	92.2	98.8	35.4
2000	32077	-199.4	-272.2	-406.8	98.2	99.2	93.2	93.4	98.7	33.8
2001	36324	-193.2	-250.2	-385.5	97.7	99.1	93.1	93.4	98.5	30.1
2002	37116	-186.4	-221.4	-377.4	97.1	98.7	93.7	93.7	98.2	25.0
2003	38838	-178.1	-202.2	-354.2	97.1	98.4	94.4	94.1	97.8	18.6
2004	40648	-163.7	-172.7	-344.6	97.0	98.4	94.4	94.4	97.8	14.9
2005	43493	-145.6	-150.3	-312.6	97.2	98.6	94.6	94.8	97.8	14.7
2006	45952	-135.7	-139.3	-266.3	97.4	98.2	95.2	95.5	97.9	12.0
2007	45934	-125.0	-122.7	-242.8	97.3	98.2	95.7	95.7	97.7	10.7
2008	49984	-113.6	-108.0	-212.1	97.4	98.5	96.0	95.6	98.2	10.0
2009	50444	-100.8	-111.1	-176.7	98.5	99.0	96.8	96.5	98.1	3.7
2010	51145	-84.4	-85.5	-155.2	98.4	99.0	97.2	97.2	98.3	4.0
2011	51564	-65.6	-62.9	-121.4	98.8	99.0	97.6	98.2	98.5	2.5
2012	53071	-48.4	-47.8	-83.4	99.2	99.2	97.9	98.6	98.9	1.5
2013	54926	-35.7	-36.1	-52.9	99.4	99.4	98.5	99.0	99.0	0.0
2014	53668	-20.8	-20.6	-35.5	99.4	100.0	99.1	99.3	99.5	-2.5
2015	47151	-5.2	-5.0	-2.8	99.9	100.3	99.9	99.5	99.7	-4.3
2016	40998	13.8	13.5	38.8	100.6	100.6	100.4	99.8	100.0	-9.2
2017	35765	30.6	38.2	53.5	100.9	100.8	101.3	100.3	100.4	-15.0
2018	20929	53.0	62.0	77.1	101.1	101.5	102.6	100.7	101.3	-19.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1984	21	92.5	91.5	98.9	96.9	90.2	96.5	95.6
1985	14	92.9	92.6	98.4	96.6	91.8	96.6	96.1
1986	24	93.1	94.5	98.4	94.9	93.4	96.5	95.9
1987	58	93.9	93.5	99.5	96.7	93.0	96.7	95.7
1988	122	93.4	92.6	99.5	96.9	92.1	96.0	95.7
1989	177	94.4	93.5	99.8	97.2	93.5	96.4	96.1
1990	251	94.2	93.2	99.7	97.5	93.0	96.5	95.9
1991	496	92.4	93.4	97.6	94.4	93.8	96.4	96.9
1992	585	92.5	93.8	97.4	94.1	94.4	96.5	97.0
1993	692	92.3	93.6	97.5	94.2	93.7	96.4	96.7
1994	1803	93.2	94.9	98.8	93.7	94.5	97.1	96.3
1995	2863	93.6	95.1	99.0	94.1	94.5	97.6	96.1
1996	3189	93.1	93.7	99.0	95.0	92.5	97.4	95.7
1997	6331	93.0	93.2	99.3	95.7	92.0	96.5	95.1
1998	10171	93.4	93.8	99.2	96.0	92.2	96.0	95.3
1999	12613	94.2	94.6	99.6	96.4	92.7	96.6	95.6
2000	16935	94.6	95.5	99.3	96.4	93.3	97.3	95.7
2001	18363	94.4	95.7	99.0	95.8	93.9	97.2	95.9
2002	20212	94.1	95.4	98.8	95.9	93.7	96.9	95.5
2003	22511	94.6	95.8	98.7	96.5	93.9	96.8	96.0
2004	24957	95.2	96.6	99.0	96.7	94.5	96.9	96.2
2005	26590	96.2	97.4	99.6	97.4	95.1	97.3	96.7
2006	27550	96.2	97.4	99.2	97.4	95.4	97.3	97.5
2007	27747	96.7	98.2	99.1	97.6	96.2	97.5	98.1
2008	29998	96.7	98.1	98.9	97.6	96.6	97.6	98.4

2009	30765	96.9	98.2	98.7	97.8	97.1	97.6	98.7
2010	31019	97.2	98.5	98.7	98.2	97.5	97.9	98.6
2011	30414	97.8	99.2	98.6	98.4	98.3	98.1	98.9
2012	30340	98.6	100.0	99.0	98.8	99.1	98.6	99.3
2013	30164	98.9	100.3	99.0	98.9	99.6	99.0	99.6
2014	28067	99.3	100.2	99.4	99.3	99.7	99.6	99.6
2015	24560	99.8	100.4	99.8	99.7	100.0	100.3	99.8
2016	21180	100.5	100.7	100.5	100.2	100.5	101.0	99.7
2017	17555	100.6	100.7	100.6	100.3	100.7	101.2	99.3
2018	6903	101.5	101.2	101.4	100.8	101.2	101.7	99.2

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	20	97.3	99.2	97.3	99.2	95.6	99.3
1981	39	95.5	99.9	95.5	99.9	94.3	98.9
1982	49	95.5	100.4	95.5	100.4	93.8	99.1
1983	63	94.9	100.4	94.9	100.4	93.3	98.7
1984	161	95.3	100.0	95.3	100.0	93.6	98.3
1985	223	96.3	100.0	96.3	100.0	95.0	99.3
1986	459	95.9	100.1	95.9	100.1	94.6	99.2
1987	810	95.7	100.3	95.7	100.3	94.3	99.6
1988	1520	95.9	100.3	95.9	100.3	94.6	99.3
1989	2408	95.9	100.1	95.9	100.1	94.5	99.2
1990	3785	95.7	99.9	95.7	99.9	94.3	98.8
1991	6111	95.7	100.1	95.7	100.1	94.5	99.0
1992	8401	95.8	100.1	95.8	100.1	94.5	98.9
1993	11593	96.3	100.3	96.3	100.3	95.1	99.1
1994	16112	96.0	100.4	96.0	100.4	95.4	98.8
1995	18243	96.2	100.4	96.2	100.4	95.4	98.8
1996	21766	96.3	100.2	96.3	100.2	95.5	99.1
1997	24806	96.6	100.4	96.6	100.4	95.6	99.2
1998	34455	96.7	100.2	96.7	100.2	95.6	98.9
1999	39548	97.1	100.7	97.1	100.7	95.9	99.5
2000	48232	97.5	100.4	97.5	100.4	96.3	100.0
2001	50853	97.6	100.2	97.6	100.2	96.3	99.9
2002	54827	97.6	99.8	97.6	99.8	96.1	99.5
2003	56376	97.5	99.4	97.5	99.4	96.0	99.4
2004	57614	97.7	99.3	97.7	99.3	96.3	99.4
2005	57765	97.9	99.2	97.9	99.2	96.9	99.5
2006	56993	98.1	99.1	98.1	99.1	97.1	99.4
2007	57289	98.3	98.8	98.3	98.8	97.2	99.2
2008	64415	98.8	98.9	98.8	98.9	97.7	99.2
2009	67647	98.7	98.8	98.7	98.8	98.1	99.0
2010	67434	98.9	99.0	98.9	99.0	98.5	99.2
2011	66507	99.3	98.9	99.3	98.9	99.1	99.3
2012	68761	99.8	99.0	99.8	99.0	99.6	99.6
2013	70134	100.0	98.9	100.0	98.9	100.1	99.5
2014	71455	100.3	99.3	100.3	99.3	100.6	99.8
2015	70847	100.0	99.6	100.0	99.6	100.6	100.1
2016	68706	100.1	99.9	100.1	99.9	101.0	100.2
2017	58872	100.3	100.2	100.3	100.2	101.4	100.3
2018	54589	100.5	101.0	100.5	101.0	101.5	100.6
2019	47464	100.9	101.2	100.9	101.2	101.9	100.8
2020	37678	100.9	101.3	100.9	101.3	102.0	100.8

Tabel: 29 Holstein Friesian - roodbont: Geboortekenenmerken

Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	24	100.3	104.0	98.0	93.8	96.6	97.8
1981	36	98.5	104.2	100.3	92.6	95.3	95.9
1982	45	97.4	104.7	101.2	87.4	89.7	91.2
1983	71	97.1	104.9	101.7	91.6	93.7	94.5
1984	165	97.4	104.6	101.3	95.6	98.4	99.0
1985	222	98.4	103.5	100.0	90.3	92.5	92.3
1986	381	98.4	103.3	100.0	95.2	96.8	96.3
1987	593	98.5	103.2	100.0	96.1	98.4	98.1
1988	1035	98.9	102.9	99.6	97.0	99.4	99.0
1989	1413	98.4	103.5	100.0	96.3	99.3	98.8
1990	2165	98.0	103.6	100.5	96.5	100.1	99.7
1991	3161	97.6	103.3	100.9	97.1	100.4	99.1
1992	4217	97.7	103.3	100.8	97.5	100.5	98.6
1993	4610	97.9	102.9	100.6	98.1	100.1	98.3
1994	6504	96.9	103.2	101.7	98.2	100.0	99.4
1995	7627	96.8	103.4	101.9	98.4	100.1	99.1
1996	8987	96.8	103.7	102.0	98.2	100.3	98.9
1997	10063	97.0	103.9	101.8	98.5	100.9	98.9
1998	13910	96.5	103.6	102.2	98.2	100.9	99.3
1999	16047	97.0	102.6	101.9	98.9	100.5	98.4
2000	20647	97.1	101.8	101.5	99.1	99.9	97.9
2001	23585	96.8	101.9	102.1	98.8	99.8	98.6
2002	24746	96.4	102.8	102.5	98.5	100.3	99.1
2003	26802	96.0	102.8	103.0	98.5	100.7	98.9
2004	28405	96.1	102.6	102.9	98.9	101.1	99.0
2005	31902	96.5	102.5	102.5	99.0	101.2	99.0
2006	33346	96.9	102.0	102.3	98.7	101.2	99.1
2007	37590	97.2	102.1	102.0	98.4	101.5	99.6
2008	43314	97.7	101.7	101.5	98.8	101.3	99.8
2009	47067	97.6	101.5	101.7	99.3	101.2	99.4
2010	47741	97.7	101.3	101.8	99.4	100.9	99.4
2011	47657	97.8	101.4	101.9	99.5	100.9	99.6
2012	48900	98.3	101.2	101.4	99.6	100.7	99.6
2013	49809	98.6	101.0	101.0	99.7	100.7	99.7
2014	50524	98.8	100.5	100.7	100.3	100.3	99.5
2015	49373	98.7	100.3	100.7	100.6	100.4	99.6
2016	44927	99.1	100.2	100.2	101.0	100.4	99.6
2017	36486	99.4	100.1	99.9	101.3	100.4	99.7
2018	29052	99.6	99.7	99.6	102.1	100.7	99.8
2019	21693	99.7	99.5	99.4	102.6	100.8	99.7
2020	17820	100.0	99.3	99.1	103.0	100.9	99.6

Tabel: 30 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	23	104.9	110.6	95.2	102.7	107.7	97.6	103.8	99.0	109.7	99.0	102.2
1981	41	104.8	109.4	96.1	103.2	107.3	98.0	104.5	97.6	108.9	99.0	103.2
1982	54	104.4	108.6	96.6	102.4	106.4	97.4	104.0	98.3	107.9	98.6	102.8
1983	72	104.3	107.9	97.0	102.6	105.8	97.9	104.1	98.2	107.5	98.8	103.3
1984	172	104.1	106.9	97.4	102.1	105.2	97.6	104.1	98.1	106.8	98.5	102.8
1985	257	104.4	107.9	96.3	102.6	105.6	97.3	104.1	98.4	107.0	98.5	102.8
1986	449	104.2	106.8	96.8	102.1	105.1	97.2	104.2	98.4	106.4	98.5	102.7

1987	798	104.5	107.3	97.0	102.2	106.1	97.1	104.5	97.6	107.3	98.2	103.4
1988	1369	104.3	107.1	97.1	101.9	106.0	97.0	104.4	97.5	107.1	98.0	103.0
1989	2115	104.1	107.1	97.5	101.9	105.6	97.4	104.1	97.6	106.9	98.2	103.0
1990	3321	104.1	107.3	97.6	102.0	105.6	97.6	104.1	97.7	107.1	98.4	102.9
1991	5024	103.9	106.0	97.9	101.4	105.3	97.4	104.0	97.8	106.5	98.2	102.6
1992	7603	104.1	106.4	97.8	101.4	105.6	97.5	104.0	98.0	106.8	98.3	102.6
1993	9213	103.6	105.5	98.0	101.2	104.9	97.5	103.7	97.9	106.0	98.3	102.1
1994	11898	104.2	106.6	98.2	102.4	104.9	98.1	103.8	98.7	106.6	98.5	104.0
1995	13533	103.9	106.2	98.7	102.2	104.5	98.6	103.5	99.0	106.1	99.0	103.7
1996	17317	103.4	105.9	98.9	102.1	104.2	98.9	103.2	98.4	106.3	98.8	103.8
1997	21018	103.0	105.6	98.7	102.1	103.6	99.0	102.8	98.5	105.8	98.7	103.3
1998	27150	102.9	104.9	98.8	102.1	103.4	98.7	102.6	98.8	105.3	98.1	103.3
1999	33737	102.6	104.6	98.5	101.9	103.0	98.5	102.3	98.8	104.9	97.9	103.0
2000	37871	102.4	103.9	98.5	101.6	102.6	98.7	101.7	99.8	104.5	97.8	102.6
2001	42158	102.2	103.2	99.5	101.3	102.4	99.3	101.5	100.0	104.0	98.6	102.2
2002	48020	102.4	103.0	100.0	101.5	102.4	99.5	101.8	100.0	103.7	98.9	102.3
2003	48263	102.3	102.4	100.2	101.4	101.9	99.6	101.7	100.3	103.1	99.0	102.0
2004	50194	102.2	101.9	100.0	101.3	101.7	99.3	101.6	100.5	102.8	98.5	102.0
2005	51473	101.5	101.5	100.2	101.1	101.2	99.7	100.9	100.1	102.4	98.7	101.8
2006	51558	101.4	101.0	100.4	100.8	100.9	99.7	100.8	100.6	101.9	99.0	101.2
2007	48367	101.0	100.6	100.4	100.5	100.5	99.9	100.6	100.2	101.4	99.2	100.8
2008	50949	101.0	100.2	100.5	100.4	100.4	99.9	100.8	100.2	101.1	99.4	100.5
2009	52613	100.5	100.5	99.9	100.9	100.1	100.1	100.5	99.5	100.9	99.4	100.5
2010	48565	100.5	99.7	100.2	100.2	99.9	99.9	100.4	99.7	100.5	99.3	100.2
2011	42270	100.3	99.1	100.4	99.8	99.7	99.8	100.3	99.7	100.2	99.2	100.0
2012	35954	100.3	98.9	100.5	99.5	99.8	99.7	100.4	99.5	100.2	99.2	100.0
2013	33288	100.4	98.6	100.8	99.4	99.9	99.7	100.5	99.4	100.2	99.3	100.0
2014	29342	100.2	98.2	101.3	99.4	99.7	99.8	100.5	99.3	99.9	99.7	99.8
2015	24793	100.1	97.7	101.6	99.3	99.3	100.2	100.4	99.3	99.5	100.0	99.7
2016	21325	99.8	97.6	101.5	99.4	99.1	100.2	100.4	98.7	99.4	100.0	99.7
2017	17729	100.0	97.7	101.6	99.8	99.1	100.2	100.7	98.8	99.3	100.2	100.0
2018	6793	100.2	97.5	101.8	99.9	99.1	100.4	100.8	98.9	99.2	100.6	100.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	20	99.7	100.3	99.8
1981	35	99.4	100.1	99.5
1982	48	99.1	99.8	99.1
1983	64	99.2	99.9	99.2
1984	156	99.0	99.6	98.9
1985	219	99.3	99.9	99.4
1986	456	99.0	99.6	99.4
1987	799	99.1	99.5	99.3
1988	1504	99.0	99.4	99.3
1989	2357	99.0	99.4	99.3
1990	3725	99.0	99.4	99.0
1991	5936	98.5	99.1	99.1
1992	8224	98.2	99.0	99.1
1993	11911	98.3	99.1	99.2
1994	17156	98.7	99.5	99.2
1995	19745	98.8	99.7	98.8
1996	23614	98.7	99.7	98.2
1997	27038	98.6	99.6	98.2
1998	37347	98.6	99.5	98.6
1999	42959	98.9	99.8	99.0
2000	51994	98.7	99.7	99.2
2001	54486	99.0	99.7	99.3
2002	59110	99.3	99.9	99.1

2003	60683	99.3	100.0	99.1
2004	61464	99.8	100.2	99.4
2005	61440	100.0	100.2	99.8
2006	60100	100.1	100.3	99.5
2007	60254	100.1	100.2	99.4
2008	67802	99.9	100.0	99.3
2009	71216	100.0	99.7	99.6
2010	70609	99.8	99.6	99.4
2011	69624	100.0	99.8	99.4
2012	72104	100.4	100.1	99.7
2013	73395	100.6	100.2	99.8
2014	74910	100.3	100.0	99.7
2015	74632	100.4	100.0	99.6
2016	72775	100.9	100.4	99.8
2017	62933	101.2	100.7	100.0
2018	59040	101.4	100.5	100.3
2019	52860	101.6	100.6	100.3
2020	40984	101.4	100.4	100.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36336	-3323.7	-13224.7	-560.6	-479.5
2002	37173	-3205.5	-12719.1	-538.7	-463.7
2003	38870	-3025.4	-12069.9	-507.3	-438.1
2004	40715	-2889.6	-11594.8	-482.1	-419.5
2005	43580	-2644.9	-10625.4	-442.0	-383.5
2006	46096	-2356.4	-9382.6	-397.2	-340.2
2007	46091	-2171.4	-8648.8	-365.5	-313.7
2008	50245	-1950.7	-7770.4	-331.7	-280.1
2009	50777	-1753.6	-6907.6	-302.0	-250.0
2010	51558	-1538.4	-6100.7	-266.2	-218.6
2011	51993	-1257.9	-5006.0	-217.3	-178.9
2012	53573	-969.3	-3862.0	-167.5	-137.8
2013	55387	-736.5	-2972.8	-130.1	-103.1
2014	54216	-562.1	-2272.9	-102.9	-76.9
2015	47704	-294.4	-1249.4	-60.1	-36.9
2016	41705	50.3	190.5	-0.6	11.9
2017	36232	244.9	1065.5	30.7	40.4
2018	20007	482.8	2090.3	70.0	74.9

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

Jaar	Aantal	Eff	Int	Gewen
1981	10	99.6	91.8	102.7
1982	12	98.6	92.9	102.5
1983	19	99.4	90.7	102.7
1984	41	98.9	91.4	102.1
1985	34	98.7	92.1	102.5
1986	66	99.4	90.9	102.5
1987	79	99.2	90.2	102.5
1988	147	99.0	90.4	102.7
1989	180	99.2	90.5	102.8
1990	224	98.9	89.9	102.6

1991	343	99.5	89.8	102.8
1992	486	99.7	89.5	102.7
1993	547	99.7	89.2	102.7
1994	845	99.8	84.3	103.5
1995	914	99.9	85.1	103.5
1996	1213	100.0	85.1	103.4
1997	1623	99.9	85.4	102.9
1998	2418	99.7	84.8	102.9
1999	3100	99.2	85.1	103.0
2000	4144	99.5	85.7	102.4
2001	5003	99.7	86.2	102.2
2002	5750	99.8	86.8	102.2
2003	6374	99.7	87.7	102.0
2004	7303	99.8	88.0	102.2
2005	8391	100.1	88.4	102.4
2006	9422	100.1	89.3	102.0
2007	9749	100.2	89.9	101.8
2008	11948	100.0	90.4	101.6
2009	13771	99.1	90.7	101.9
2010	15714	99.3	91.7	101.5
2011	16288	99.5	93.4	101.2
2012	16733	99.6	94.9	101.0
2013	17990	100.0	96.5	100.6
2014	17407	100.1	98.1	100.6
2015	15670	100.2	99.6	100.4
2016	14026	100.0	101.2	100.4
2017	12318	99.7	101.7	99.8
2018	8165	99.6	101.6	99.3

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	35	97.7	98.6	0	0.0	0.0	0	0.0
1981	58	97.1	98.4	3	-4.3	107.0	0	0.0
1982	86	97.7	98.7	1	-4.8	82.0	0	0.0
1983	111	97.4	98.3	2	-3.9	66.5	0	0.0
1984	254	96.8	97.6	2	-3.6	68.5	0	0.0
1985	407	96.2	97.5	443	-5.4	118.9	0	0.0
1986	686	96.6	97.5	760	-5.1	108.3	0	0.0
1987	1199	96.3	97.4	1279	-4.8	94.4	0	0.0
1988	2405	96.6	97.3	2431	-4.6	87.0	0	0.0
1989	3573	96.8	97.4	3585	-4.4	83.0	0	0.0
1990	4827	96.6	97.3	4844	-4.4	81.3	0	0.0
1991	6456	96.8	96.9	6536	-4.2	78.0	0	0.0
1992	8432	96.6	96.9	8534	-4.2	76.9	0	0.0
1993	9980	96.5	96.8	9983	-4.1	77.7	0	0.0
1994	12175	96.2	96.9	12166	-3.4	54.3	0	0.0
1995	13604	96.7	97.0	13597	-3.3	52.3	0	0.0
1996	15358	96.9	96.8	15354	-3.1	48.3	0	0.0
1997	16774	96.8	96.7	16763	-2.8	41.1	0	0.0
1998	23188	96.8	96.9	23183	-2.6	37.0	0	0.0
1999	26201	96.7	96.9	26183	-2.4	35.4	0	0.0
2000	32077	97.2	97.3	32066	-2.2	33.8	0	0.0
2001	36324	97.9	97.4	36306	-2.1	30.1	22419	98.0
2002	37116	97.8	97.3	37116	-1.8	25.0	23231	98.5
2003	38838	98.0	97.3	38845	-1.6	18.6	24303	99.0
2004	40648	98.1	97.5	40707	-1.3	14.9	25856	99.3
2005	43493	98.3	97.7	43573	-1.2	14.7	27620	99.0
2006	45952	99.0	98.1	46031	-1.1	12.0	28388	99.3

2007	45934	99.2	98.2	46033	-0.9	10.7	28153	99.4
2008	49984	99.3	98.5	50146	-0.9	10.0	30099	99.3
2009	50444	99.2	98.9	50662	-0.8	3.7	30787	100.1
2010	51145	99.5	98.9	51390	-0.6	4.0	31186	99.9
2011	51564	99.9	99.0	51867	-0.5	2.5	30564	99.9
2012	53071	100.2	99.3	53439	-0.3	1.5	30474	99.9
2013	54926	100.4	99.4	55346	-0.3	0.0	30064	99.9
2014	53668	100.8	99.5	54273	-0.1	-2.5	28028	100.2
2015	47151	101.1	99.7	48257	-0.0	-4.3	24592	100.4
2016	40998	101.8	99.7	42769	0.2	-9.2	21353	100.9
2017	35765	102.5	99.8	37903	0.5	-15.0	17906	101.6
2018	20929	102.7	99.6	25759	0.7	-19.0	6925	101.8
2019	0	102.0	96.5	8741	1.0	-9.9	2	99.5
2020	0	0.0	0.0	6344	1.2	-11.2	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	100.5
1981	21	99.7	2	98.0	2	96.0	21	99.4
1982	26	99.9	1	97.0	0	0.0	26	98.3
1983	36	100.0	0	0.0	0	0.0	36	98.2
1984	75	100.0	0	0.0	0	0.0	75	97.4
1985	72	99.9	0	0.0	0	0.0	72	97.4
1986	161	99.9	1	99.0	1	99.0	161	96.5
1987	203	99.8	3	97.7	3	95.7	203	96.4
1988	358	99.9	2	97.0	2	101.0	358	96.3
1989	464	99.8	5	96.6	5	96.6	464	96.0
1990	677	99.8	18	96.7	18	96.6	677	95.9
1991	973	99.6	32	97.3	35	97.7	973	95.4
1992	1369	99.7	20	97.5	20	97.0	1369	95.4
1993	1531	99.7	25	97.7	26	97.5	1531	95.3
1994	2065	99.2	98	99.2	99	96.6	2065	94.9
1995	2400	99.5	92	100.0	92	96.7	2400	95.2
1996	2929	99.5	80	99.4	81	97.0	2929	95.2
1997	3782	98.8	141	97.7	137	97.1	3782	94.3
1998	5569	98.9	213	98.2	210	99.0	5569	94.0
1999	7173	99.1	282	98.7	283	98.7	7173	94.6
2000	10039	99.5	434	100.0	433	98.5	10039	95.4
2001	12150	100.0	507	100.8	498	98.7	12150	95.6
2002	14083	100.1	643	100.8	648	98.8	14083	95.9
2003	16288	100.0	737	100.5	724	99.0	16288	96.3
2004	18955	99.7	899	100.0	912	99.3	18955	96.0
2005	22599	99.3	1012	99.3	1046	99.1	22599	96.2
2006	25801	99.4	1169	99.3	1211	99.1	25800	96.5
2007	28542	99.4	1224	99.1	1251	99.5	28542	96.6
2008	35143	99.8	1460	99.6	1482	99.7	35143	96.9
2009	40166	100.2	1490	100.0	1513	100.0	40166	97.9
2010	46074	100.2	1663	99.9	1691	100.2	46074	97.9
2011	47108	100.0	1725	99.7	1775	100.2	47108	98.0
2012	48326	99.8	1807	99.2	1880	100.0	48326	98.0
2013	49550	99.7	1775	99.1	1820	100.0	49550	98.3
2014	48419	99.8	1507	99.3	1577	99.9	48419	99.0
2015	42472	100.1	1084	99.7	1189	99.9	42472	99.8
2016	36717	100.2	689	99.6	851	99.7	36717	100.4
2017	31267	100.2	382	99.6	614	99.7	31267	100.8
2018	18715	100.2	91	99.5	220	99.9	18715	101.0

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1983	12	100.2	99.6	102.2	99.4	98.8	99.9
1984	21	100.4	99.6	102.8	99.1	99.1	100.6
1986	25	99.9	99.2	101.7	99.4	98.8	99.1
1987	23	100.3	99.4	102.2	99.3	99.0	99.7
1988	46	100.5	99.8	102.5	99.3	99.5	100.7
1989	52	100.8	100.1	102.3	99.6	99.8	100.6
1990	70	100.6	100.1	102.2	99.5	99.8	100.5
1991	109	100.5	100.2	101.9	99.7	99.2	99.6
1992	114	100.5	100.0	101.9	99.7	99.2	99.4
1993	111	100.4	99.8	101.9	99.5	99.1	99.5
1994	278	101.2	101.0	102.9	100.0	99.1	100.4
1995	295	100.5	100.3	102.2	99.4	99.0	99.7
1996	401	99.5	99.1	101.3	98.6	98.6	98.7
1997	557	99.1	98.5	100.9	98.5	98.6	98.9
1998	805	99.3	98.9	100.9	98.7	98.2	98.9
1999	1141	99.7	99.1	101.4	99.1	98.4	99.0
2000	1547	99.6	99.3	101.3	99.1	98.0	98.8
2001	1813	99.8	99.6	101.4	99.0	98.3	99.2
2002	2146	99.5	99.1	101.1	98.8	98.4	99.2
2003	2413	99.6	99.4	100.9	98.7	98.3	99.4
2004	2835	99.5	99.5	100.7	98.7	98.4	99.1
2005	3167	99.9	99.8	100.8	99.2	98.9	99.2
2006	3844	100.7	100.9	101.3	99.7	99.4	100.2
2007	3943	100.8	101.1	101.4	99.6	99.5	100.4
2008	4596	101.1	101.4	101.9	99.8	99.5	100.8
2009	4925	101.2	101.7	101.8	100.0	99.6	100.9
2010	5185	101.1	101.5	101.6	100.0	99.6	100.7
2011	5289	100.9	101.3	101.2	99.9	99.5	100.5
2012	5412	100.8	101.0	101.0	100.0	99.3	100.3
2013	5562	100.6	100.8	100.8	99.9	99.2	100.2
2014	5046	100.5	100.3	100.8	99.9	99.2	100.1
2015	4138	100.2	100.0	100.6	99.6	99.3	100.0
2016	3182	100.0	99.7	100.4	99.3	99.5	99.9
2017	2335	100.0	99.6	100.4	99.4	99.6	99.9
2018	1141	100.2	99.7	100.6	99.5	99.8	100.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	1766	-2809.5	-90.6	-100.0	-127.8	48.1	-3.4	0.8	-638.4
1981	4121	-2742.3	-85.8	-96.0	-124.7	50.6	-0.7	0.8	-611.4
1982	8381	-2699.3	-84.6	-95.8	-122.8	49.3	-2.7	0.8	-607.3
1983	16610	-2569.0	-80.1	-92.1	-116.8	46.8	-4.0	0.7	-581.0
1984	28221	-2565.3	-79.8	-91.0	-116.7	47.2	-2.2	0.7	-575.8
1985	46064	-2610.7	-79.9	-90.8	-118.7	50.8	0.7	0.8	-575.5
1986	66640	-2601.4	-78.3	-88.8	-118.3	52.7	3.5	0.8	-563.9
1987	86940	-2518.3	-76.3	-86.0	-114.5	49.7	3.3	0.7	-547.2
1988	113450	-2434.0	-73.0	-82.9	-110.7	48.6	3.5	0.7	-526.6
1989	117187	-2365.9	-69.3	-80.7	-107.5	49.4	3.2	0.7	-508.7
1990	100520	-2299.2	-67.7	-78.3	-104.5	47.0	3.3	0.7	-494.7
1991	79362	-2125.5	-62.5	-72.4	-96.6	42.6	3.1	0.7	-457.2
1992	63092	-1969.3	-60.0	-68.2	-89.4	35.5	1.2	0.7	-432.4

1993	52494	-1893.2	-58.3	-65.5	-86.0	32.9	1.2	0.7	-416.9
1994	38964	-1774.2	-56.3	-62.2	-80.5	28.1	0.0	0.7	-397.4
1995	34474	-1672.7	-52.4	-58.5	-75.9	27.3	0.3	0.7	-372.6
1996	26173	-1590.4	-50.3	-55.5	-72.1	25.0	0.5	0.6	-354.8
1997	18871	-1535.9	-47.2	-53.0	-69.6	26.0	1.4	0.6	-337.1
1998	14393	-1465.6	-45.2	-50.8	-66.4	24.3	1.0	0.6	-323.1
1999	11268	-1397.6	-42.7	-48.1	-63.3	23.6	1.4	0.6	-306.1
2000	8592	-1273.0	-39.0	-44.7	-57.8	21.3	0.2	0.5	-282.4
2001	7108	-1201.8	-36.2	-41.7	-55.1	20.7	0.9	-0.2	-263.6
2002	5457	-1124.9	-36.1	-39.6	-51.7	16.5	0.2	-0.3	-253.8
2003	4874	-1076.4	-33.7	-38.2	-50.3	16.7	-0.2	-1.4	-242.3
2004	4292	-978.2	-31.2	-34.9	-45.6	14.3	-0.4	-1.2	-222.4
2005	3806	-923.7	-30.3	-33.5	-42.8	12.3	-1.0	-0.8	-213.8
2006	3456	-849.5	-28.5	-29.8	-38.6	10.6	0.3	0.3	-193.7
2007	3011	-745.0	-27.3	-27.2	-33.8	6.5	-1.0	0.3	-179.1
2008	2870	-644.0	-25.9	-24.4	-29.1	2.9	-1.8	0.4	-163.1
2009	2449	-643.6	-24.4	-23.3	-29.1	4.6	-0.5	0.4	-155.4
2010	2131	-599.6	-23.2	-21.4	-27.2	3.9	-0.1	0.2	-144.8
2011	1785	-535.9	-20.8	-19.3	-23.6	3.3	-0.2	1.0	-130.1
2012	1664	-516.4	-17.2	-17.2	-22.9	6.7	1.5	0.8	-113.7
2013	1619	-488.9	-16.2	-15.8	-21.8	6.5	2.0	0.6	-105.5
2014	1422	-443.9	-15.5	-14.7	-19.7	5.0	1.6	0.7	-98.8
2015	1152	-327.3	-10.7	-11.1	-14.3	4.8	1.0	0.7	-72.3
2016	842	-291.0	-6.4	-8.9	-13.0	8.0	2.2	0.3	-53.8
2017	628	-234.2	-5.1	-6.6	-10.4	6.7	2.5	0.4	-40.7
2018	349	-146.9	-1.0	-2.7	-5.6	7.0	3.2	1.4	-14.9

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	2570	85.4	96.1	87.0	85.8	107.1	96.9	95.7
1981	5899	85.9	96.8	87.7	86.1	107.6	96.5	95.7
1982	12728	85.9	97.1	88.2	86.7	107.4	96.4	96.2
1983	23132	86.3	97.1	88.4	87.2	106.7	96.2	96.1
1984	32037	86.6	97.1	89.1	87.8	106.1	96.2	96.1
1985	43635	86.5	97.2	89.3	88.0	106.1	96.1	96.1
1986	54828	86.7	97.4	89.6	88.2	106.0	95.8	95.9
1987	60820	87.5	97.2	90.2	88.7	105.3	96.0	96.7
1988	65255	87.7	97.4	91.2	89.4	104.8	96.1	97.4
1989	60405	88.2	97.6	91.6	89.8	104.4	96.5	97.4
1990	50933	88.4	97.4	91.7	89.9	104.0	96.9	97.3
1991	41026	89.0	97.9	92.0	90.3	103.7	96.9	96.9
1992	33206	89.4	98.0	92.2	90.6	103.3	97.1	97.0
1993	25778	89.5	97.8	92.2	90.5	103.0	97.0	97.1
1994	18069	89.6	97.2	92.4	91.0	102.3	97.5	97.5
1995	15551	89.8	96.9	92.4	91.3	101.9	97.3	96.8
1996	11317	90.2	97.2	92.7	91.7	101.7	97.5	96.7
1997	8109	90.8	97.0	93.1	92.1	101.3	97.6	96.6
1998	6051	91.1	97.2	93.6	92.8	101.0	97.3	96.7
1999	4702	91.6	97.2	94.0	93.2	100.7	98.0	96.9
2000	3576	92.3	97.2	94.6	93.7	100.4	98.6	97.4
2001	2902	92.8	97.0	94.6	94.4	100.0	98.5	97.5
2002	2311	93.0	96.7	94.7	94.5	99.6	98.8	97.5
2003	1981	93.5	97.4	95.4	95.1	99.4	98.9	97.5
2004	1775	94.0	97.0	95.6	95.3	98.9	99.2	97.5
2005	1584	94.4	97.4	95.8	95.6	99.0	99.5	98.1
2006	1340	95.1	98.2	96.3	95.4	99.7	99.5	98.9
2007	1053	95.4	97.8	96.6	95.8	99.2	99.7	98.9

2008	1010	96.0	98.2	97.2	96.2	99.3	100.0	99.4
2009	877	95.7	98.2	96.8	95.4	99.9	99.6	99.2
2010	716	96.0	98.1	96.7	96.1	99.8	99.7	99.3
2011	538	96.2	98.5	97.4	96.9	100.1	99.4	99.3
2012	430	96.6	99.1	97.8	97.3	100.6	99.5	99.1
2013	416	97.0	99.3	97.9	97.1	100.7	99.7	99.5
2014	336	97.5	99.3	98.0	97.4	100.5	100.2	99.1
2015	300	97.5	99.2	98.0	97.7	100.4	99.8	100.0
2016	212	97.4	99.3	98.0	97.6	100.7	99.8	99.9
2017	152	98.1	99.6	98.7	98.2	100.6	99.1	100.2
2018	52	98.5	99.1	98.3	98.3	100.5	100.5	99.9

Tabel: 39 Holstein - Fries Hollands zwartbont: Exterieurkenmerken beenwerk
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	2570	92.1	101.4	98.5	96.0	89.1
1981	5899	93.3	101.3	98.3	96.2	90.4
1982	12728	93.0	101.7	97.9	96.5	90.1
1983	23132	93.3	101.9	98.1	96.6	90.3
1984	32037	93.3	101.8	97.8	96.8	90.5
1985	43635	93.5	101.4	98.0	97.0	90.7
1986	54828	93.7	101.2	98.0	97.0	90.9
1987	60820	94.0	101.5	98.0	96.5	91.1
1988	65255	94.2	102.1	97.4	96.3	91.1
1989	60405	94.3	102.3	97.4	96.4	91.3
1990	50933	94.3	102.2	97.4	96.3	91.5
1991	41026	94.1	102.4	97.0	96.8	91.9
1992	33206	94.1	102.4	96.9	97.1	92.3
1993	25778	94.6	102.3	97.1	97.2	92.6
1994	18069	94.7	102.0	97.3	96.9	92.7
1995	15551	94.9	102.1	97.4	96.8	93.3
1996	11317	94.8	102.4	97.1	97.0	93.4
1997	8109	94.9	102.2	97.0	97.2	93.8
1998	6051	94.8	102.7	96.8	97.3	93.9
1999	4702	95.0	102.9	96.6	97.1	94.0
2000	3576	95.5	102.6	96.7	97.1	94.5
2001	2902	95.4	102.1	96.9	96.8	94.7
2002	2311	95.4	102.0	97.1	96.7	94.9
2003	1981	95.7	102.6	96.4	97.3	95.2
2004	1775	95.9	102.4	97.3	98.2	95.4
2005	1584	96.3	102.4	97.5	97.5	95.7
2006	1340	96.0	102.1	97.9	98.0	95.6
2007	1053	96.6	101.7	98.4	96.7	95.7
2008	1010	96.8	101.5	98.4	96.9	96.1
2009	877	96.8	101.8	98.2	96.3	96.2
2010	716	96.7	101.1	98.8	97.9	96.4
2011	538	97.0	101.4	98.6	98.2	96.3
2012	430	97.2	101.2	98.7	98.7	96.8
2013	416	97.9	101.4	98.7	97.8	97.2
2014	336	98.4	101.4	98.4	98.0	97.6
2015	300	99.0	101.3	98.9	99.1	98.4
2016	212	99.3	101.1	99.0	99.4	99.0
2017	152	100.2	100.8	99.5	99.8	99.7
2018	52	100.5	101.1	99.1	99.9	100.0

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

Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	2570	91.4	87.2	101.3	92.8	84.2	89.0	88.0
1981	5899	91.6	87.2	101.3	92.9	84.4	89.4	88.2
1982	12728	91.3	87.3	101.1	92.5	84.3	89.1	88.3
1983	23132	91.1	88.0	101.1	92.4	84.8	89.8	88.7
1984	32037	91.1	87.8	101.0	92.2	85.6	90.1	88.9
1985	43635	91.4	87.7	100.9	92.5	86.3	90.1	88.7
1986	54828	91.3	87.6	101.0	92.5	86.6	90.2	88.7
1987	60820	91.3	88.5	100.7	92.3	87.1	91.0	89.4
1988	65255	91.3	89.4	100.5	91.7	87.3	91.5	90.0
1989	60405	91.6	90.0	100.6	92.0	87.4	91.8	90.3
1990	50933	91.6	90.3	100.4	92.0	87.4	92.2	90.9
1991	41026	91.8	90.2	101.1	92.4	88.5	92.5	91.0
1992	33206	91.9	90.4	101.5	92.4	89.2	93.1	91.5
1993	25778	91.5	90.6	101.3	92.3	89.6	93.5	92.0
1994	18069	91.4	90.9	101.3	92.2	89.5	93.4	92.4
1995	15551	91.7	91.2	101.9	92.3	90.1	93.7	92.8
1996	11317	92.1	91.5	101.7	92.6	90.4	94.0	93.0
1997	8109	92.6	91.6	101.6	93.0	90.9	94.5	93.4
1998	6051	93.0	92.1	101.2	93.2	91.1	94.6	93.8
1999	4702	93.4	92.5	101.3	93.3	91.4	94.8	94.1
2000	3576	93.3	92.8	100.8	93.4	92.1	95.0	94.4
2001	2902	93.6	93.4	101.6	93.7	92.8	94.9	94.6
2002	2311	93.8	94.1	101.6	93.8	92.9	94.9	94.9
2003	1981	94.5	94.5	101.4	94.2	93.4	95.8	95.6
2004	1775	94.6	94.5	101.4	94.2	94.3	96.4	96.3
2005	1584	95.1	95.1	101.2	94.6	94.6	96.7	96.7
2006	1340	95.6	95.8	101.1	95.4	94.7	96.8	97.0
2007	1053	96.0	96.2	101.2	95.5	95.0	97.3	97.4
2008	1010	95.6	96.6	100.9	95.6	95.3	97.6	97.7
2009	877	96.2	96.0	100.8	96.1	95.0	97.4	97.4
2010	716	95.9	96.3	100.4	95.8	95.4	97.8	97.7
2011	538	96.4	97.0	100.0	96.6	95.8	98.1	98.1
2012	430	97.2	97.6	99.8	97.4	95.9	98.0	98.1
2013	416	97.3	97.7	100.5	97.7	96.2	98.2	98.3
2014	336	97.4	97.8	100.8	97.9	97.0	98.2	98.2
2015	300	98.3	98.3	100.5	98.3	97.2	98.2	98.9
2016	212	98.7	98.3	100.0	98.4	97.1	97.7	98.5
2017	152	99.0	98.2	100.3	99.0	97.9	97.9	98.3
2018	52	99.8	99.0	100.7	99.5	98.6	98.0	98.6

Tabel: 41 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bovenbalk
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2570	90.4	91.8	86.2	89.2	0.0	82.8
1981	5899	90.7	92.5	86.5	90.4	0.0	83.8
1982	12728	91.2	93.0	86.1	90.0	0.0	83.7
1983	23132	91.1	92.8	86.4	90.3	0.0	83.9
1984	32037	91.3	93.1	86.7	90.4	0.0	84.2
1985	43635	91.4	93.3	87.2	90.6	0.0	84.7
1986	54828	91.3	93.4	87.3	90.9	0.0	84.8
1987	60820	91.9	93.7	87.7	91.1	0.0	85.4
1988	65255	92.7	94.3	87.8	91.0	0.0	85.7
1989	60405	93.2	94.5	88.1	91.2	0.0	86.1
1990	50933	93.3	94.2	88.2	91.3	0.0	86.3
1991	41026	93.3	94.4	88.9	91.5	0.0	86.8

1992	33206	93.6	94.5	89.3	91.8	0.0	87.2
1993	25778	93.5	94.2	89.3	92.2	0.0	87.4
1994	18069	93.8	94.1	89.1	92.3	0.0	87.4
1995	15551	93.3	93.9	89.5	92.9	0.0	87.7
1996	11317	93.5	94.1	90.0	92.9	0.0	88.1
1997	8109	93.7	94.3	90.6	93.2	0.0	88.7
1998	6051	93.8	94.7	90.9	93.3	0.0	88.9
1999	4702	94.3	94.9	91.2	93.3	0.0	89.3
2000	3576	95.1	95.3	91.5	93.8	0.0	90.0
2001	2902	95.1	95.6	91.9	94.0	0.0	90.4
2002	2311	95.1	95.3	92.1	94.2	0.0	90.6
2003	1981	95.6	95.8	92.8	94.4	0.0	91.2
2004	1775	95.8	95.6	93.2	94.7	0.0	91.7
2005	1584	96.5	96.1	93.7	95.1	0.0	92.4
2006	1340	97.3	96.7	94.2	95.0	0.0	93.0
2007	1053	97.3	96.7	94.5	95.3	0.0	93.3
2008	1010	98.1	97.3	94.6	95.7	0.0	93.8
2009	877	97.6	97.0	94.9	95.8	0.0	93.9
2010	716	97.6	97.4	94.9	96.0	0.0	94.0
2011	538	97.8	98.2	95.5	95.9	0.0	94.5
2012	430	98.1	98.8	96.1	96.3	0.0	95.3
2013	416	98.6	98.9	96.4	96.8	0.0	95.8
2014	336	98.6	98.8	96.8	97.2	0.0	96.3
2015	300	98.8	99.2	97.3	98.1	0.0	97.1
2016	212	98.8	99.3	97.4	98.7	0.0	97.5
2017	152	98.9	99.7	98.1	99.4	0.0	98.3
2018	52	99.2	99.5	98.8	99.8	0.0	99.0

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	3795	105.1	102.8	103.1	103.5	103.2	101.2	85.9	103.5
1981	8785	104.2	103.0	102.6	103.4	102.4	100.5	86.2	103.2
1982	20037	104.1	102.7	102.4	103.0	102.3	100.3	86.1	102.9
1983	36787	104.0	102.4	102.3	102.7	102.0	100.3	86.7	102.7
1984	53416	103.9	102.3	102.2	102.7	101.9	100.3	87.1	102.6
1985	75222	104.0	102.2	102.1	102.6	101.9	99.9	86.8	102.5
1986	101380	103.9	102.0	101.9	102.3	101.6	99.3	86.6	102.3
1987	124024	103.9	101.9	101.7	102.2	101.5	100.4	87.6	102.1
1988	141408	103.7	101.2	101.3	101.6	101.1	100.6	88.1	101.6
1989	140184	103.4	100.8	100.9	101.2	100.6	99.7	89.2	101.2
1990	122501	103.1	100.8	100.9	101.2	100.5	99.5	89.6	101.1
1991	100031	102.9	100.4	100.4	100.7	100.1	99.6	89.8	100.6
1992	79198	102.7	100.3	100.2	100.6	100.0	100.0	90.2	100.4
1993	65169	103.0	99.9	100.3	100.3	100.2	100.3	90.4	100.3
1994	49703	102.7	99.7	100.2	100.1	100.1	100.1	90.8	100.2
1995	41918	102.5	99.3	99.8	99.5	99.8	99.8	90.9	99.6
1996	32195	102.2	99.2	99.7	99.4	99.6	99.9	91.5	99.5
1997	23011	102.0	99.1	99.5	99.3	99.4	99.4	91.8	99.3
1998	17366	101.6	99.0	99.1	98.9	98.9	99.4	92.6	98.9
1999	13113	101.3	98.7	98.8	98.5	98.6	99.6	92.7	98.6
2000	9930	101.1	98.7	98.6	98.4	98.4	99.5	93.4	98.4
2001	8212	101.1	98.4	98.7	98.2	98.5	99.3	93.7	98.3
2002	6380	100.9	98.7	98.7	98.4	98.4	99.5	93.9	98.4
2003	5715	100.8	98.6	98.6	98.3	98.5	100.1	93.9	98.3
2004	4947	100.8	98.0	98.4	97.9	98.5	100.4	94.2	98.0
2005	4368	100.7	98.1	98.5	97.9	98.5	99.6	95.0	98.1
2006	3904	100.0	98.4	97.9	97.7	97.8	98.0	94.7	97.7
2007	3450	100.5	98.2	98.2	97.9	98.2	98.6	94.8	97.9

2008	3365	100.1	97.9	97.9	97.5	98.1	98.5	95.1	97.6
2009	2920	100.5	98.5	98.6	98.3	98.6	99.3	95.7	98.3
2010	2519	100.7	98.3	98.6	98.2	98.8	99.2	95.6	98.3
2011	2136	100.6	99.0	99.1	98.9	99.4	99.4	95.5	99.0
2012	1959	100.9	99.5	99.6	99.4	99.6	99.1	95.1	99.5
2013	1882	100.9	99.6	99.8	99.7	100.0	99.1	95.7	99.8
2014	1709	101.3	99.9	100.3	100.1	100.6	100.1	96.2	100.2
2015	1403	100.4	100.1	100.0	100.1	100.1	99.3	96.9	100.1
2016	1058	100.6	100.2	100.2	100.3	100.4	99.3	97.3	100.3
2017	745	100.7	100.2	100.5	100.4	100.5	99.2	97.5	100.5
2018	417	100.9	100.5	100.9	100.8	101.0	99.2	97.6	100.9
2019	46	101.2	100.4	101.5	101.0	101.5	99.3	97.9	101.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1171	99.0	90.2	96.8	101.4	106.5
1981	2641	98.5	92.6	96.5	101.0	106.1
1982	5198	98.8	93.0	96.3	101.0	105.7
1983	9670	99.3	93.6	96.0	100.6	105.2
1984	14071	99.3	93.9	95.7	100.1	104.6
1985	20032	99.3	93.8	95.6	99.9	104.5
1986	26616	99.6	93.8	95.4	99.7	104.1
1987	32676	99.5	94.4	95.2	99.4	103.6
1988	36837	99.2	94.8	95.1	99.1	103.2
1989	38274	99.9	94.8	94.6	98.3	102.3
1990	35104	99.9	94.9	94.4	97.9	102.0
1991	33487	99.6	93.9	94.0	97.1	101.0
1992	32805	99.1	94.2	94.0	96.7	100.6
1993	25398	98.9	94.5	94.3	97.0	100.7
1994	17745	99.1	95.1	94.3	97.0	100.5
1995	15137	99.4	94.8	94.2	96.7	99.9
1996	10936	99.7	94.8	94.3	96.9	99.7
1997	7816	99.3	94.7	94.6	97.0	99.6
1998	5781	99.3	94.6	94.4	96.6	99.1
1999	4439	99.3	95.2	94.6	96.7	99.3
2000	3365	99.4	95.7	94.6	96.6	99.1
2001	2707	99.8	96.2	94.5	96.3	98.6
2002	2188	100.0	96.3	94.3	96.0	97.5
2003	1859	100.0	96.3	94.4	96.1	97.8
2004	1634	99.4	96.0	94.8	96.4	98.4
2005	1459	99.6	96.6	94.9	96.1	97.9
2006	1245	99.8	97.3	95.4	96.7	98.3
2007	951	100.1	97.6	95.5	96.5	98.6
2008	916	100.1	98.7	95.7	96.8	98.6
2009	790	100.1	97.7	95.9	96.8	98.5
2010	639	100.3	97.3	96.2	97.1	98.8
2011	491	100.5	98.5	96.6	97.2	98.5
2012	395	100.3	98.7	97.5	98.4	99.6
2013	364	100.5	98.2	97.4	97.8	99.1
2014	295	100.3	98.3	98.4	98.8	100.0
2015	261	100.0	99.0	99.1	99.6	100.3
2016	192	99.8	98.8	99.3	99.9	100.6
2017	133	99.5	99.5	100.1	100.6	100.9
2018	46	99.4	99.8	100.5	100.8	101.0

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	1766	-302.8	-638.4	-343.6	104.8	103.5	86.2	89.2	98.1	93.3
1981	4121	-295.4	-611.4	-377.2	104.4	103.2	86.5	90.4	98.1	100.7
1982	8381	-300.0	-607.3	-389.1	104.1	102.9	86.1	90.0	98.0	106.9
1983	16610	-294.2	-581.0	-414.0	103.6	102.7	86.4	90.3	98.4	94.6
1984	28221	-304.4	-575.8	-517.8	103.0	102.6	86.7	90.4	98.2	69.7
1985	46064	-281.1	-575.5	-581.8	102.9	102.5	87.2	90.6	98.0	128.7
1986	66640	-284.6	-563.9	-628.1	102.5	102.3	87.3	90.9	97.6	118.4
1987	86940	-285.8	-547.2	-665.1	102.0	102.1	87.7	91.1	97.4	102.8
1988	113450	-287.8	-526.6	-692.4	101.6	101.6	87.8	91.0	97.5	88.5
1989	117187	-288.3	-508.7	-700.4	100.6	101.2	88.1	91.2	97.3	83.8
1990	100520	-283.2	-494.7	-690.3	100.3	101.1	88.2	91.3	97.2	82.5
1991	79362	-271.8	-457.2	-645.0	99.2	100.6	88.9	91.5	97.4	77.2
1992	63092	-260.9	-432.4	-605.2	98.8	100.4	89.3	91.8	97.6	74.0
1993	52494	-252.7	-416.9	-592.1	99.0	100.3	89.3	92.2	97.9	74.6
1994	38964	-242.8	-397.4	-565.9	98.9	100.2	89.1	92.3	98.2	77.5
1995	34474	-231.8	-372.6	-506.3	98.3	99.6	89.5	92.9	98.0	79.3
1996	26173	-222.2	-354.8	-474.1	98.3	99.5	90.0	92.9	98.1	77.8
1997	18871	-213.2	-337.1	-456.2	98.3	99.3	90.6	93.2	98.0	77.9
1998	14393	-213.6	-323.1	-461.7	97.8	98.9	90.9	93.3	97.8	76.2
1999	11268	-208.4	-306.1	-448.2	98.0	98.6	91.2	93.3	97.5	74.0
2000	8592	-195.6	-282.4	-415.9	97.8	98.4	91.5	93.8	97.7	70.0
2001	7108	-187.7	-263.6	-392.3	97.3	98.3	91.9	94.0	97.8	70.0
2002	5457	-182.3	-253.8	-375.7	96.5	98.4	92.1	94.2	98.0	70.1
2003	4874	-176.6	-242.3	-373.2	96.7	98.3	92.8	94.4	98.0	64.7
2004	4292	-164.2	-222.4	-342.0	97.3	98.0	93.2	94.7	98.1	64.9
2005	3806	-160.2	-213.8	-333.3	96.8	98.1	93.7	95.1	98.2	61.2
2006	3456	-151.2	-193.7	-307.5	97.4	97.7	94.2	95.0	98.3	51.4
2007	3011	-138.6	-179.1	-279.8	97.4	97.9	94.5	95.3	98.1	51.2
2008	2870	-131.2	-163.1	-257.9	97.6	97.6	94.6	95.7	98.3	45.3
2009	2449	-121.5	-155.4	-238.3	97.5	98.3	94.9	95.8	98.5	45.3
2010	2131	-114.4	-144.8	-220.1	97.8	98.3	94.9	96.0	98.3	41.7
2011	1785	-102.1	-130.1	-187.6	97.7	99.0	95.5	95.9	98.5	36.5
2012	1664	-80.2	-113.7	-157.7	99.0	99.5	96.1	96.3	98.9	30.7
2013	1619	-73.9	-105.5	-139.0	98.4	99.8	96.4	96.8	99.2	27.9
2014	1422	-58.2	-98.8	-111.8	99.4	100.2	96.8	97.2	99.6	26.7
2015	1152	-42.0	-72.3	-79.7	100.0	100.1	97.3	98.1	99.6	22.7
2016	842	-26.2	-53.8	-45.1	100.3	100.3	97.4	98.7	99.9	20.3
2017	628	-11.3	-40.7	-4.7	100.8	100.5	98.1	99.4	100.2	16.5
2018	349	11.1	-14.9	60.8	101.0	100.9	98.8	99.8	100.6	5.4

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	26	96.2	95.4	98.9	98.3	95.5	99.2	98.4
1981	40	96.4	95.3	98.9	99.0	95.0	99.0	98.2
1982	63	96.3	95.3	98.9	98.7	95.6	98.8	98.5
1983	469	98.6	96.6	99.9	100.3	98.4	101.7	98.5
1984	606	98.3	96.2	99.9	100.4	97.7	101.3	98.4
1985	1099	98.8	96.8	100.1	100.3	98.7	102.0	98.2
1986	2229	98.7	96.7	100.1	100.2	98.5	102.0	98.1
1987	3958	97.7	95.9	100.2	99.0	97.4	101.5	98.0
1988	7509	97.8	95.3	100.7	100.0	95.9	101.0	98.0
1989	10603	98.7	95.5	101.3	101.2	95.7	101.6	98.1

1990	11482	98.8	95.5	101.5	101.4	95.7	101.6	98.0
1991	11529	99.3	95.8	101.8	101.7	96.3	101.1	98.7
1992	9758	99.3	95.9	101.9	101.7	96.2	101.2	98.9
1993	9070	98.3	95.6	101.1	100.7	95.7	100.8	98.6
1994	6472	98.2	95.5	101.4	100.3	95.9	100.8	98.1
1995	8983	98.2	96.3	101.3	99.9	96.2	100.3	97.6
1996	5302	98.4	96.8	101.1	99.8	96.5	100.0	97.7
1997	4795	98.0	96.7	101.0	99.5	95.9	99.8	97.3
1998	4005	98.0	96.8	101.0	99.8	95.7	99.4	96.8
1999	3194	97.2	95.8	100.8	99.5	94.4	99.2	96.6
2000	2454	98.1	97.2	101.1	99.4	95.6	99.9	96.9
2001	2092	98.0	97.4	101.0	99.1	95.6	100.1	96.7
2002	1737	98.0	97.7	100.8	99.1	95.5	100.0	96.6
2003	1524	97.7	97.4	100.7	99.1	95.2	99.6	96.6
2004	1376	98.0	97.4	100.5	99.8	95.7	99.3	96.7
2005	1230	98.1	97.3	100.5	99.8	96.1	99.4	97.1
2006	1078	97.7	97.5	99.9	99.2	96.0	99.4	97.3
2007	892	98.0	98.2	99.6	99.3	96.6	99.5	97.6
2008	849	98.5	98.6	100.0	99.7	97.1	99.1	97.5
2009	773	98.8	98.6	100.2	99.8	97.5	99.3	98.2
2010	613	98.7	98.6	99.9	99.6	97.9	99.3	98.4
2011	472	99.2	99.3	99.8	99.6	98.9	100.1	98.9
2012	426	99.4	99.3	99.8	100.0	99.0	100.0	99.1
2013	392	99.4	99.3	99.8	100.0	99.0	100.2	99.0
2014	358	99.8	99.4	100.0	100.3	99.1	100.9	99.2
2015	275	99.6	99.5	99.8	100.0	99.2	100.7	99.6
2016	207	99.9	99.6	100.0	100.2	99.6	101.0	99.4
2017	125	100.6	100.0	100.5	100.8	99.7	101.7	99.8
2018	35	100.7	100.1	100.6	100.8	99.8	101.7	100.0

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1297	96.4	100.3	96.4	100.3	93.6	101.0
1981	3312	96.4	100.5	96.4	100.5	93.6	101.1
1982	6977	96.3	100.5	96.3	100.5	93.7	100.8
1983	13697	96.8	100.5	96.8	100.5	94.0	101.0
1984	21351	96.8	100.3	96.8	100.3	94.0	100.7
1985	31466	96.6	100.2	96.6	100.2	93.8	100.5
1986	44334	96.4	99.9	96.4	99.9	93.6	100.2
1987	57542	96.1	99.8	96.1	99.8	93.6	100.4
1988	70717	96.2	99.8	96.2	99.8	93.9	100.6
1989	76642	96.4	99.6	96.4	99.6	94.3	100.3
1990	77394	96.6	99.5	96.6	99.5	94.5	100.1
1991	73341	96.9	99.6	96.9	99.6	94.9	100.1
1992	61000	97.1	99.7	97.1	99.7	95.2	100.2
1993	59350	97.6	99.7	97.6	99.7	95.5	100.5
1994	54913	98.0	99.7	98.0	99.7	95.9	100.4
1995	44297	98.4	99.2	98.4	99.2	96.2	99.8
1996	33711	98.5	99.3	98.5	99.3	96.5	99.9
1997	24547	98.6	99.1	98.6	99.1	96.4	99.8
1998	18261	98.7	98.8	98.7	98.8	96.6	99.2
1999	13999	98.5	98.6	98.5	98.6	96.4	99.0
2000	10332	98.4	98.9	98.4	98.9	96.5	99.2
2001	7987	98.7	98.9	98.7	98.9	96.8	99.5
2002	6313	99.2	98.8	99.2	98.8	97.6	99.5
2003	5395	99.0	98.8	99.0	98.8	97.7	99.1
2004	4595	99.2	98.7	99.2	98.7	97.8	99.0
2005	3957	99.1	99.0	99.1	99.0	97.5	99.3

2006	3357	99.4	98.7	99.4	98.7	97.7	99.1
2007	2845	99.1	98.7	99.1	98.7	97.7	99.3
2008	2788	98.9	98.7	98.9	98.7	98.0	99.6
2009	2479	99.1	99.0	99.1	99.0	98.5	99.7
2010	2113	99.1	98.9	99.1	98.9	98.7	99.6
2011	1793	99.4	98.8	99.4	98.8	99.3	99.2
2012	1666	99.7	99.1	99.7	99.1	99.7	99.4
2013	1602	99.7	99.5	99.7	99.5	99.7	99.8
2014	1441	100.2	99.4	100.2	99.4	100.1	99.8
2015	1193	100.2	99.3	100.2	99.3	100.0	99.6
2016	922	100.4	99.7	100.4	99.7	99.9	100.2
2017	635	100.3	100.0	100.3	100.0	99.9	100.5
2018	367	100.3	100.5	100.3	100.5	99.8	100.7
2019	158	100.4	100.6	100.4	100.6	99.7	100.4
2020	111	100.5	101.2	100.5	101.2	99.9	101.3

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1451	98.4	104.1	100.9	85.9	88.6	89.1
1981	3260	98.2	104.1	101.0	89.7	92.8	94.3
1982	6685	97.3	104.5	102.1	91.4	95.1	97.0
1983	16021	97.4	104.2	101.9	94.6	97.6	99.2
1984	23633	97.5	104.1	101.6	94.8	98.3	99.8
1985	32575	98.1	103.8	100.9	94.1	98.3	99.1
1986	45943	97.9	103.7	101.1	94.2	98.7	99.3
1987	54030	98.0	103.2	100.8	94.7	98.8	99.4
1988	58897	98.1	103.1	100.8	95.0	98.4	99.0
1989	54747	97.8	102.6	101.2	94.4	98.4	98.7
1990	47224	97.8	102.2	101.1	93.9	98.4	98.8
1991	42349	98.0	101.5	100.9	94.0	98.2	98.9
1992	34543	98.2	101.2	100.7	94.4	98.3	99.1
1993	26693	98.3	101.5	100.8	94.5	98.3	99.2
1994	19085	98.3	101.9	101.1	94.4	97.8	98.7
1995	16704	97.7	101.9	102.0	93.9	97.2	98.1
1996	12645	97.8	101.6	102.0	93.5	97.0	97.9
1997	8924	97.7	101.5	102.3	93.4	97.0	97.7
1998	6414	97.5	101.4	102.6	93.5	97.4	98.1
1999	4975	97.2	101.7	103.2	94.2	97.8	98.9
2000	3838	96.9	102.0	103.5	94.3	97.4	98.7
2001	3242	96.7	102.2	103.9	94.1	97.3	98.7
2002	2662	97.4	101.6	102.9	94.1	98.0	98.3
2003	2374	97.8	101.5	102.5	94.5	98.5	98.6
2004	2181	97.7	101.4	102.5	95.3	98.5	99.2
2005	2128	97.0	101.5	103.5	95.0	97.6	99.1
2006	1868	97.3	101.3	103.0	95.0	97.4	99.1
2007	1697	97.5	101.0	102.8	95.9	98.0	99.3
2008	1684	97.1	101.0	103.1	96.8	98.3	99.0
2009	1498	97.3	100.9	102.9	96.9	98.3	98.9
2010	1275	97.1	101.2	103.1	95.9	97.4	97.9
2011	1100	97.7	100.8	102.5	96.9	98.2	98.4
2012	1017	98.0	100.6	102.2	98.0	99.1	99.0
2013	934	98.1	100.7	102.0	98.1	99.5	99.0
2014	809	98.3	100.6	102.0	97.7	98.6	98.3
2015	637	98.5	100.4	101.8	97.8	98.7	98.3
2016	463	98.5	100.4	101.8	98.2	99.2	98.7
2017	309	99.0	100.1	101.3	98.8	99.2	98.8
2018	156	99.4	99.6	100.8	99.7	100.2	99.6
2019	77	100.6	99.3	99.5	97.3	96.8	96.6

2020 58 100.2 98.7 100.0 100.1 99.9 99.6

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	1484	105.0	113.4	93.0	101.2	111.0	95.8	103.8	97.6	111.8	96.8	102.7
1981	3419	105.1	113.7	92.9	101.6	111.1	95.6	104.0	97.3	111.9	96.5	103.2
1982	7034	105.1	113.4	93.7	101.4	110.9	95.9	104.0	97.3	111.6	97.2	102.9
1983	13396	105.1	112.9	94.1	101.5	110.7	96.2	104.1	97.4	111.1	97.5	103.1
1984	20313	104.8	112.6	94.2	101.3	110.4	96.3	103.9	97.2	110.8	97.3	103.1
1985	29627	104.4	112.4	94.2	101.2	109.9	96.3	103.6	96.9	110.5	97.1	103.0
1986	40749	104.5	112.1	94.6	101.1	109.9	96.3	103.8	96.9	110.4	97.1	103.1
1987	51187	104.6	111.4	95.5	100.8	109.9	96.4	103.9	97.1	109.8	97.6	102.6
1988	61714	104.2	110.3	96.0	100.4	109.2	96.6	103.5	97.6	109.1	97.3	102.2
1989	65725	104.1	109.5	96.1	100.4	108.7	96.5	103.4	97.7	108.7	97.0	102.2
1990	65229	104.1	109.2	96.2	100.3	108.7	96.3	103.5	97.8	108.5	97.0	101.9
1991	60830	103.9	108.7	97.1	100.7	107.9	97.0	103.4	97.9	107.9	97.6	102.4
1992	55886	103.7	108.3	97.5	100.7	107.3	97.4	103.2	98.0	107.5	97.9	102.5
1993	48031	103.5	107.9	97.4	100.5	107.0	97.5	103.1	98.0	107.4	97.7	102.5
1994	36715	103.4	107.0	97.9	99.8	106.9	97.4	102.8	98.5	107.1	97.8	102.0
1995	33185	102.9	106.6	98.1	99.7	106.2	97.7	102.2	98.7	106.8	98.0	101.7
1996	27306	102.7	106.4	98.0	99.8	105.9	97.7	102.1	98.6	106.5	97.9	101.6
1997	22721	102.4	105.9	98.2	99.7	105.3	97.9	101.8	98.9	106.0	98.4	101.1
1998	16207	102.5	105.3	98.6	99.6	105.0	97.9	101.8	99.4	105.7	98.3	101.2
1999	13641	102.2	105.0	98.8	99.8	104.4	98.1	101.6	99.3	105.2	98.7	101.1
2000	9915	102.0	104.6	98.8	99.7	104.1	98.6	101.3	99.6	104.9	99.0	101.0
2001	7724	101.5	104.4	98.8	99.8	103.5	99.1	100.8	99.6	104.6	99.2	100.9
2002	6711	101.5	104.0	99.0	99.4	103.6	99.1	100.7	99.8	104.2	99.5	100.2
2003	5755	101.2	103.4	99.2	99.5	102.9	99.0	100.6	99.9	103.8	99.1	100.3
2004	5130	101.1	103.2	98.9	99.6	102.6	99.0	100.6	99.6	103.6	98.9	100.2
2005	4354	101.0	103.0	99.3	99.6	102.4	99.5	100.5	99.6	103.3	99.5	100.1
2006	3696	100.7	102.7	99.1	99.7	101.8	99.6	100.4	99.7	103.0	99.5	100.1
2007	2871	100.6	102.3	99.5	99.5	101.7	99.7	100.2	99.9	102.7	99.7	99.6
2008	2561	100.5	102.1	99.5	99.5	101.5	99.7	100.2	99.8	102.5	99.7	99.6
2009	2201	100.3	102.5	98.7	100.0	101.5	99.8	100.2	99.4	102.5	99.9	99.4
2010	1595	100.5	102.7	98.4	99.8	101.8	99.3	100.4	99.3	102.7	99.6	99.3
2011	996	101.2	103.0	98.4	99.5	102.4	98.6	101.4	98.9	102.9	99.2	99.6
2012	596	101.5	103.1	98.4	99.8	102.7	98.2	101.9	98.7	103.0	99.2	99.6
2013	505	101.2	102.6	98.8	99.4	102.4	98.5	101.6	98.5	102.6	99.3	99.5
2014	381	101.2	102.2	99.2	99.1	102.3	98.6	101.8	98.2	102.3	99.7	99.3
2015	315	101.1	102.0	99.2	99.0	102.4	98.4	101.9	98.0	102.1	99.6	99.3
2016	214	101.3	102.0	98.9	99.1	102.5	98.4	101.8	98.2	102.3	99.4	99.6
2017	150	101.3	101.8	99.2	99.2	102.2	98.5	102.0	98.0	102.0	99.4	99.8
2018	49	101.3	101.6	99.2	98.8	102.4	98.4	101.9	98.4	102.1	99.8	99.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1292	98.8	100.1	98.8
1981	3311	98.6	100.0	98.8
1982	6919	98.6	99.9	98.8
1983	13598	98.7	100.0	98.6
1984	21210	98.5	99.9	98.5
1985	31328	98.1	99.6	98.3

1986	44029	97.7	99.4	98.1
1987	57163	97.9	99.5	98.4
1988	70159	98.2	99.7	98.8
1989	75745	98.0	99.5	98.5
1990	76384	98.0	99.5	98.6
1991	71564	98.0	99.7	98.4
1992	60102	98.1	99.9	98.5
1993	62540	98.3	100.1	98.7
1994	62956	98.5	100.1	98.9
1995	51935	98.9	100.3	99.1
1996	40609	99.0	100.4	99.1
1997	31193	99.1	100.3	99.4
1998	23693	99.1	100.2	99.4
1999	18512	98.9	99.8	99.4
2000	14096	99.3	100.0	99.7
2001	10894	99.1	99.8	99.7
2002	8880	99.0	100.0	100.1
2003	7816	99.1	100.0	99.7
2004	6769	99.3	100.0	99.8
2005	5675	99.3	100.1	99.9
2006	4843	98.7	99.6	100.1
2007	4205	99.1	99.8	99.9
2008	4230	98.9	100.1	99.3
2009	3832	98.4	99.3	99.5
2010	3174	99.6	100.6	99.4
2011	2664	98.9	100.0	99.2
2012	2416	99.0	100.0	99.0
2013	2287	99.4	100.5	99.0
2014	2103	99.8	100.7	99.5
2015	1867	100.3	101.5	99.9
2016	1556	100.2	101.3	100.0
2017	1123	100.4	101.4	100.1
2018	955	100.4	101.3	100.1
2019	730	100.1	101.0	99.9
2020	517	100.2	101.1	99.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	7107	-3281.2	-13465.2	-546.7	-475.2
2002	5469	-3165.9	-12906.4	-530.5	-457.3
2003	4888	-3114.0	-12704.9	-520.4	-450.6
2004	4307	-2895.6	-11797.5	-484.8	-418.6
2005	3830	-2826.7	-11466.2	-474.4	-408.2
2006	3471	-2631.0	-10709.3	-444.6	-378.2
2007	3020	-2435.6	-9794.2	-414.2	-349.1
2008	2885	-2260.4	-8988.0	-387.8	-322.6
2009	2471	-2126.0	-8546.0	-363.8	-303.6
2010	2143	-1984.1	-7957.8	-341.3	-282.5
2011	1811	-1744.8	-6988.0	-299.8	-248.6
2012	1684	-1511.2	-6203.2	-256.6	-216.4
2013	1645	-1361.1	-5608.1	-231.5	-194.6
2014	1447	-1170.2	-4761.1	-200.4	-166.8
2015	1171	-873.3	-3567.5	-147.9	-125.3
2016	864	-585.8	-2545.5	-93.5	-86.5
2017	637	-293.8	-1393.6	-45.9	-43.5
2018	345	222.7	568.6	44.4	29.7

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

Jaar	Aantal	Eff	Int	Gewen
1980	110	95.3	91.9	102.6
1981	343	94.9	91.4	103.0
1982	391	95.4	92.0	102.7
1983	946	96.3	92.2	102.5
1984	1413	96.4	92.0	102.5
1985	1767	96.7	92.1	102.3
1986	2526	97.1	91.9	102.1
1987	4072	97.1	91.2	102.3
1988	5563	97.0	90.7	102.8
1989	5631	97.2	90.3	103.0
1990	5297	97.1	90.3	103.0
1991	4878	97.2	91.1	101.3
1992	4210	97.1	91.4	100.9
1993	3441	96.9	91.3	101.1
1994	2393	97.1	91.2	101.5
1995	2287	97.4	91.7	101.0
1996	1694	97.8	91.9	101.1
1997	1335	98.0	91.6	101.2
1998	990	98.1	91.9	101.1
1999	844	98.2	92.1	101.0
2000	682	98.5	92.0	101.1
2001	631	98.7	91.1	101.5
2002	614	98.9	91.6	100.9
2003	537	99.5	91.6	100.1
2004	533	99.2	91.9	100.4
2005	534	99.5	91.8	101.7
2006	495	99.6	92.2	101.7
2007	491	100.1	92.4	100.0
2008	510	100.2	92.5	100.0
2009	548	99.3	92.6	99.6
2010	576	99.6	92.8	99.6
2011	475	99.9	95.0	100.3
2012	455	99.8	96.1	100.5
2013	432	100.2	97.1	100.4
2014	387	100.4	98.5	100.0
2015	315	99.9	99.3	99.9
2016	240	99.8	99.3	99.9
2017	199	99.8	99.0	100.0
2018	109	99.3	98.5	99.7

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	1766	96.7	100.4	26	-5.1	93.3	0	0.0
1981	4121	96.7	101.1	51	-5.1	100.7	0	0.0
1982	8381	96.8	101.0	35	-5.2	106.9	0	0.0
1983	16610	96.9	100.6	51	-4.7	94.6	0	0.0
1984	28221	96.5	100.2	66	-4.4	69.7	0	0.0
1985	46064	96.3	100.3	58382	-5.8	128.7	0	0.0
1986	66640	96.4	100.4	78958	-5.6	118.4	0	0.0
1987	86940	96.7	100.0	95274	-5.2	102.8	0	0.0

1988	113450	97.0	99.7	116440	-4.8	88.5	0	0.0
1989	117187	96.9	99.3	117876	-4.6	83.8	0	0.0
1990	100520	96.9	99.0	101040	-4.5	82.5	0	0.0
1991	79362	97.2	99.7	80221	-4.2	77.2	0	0.0
1992	63092	97.1	99.7	63872	-4.0	74.0	0	0.0
1993	52494	97.1	99.5	52568	-3.9	74.6	0	0.0
1994	38964	97.9	99.1	38975	-3.8	77.5	0	0.0
1995	34474	98.0	99.3	34492	-3.7	79.3	0	0.0
1996	26173	98.3	99.3	26190	-3.5	77.8	0	0.0
1997	18871	98.3	99.2	18891	-3.4	77.9	0	0.0
1998	14393	98.4	98.7	14408	-3.3	76.2	0	0.0
1999	11268	98.2	98.4	11286	-3.2	74.0	0	0.0
2000	8592	98.5	98.1	8606	-2.9	70.0	0	0.0
2001	7108	98.5	98.0	7116	-2.8	70.0	2901	93.9
2002	5457	98.7	98.0	5467	-2.8	70.1	2311	93.6
2003	4874	98.6	97.6	4887	-2.6	64.7	1981	94.3
2004	4292	98.8	97.5	4305	-2.5	64.9	1775	94.0
2005	3806	98.7	97.7	3824	-2.4	61.2	1584	94.7
2006	3456	99.0	97.9	3463	-2.1	51.4	1340	95.9
2007	3011	99.5	98.2	3015	-2.0	51.2	1053	95.7
2008	2870	99.7	97.8	2880	-1.8	45.3	1010	96.4
2009	2449	99.8	98.2	2461	-1.8	45.3	876	96.5
2010	2131	100.1	98.5	2135	-1.6	41.7	716	96.5
2011	1785	100.1	98.6	1790	-1.4	36.5	538	97.1
2012	1664	100.0	98.8	1667	-1.2	30.7	430	97.9
2013	1619	100.3	98.8	1622	-1.2	27.9	416	98.3
2014	1422	100.8	98.7	1426	-1.1	26.7	336	98.3
2015	1152	101.0	99.3	1160	-0.8	22.7	300	98.4
2016	842	101.2	99.5	852	-0.7	20.3	212	98.6
2017	628	101.6	99.8	635	-0.5	16.5	152	99.2
2018	349	102.0	99.9	373	-0.2	5.4	52	98.8
2019	0	0.0	0.0	24	-0.2	-2.0	0	0.0
2020	0	0.0	0.0	13	0.3	0.2	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	453	100.0	2	100.5	2	96.5	453	98.7
1981	1216	100.0	3	98.0	3	98.0	1216	98.4
1982	2257	100.0	6	98.5	6	99.2	2257	98.0
1983	4287	100.0	4	98.8	4	100.0	4287	98.0
1984	6318	100.0	9	99.0	8	99.1	6318	98.0
1985	8089	100.0	13	98.3	12	97.4	8089	97.9
1986	10772	100.0	39	101.0	37	98.0	10771	98.0
1987	13698	100.0	43	100.7	42	98.4	13697	98.2
1988	15324	100.0	56	100.1	38	100.0	15324	97.7
1989	15212	99.8	88	98.2	76	97.7	15211	97.2
1990	14085	99.6	122	98.2	104	97.0	14078	97.1
1991	12605	100.2	414	101.1	399	98.9	12605	97.4
1992	10912	100.4	315	101.5	313	99.0	10911	97.6
1993	8883	100.2	218	101.2	200	99.1	8883	97.4
1994	6574	100.0	164	99.6	139	99.5	6574	97.5
1995	6219	99.7	208	99.4	185	99.7	6219	97.4
1996	4858	99.6	197	99.2	185	99.7	4858	97.2
1997	3865	99.4	136	99.5	128	99.2	3865	97.2
1998	2989	99.3	100	99.1	96	99.1	2989	97.4
1999	2575	99.4	93	99.4	90	99.5	2574	97.1
2000	2196	99.4	85	99.1	83	98.5	2195	96.9
2001	2002	99.3	82	99.6	80	99.6	2002	97.2

2002	1812	99.5	62	99.8	62	98.8	1812	96.4
2003	1671	99.3	67	99.3	68	98.8	1671	96.1
2004	1691	99.4	64	99.3	66	98.4	1691	96.1
2005	1676	99.4	69	100.0	72	99.1	1675	95.9
2006	1656	99.5	58	99.6	59	99.7	1656	96.9
2007	1690	99.4	53	100.3	53	100.1	1689	96.6
2008	1803	99.5	56	100.4	62	99.0	1803	96.4
2009	1858	99.8	56	100.3	59	99.8	1858	97.6
2010	1816	99.9	34	100.3	43	100.4	1816	97.7
2011	1531	100.2	21	100.2	33	99.8	1531	98.4
2012	1455	100.3	24	100.2	27	99.9	1454	98.6
2013	1365	100.4	24	100.8	30	100.6	1365	98.9
2014	1212	100.4	14	101.4	17	100.2	1212	99.6
2015	1014	100.3	13	101.8	20	99.7	1012	99.7
2016	727	100.2	3	99.7	8	101.1	727	100.0
2017	526	100.3	2	102.0	2	102.0	526	100.7
2018	291	100.3	0	0.0	1	103.0	291	100.9

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	52	99.5	100.0	99.7	100.1	98.5	98.1
1981	55	99.5	100.1	99.5	100.2	98.3	97.6
1982	64	99.3	99.8	99.5	100.0	98.0	97.7
1983	229	99.0	99.7	98.7	99.7	97.8	97.8
1984	243	98.9	99.6	98.8	99.5	97.7	97.8
1985	300	99.5	100.4	99.0	100.1	98.2	98.2
1986	468	99.7	100.6	99.0	100.2	98.5	98.5
1987	1045	98.9	99.4	98.9	99.8	98.0	97.4
1988	1742	98.2	98.4	98.4	99.2	97.5	97.1
1989	1879	98.2	98.3	98.4	99.3	97.6	96.9
1990	1751	98.2	98.4	98.3	99.3	97.7	96.6
1991	1641	97.9	98.4	97.3	99.1	97.4	97.0
1992	1369	98.0	98.5	97.3	99.2	97.5	97.2
1993	1178	98.1	98.5	97.6	99.1	97.8	97.3
1994	816	97.8	98.0	97.3	99.0	97.6	96.7
1995	814	97.6	97.8	97.1	99.2	97.0	96.1
1996	648	97.8	98.2	97.2	99.3	97.0	96.4
1997	497	97.7	98.3	97.2	99.0	97.3	96.8
1998	311	97.7	98.2	97.3	98.9	97.3	96.9
1999	299	97.8	97.9	97.3	99.0	97.4	97.2
2000	252	97.6	97.9	97.0	98.8	97.6	97.2
2001	215	97.5	97.3	97.0	98.9	97.5	97.2
2002	183	98.2	98.5	98.2	99.4	97.6	96.3
2003	207	97.9	98.7	97.8	99.0	97.4	95.8
2004	205	98.5	99.4	98.2	99.5	97.8	96.2
2005	208	99.1	99.9	99.0	99.9	98.4	96.7
2006	197	100.0	100.5	99.9	100.6	99.4	97.7
2007	217	100.4	101.0	100.3	100.8	99.7	98.3
2008	214	100.4	100.8	100.3	101.0	99.6	98.3
2009	218	100.0	100.6	100.2	100.5	99.2	98.0
2010	184	99.5	100.2	99.7	100.0	99.0	97.7
2011	144	99.5	100.1	99.8	99.7	99.5	98.0
2012	130	99.8	100.3	100.2	99.9	99.9	98.6
2013	138	99.4	99.9	99.6	99.7	99.5	97.8
2014	91	99.2	99.5	99.7	99.3	99.9	98.0
2015	75	99.5	99.9	99.6	99.7	99.8	98.0
2016	56	99.3	99.9	99.8	99.5	99.7	97.9
2017	23	99.3	99.5	99.3	99.7	99.7	97.7

2018 20 99.5 100.2 100.2 99.5 99.5 98.2

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14345	-1181.6	-37.5	-58.5	-60.6	29.4	-28.4	-12.0	-336.7
1981	26867	-1089.8	-35.3	-53.5	-56.5	25.1	-24.7	-11.8	-310.3
1982	47371	-1035.5	-34.0	-52.2	-54.0	22.9	-25.8	-11.7	-301.7
1983	63317	-935.6	-30.4	-49.6	-49.4	21.2	-27.2	-11.6	-282.2
1984	74863	-948.6	-29.4	-48.8	-50.0	24.5	-24.7	-11.6	-276.9
1985	73960	-983.2	-28.7	-48.3	-51.6	28.7	-21.6	-11.7	-273.8
1986	69936	-949.1	-25.9	-45.5	-50.0	31.1	-18.6	-11.6	-255.9
1987	56448	-879.6	-23.5	-43.0	-46.8	29.5	-18.4	-11.5	-239.8
1988	45171	-779.2	-20.8	-40.2	-42.3	25.8	-19.7	-11.4	-221.4
1989	33573	-721.7	-17.8	-38.5	-39.6	26.2	-20.2	-11.3	-207.3
1990	20684	-672.3	-16.9	-36.7	-37.4	23.9	-20.0	-11.2	-197.2
1991	11588	-574.8	-14.5	-33.5	-32.9	20.3	-20.2	-11.1	-177.6
1992	6304	-438.0	-12.0	-29.9	-26.7	14.0	-22.1	-11.0	-156.0
1993	4247	-386.6	-11.7	-28.1	-24.3	10.6	-22.1	-10.9	-147.2
1994	2541	-292.7	-10.0	-25.5	-20.0	6.6	-23.1	-10.8	-131.6
1995	1712	-287.7	-8.3	-24.6	-19.8	9.0	-21.9	-10.7	-124.2
1996	1142	-260.2	-6.9	-22.7	-18.6	9.2	-20.5	-10.7	-113.0
1997	763	-291.8	-5.6	-22.3	-20.0	13.5	-18.0	-10.8	-109.1
1998	607	-212.6	-6.1	-20.5	-16.4	6.7	-19.6	-10.7	-101.7
1999	399	-148.8	-2.1	-17.2	-13.5	8.4	-17.9	-10.6	-78.8
2000	357	-74.0	0.9	-14.2	-10.0	8.2	-17.1	-10.4	-59.4
2001	288	-61.3	1.5	-14.3	-7.0	8.2	-17.9	-6.5	-57.4
2002	261	49.2	2.8	-11.7	-1.0	2.5	-20.0	-5.0	-42.2
2003	217	50.6	3.8	-11.8	-0.9	3.5	-20.4	-4.8	-40.5
2004	253	70.0	5.3	-9.5	-1.1	3.9	-18.2	-6.6	-28.4
2005	200	121.7	2.8	-8.2	1.3	-2.1	-18.5	-6.5	-27.3
2006	229	173.2	7.6	-6.3	3.4	1.3	-18.5	-6.7	-8.9
2007	216	310.4	7.4	-2.6	8.1	-8.5	-20.1	-9.0	7.5
2008	209	226.5	5.8	-6.0	5.0	-5.3	-20.6	-8.0	-10.9
2009	164	203.4	4.8	-5.5	2.6	-5.5	-19.0	-10.3	-11.8
2010	131	304.3	11.2	-2.2	8.2	-2.3	-19.2	-8.4	16.7
2011	163	302.9	13.0	-1.1	8.2	0.3	-17.7	-8.4	25.2
2012	184	429.2	15.0	1.8	12.8	-4.9	-19.9	-10.1	42.8
2013	205	423.5	14.2	2.9	12.0	-5.8	-18.0	-11.0	45.3
2014	206	527.7	19.2	7.5	16.7	-5.0	-16.4	-10.9	76.2
2015	163	468.0	16.6	6.1	14.0	-5.0	-15.6	-10.9	64.3
2016	113	459.4	15.5	5.1	12.8	-5.9	-16.5	-12.0	57.6
2017	107	533.2	18.1	8.6	16.3	-6.9	-15.3	-11.8	78.3
2018	72	590.7	21.5	8.3	20.7	-6.0	-18.8	-9.0	85.4

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	24111	94.2	89.5	95.0	98.2	98.3	88.3	96.5
1981	42122	94.8	90.3	95.7	98.4	99.1	88.2	96.5
1982	72282	95.2	90.7	96.3	99.1	99.0	88.2	97.1
1983	87381	95.5	90.9	96.7	99.6	98.2	88.0	97.2
1984	78339	95.5	90.9	97.0	100.0	97.9	87.9	97.2

1985	61013	95.5	90.9	97.3	100.1	97.8	87.9	97.2
1986	46943	95.7	91.0	97.5	100.4	97.5	87.7	96.6
1987	30978	96.6	90.5	97.9	100.9	96.8	87.9	97.2
1988	20193	97.2	90.6	98.9	101.8	96.1	87.9	97.9
1989	13250	97.7	90.9	99.5	102.2	95.7	88.3	98.1
1990	8168	98.0	90.9	99.6	102.4	95.5	88.4	98.0
1991	4617	98.5	91.1	99.8	102.6	95.2	88.3	97.6
1992	2609	98.9	90.5	99.8	102.9	94.3	88.5	97.7
1993	1550	98.9	90.6	99.6	102.7	94.4	88.4	97.7
1994	907	99.1	90.1	99.9	103.3	93.5	88.9	98.1
1995	557	99.2	89.9	99.7	103.2	93.7	88.4	98.1
1996	347	99.1	90.1	99.3	103.0	93.9	88.3	97.9
1997	218	98.8	89.9	99.2	103.0	94.1	88.2	98.2
1998	157	99.2	89.6	98.9	102.7	94.0	87.9	98.3
1999	88	99.4	90.3	99.6	103.3	94.1	88.7	98.9
2000	88	99.6	90.4	99.5	103.3	94.2	88.0	100.3
2001	87	100.0	90.2	99.9	103.6	94.0	88.8	100.7
2002	101	99.7	89.9	99.3	103.0	94.6	88.9	99.8
2003	68	100.6	90.4	100.6	104.2	93.7	88.7	99.7
2004	70	100.3	91.9	100.8	103.8	95.1	89.7	99.1
2005	58	101.0	90.7	101.1	104.4	93.7	88.5	101.3
2006	44	100.8	91.4	101.3	104.5	93.9	89.1	100.6
2007	43	100.5	90.6	100.9	104.1	93.6	89.0	100.9
2008	34	101.7	90.6	102.1	105.4	92.8	88.7	101.9
2009	18	102.1	91.4	102.0	105.4	93.2	89.3	100.8
2010	13	100.5	89.8	100.7	105.0	92.1	88.8	101.7
2011	22	100.6	89.7	102.0	105.5	92.1	89.0	100.4
2012	27	102.8	90.3	102.8	105.9	92.2	88.6	100.6
2013	29	102.7	90.9	102.0	105.1	93.0	88.9	101.9
2014	35	102.0	91.3	101.2	104.1	94.4	89.1	100.3
2015	29	101.5	91.5	101.0	104.2	94.7	89.6	99.8
2016	13	102.7	91.5	102.0	105.5	93.8	89.3	100.3
2017	12	103.7	91.5	102.0	104.8	94.8	90.2	100.2

Tabel: 57 Holstein - Fries Hollands zwartbont: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	24111	92.8	100.5	98.7	89.5	91.2
1981	42122	93.6	100.5	98.3	89.6	92.3
1982	72282	93.6	100.8	97.9	89.7	92.2
1983	87381	93.8	100.8	98.1	89.9	92.2
1984	78339	93.5	100.6	98.0	89.9	92.2
1985	61013	93.6	100.4	97.9	90.0	92.3
1986	46943	94.0	100.2	98.0	90.2	92.7
1987	30978	94.3	100.7	97.8	89.8	93.0
1988	20193	94.6	101.4	97.1	89.6	93.2
1989	13250	94.5	101.9	96.9	89.7	93.2
1990	8168	94.8	101.9	97.0	89.7	93.5
1991	4617	94.7	101.8	96.7	89.9	93.7
1992	2609	94.3	102.3	96.4	90.2	93.9
1993	1550	94.8	102.2	96.8	90.4	94.2
1994	907	94.9	101.9	96.7	90.2	94.4
1995	557	95.2	101.9	96.9	90.3	94.8
1996	347	95.2	101.6	96.7	90.4	94.8
1997	218	95.2	102.0	96.3	90.9	94.9
1998	157	94.9	101.8	96.3	91.0	95.0
1999	88	95.5	102.2	96.4	91.0	95.3
2000	88	96.3	101.9	96.0	91.2	95.7
2001	87	96.4	101.3	96.9	91.0	95.9

2002	101	96.4	100.6	96.9	91.1	96.3
2003	68	96.2	101.1	96.6	91.6	96.5
2004	70	96.8	100.7	97.3	92.2	97.2
2005	58	97.1	102.0	96.4	91.3	97.1
2006	44	97.1	101.1	97.1	91.8	97.2
2007	43	96.2	101.5	96.4	91.0	96.1
2008	34	97.5	100.9	97.4	91.3	97.7
2009	18	96.6	101.4	96.7	90.2	96.7
2010	13	95.3	100.8	96.5	90.7	95.5
2011	22	96.9	101.4	96.1	91.4	97.7
2012	27	96.9	101.0	97.7	91.6	97.5
2013	29	97.2	100.4	97.5	92.1	97.8
2014	35	97.3	100.2	98.1	91.7	98.0
2015	29	98.5	99.9	98.1	93.0	99.4
2016	13	98.5	100.5	97.7	92.6	98.9
2017	12	98.5	101.1	97.2	92.3	99.0

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	24111	100.1	96.1	99.9	101.8	98.0	98.9	96.3
1981	42122	100.2	96.0	100.0	101.8	98.2	99.2	96.3
1982	72282	100.2	96.2	100.0	101.6	98.4	99.1	96.6
1983	87381	99.9	96.8	100.2	101.3	99.0	99.6	96.7
1984	78339	99.8	96.6	100.2	101.0	99.6	99.8	97.0
1985	61013	99.7	96.4	100.3	101.1	100.0	99.7	96.9
1986	46943	99.8	96.4	100.2	101.2	100.4	99.8	96.7
1987	30978	100.0	97.3	99.8	101.4	100.8	100.5	97.4
1988	20193	100.3	98.7	99.5	101.0	101.0	100.9	97.9
1989	13250	100.6	99.2	99.4	101.1	101.1	101.1	98.1
1990	8168	100.8	99.6	99.1	101.4	101.1	101.6	98.6
1991	4617	100.9	99.5	99.5	101.7	101.8	101.7	98.7
1992	2609	100.9	99.6	99.8	101.9	102.6	102.4	99.7
1993	1550	100.6	99.7	99.7	101.8	103.0	102.6	99.7
1994	907	100.6	99.8	100.1	101.8	103.1	102.7	100.2
1995	557	100.8	100.1	100.1	102.0	102.8	102.7	100.4
1996	347	100.9	100.2	99.9	102.3	102.7	102.8	100.4
1997	218	101.4	101.0	99.5	102.6	102.8	103.2	101.0
1998	157	101.8	101.3	99.4	103.3	102.7	103.5	101.3
1999	88	101.0	101.2	100.1	102.0	102.7	102.8	100.6
2000	88	101.9	101.9	98.8	103.3	103.0	103.6	101.8
2001	87	102.1	103.2	99.3	103.5	103.3	103.9	102.1
2002	101	102.1	102.3	99.1	103.4	103.4	103.4	101.5
2003	68	102.4	103.8	98.6	104.0	104.2	104.7	103.1
2004	70	102.6	103.4	98.9	103.7	103.6	104.4	102.3
2005	58	102.3	104.2	98.8	103.3	104.1	105.0	103.5
2006	44	102.0	104.0	99.8	102.8	104.2	105.0	103.0
2007	43	102.1	103.4	99.1	103.3	104.3	104.7	102.9
2008	34	101.4	104.7	98.9	102.6	105.1	106.0	104.2
2009	18	102.1	102.8	99.9	103.2	105.5	104.9	103.1
2010	13	102.6	104.8	99.3	103.4	104.1	105.1	103.9
2011	22	102.3	103.5	100.0	102.8	106.0	105.4	103.1
2012	27	103.1	105.3	98.6	104.5	106.2	106.4	105.2
2013	29	102.2	104.6	98.5	103.8	105.6	106.0	104.2
2014	35	101.4	104.7	99.4	103.0	104.7	105.3	103.3
2015	29	102.5	104.5	99.1	103.5	104.8	104.6	102.8
2016	13	102.9	105.0	99.4	103.7	107.0	106.1	104.5
2017	12	103.1	103.9	99.2	104.3	104.8	104.8	103.4

Tabel: 59 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	24111	86.9	94.5	100.3	90.9	94.5	90.5
1981	42122	87.3	95.6	100.4	91.9	95.2	91.5
1982	72282	87.9	96.3	100.3	91.8	95.1	91.6
1983	87381	88.1	96.3	100.5	91.9	94.7	91.8
1984	78339	88.2	96.4	100.5	91.7	94.6	91.8
1985	61013	88.2	96.6	100.7	91.8	94.7	92.0
1986	46943	87.9	96.5	101.0	92.3	94.4	92.3
1987	30978	88.3	96.3	101.4	92.5	93.9	92.7
1988	20193	89.1	96.7	101.5	92.7	93.5	93.2
1989	13250	89.7	96.9	101.8	92.7	93.3	93.5
1990	8168	89.7	96.9	102.0	93.0	93.0	93.7
1991	4617	89.5	96.8	102.4	93.0	93.0	94.0
1992	2609	89.5	96.3	102.6	93.0	92.4	94.0
1993	1550	89.3	96.2	102.7	93.5	92.3	94.2
1994	907	89.8	95.9	102.6	93.6	91.7	94.3
1995	557	89.4	95.9	102.6	94.0	91.7	94.4
1996	347	89.2	95.9	102.8	94.1	91.8	94.5
1997	218	89.2	96.0	103.1	94.0	91.8	94.6
1998	157	88.9	95.7	103.5	94.0	91.7	94.7
1999	88	90.1	96.5	102.8	94.5	92.0	95.0
2000	88	90.3	96.8	103.7	94.9	92.2	95.9
2001	87	90.9	97.0	103.9	95.1	92.4	96.3
2002	101	90.3	96.8	104.0	95.1	92.3	96.1
2003	68	90.8	96.8	104.7	95.4	92.0	96.8
2004	70	91.5	97.9	104.6	96.3	93.6	97.7
2005	58	91.6	97.4	104.3	96.2	92.6	97.4
2006	44	91.9	97.8	104.1	96.4	93.0	97.5
2007	43	91.6	97.1	104.3	95.3	92.9	96.8
2008	34	92.2	97.6	104.3	97.0	92.2	98.0
2009	18	92.3	97.8	104.7	96.0	92.3	97.8
2010	13	91.7	96.9	104.3	94.8	91.0	96.5
2011	22	91.4	96.7	105.0	96.7	91.2	97.9
2012	27	91.6	97.1	105.9	96.8	91.7	98.5
2013	29	92.4	97.6	105.2	96.9	92.7	98.5
2014	35	91.7	97.8	104.3	97.1	93.4	97.9
2015	29	91.7	98.2	104.9	98.5	93.5	99.1
2016	13	92.2	98.5	105.9	98.1	92.5	99.5
2017	12	92.2	98.4	105.1	98.2	93.9	99.2

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	44585	101.3	100.6	100.0	99.8	101.1	101.6	92.9	99.9
1981	78721	100.5	100.7	99.6	99.7	100.2	100.7	93.4	99.6
1982	137482	100.1	100.6	99.4	99.4	99.9	100.4	93.8	99.3
1983	171163	100.3	100.0	99.1	99.0	99.6	100.2	94.3	99.0
1984	163963	100.5	99.8	99.2	98.9	99.7	100.1	94.5	98.9
1985	133601	100.5	99.7	99.1	98.8	99.7	99.9	94.3	98.8
1986	112366	100.2	99.5	98.8	98.5	99.4	99.4	94.5	98.5
1987	84390	100.1	99.5	98.5	98.3	99.2	100.4	95.4	98.3
1988	57937	99.9	98.8	98.2	97.8	98.8	100.8	96.1	97.8

1989	40667	99.5	98.4	97.8	97.3	98.3	99.9	97.2	97.3
1990	25709	99.0	98.6	97.7	97.3	98.0	99.6	97.6	97.3
1991	14771	99.1	98.3	97.5	97.1	97.9	99.8	97.9	97.1
1992	8206	99.0	98.2	97.4	96.9	97.9	100.3	98.0	96.9
1993	5416	99.3	98.0	97.6	96.9	98.2	100.7	98.1	97.1
1994	3313	99.0	97.8	97.5	96.7	98.1	100.6	98.3	96.9
1995	2153	98.9	97.8	97.3	96.5	98.0	100.3	98.2	96.7
1996	1435	98.8	97.8	97.4	96.6	98.0	100.4	98.5	96.8
1997	966	98.9	97.8	97.4	96.7	98.0	100.2	98.5	96.8
1998	767	98.7	97.9	97.3	96.7	97.8	100.0	98.7	96.8
1999	497	98.5	97.9	97.2	96.7	97.7	99.8	98.7	96.8
2000	445	98.6	97.7	97.1	96.5	97.6	99.5	98.8	96.5
2001	366	98.6	97.5	97.1	96.3	97.6	99.6	99.3	96.5
2002	341	98.3	97.6	96.9	96.3	97.5	99.3	99.2	96.4
2003	303	98.7	97.6	97.2	96.5	97.8	99.8	99.2	96.6
2004	357	98.9	97.8	97.4	96.7	97.9	99.7	99.0	96.8
2005	278	98.5	97.4	97.1	96.3	97.7	99.7	99.5	96.5
2006	306	98.6	97.5	97.3	96.5	97.8	99.5	99.1	96.6
2007	306	99.0	97.0	97.3	96.2	98.1	100.0	99.8	96.5
2008	305	99.2	97.1	97.4	96.3	98.2	99.8	99.5	96.6
2009	269	99.1	97.8	97.9	97.0	98.5	99.9	100.0	97.2
2010	215	99.0	98.1	98.1	97.2	98.6	100.0	100.4	97.5
2011	275	98.7	98.3	98.0	97.4	98.5	99.6	99.9	97.5
2012	287	98.7	98.0	97.8	97.0	98.3	99.4	99.5	97.2
2013	267	98.6	98.4	98.1	97.5	98.5	99.2	99.7	97.6
2014	272	98.6	98.1	97.8	97.1	98.3	99.2	99.5	97.3
2015	212	98.5	98.2	97.8	97.2	98.3	99.0	99.7	97.3
2016	153	98.7	99.0	98.6	98.1	99.0	99.3	99.8	98.2
2017	138	98.4	98.6	98.2	97.7	98.7	98.9	100.6	97.7
2018	103	98.8	98.8	98.7	98.1	99.2	99.7	100.2	98.3
2019	11	97.7	99.5	98.2	98.0	98.5	99.0	101.6	98.0

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	9317	96.9	88.7	96.3	105.2	106.6
1981	16405	96.6	89.9	95.7	104.8	106.0
1982	27574	96.7	90.3	95.3	104.3	105.3
1983	33835	97.1	90.4	95.0	103.9	104.8
1984	32309	97.4	91.2	94.8	103.4	104.3
1985	26372	97.4	91.6	94.7	103.4	104.3
1986	22628	97.6	92.4	94.6	103.0	103.9
1987	16946	97.3	93.4	94.5	103.0	103.6
1988	11938	97.3	93.9	94.6	102.9	103.4
1989	8438	97.9	94.0	94.0	101.9	102.5
1990	5768	97.9	94.0	93.7	101.5	102.3
1991	3734	97.6	93.6	93.5	100.9	101.6
1992	2565	97.2	93.8	93.4	100.5	101.0
1993	1521	97.0	94.5	93.7	100.9	101.5
1994	887	97.0	94.6	93.8	100.8	101.2
1995	520	97.7	94.5	93.7	100.8	101.2
1996	305	97.7	94.7	94.0	101.0	101.4
1997	196	97.7	95.0	94.0	100.9	101.3
1998	144	97.5	95.4	93.6	100.6	101.1
1999	80	97.1	95.5	93.3	100.1	100.8
2000	76	98.8	95.8	93.5	100.1	100.7
2001	67	98.9	96.8	93.7	100.2	100.6
2002	79	98.5	96.0	93.8	100.2	100.3
2003	60	99.0	96.8	93.9	99.8	100.3

2004	61	98.4	96.6	94.1	100.2	100.4
2005	43	98.6	92.6	94.0	100.0	100.6
2006	38	98.1	98.3	94.6	100.3	100.7
2007	32	97.7	98.1	93.7	99.3	99.8
2008	32	99.0	97.5	94.2	99.5	99.8
2009	10	99.3	88.5	94.1	99.5	99.8
2010	11	98.1	97.5	94.9	100.6	100.3
2011	21	98.3	92.9	94.7	99.8	99.6
2012	20	98.0	97.3	94.7	99.9	100.1
2013	24	99.3	94.3	95.2	100.3	100.2
2014	34	99.6	96.2	94.7	100.1	99.5
2015	28	98.6	98.8	95.2	100.5	100.4
2016	13	98.1	90.8	95.9	100.8	100.6
2017	12	97.5	65.6	95.7	100.9	100.6

Tabel: 62 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	14345	-131.7	-336.7	52.1	106.8	99.9	100.3	90.9	98.2	97.8
1981	26867	-126.6	-310.3	15.3	106.1	99.6	100.4	91.9	98.3	91.7
1982	47371	-134.0	-301.7	-5.1	105.5	99.3	100.3	91.8	98.0	94.1
1983	63317	-134.8	-282.2	-46.8	104.9	99.0	100.5	91.9	98.1	93.2
1984	74863	-154.8	-276.9	-181.8	104.4	98.9	100.5	91.7	97.9	78.5
1985	73960	-162.1	-273.8	-269.9	104.4	98.8	100.7	91.8	97.7	107.1
1986	69936	-160.9	-255.9	-316.8	104.0	98.5	101.0	92.3	97.5	102.0
1987	56448	-155.0	-239.8	-353.7	103.7	98.3	101.4	92.5	97.2	94.1
1988	45171	-152.6	-221.4	-364.6	103.5	97.8	101.5	92.7	97.2	85.7
1989	33573	-154.7	-207.3	-378.7	102.5	97.3	101.8	92.7	97.0	81.2
1990	20684	-149.5	-197.2	-369.9	102.1	97.3	102.0	93.0	97.0	78.9
1991	11588	-143.4	-177.6	-345.0	101.4	97.1	102.4	93.0	97.3	76.4
1992	6304	-134.7	-156.0	-301.6	100.9	96.9	102.6	93.0	97.7	77.8
1993	4247	-125.7	-147.2	-296.5	101.4	97.1	102.7	93.5	98.0	78.3
1994	2541	-119.9	-131.6	-274.3	101.1	96.9	102.6	93.6	98.2	79.9
1995	1712	-115.3	-124.2	-247.2	101.2	96.7	102.6	94.0	98.2	80.4
1996	1142	-109.0	-113.0	-230.2	101.4	96.8	102.8	94.1	98.2	79.4
1997	763	-106.7	-109.1	-241.4	101.3	96.8	103.1	94.0	98.4	77.9
1998	607	-103.2	-101.7	-227.7	101.0	96.8	103.5	94.0	98.4	77.2
1999	399	-95.0	-78.8	-211.1	100.6	96.8	102.8	94.5	98.5	74.4
2000	357	-88.7	-59.4	-197.0	100.6	96.5	103.7	94.9	98.4	69.3
2001	288	-84.2	-57.4	-179.9	100.5	96.5	103.9	95.1	98.4	68.9
2002	261	-78.2	-42.2	-164.4	100.2	96.4	104.0	95.1	98.3	67.4
2003	217	-74.5	-40.5	-148.2	100.1	96.6	104.7	95.4	98.4	66.6
2004	253	-64.2	-28.4	-137.2	100.3	96.8	104.6	96.3	98.5	62.5
2005	200	-63.5	-27.3	-121.9	100.4	96.5	104.3	96.2	98.9	62.8
2006	229	-50.4	-8.9	-92.9	100.6	96.6	104.1	96.4	99.1	60.4
2007	216	-54.0	7.5	-118.6	99.5	96.5	104.3	95.3	99.0	60.7
2008	209	-56.0	-10.9	-106.8	99.6	96.6	104.3	97.0	99.2	52.6
2009	164	-51.0	-11.8	-121.3	99.6	97.2	104.7	96.0	99.4	59.7
2010	131	-35.0	16.7	-49.2	100.4	97.5	104.3	94.8	99.5	60.9
2011	163	-31.7	25.2	-30.5	99.7	97.5	105.0	96.7	99.5	56.9
2012	184	-23.4	42.8	2.2	100.0	97.2	105.9	96.8	99.6	51.6
2013	205	-23.1	45.3	28.4	100.3	97.6	105.2	96.9	99.7	46.9
2014	206	-8.6	76.2	43.0	99.7	97.3	104.3	97.1	100.0	44.8
2015	163	-1.2	64.3	50.8	100.5	97.3	104.9	98.5	100.0	42.3
2016	113	3.1	57.6	66.1	100.8	98.2	105.9	98.1	100.1	41.1
2017	107	13.4	78.3	75.6	100.8	97.7	105.1	98.2	100.3	33.5
2018	72	22.0	85.4	93.8	101.6	98.3	107.0	95.5	100.5	36.9

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1982	12	94.0	95.0	97.1	95.8	95.1	99.8	98.2
1983	547	96.5	96.4	98.1	97.2	98.2	103.9	98.0
1984	597	96.5	96.4	98.1	97.2	98.3	103.9	98.0
1985	721	96.5	96.4	98.2	97.1	98.3	103.9	98.0
1986	1014	96.6	96.3	98.3	97.2	98.1	103.9	98.0
1987	647	96.3	96.2	98.2	96.9	97.9	103.7	98.0
1988	810	95.9	95.0	98.8	97.6	95.5	103.1	97.9
1989	793	96.2	94.9	99.4	98.2	95.0	103.2	98.0
1990	608	96.5	95.0	99.6	98.4	95.1	103.3	98.0
1991	707	97.2	95.1	100.2	99.2	95.5	102.9	98.8
1992	496	97.7	95.2	100.6	99.8	95.6	102.9	99.1
1993	276	97.3	95.3	100.2	99.4	95.3	102.8	98.8
1994	171	96.4	94.8	99.9	98.2	95.2	102.5	98.1
1995	190	96.2	95.7	99.5	97.3	95.8	102.2	97.6
1996	100	96.1	96.1	99.3	97.0	95.9	101.7	97.7
1997	78	95.9	95.6	99.5	97.1	95.4	101.5	97.5
1998	86	95.4	95.4	99.2	96.6	95.0	101.0	97.4
1999	40	94.5	94.9	98.4	96.3	93.8	100.5	97.0
2000	36	94.5	94.3	99.0	96.3	93.9	100.9	96.8
2001	24	95.2	95.8	98.5	96.5	95.3	101.3	97.0
2002	37	95.5	95.3	99.2	97.2	94.5	101.5	97.0
2003	40	95.0	95.0	98.8	96.5	94.5	101.2	97.4
2004	47	96.0	96.2	98.9	97.6	95.6	100.7	97.9
2005	31	96.4	95.9	99.4	98.0	95.1	101.5	97.1
2006	25	94.7	96.0	97.9	95.4	95.7	100.6	97.5
2007	12	96.0	96.5	99.1	96.5	96.1	101.6	98.4
2008	15	95.5	95.9	98.1	97.2	95.2	101.0	98.1
2015	15	97.6	99.2	97.8	97.7	98.4	100.5	100.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVal	LVg2	LVa2
1980	11072	101.1	97.1	101.1	97.1	93.3	98.1
1981	21122	100.9	97.3	100.9	97.3	93.2	97.9
1982	37662	100.7	97.3	100.7	97.3	93.0	97.5
1983	48250	100.7	97.2	100.7	97.2	93.2	97.4
1984	49949	101.2	96.8	101.2	96.8	93.4	97.0
1985	44178	100.8	96.7	100.8	96.7	93.0	96.7
1986	41369	100.6	96.6	100.6	96.6	92.8	96.7
1987	33243	100.4	96.4	100.4	96.4	92.9	96.9
1988	25599	100.8	96.2	100.8	96.2	93.5	97.3
1989	20238	100.6	96.2	100.6	96.2	93.7	97.2
1990	14816	100.9	96.0	100.9	96.0	93.9	96.9
1991	10074	101.2	96.3	101.2	96.3	94.1	96.8
1992	5941	101.6	96.4	101.6	96.4	94.6	96.8
1993	4442	101.9	96.5	101.9	96.5	94.6	97.1
1994	3298	102.2	96.5	102.2	96.5	94.8	97.2
1995	2196	102.4	96.4	102.4	96.4	94.9	96.8
1996	1553	102.5	96.4	102.5	96.4	94.9	96.9
1997	1097	102.6	96.5	102.6	96.5	94.8	97.0
1998	904	102.5	96.4	102.5	96.4	94.8	96.8
1999	695	102.5	96.6	102.5	96.6	94.7	96.9

2000	605	102.3	96.7	102.3	96.7	94.7	96.7
2001	446	102.3	96.7	102.3	96.7	94.6	96.8
2002	431	102.2	96.6	102.2	96.6	94.9	96.8
2003	396	102.3	96.7	102.3	96.7	95.0	96.7
2004	434	102.5	96.6	102.5	96.6	95.2	96.8
2005	327	102.8	96.8	102.8	96.8	95.3	96.9
2006	316	102.9	97.0	102.9	97.0	95.4	97.2
2007	316	102.8	97.1	102.8	97.1	95.4	96.9
2008	317	102.7	97.1	102.7	97.1	95.5	97.0
2009	290	103.0	97.3	103.0	97.3	96.0	97.2
2010	230	103.3	97.2	103.3	97.2	96.2	97.2
2011	280	103.2	97.2	103.2	97.2	96.2	97.2
2012	326	103.2	96.9	103.2	96.9	96.6	97.0
2013	303	103.1	97.4	103.1	97.4	96.4	97.5
2014	295	103.1	97.3	103.1	97.3	96.4	97.4
2015	262	103.6	97.0	103.6	97.0	96.8	97.1
2016	207	103.5	97.4	103.5	97.4	96.8	97.7
2017	187	103.5	96.2	103.5	96.2	96.9	96.3
2018	180	103.9	96.7	103.9	96.7	97.4	97.0
2019	160	104.1	96.7	104.1	96.7	97.5	96.9
2020	115	104.0	97.1	104.0	97.1	97.3	97.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	13634	99.5	101.7	101.1	87.6	86.2	86.0
1981	23386	99.3	101.4	101.2	90.1	88.9	89.5
1982	40129	98.4	101.8	102.2	92.1	90.9	92.1
1983	67258	98.4	101.4	102.1	94.4	93.1	93.6
1984	66147	98.2	101.4	102.2	95.1	94.5	95.2
1985	52504	99.0	101.0	101.4	94.6	94.6	94.6
1986	43043	99.0	101.0	101.2	95.1	95.8	95.3
1987	30065	98.6	100.8	101.6	95.9	95.9	95.7
1988	20222	98.6	100.8	101.6	96.4	95.4	94.7
1989	13197	97.8	100.5	102.5	96.1	95.6	95.0
1990	8194	98.0	100.1	102.4	95.3	95.5	95.3
1991	5367	98.3	99.9	102.1	95.5	95.6	95.8
1992	3197	98.6	99.6	101.8	95.9	95.8	96.0
1993	1947	98.9	100.0	101.7	94.6	94.4	94.6
1994	1170	99.1	100.2	101.6	93.2	92.8	92.8
1995	733	98.4	100.6	102.7	90.8	90.8	91.2
1996	532	99.0	99.8	102.0	94.4	94.8	95.1
1997	286	99.3	99.4	101.6	94.4	95.0	95.1
1998	239	100.0	99.0	100.9	92.7	93.4	93.1
1999	195	99.8	99.3	101.2	93.2	94.3	93.8
2000	171	98.8	99.7	102.4	95.6	96.5	96.5
2001	155	98.9	99.9	102.3	96.5	97.3	97.0
2002	157	99.5	99.5	101.5	98.4	98.9	98.6
2003	139	99.3	99.2	101.7	96.7	96.8	96.5
2004	142	99.5	99.5	101.6	96.9	97.0	96.4
2005	134	99.4	99.5	101.8	94.7	94.6	94.1
2006	146	99.6	99.0	101.6	96.1	96.5	96.4
2007	209	99.6	99.1	101.5	91.8	91.8	92.1
2008	195	99.2	99.4	101.9	98.6	98.0	98.3
2009	152	99.7	99.1	101.4	96.8	96.2	96.3
2010	131	99.8	99.3	101.1	98.6	98.2	98.3
2011	167	100.6	98.0	100.5	95.6	94.9	94.4
2012	214	100.1	97.6	101.0	97.0	94.8	94.2
2013	177	99.7	97.6	101.5	98.5	95.8	95.0

2014	229	99.9	96.9	101.5	98.1	94.9	94.1
2015	194	100.5	97.7	100.8	96.0	93.3	92.6
2016	139	100.2	97.5	101.1	102.9	99.2	98.2
2017	108	100.1	98.3	101.3	98.7	94.6	94.1
2018	106	100.1	98.6	101.2	90.5	86.8	86.3
2019	95	100.7	97.8	100.5	91.5	87.7	87.0
2020	59	100.3	98.2	101.0	96.5	92.6	91.7

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	12909	99.2	96.0	98.5	96.7	99.6	97.3	100.3	97.5	100.6	96.6	97.6
1981	23140	99.3	96.2	98.3	97.3	99.8	97.0	100.8	96.8	100.5	96.1	98.1
1982	40063	99.5	95.9	98.9	97.2	99.6	97.1	101.2	96.6	100.4	96.6	98.3
1983	50877	99.5	95.2	99.6	97.2	99.3	97.3	101.2	96.7	99.7	96.9	98.1
1984	50841	99.2	95.0	99.6	96.9	99.4	97.4	100.9	96.3	99.7	96.4	98.5
1985	43985	98.8	94.8	99.6	96.7	98.9	97.7	100.7	96.2	99.5	96.4	98.5
1986	39950	98.6	94.5	100.0	96.6	98.5	97.9	100.5	96.1	99.2	96.6	98.4
1987	31560	98.8	93.8	100.6	96.6	98.4	98.0	100.6	96.9	98.7	97.1	98.1
1988	23879	98.2	92.4	101.2	96.2	97.2	98.3	99.9	97.6	97.7	96.8	97.5
1989	18441	98.1	91.4	101.4	96.3	96.3	98.4	99.9	97.9	96.9	97.0	97.1
1990	13439	98.2	91.2	101.5	96.4	96.3	98.0	100.0	98.0	96.7	96.7	97.0
1991	8950	98.0	91.0	102.0	96.6	95.7	98.8	99.9	98.0	96.4	97.4	97.4
1992	5740	97.6	90.6	102.2	96.5	95.0	99.0	99.6	98.0	96.1	97.3	97.3
1993	4057	97.3	90.3	102.1	96.2	94.8	99.1	99.3	97.9	95.9	97.3	97.1
1994	2537	97.3	89.7	102.6	95.6	94.8	99.0	99.1	98.4	95.7	97.4	96.8
1995	1761	97.0	89.8	102.3	95.6	94.6	99.1	98.8	98.3	95.6	97.4	96.3
1996	1320	96.8	90.0	102.0	95.4	94.9	99.0	98.6	98.0	95.8	97.3	95.9
1997	1047	96.6	89.9	102.0	95.2	94.9	99.0	98.4	98.1	95.6	97.5	95.3
1998	760	96.7	90.1	102.2	95.0	95.2	98.9	98.5	97.8	95.8	97.5	95.3
1999	602	96.5	90.2	102.3	95.0	95.1	99.1	98.3	97.8	95.9	97.5	95.2
2000	511	96.2	90.0	102.2	94.9	94.9	99.4	97.9	97.9	95.8	97.3	95.2
2001	378	96.1	89.7	102.1	94.7	94.6	99.5	97.9	97.8	95.4	97.4	94.9
2002	380	95.9	89.5	102.0	94.7	94.6	99.5	97.9	97.1	95.3	97.4	95.1
2003	344	95.9	89.7	101.5	94.8	94.6	99.3	97.7	97.5	95.4	97.1	95.0
2004	389	95.8	90.0	101.8	94.8	94.7	99.7	97.6	97.4	95.8	97.4	95.0
2005	298	95.5	89.6	101.9	94.7	94.2	99.8	97.3	97.6	95.4	97.5	94.8
2006	294	95.2	89.8	101.3	95.0	93.9	100.1	96.9	97.6	95.3	97.4	94.7
2007	249	95.2	89.6	101.1	95.1	93.7	99.7	97.1	97.5	95.0	97.1	94.7
2008	214	94.9	89.5	101.0	95.3	93.4	100.1	96.9	97.3	95.1	97.1	94.9
2009	166	95.0	89.6	101.0	95.5	93.5	100.2	96.8	97.7	95.0	97.6	94.5
2010	116	94.7	88.3	102.0	94.6	92.8	100.1	96.7	97.6	94.0	97.5	94.2
2011	104	93.9	88.8	102.1	94.3	92.8	101.4	95.7	97.2	94.7	98.3	93.7
2012	63	94.5	88.9	101.8	94.4	93.2	100.7	96.1	98.0	94.8	98.1	93.9
2013	39	93.2	87.2	101.8	94.0	91.1	101.8	94.8	98.1	93.4	98.0	93.7
2014	39	93.3	87.9	102.1	94.3	91.4	102.1	94.7	98.3	94.1	98.2	93.7
2015	29	93.7	87.6	102.4	93.9	91.7	101.1	95.5	98.3	93.4	98.4	93.0
2016	13	94.8	87.1	102.7	94.2	92.1	100.2	96.6	98.5	93.2	97.7	94.2
2017	12	95.3	88.1	101.9	94.8	93.1	100.9	97.1	98.2	94.2	98.5	94.5

Tabel: 67 Holstein - Fries Hollands zwartbont: Kalvervitaliteit
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	11064	100.4	98.8	100.7

1981	21150	99.8	98.5	100.5
1982	37654	99.4	98.1	100.4
1983	48163	99.6	98.4	100.2
1984	49993	99.7	98.4	99.8
1985	44054	99.2	98.2	99.9
1986	41234	98.8	97.9	99.7
1987	33058	98.9	97.9	99.9
1988	25466	99.5	98.1	100.8
1989	20036	99.1	97.7	100.3
1990	14691	99.5	98.0	100.2
1991	9757	99.4	98.2	100.2
1992	5769	99.4	98.4	100.4
1993	4820	99.7	98.5	100.4
1994	4136	99.7	98.6	100.6
1995	2709	100.0	98.7	100.8
1996	1884	99.9	98.7	100.8
1997	1344	99.9	98.5	100.9
1998	1044	99.9	98.5	100.9
1999	793	100.0	98.6	100.9
2000	684	100.1	98.6	100.7
2001	517	100.4	98.9	100.8
2002	476	100.3	98.8	100.6
2003	426	100.3	98.8	100.5
2004	518	100.6	99.2	100.4
2005	395	100.8	99.2	100.6
2006	372	100.8	99.2	100.4
2007	366	101.1	99.4	100.3
2008	385	100.7	99.1	100.6
2009	358	100.7	99.1	100.9
2010	276	101.2	99.6	101.0
2011	317	101.7	100.1	100.9
2012	387	101.6	100.1	100.8
2013	334	102.0	100.4	101.2
2014	322	102.3	100.6	101.5
2015	285	102.2	100.6	101.5
2016	230	101.6	100.1	101.5
2017	210	102.0	100.5	101.5
2018	207	102.0	100.4	101.7
2019	175	101.9	100.3	101.7
2020	123	101.9	100.3	101.9

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	287	-1548.1	-6025.3	-226.2	-241.5
2002	267	-1397.8	-5236.6	-203.6	-218.9
2003	217	-1288.9	-4840.2	-181.6	-205.0
2004	251	-1177.1	-4501.0	-164.1	-187.9
2005	205	-1079.2	-3893.7	-156.7	-169.8
2006	228	-837.2	-3021.2	-107.8	-138.9
2007	219	-944.2	-3231.1	-137.7	-149.1
2008	208	-911.5	-3088.8	-126.7	-147.1
2009	168	-994.2	-3502.7	-144.5	-156.9
2010	130	-450.9	-1284.4	-44.3	-82.9
2011	162	-290.9	-803.3	-13.0	-61.6
2012	188	-24.1	459.6	28.9	-22.1
2013	209	153.4	1137.7	55.9	5.0
2014	208	379.4	1991.4	93.5	38.0
2015	166	401.5	2013.6	95.5	42.3

2016	114	465.8	2376.0	107.4	50.8
2017	112	598.2	2865.7	126.6	71.6
2018	78	709.4	3431.5	155.0	82.3

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

Jaar	Aantal	Eff	Int	Gewen
1980	316	95.2	99.6	97.7
1981	985	94.7	98.8	98.0
1982	998	95.8	98.9	97.7
1983	2119	97.5	100.3	97.3
1984	2109	97.5	100.1	97.1
1985	1652	97.8	100.0	96.9
1986	1699	98.3	99.5	96.8
1987	1762	97.3	98.6	97.3
1988	1813	97.6	98.7	97.9
1989	1245	97.6	97.9	98.0
1990	838	97.0	96.0	98.4
1991	525	96.9	96.9	97.4
1992	283	97.6	97.4	96.4
1993	208	97.5	97.7	96.4
1994	121	97.3	97.4	97.0
1995	72	97.5	98.6	96.8
1996	41	98.2	98.9	96.7
1997	23	98.7	98.6	96.2
1998	25	99.0	98.3	96.1
1999	20	99.0	98.0	97.1
2000	23	99.2	97.4	97.6
2001	13	100.1	96.2	96.8
2002	19	100.0	96.3	97.0
2003	23	100.4	98.2	97.3
2004	25	99.9	98.4	96.6
2005	18	100.1	98.4	96.6
2006	39	99.4	96.7	97.2
2007	35	100.2	97.0	97.4
2008	22	101.0	100.1	96.6
2009	19	99.7	96.7	97.3
2010	24	99.9	98.8	96.5
2011	26	99.4	99.5	97.7
2012	16	99.7	99.4	96.6
2013	30	100.9	102.0	97.2
2014	52	100.8	103.2	97.1
2015	35	100.2	104.1	97.2
2016	34	100.6	105.4	96.6
2017	30	99.8	105.1	96.9

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	14345	98.0	102.0	27	-3.1	97.8	0	0.0
1981	26867	98.0	102.2	36	-2.9	91.7	0	0.0
1982	47371	98.2	102.3	57	-2.9	94.1	0	0.0
1983	63317	98.2	101.7	72	-2.8	93.2	0	0.0

1984	74863	98.0	101.4	80	-2.4	78.5	0	0.0
1985	73960	97.8	101.3	93433	-3.4	107.1	0	0.0
1986	69936	97.9	101.5	81278	-3.2	102.0	0	0.0
1987	56448	98.2	101.2	61065	-2.9	94.1	0	0.0
1988	45171	98.4	100.5	46215	-2.6	85.7	0	0.0
1989	33573	98.3	100.1	33719	-2.5	81.2	0	0.0
1990	20684	98.2	99.9	20755	-2.4	78.9	0	0.0
1991	11588	98.4	100.3	11653	-2.2	76.4	0	0.0
1992	6304	98.4	100.4	6378	-2.1	77.8	0	0.0
1993	4247	98.3	100.1	4254	-2.1	78.3	0	0.0
1994	2541	98.9	100.0	2541	-2.0	79.9	0	0.0
1995	1712	99.0	100.0	1714	-1.9	80.4	0	0.0
1996	1142	99.4	100.0	1144	-1.9	79.4	0	0.0
1997	763	99.6	99.9	763	-1.8	77.9	0	0.0
1998	607	99.9	100.2	607	-1.8	77.2	0	0.0
1999	399	99.9	99.6	399	-1.6	74.4	0	0.0
2000	357	100.2	99.5	359	-1.4	69.3	0	0.0
2001	288	100.2	99.3	289	-1.3	68.9	87	92.1
2002	261	99.8	99.2	269	-1.2	67.4	101	91.7
2003	217	100.3	100.1	217	-1.2	66.6	68	92.3
2004	253	100.6	100.3	257	-1.1	62.5	70	93.6
2005	200	100.9	99.4	206	-1.1	62.8	58	93.1
2006	229	100.5	100.0	234	-0.9	60.4	42	93.5
2007	216	99.8	98.4	224	-0.9	60.7	41	92.7
2008	209	100.5	99.1	210	-0.8	52.6	34	93.3
2009	164	99.3	99.1	170	-0.9	59.7	17	93.2
2010	131	100.4	98.8	131	-0.7	60.9	13	91.3
2011	163	100.8	99.8	163	-0.6	56.9	22	91.6
2012	184	101.4	98.9	186	-0.4	51.6	27	92.9
2013	205	101.2	99.0	207	-0.4	46.9	28	93.7
2014	206	101.6	99.7	208	-0.1	44.8	34	93.7
2015	163	101.7	100.3	163	-0.2	42.3	29	93.8
2016	113	101.2	99.4	114	-0.2	41.1	13	94.0
2017	107	101.1	99.5	107	0.1	33.5	12	94.8
2018	72	102.3	99.5	73	0.1	36.9	2	94.0

Tabel: 71 Holstein - Fries Hollands zwartbont: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	3373	99.7	0	0.0	0	0.0	3373	94.8
1981	6408	99.7	0	0.0	0	0.0	6408	94.5
1982	10472	99.6	2	98.5	2	98.0	10472	94.1
1983	12796	99.6	0	0.0	0	0.0	12796	93.8
1984	12343	99.7	1	98.0	1	99.0	12343	94.5
1985	10134	99.7	2	95.0	0	0.0	10134	94.5
1986	9106	99.5	7	99.4	5	97.0	9106	94.1
1987	7132	99.7	2	101.0	2	99.0	7132	95.2
1988	5127	99.6	1	98.0	0	0.0	5127	94.2
1989	3530	99.3	3	96.3	1	94.0	3530	93.0
1990	2404	99.3	5	97.4	3	99.0	2403	93.3
1991	1489	99.7	25	101.1	24	99.0	1489	93.9
1992	937	99.9	19	101.5	18	99.2	937	93.9
1993	595	99.6	9	102.2	9	98.3	595	93.7
1994	387	99.6	6	100.8	6	98.7	387	93.6
1995	229	99.1	3	100.7	2	101.0	229	93.2
1996	171	99.1	3	102.0	3	98.7	171	93.3
1997	112	99.0	8	100.1	8	98.4	112	93.4
1998	104	98.8	10	100.3	10	98.3	104	93.2
1999	92	98.9	3	100.7	3	96.3	92	93.7

2000	82	99.2	4	101.0	4	98.8	82	93.4
2001	65	99.1	1	102.0	1	96.0	65	93.7
2002	83	98.8	0	0.0	0	0.0	83	93.0
2003	87	98.7	0	0.0	0	0.0	87	93.2
2004	88	99.1	2	96.5	1	96.0	88	93.2
2005	75	99.2	0	0.0	0	0.0	75	93.3
2006	107	99.2	0	0.0	0	0.0	107	93.4
2007	114	99.2	0	0.0	0	0.0	114	92.9
2008	116	99.2	2	100.0	1	92.0	116	93.1
2009	105	99.2	0	0.0	0	0.0	105	93.5
2010	96	99.4	0	0.0	0	0.0	96	93.7
2011	111	99.5	1	100.0	1	96.0	111	94.1
2012	127	99.5	0	0.0	0	0.0	127	94.1
2013	142	99.6	1	98.0	0	0.0	142	93.8
2014	150	99.6	0	0.0	0	0.0	150	94.4
2015	116	99.6	0	0.0	0	0.0	116	94.8
2016	84	99.7	0	0.0	0	0.0	84	95.7
2017	70	99.7	0	0.0	0	0.0	70	95.1
2018	51	99.8	0	0.0	0	0.0	51	95.2

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	82	98.6	97.6	98.9	98.3	98.1	97.5
1981	87	99.1	98.1	99.6	98.7	98.1	97.6
1982	136	98.9	98.0	99.4	98.6	97.9	97.4
1983	587	98.2	97.9	98.0	98.1	97.7	97.3
1984	498	97.4	97.2	97.2	97.4	97.2	96.6
1985	324	98.4	98.3	97.9	98.3	97.9	97.4
1986	344	99.0	98.8	98.4	98.6	98.5	98.1
1987	479	98.5	97.8	98.4	98.3	98.3	97.3
1988	560	98.5	97.2	98.9	98.4	98.2	97.6
1989	455	98.8	97.3	99.3	98.7	98.3	97.7
1990	280	98.7	97.4	99.2	98.7	98.3	97.4
1991	144	98.5	97.4	98.4	98.5	98.2	97.6
1992	82	98.1	97.0	97.7	98.3	97.9	97.6
1993	56	97.5	96.2	96.6	97.4	98.3	98.2
1994	31	96.5	95.2	95.5	96.7	97.6	96.9
1995	14	96.9	95.0	96.5	97.3	97.6	97.6
1996	16	96.4	95.2	96.2	96.8	97.2	95.8
1997	14	95.8	94.8	95.4	96.4	96.2	95.1
1998	17	95.4	94.2	95.4	96.0	95.8	95.4
2014	12	97.8	96.3	98.2	98.0	97.7	96.9

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	23159	-1452.5	-52.1	-63.6	-73.0	25.5	-20.1	-12.4	-392.3
1981	20564	-1474.6	-52.4	-63.5	-74.0	27.0	-18.3	-12.5	-392.8
1982	14932	-1461.4	-51.6	-62.7	-73.4	27.4	-17.5	-12.4	-387.4
1983	12813	-1381.5	-48.5	-60.5	-69.8	26.0	-18.5	-12.3	-370.8
1984	9402	-1319.9	-45.7	-58.6	-67.0	26.0	-19.1	-12.2	-356.5
1985	7377	-1307.2	-44.6	-57.9	-66.4	27.1	-18.4	-12.2	-350.7
1986	5023	-1292.2	-43.5	-57.2	-65.7	27.8	-18.2	-12.1	-345.7

1987	3569	-1278.2	-43.0	-56.7	-65.0	27.5	-18.1	-12.1	-342.2
1988	3328	-1305.2	-44.3	-57.3	-66.3	27.4	-17.4	-12.2	-348.0
1989	2986	-1249.3	-42.1	-54.9	-63.7	26.6	-16.6	-12.1	-332.6
1990	2545	-1211.0	-40.8	-53.4	-62.0	25.6	-16.4	-12.0	-323.5
1991	2141	-1179.7	-39.4	-51.4	-60.5	25.6	-14.5	-12.0	-311.4
1992	1848	-1158.4	-39.2	-50.9	-59.6	24.1	-15.1	-12.0	-309.0
1993	1682	-1110.1	-37.7	-49.0	-57.4	22.5	-14.8	-11.9	-297.4
1994	1665	-1055.0	-35.6	-47.3	-54.9	21.7	-15.1	-11.8	-285.1
1995	1551	-990.8	-34.0	-45.2	-51.9	19.1	-15.4	-11.7	-272.1
1996	1461	-922.1	-31.4	-42.7	-48.8	18.1	-15.4	-11.6	-255.7
1997	1195	-884.3	-30.3	-40.9	-47.1	16.8	-14.6	-11.5	-245.3
1998	1083	-824.6	-27.7	-37.9	-44.3	16.4	-13.1	-11.4	-227.1
1999	923	-769.4	-25.8	-36.3	-41.8	15.3	-13.6	-11.4	-215.5
2000	829	-715.1	-24.1	-33.8	-38.9	13.8	-12.7	-10.5	-201.1
2001	769	-663.0	-22.2	-32.3	-32.2	13.0	-13.4	-2.9	-189.0
2002	610	-625.2	-20.6	-30.9	-29.5	12.9	-13.2	-1.2	-178.8
2003	585	-568.4	-18.9	-29.7	-27.4	11.2	-14.6	-2.1	-169.9
2004	541	-572.3	-19.8	-30.7	-26.8	10.0	-16.1	-0.6	-175.7
2005	442	-523.9	-19.4	-28.9	-25.5	6.8	-16.0	-2.2	-167.1
2006	451	-453.7	-15.5	-26.0	-23.0	8.3	-15.0	-3.5	-146.0
2007	403	-492.7	-17.3	-26.0	-24.7	8.1	-12.7	-3.3	-150.3
2008	421	-492.3	-15.6	-26.0	-25.6	11.2	-12.6	-5.0	-146.9
2009	316	-433.0	-15.5	-25.1	-22.5	6.8	-14.7	-4.3	-142.2
2010	308	-327.7	-11.0	-21.9	-18.5	6.3	-15.6	-5.4	-118.3
2011	296	-326.6	-10.0	-20.9	-18.4	8.0	-14.1	-5.5	-112.6
2012	269	-292.9	-8.2	-18.7	-17.5	8.4	-12.5	-6.4	-99.1
2013	256	-238.9	-6.3	-17.2	-15.2	7.6	-13.2	-6.7	-88.3
2014	265	-202.6	-4.8	-16.3	-14.1	7.3	-13.9	-7.6	-81.2
2015	229	-232.9	-6.0	-16.9	-15.1	7.7	-13.0	-7.0	-86.4
2016	232	-230.0	-5.2	-17.3	-15.1	8.8	-13.7	-7.2	-86.4
2017	148	-200.9	-3.1	-16.4	-13.3	10.4	-13.9	-6.5	-77.9
2018	68	-109.3	1.5	-10.5	-7.0	10.6	-10.0	-2.9	-42.3

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	81857	89.8	90.9	91.7	93.7	102.4	87.4	98.7
1981	68395	90.2	91.2	92.0	93.8	102.6	87.3	99.1
1982	42871	90.4	91.1	92.3	94.1	102.3	87.4	99.3
1983	25050	90.7	91.0	92.4	94.5	101.9	87.2	99.3
1984	10989	91.0	90.4	92.3	94.9	101.3	86.9	99.1
1985	5735	91.3	90.2	92.2	95.0	101.0	86.8	99.2
1986	2927	91.4	90.3	92.4	95.2	100.9	86.5	99.1
1987	1576	91.3	90.3	92.7	95.4	100.7	86.4	99.3
1988	1117	91.5	90.3	92.8	95.6	100.5	86.4	99.5
1989	846	92.3	89.9	93.0	95.9	100.0	86.2	99.6
1990	775	92.4	90.0	92.9	95.9	99.9	86.2	99.7
1991	570	92.8	90.2	93.2	96.0	100.0	86.3	99.7
1992	554	93.0	89.9	93.5	96.5	99.6	86.1	100.0
1993	506	93.4	90.3	93.8	96.7	99.7	86.1	100.3
1994	434	93.4	90.2	93.8	96.8	99.6	86.4	100.7
1995	406	94.0	90.1	94.0	96.9	99.4	86.2	101.3
1996	412	94.2	90.2	94.3	97.1	99.4	86.6	101.3
1997	292	94.0	90.4	94.3	97.0	99.5	86.6	101.3
1998	273	94.0	89.8	94.5	97.5	98.9	86.3	101.1
1999	261	94.1	89.9	94.3	97.4	98.7	85.9	101.5
2000	346	94.1	90.0	94.5	97.5	98.7	86.1	101.4
2001	314	94.1	90.3	95.0	97.7	98.8	86.0	101.3

2002	251	93.9	89.9	94.7	97.5	98.6	85.9	101.1
2003	247	94.0	90.6	95.4	97.8	98.7	85.9	101.5
2004	242	93.8	90.4	95.4	97.5	98.9	86.1	101.1
2005	180	93.8	90.2	95.3	97.5	98.6	85.9	101.2
2006	153	94.1	89.9	95.1	97.8	98.3	86.3	101.2
2007	89	93.4	90.3	95.4	97.7	98.5	86.2	100.9
2008	80	93.8	90.1	95.4	98.0	98.1	86.3	101.1
2009	60	93.7	90.1	95.7	98.1	98.1	86.5	100.7
2010	32	93.5	89.7	95.8	98.3	97.3	85.8	101.4
2011	32	91.9	89.1	94.7	97.8	97.5	86.3	99.1
2012	21	91.4	89.2	94.0	97.3	97.9	86.0	99.4
2013	21	92.4	89.0	94.7	97.8	97.7	86.0	99.1

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	81857	92.5	97.4	99.5	88.5	90.0
1981	68395	92.1	97.5	99.2	88.3	89.8
1982	42871	91.8	97.8	98.8	88.2	89.5
1983	25050	91.9	98.5	98.5	88.5	89.5
1984	10989	92.1	98.7	98.3	88.7	89.5
1985	5735	92.2	98.7	98.0	88.7	89.5
1986	2927	92.4	98.6	98.3	88.9	89.8
1987	1576	92.5	98.8	98.1	88.8	89.9
1988	1117	92.6	98.8	98.0	88.8	90.0
1989	846	93.3	98.6	97.9	89.2	90.7
1990	775	93.6	98.7	97.8	89.4	91.1
1991	570	93.8	98.8	97.5	89.5	91.4
1992	554	93.9	99.5	97.3	89.7	91.7
1993	506	94.0	99.6	97.3	89.8	91.9
1994	434	94.2	99.7	97.1	89.9	92.1
1995	406	94.6	99.9	96.8	90.0	92.5
1996	412	94.7	99.6	96.9	90.0	92.6
1997	292	94.9	99.7	97.0	90.2	93.0
1998	273	95.0	99.8	96.6	90.3	93.3
1999	261	95.8	99.5	97.0	90.6	94.0
2000	346	95.5	99.6	96.9	90.5	93.8
2001	314	95.3	99.7	96.8	90.4	93.6
2002	251	95.4	99.5	97.0	90.5	93.7
2003	247	95.5	99.7	96.8	90.5	93.9
2004	242	95.8	99.5	97.3	90.7	94.4
2005	180	96.0	99.5	97.4	90.8	94.4
2006	153	95.3	99.5	97.0	90.4	93.9
2007	89	95.6	99.1	98.1	90.6	94.1
2008	80	95.6	99.5	98.0	90.9	94.2
2009	60	95.6	99.5	98.0	90.9	94.5
2010	32	95.9	99.4	98.0	91.1	94.8
2011	32	96.6	99.1	99.1	91.4	95.8
2012	21	96.2	99.6	98.8	91.4	95.3
2013	21	96.6	99.4	98.9	91.5	95.7

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
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1980	81857	97.3	94.7	99.8	99.7	94.5	96.9	95.1
1981	68395	97.4	94.9	99.7	99.8	94.4	97.0	95.0
1982	42871	97.4	95.1	99.6	99.9	94.3	97.0	95.2
1983	25050	97.5	95.3	99.3	99.8	94.7	96.9	95.2
1984	10989	97.8	95.6	98.8	100.1	95.0	96.8	95.2
1985	5735	97.7	95.8	98.9	100.3	95.0	96.8	95.3
1986	2927	97.8	96.0	98.7	100.3	95.2	97.0	95.5
1987	1576	98.0	96.7	98.9	100.2	95.8	97.2	96.0
1988	1117	98.0	96.8	99.3	100.1	95.9	97.4	96.3
1989	846	98.2	97.4	99.1	100.6	96.0	98.0	97.0
1990	775	98.3	97.7	99.2	100.9	96.2	98.5	97.2
1991	570	98.7	98.1	98.8	101.2	96.2	98.6	97.4
1992	554	98.6	98.3	98.4	101.0	96.2	98.4	97.4
1993	506	98.9	98.6	98.3	101.0	96.4	98.7	97.5
1994	434	99.1	99.1	98.6	101.1	96.6	99.0	97.9
1995	406	99.1	99.5	98.4	101.3	96.5	99.2	98.2
1996	412	99.0	99.4	98.3	101.3	96.5	99.3	98.3
1997	292	99.0	99.4	98.4	101.4	96.9	99.9	98.8
1998	273	99.2	100.6	98.3	101.3	97.6	100.6	99.4
1999	261	99.2	101.0	98.0	101.7	97.3	100.9	100.0
2000	346	99.5	101.2	97.9	101.9	98.0	101.2	100.3
2001	314	98.9	100.8	98.2	101.2	97.4	100.5	99.5
2002	251	99.1	101.0	98.2	101.4	97.7	101.0	99.9
2003	247	99.2	100.9	98.2	101.4	97.8	100.7	100.0
2004	242	99.5	100.7	98.3	101.8	98.1	101.2	100.1
2005	180	99.4	100.7	97.9	101.6	98.0	101.3	100.4
2006	153	99.2	101.2	98.1	101.4	98.1	101.1	100.0
2007	89	99.1	99.9	99.1	101.1	98.4	100.8	99.6
2008	80	99.4	101.0	97.7	101.2	98.8	101.4	100.4
2009	60	100.0	101.2	98.3	101.5	98.6	101.5	100.3
2010	32	99.9	101.1	97.5	101.5	99.2	102.4	101.2
2011	32	99.3	100.2	97.2	101.4	99.4	102.5	100.8
2012	21	99.2	99.6	98.0	100.7	98.9	102.3	100.2
2013	21	99.1	100.2	96.7	101.1	99.2	102.6	101.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	81857	86.8	94.1	96.8	89.5	100.5	87.9
1981	68395	87.2	94.7	96.9	89.2	100.6	88.0
1982	42871	87.4	94.9	96.9	88.9	100.4	87.9
1983	25050	87.3	94.8	97.0	89.1	99.7	88.0
1984	10989	86.8	94.3	97.3	89.2	99.0	88.0
1985	5735	86.7	94.2	97.3	89.2	98.7	88.0
1986	2927	86.6	94.3	97.5	89.5	98.5	88.2
1987	1576	86.8	94.4	97.7	89.5	98.5	88.4
1988	1117	86.9	94.6	97.7	89.7	98.4	88.5
1989	846	86.8	94.3	98.0	90.3	97.9	89.0
1990	775	86.8	94.2	98.4	90.7	97.8	89.4
1991	570	87.0	94.6	98.6	91.0	97.9	89.8
1992	554	87.1	94.7	98.5	91.3	97.5	89.9
1993	506	87.4	95.2	98.7	91.5	97.7	90.3
1994	434	87.7	95.3	99.0	91.7	97.8	90.7
1995	406	88.0	95.4	99.0	92.2	97.8	91.0
1996	412	88.3	95.7	99.0	92.2	98.0	91.2
1997	292	88.4	95.8	99.2	92.6	98.0	91.5
1998	273	88.0	95.4	99.6	92.8	97.4	91.7
1999	261	88.0	95.3	99.7	93.5	97.3	92.1
2000	346	88.0	95.4	100.1	93.3	97.4	92.2

2001	314	88.2	95.8	99.3	93.2	97.6	91.9
2002	251	87.8	95.3	99.7	93.2	97.2	91.9
2003	247	88.6	96.0	99.6	93.3	97.8	92.3
2004	242	88.4	95.8	100.0	94.0	98.0	92.7
2005	180	88.2	95.6	99.9	94.0	97.8	92.6
2006	153	88.3	95.4	99.8	93.4	97.5	92.2
2007	89	88.3	95.6	99.7	93.7	97.7	92.3
2008	80	88.4	95.5	100.0	93.8	97.4	92.6
2009	60	88.5	95.5	100.3	94.0	97.3	92.9
2010	32	88.3	95.4	100.5	94.4	97.0	93.1
2011	32	86.7	93.9	100.5	95.5	96.0	93.0
2012	21	86.5	94.0	100.0	95.1	96.0	92.4
2013	21	86.8	94.0	100.2	95.5	95.9	92.9

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	169367	102.9	101.4	101.0	101.5	101.3	99.3	90.1	101.4
1981	152163	102.9	101.3	101.0	101.5	101.3	98.9	90.4	101.4
1982	101628	102.9	101.1	100.9	101.3	101.2	98.9	90.5	101.2
1983	63766	102.7	100.5	100.6	100.8	100.9	98.8	90.9	100.7
1984	32124	102.6	100.0	100.4	100.2	100.7	98.8	91.3	100.3
1985	18149	102.6	99.7	100.1	99.9	100.4	98.7	91.5	100.0
1986	9831	102.4	99.7	100.0	99.9	100.4	98.5	91.8	99.9
1987	6271	102.3	99.6	99.9	99.7	100.2	98.4	91.8	99.8
1988	4765	102.1	99.5	99.8	99.5	100.0	98.4	91.9	99.6
1989	3983	102.1	99.2	99.7	99.4	100.0	98.6	92.2	99.5
1990	3322	102.1	99.1	99.6	99.2	100.0	98.7	92.3	99.4
1991	2857	102.0	99.3	99.7	99.3	100.0	98.8	92.8	99.5
1992	2469	101.7	99.7	99.8	99.6	100.0	98.8	93.0	99.7
1993	2277	101.6	99.6	99.6	99.5	99.9	98.9	93.1	99.5
1994	2187	101.4	99.5	99.4	99.4	99.7	98.9	92.9	99.3
1995	2086	101.3	99.5	99.4	99.3	99.7	98.8	93.2	99.3
1996	1864	101.2	99.5	99.4	99.3	99.6	98.7	93.3	99.3
1997	1566	101.1	99.6	99.4	99.4	99.6	98.6	93.5	99.4
1998	1449	100.7	99.3	99.0	99.0	99.3	98.3	93.5	99.0
1999	1273	100.8	99.4	99.1	99.1	99.4	98.5	93.5	99.0
2000	1190	101.0	99.2	99.2	99.0	99.5	98.7	93.7	99.0
2001	1178	101.0	99.1	99.2	99.0	99.5	98.6	93.8	99.0
2002	992	100.9	99.0	99.0	98.8	99.4	98.6	93.8	98.8
2003	944	101.3	98.7	99.1	98.7	99.6	99.0	93.8	98.8
2004	946	101.7	98.7	99.3	98.9	99.9	99.2	93.4	99.0
2005	801	101.4	98.5	99.1	98.7	99.7	99.0	93.5	98.7
2006	791	101.3	98.9	99.3	98.9	99.7	99.0	94.0	99.0
2007	711	100.9	98.9	99.1	98.8	99.5	98.4	94.0	98.9
2008	697	101.3	99.1	99.6	99.2	100.0	98.9	93.9	99.4
2009	580	101.5	99.1	99.7	99.2	100.1	99.2	94.0	99.4
2010	546	101.5	99.1	99.7	99.3	100.1	98.8	93.8	99.5
2011	548	101.4	99.1	99.7	99.2	100.1	98.7	93.9	99.4
2012	532	101.3	99.3	99.9	99.5	100.2	98.8	94.2	99.7
2013	319	101.1	99.5	100.0	99.7	100.1	98.7	94.7	99.8
2014	309	101.4	99.5	100.2	99.7	100.5	99.1	94.4	100.0
2015	261	100.8	99.6	100.1	99.6	100.1	98.8	95.4	99.8
2016	256	101.1	99.9	100.5	100.1	100.4	99.1	95.2	100.3
2017	182	101.2	99.7	100.2	99.8	100.3	99.1	95.0	100.0
2018	135	101.1	100.1	100.7	100.2	100.5	99.3	95.9	100.4
2019	21	101.4	99.8	100.6	100.0	100.7	98.8	94.6	100.3

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	18031	96.8	82.2	95.6	104.9	107.1
1981	14446	96.9	83.9	95.5	104.7	106.9
1982	8611	97.0	83.3	95.2	104.3	106.6
1983	5537	97.0	84.5	95.3	104.4	106.6
1984	2948	97.0	85.4	95.4	104.4	106.4
1985	1809	96.9	87.4	95.3	104.2	106.4
1986	1073	97.0	85.9	95.3	104.1	106.3
1987	623	96.7	84.8	95.2	103.9	106.2
1988	444	96.7	84.2	94.9	103.6	106.0
1989	421	97.4	86.5	94.7	103.0	105.8
1990	365	97.7	89.3	94.4	102.7	105.6
1991	356	97.8	92.1	94.2	102.2	105.3
1992	398	97.5	92.2	94.0	102.0	105.0
1993	357	97.8	89.6	94.0	102.0	104.8
1994	301	97.8	91.5	94.0	101.9	104.7
1995	273	97.9	91.6	94.0	101.8	104.8
1996	256	98.2	92.6	93.9	101.6	104.5
1997	164	98.3	90.8	94.3	101.6	104.5
1998	145	99.0	92.5	93.7	100.8	103.7
1999	137	99.4	91.6	93.4	100.6	103.3
2000	120	99.1	93.1	93.3	100.1	103.2
2001	79	98.0	90.3	93.3	100.1	102.9
2002	52	99.0	82.8	92.9	99.6	102.6
2003	36	98.4	91.8	93.4	100.1	103.0
2004	31	98.5	81.0	93.4	99.9	103.4
2005	22	99.4	78.8	93.3	99.7	102.7
2006	29	97.7	80.5	93.4	99.7	102.5
2007	14	99.1	68.6	93.4	100.0	102.5
2008	18	100.1	70.5	93.5	99.7	102.1
2009	15	99.1	32.5	93.6	99.7	102.2
2010	24	100.5	60.7	93.5	99.9	102.0
2011	31	100.2	77.5	94.0	100.3	102.3
2012	21	99.8	91.6	94.2	100.0	101.9
2013	21	100.1	91.9	94.3	100.1	102.0

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	23159	-184.6	-392.3	-163.0	106.9	101.4	96.8	89.5	98.3	113.0
1981	20564	-189.3	-392.8	-188.9	106.7	101.4	96.9	89.2	98.3	0.0
1982	14932	-195.4	-387.4	-214.1	106.3	101.2	96.9	88.9	98.0	72.7
1983	12813	-196.3	-370.8	-245.3	106.3	100.7	97.0	89.1	98.0	0.0
1984	9402	-206.2	-356.5	-341.5	106.2	100.3	97.3	89.2	97.8	0.0
1985	7377	-211.6	-350.7	-437.1	106.1	100.0	97.3	89.2	97.7	129.7
1986	5023	-212.0	-345.7	-502.8	106.0	99.9	97.5	89.5	97.9	124.4
1987	3569	-214.4	-342.2	-553.8	105.9	99.8	97.7	89.5	97.9	116.5
1988	3328	-219.5	-348.0	-593.8	105.6	99.6	97.7	89.7	98.1	109.7
1989	2986	-211.1	-332.6	-591.3	105.2	99.5	98.0	90.3	98.4	105.7
1990	2545	-205.2	-323.5	-566.8	104.9	99.4	98.4	90.7	98.6	104.1
1991	2141	-197.6	-311.4	-552.2	104.5	99.5	98.6	91.0	98.6	99.3
1992	1848	-195.0	-309.0	-542.0	104.2	99.7	98.5	91.3	98.6	97.6
1993	1682	-188.7	-297.4	-521.0	104.0	99.5	98.7	91.5	98.8	96.6

1994	1665	-181.2	-285.1	-500.4	103.9	99.3	99.0	91.7	99.2	91.0
1995	1551	-170.8	-272.1	-465.0	103.9	99.3	99.0	92.2	99.3	87.4
1996	1461	-162.3	-255.7	-433.4	103.6	99.3	99.0	92.2	99.2	85.0
1997	1195	-156.5	-245.3	-424.1	103.7	99.4	99.2	92.6	99.1	84.4
1998	1083	-152.9	-227.1	-409.8	102.8	99.0	99.6	92.8	99.1	85.4
1999	923	-146.7	-215.5	-385.4	102.4	99.0	99.7	93.5	99.0	85.2
2000	829	-143.5	-201.1	-366.7	102.1	99.0	100.1	93.3	99.1	86.4
2001	769	-139.7	-189.0	-342.3	102.0	99.0	99.3	93.2	99.0	86.9
2002	610	-136.3	-178.8	-328.2	101.5	98.8	99.7	93.2	99.4	84.2
2003	585	-129.1	-169.9	-308.2	102.0	98.8	99.6	93.3	99.6	83.9
2004	541	-122.5	-175.7	-285.2	102.1	99.0	100.0	94.0	99.6	87.8
2005	442	-121.9	-167.1	-277.6	101.6	98.7	99.9	94.0	99.3	86.1
2006	451	-115.5	-146.0	-253.8	101.4	99.0	99.8	93.4	99.2	83.8
2007	403	-108.4	-150.3	-230.0	101.6	98.9	99.7	93.7	99.3	84.3
2008	421	-111.0	-146.9	-236.5	101.2	99.4	100.0	93.8	99.8	80.5
2009	316	-108.5	-142.2	-226.3	101.2	99.4	100.3	94.0	99.6	83.7
2010	308	-99.7	-118.3	-180.6	101.3	99.5	100.5	94.4	99.8	81.0
2011	296	-91.1	-112.6	-142.2	101.7	99.4	100.5	95.5	100.1	77.1
2012	269	-89.5	-99.1	-152.3	101.2	99.7	100.0	95.1	100.3	75.5
2013	256	-83.9	-88.3	-123.1	101.4	99.8	100.2	95.5	100.5	73.3
2014	265	-77.3	-81.2	-121.5	101.0	100.0	98.5	92.0	100.4	67.8
2015	229	-80.2	-86.4	-119.3	101.8	99.8	99.5	92.0	100.2	68.5
2016	232	-69.9	-86.4	-108.7	102.1	100.3	97.2	93.5	100.7	57.5
2017	148	-68.5	-77.9	-113.1	101.8	100.0	98.0	91.7	100.7	59.6
2018	68	-40.3	-42.3	-65.7	102.6	100.4	98.0	93.0	101.0	47.9

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	18736	101.7	96.7	101.7	96.7	93.6	97.2
1981	15424	101.6	96.8	101.6	96.8	93.5	97.2
1982	9556	101.4	96.5	101.4	96.5	93.2	97.0
1983	7211	101.3	96.5	101.3	96.5	93.1	96.9
1984	4544	101.6	96.2	101.6	96.2	93.2	96.5
1985	3115	101.5	96.2	101.5	96.2	93.2	96.4
1986	1921	101.7	96.4	101.7	96.4	93.4	96.6
1987	1338	101.8	96.4	101.8	96.4	93.5	96.6
1988	1159	102.0	96.4	102.0	96.4	93.8	96.7
1989	1264	102.1	96.9	102.1	96.9	94.0	96.9
1990	1380	102.2	96.9	102.2	96.9	94.1	96.8
1991	1510	102.3	97.0	102.3	97.0	94.3	96.8
1992	1476	102.3	96.9	102.3	96.9	94.1	96.7
1993	1756	102.6	96.6	102.6	96.6	94.4	96.8
1994	2181	102.9	96.6	102.9	96.6	94.7	96.8
1995	2127	102.8	97.2	102.8	97.2	94.6	97.2
1996	1838	102.8	97.1	102.8	97.1	94.6	97.0
1997	1647	102.7	96.7	102.7	96.7	94.5	96.6
1998	1524	102.9	96.6	102.9	96.6	94.9	96.5
1999	1442	102.9	96.7	102.9	96.7	95.0	96.3
2000	1358	102.8	97.1	102.8	97.1	94.8	96.6
2001	1296	102.7	97.0	102.7	97.0	94.8	96.5
2002	1111	102.9	97.2	102.9	97.2	95.0	96.6
2003	1063	103.0	97.3	103.0	97.3	95.1	96.8
2004	1071	103.2	96.9	103.2	96.9	95.5	96.7
2005	823	103.0	96.6	103.0	96.6	95.2	96.3
2006	833	102.9	96.2	102.9	96.2	95.1	95.8
2007	725	102.9	97.2	102.9	97.2	95.1	96.8
2008	646	103.2	97.0	103.2	97.0	95.3	96.9
2009	571	103.2	97.3	103.2	97.3	95.4	97.4

2010	538	103.3	97.5	103.3	97.5	95.5	97.6
2011	506	103.3	97.6	103.3	97.6	95.8	97.6
2012	510	103.4	97.9	103.4	97.9	95.5	97.8
2013	422	103.5	97.9	103.5	97.9	95.5	97.8
2014	406	103.6	97.7	103.6	97.7	95.8	97.8
2015	390	103.6	97.7	103.6	97.7	95.6	97.8
2016	407	103.8	97.5	103.8	97.5	95.9	97.7
2017	328	103.9	95.0	103.9	95.0	96.0	95.0
2018	298	104.2	95.5	104.2	95.5	96.2	95.4
2019	290	104.1	95.1	104.1	95.1	96.2	95.1
2020	227	104.2	93.4	104.2	93.4	96.3	93.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	31228	101.3	98.4	99.7	76.0	74.7	73.2
1981	25580	101.3	98.2	99.8	76.1	74.7	73.4
1982	16196	101.1	98.3	100.0	78.3	76.4	75.4
1983	16904	101.2	98.3	99.8	84.5	83.7	82.3
1984	9427	100.9	98.7	100.1	87.4	87.6	86.2
1985	5045	100.8	98.7	100.2	87.0	87.9	86.6
1986	2601	100.8	98.8	100.1	83.6	84.7	83.5
1987	1561	100.4	98.5	100.6	77.8	79.0	77.7
1988	1135	100.1	98.4	100.9	77.7	78.7	77.4
1989	879	100.5	98.5	100.6	82.1	84.0	83.1
1990	767	101.0	98.4	100.0	81.2	83.3	82.4
1991	715	100.7	98.7	100.5	78.8	80.9	80.5
1992	560	100.7	98.9	100.5	77.2	78.5	78.0
1993	573	101.0	98.6	100.1	77.3	77.9	77.2
1994	526	101.5	97.8	99.6	83.8	84.1	82.9
1995	510	100.5	98.7	100.8	74.4	74.8	74.6
1996	508	100.7	98.1	100.5	79.5	80.2	80.0
1997	382	100.9	98.0	100.4	83.0	84.5	84.1
1998	411	101.3	97.6	99.8	88.6	90.7	90.1
1999	422	100.8	97.8	100.5	81.2	83.3	82.5
2000	454	100.3	98.6	101.1	83.3	85.3	84.8
2001	415	100.3	98.1	101.2	86.6	88.2	87.3
2002	308	101.2	97.7	100.1	86.0	87.3	86.4
2003	310	100.9	98.3	100.4	85.1	85.9	85.0
2004	347	101.0	97.9	100.4	83.5	83.6	82.6
2005	336	100.6	97.8	100.9	86.7	87.7	86.6
2006	320	100.8	97.6	100.6	83.0	83.4	82.4
2007	390	100.8	97.6	100.8	84.0	84.4	83.1
2008	359	100.9	97.7	100.6	87.9	87.9	86.8
2009	322	100.7	97.7	100.7	81.4	81.1	80.2
2010	288	100.9	97.8	100.6	82.9	82.9	81.9
2011	292	101.3	97.4	100.2	77.8	77.2	76.1
2012	268	101.1	97.2	100.6	88.6	87.9	86.6
2013	247	101.4	97.2	100.2	88.8	87.3	86.0
2014	297	101.0	97.1	100.6	92.5	90.8	89.6
2015	242	101.3	96.9	100.2	92.2	90.8	89.2
2016	266	101.3	97.0	100.5	94.6	92.1	90.5
2017	170	101.5	97.1	100.1	93.1	90.9	89.3
2018	188	101.5	96.6	100.0	86.6	84.1	82.7
2019	130	101.6	96.5	99.9	80.3	77.9	76.9
2020	150	101.6	96.7	100.0	78.3	75.5	74.4

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	26082	101.4	101.2	95.7	96.0	107.8	94.1	102.2	94.1	106.2	93.1	97.3
1981	21829	101.4	101.3	96.0	96.2	107.8	94.4	102.2	94.2	106.2	93.3	97.5
1982	14012	101.5	101.2	96.1	96.1	107.7	94.5	102.3	94.3	106.2	93.3	97.6
1983	9825	100.9	100.1	96.4	95.6	106.7	94.6	101.8	94.6	105.4	93.3	97.0
1984	5754	100.3	99.0	96.4	95.1	105.8	94.8	101.1	94.9	104.7	93.0	96.6
1985	3878	100.1	98.5	96.4	94.9	105.2	94.8	101.0	95.2	104.2	93.1	96.3
1986	2495	100.0	98.3	96.6	94.9	104.9	95.0	100.9	95.1	103.9	93.3	96.1
1987	1842	99.7	98.0	96.7	94.7	104.7	95.0	100.6	95.3	103.7	93.2	95.9
1988	1577	99.6	97.8	96.7	94.8	104.3	95.1	100.5	95.3	103.5	93.1	95.9
1989	1628	99.7	97.2	96.6	94.8	103.9	95.2	100.5	95.9	103.0	93.4	95.6
1990	1657	99.5	97.1	97.0	94.7	103.8	95.6	100.3	96.0	103.0	93.6	95.4
1991	1709	99.3	96.8	97.0	94.8	103.3	95.8	100.2	95.9	102.5	93.8	95.3
1992	1778	99.0	96.9	96.9	95.0	103.1	96.0	100.1	95.6	102.4	94.0	95.3
1993	1740	98.8	96.4	97.3	94.8	102.9	96.2	99.9	95.6	102.1	94.2	95.0
1994	1773	98.7	96.9	97.7	94.7	103.1	96.4	99.7	95.4	102.5	94.4	95.1
1995	1786	98.7	96.8	97.8	95.0	102.9	96.7	99.7	95.6	102.3	94.8	95.1
1996	1782	98.5	96.5	97.7	94.8	102.7	96.7	99.6	95.4	102.1	94.7	94.9
1997	1780	98.5	96.7	97.8	94.8	102.7	96.8	99.4	95.6	102.2	94.8	94.9
1998	1465	98.3	96.5	98.8	94.3	102.4	97.1	99.3	95.5	102.0	95.2	94.7
1999	1390	98.2	96.6	98.9	94.3	102.5	97.3	99.1	95.5	102.1	95.5	94.5
2000	1218	98.0	96.5	98.9	94.2	102.3	97.4	98.9	95.5	102.1	95.5	94.4
2001	1158	97.7	96.4	98.5	94.4	101.9	97.8	98.7	95.2	101.9	95.6	94.5
2002	1109	97.4	96.2	98.9	94.2	101.7	98.0	98.4	95.1	101.7	95.8	94.3
2003	1099	97.2	96.2	98.5	94.1	101.5	98.1	98.2	95.2	101.7	95.8	94.1
2004	1042	97.2	96.3	98.6	94.2	101.4	98.3	98.1	95.4	101.7	96.0	94.1
2005	816	97.1	96.3	98.5	94.4	101.3	98.3	97.9	95.6	101.6	95.9	94.0
2006	769	96.8	95.8	98.7	94.1	100.7	98.4	97.7	95.6	101.2	96.0	93.8
2007	608	96.9	95.8	99.0	94.2	100.7	98.4	97.9	95.4	101.0	96.1	94.0
2008	498	96.4	95.5	98.7	94.7	99.8	99.0	97.4	95.6	100.6	95.9	94.2
2009	404	96.4	95.4	98.7	94.3	99.9	98.7	97.4	95.7	100.5	95.9	93.8
2010	340	96.1	95.0	99.0	94.2	99.5	99.0	97.1	95.8	100.3	96.0	93.8
2011	212	96.1	95.3	98.9	94.1	99.8	99.1	96.9	95.8	100.8	96.2	93.8
2012	102	95.9	95.5	98.7	93.9	100.2	99.8	96.3	95.7	101.4	96.5	93.6
2013	74	95.8	95.6	99.1	94.3	99.9	100.2	96.2	96.0	101.3	96.8	94.0
2014	19	93.9	93.9	99.2	93.2	98.1	101.0	94.4	95.7	100.3	96.4	92.8

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	18781	97.9	97.2	100.1
1981	15583	97.8	97.0	100.1
1982	9690	97.5	96.7	100.1
1983	7274	97.7	96.9	100.3
1984	4578	98.0	96.9	100.3
1985	3146	97.8	96.9	100.4
1986	1909	97.9	96.9	100.4
1987	1291	98.0	97.0	100.5
1988	1135	98.1	97.2	100.7
1989	1251	97.9	96.9	100.8
1990	1400	98.0	97.0	100.7
1991	1476	98.0	97.1	100.7
1992	1422	97.9	97.1	100.5
1993	1843	98.1	97.2	100.4

1994	2516	98.4	97.5	100.4
1995	2483	98.3	97.4	100.5
1996	2242	98.4	97.5	100.5
1997	1993	98.5	97.6	100.6
1998	1821	99.0	98.1	100.2
1999	1746	99.2	98.2	100.0
2000	1587	99.0	98.0	99.9
2001	1590	99.3	98.4	99.9
2002	1377	99.4	98.4	99.9
2003	1308	99.4	98.5	99.6
2004	1327	99.6	98.7	99.5
2005	1060	99.7	98.7	99.6
2006	983	99.8	98.8	99.2
2007	888	100.1	99.2	99.7
2008	792	99.7	98.6	99.9
2009	719	99.8	98.9	99.9
2010	658	100.2	99.2	100.1
2011	622	100.4	99.5	100.3
2012	593	100.8	99.9	100.4
2013	439	100.9	99.9	100.2
2014	405	101.0	100.0	100.3
2015	396	101.0	100.1	100.5
2016	409	101.1	100.2	100.8
2017	314	100.8	99.9	100.9
2018	307	101.2	100.3	101.2
2019	305	101.4	100.5	101.0
2020	216	101.1	100.1	101.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	866	-2891.4	-11606.8	-465.4	-427.6
2002	679	-2788.5	-11185.0	-447.5	-413.0
2003	651	-2656.8	-10603.4	-424.1	-394.9
2004	628	-2543.5	-10101.5	-402.5	-379.9
2005	498	-2477.7	-9784.0	-395.1	-368.9
2006	488	-2260.9	-8952.4	-355.8	-339.0
2007	436	-2132.8	-8515.4	-336.4	-319.1
2008	446	-2150.6	-8612.4	-336.4	-323.3
2009	343	-2078.2	-8187.7	-325.3	-312.7
2010	303	-1733.7	-6792.4	-263.8	-264.9
2011	292	-1476.0	-5805.6	-217.5	-229.1
2012	267	-1483.1	-5932.9	-221.3	-228.5
2013	254	-1268.9	-5030.2	-182.7	-199.0
2014	263	-1240.4	-4886.5	-177.2	-195.4
2015	230	-1247.3	-4943.9	-179.5	-195.8
2016	230	-1181.2	-4671.0	-164.5	-188.2
2017	154	-1178.1	-4612.0	-162.1	-188.8
2018	84	-810.0	-3315.0	-103.0	-133.6

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

Jaar	Aantal	Eff	Int	Gewen
1980	44	94.6	99.1	98.1

1981	25	93.3	98.4	98.2
1990	12	97.2	100.7	97.5
1996	20	97.2	102.2	97.2
1997	20	96.8	102.2	97.5
1998	18	96.4	100.3	97.4
1999	20	97.2	101.1	97.5
2000	38	98.2	99.7	98.0
2001	39	98.1	99.4	98.0
2002	27	97.3	100.4	97.4
2003	34	97.6	99.5	97.3
2004	38	98.1	99.9	97.7
2005	36	98.7	99.4	98.0
2006	54	98.1	100.0	97.3
2007	44	97.8	97.5	97.5
2008	71	98.1	97.4	98.2
2009	51	98.7	97.1	97.9
2010	66	98.8	99.0	98.6
2011	60	98.0	98.2	98.2
2012	48	99.0	95.2	98.0
2013	69	98.7	98.4	98.0
2014	73	98.5	99.6	98.1
2015	66	98.6	104.1	98.3
2016	79	99.0	107.9	97.7
2017	51	98.2	107.7	98.2
2018	25	97.8	110.0	97.3

Tabel: 87 Fries Hollands - zwartbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	23159	99.0	101.6	1	-3.7	113.0	0	0.0
1981	20564	98.9	101.1	0	0.0	0.0	0	0.0
1982	14932	98.8	100.7	3	-3.9	72.7	0	0.0
1983	12813	99.0	100.8	0	0.0	0.0	0	0.0
1984	9402	99.3	100.8	0	0.0	0.0	0	0.0
1985	7377	99.4	100.7	9894	-4.3	129.7	0	0.0
1986	5023	99.4	100.7	5994	-4.1	124.4	0	0.0
1987	3569	99.5	100.4	3881	-4.0	116.5	0	0.0
1988	3328	99.3	100.2	3423	-3.9	109.7	0	0.0
1989	2986	99.2	99.7	3002	-3.8	105.7	0	0.0
1990	2545	99.2	99.7	2564	-3.7	104.1	0	0.0
1991	2141	99.2	99.5	2158	-3.5	99.3	0	0.0
1992	1848	99.3	99.6	1884	-3.5	97.6	0	0.0
1993	1682	99.5	99.7	1695	-3.4	96.6	0	0.0
1994	1665	100.0	99.7	1683	-3.2	91.0	0	0.0
1995	1551	99.9	99.6	1587	-3.1	87.4	0	0.0
1996	1461	100.1	99.7	1496	-2.9	85.0	0	0.0
1997	1195	100.6	99.6	1215	-2.9	84.4	0	0.0
1998	1083	100.5	99.4	1111	-2.8	85.4	0	0.0
1999	923	100.7	99.4	964	-2.7	85.2	0	0.0
2000	829	100.8	99.4	918	-2.7	86.4	0	0.0
2001	769	100.7	99.4	896	-2.6	86.9	287	91.2
2002	610	100.7	99.2	709	-2.5	84.2	223	90.7
2003	585	100.8	99.5	688	-2.4	83.9	225	91.4
2004	541	100.8	99.7	653	-2.5	87.8	226	91.2
2005	442	100.9	99.5	536	-2.5	86.1	165	90.8
2006	451	100.9	99.3	503	-2.2	83.8	144	90.6
2007	403	100.7	99.7	468	-2.3	84.3	67	90.1
2008	421	100.3	99.3	474	-2.2	80.5	59	89.9
2009	316	100.3	99.2	359	-2.2	83.7	48	89.7

2010	308	100.5	99.4	315	-2.0	81.0	29	89.0
2011	296	100.7	99.5	296	-1.9	77.1	32	88.1
2012	269	100.8	99.3	269	-1.8	75.5	21	88.4
2013	256	101.3	99.7	256	-1.7	73.3	21	88.7
2014	265	101.1	99.7	265	-1.5	67.8	4	91.8
2015	229	101.4	99.2	229	-1.6	68.5	2	93.5
2016	232	101.4	99.4	232	-1.4	57.5	4	93.5
2017	148	101.5	99.8	148	-1.3	59.6	3	92.3
2018	68	102.4	100.0	68	-0.9	47.9	1	94.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	2600	99.9	0	0.0	0	0.0	2600	97.9
1981	2002	99.9	0	0.0	0	0.0	2002	97.6
1982	1401	99.8	0	0.0	0	0.0	1401	96.8
1983	1241	99.9	0	0.0	0	0.0	1241	96.8
1984	774	99.9	0	0.0	0	0.0	774	97.3
1985	448	99.9	0	0.0	0	0.0	448	97.2
1986	224	99.9	0	0.0	0	0.0	224	97.0
1987	128	99.9	0	0.0	0	0.0	128	96.8
1988	78	100.0	0	0.0	0	0.0	78	97.1
1989	101	100.0	0	0.0	0	0.0	101	96.6
1990	108	100.0	0	0.0	0	0.0	108	96.9
1991	104	100.0	0	0.0	0	0.0	104	96.9
1992	102	100.0	0	0.0	0	0.0	102	96.8
1993	127	100.0	0	0.0	0	0.0	127	97.0
1994	117	99.9	0	0.0	0	0.0	117	96.3
1995	125	100.0	0	0.0	0	0.0	125	96.5
1996	158	100.0	0	0.0	0	0.0	158	96.7
1997	116	100.0	0	0.0	0	0.0	116	96.8
1998	137	99.9	0	0.0	0	0.0	137	96.2
1999	129	99.9	0	0.0	0	0.0	129	96.7
2000	159	99.9	0	0.0	0	0.0	159	96.1
2001	156	99.9	0	0.0	0	0.0	156	96.6
2002	145	99.9	0	0.0	0	0.0	145	96.3
2003	150	99.9	0	0.0	0	0.0	150	96.8
2004	181	99.9	0	0.0	0	0.0	181	96.7
2005	145	99.9	0	0.0	0	0.0	145	96.6
2006	218	99.9	0	0.0	0	0.0	218	96.4
2007	219	99.9	0	0.0	0	0.0	219	96.7
2008	249	99.9	0	0.0	0	0.0	249	96.7
2009	213	99.9	0	0.0	0	0.0	213	96.3
2010	244	99.9	0	0.0	0	0.0	244	96.7
2011	242	99.9	0	0.0	0	0.0	242	96.9
2012	222	99.9	0	0.0	0	0.0	222	96.7
2013	218	99.9	0	0.0	0	0.0	218	97.0
2014	219	99.9	0	0.0	0	0.0	219	97.4
2015	198	99.9	0	0.0	0	0.0	198	96.8
2016	196	99.9	0	0.0	0	0.0	196	96.8
2017	123	99.9	0	0.0	0	0.0	123	96.5
2018	72	99.9	0	0.0	0	0.0	72	97.6

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	63	-1564.1	-60.1	-69.0	-78.1	20.5	-23.0	-12.6	-432.7
1981	56	-1600.6	-54.4	-69.9	-79.8	35.3	-22.5	-12.7	-424.7
1982	41	-1575.5	-50.5	-68.5	-78.6	41.0	-21.3	-12.5	-410.4
1983	21	-1623.9	-57.9	-69.3	-80.9	30.1	-19.8	-12.8	-429.9
1984	22	-1493.7	-54.1	-63.8	-74.9	25.5	-17.4	-12.5	-397.8
1985	24	-1442.1	-55.4	-63.2	-72.5	18.2	-20.2	-12.2	-397.4
1986	20	-1466.5	-56.9	-65.5	-73.8	17.7	-22.2	-12.8	-410.3
1987	16	-1443.1	-47.8	-61.6	-72.6	33.2	-16.2	-12.6	-374.6
1988	10	-1615.0	-61.2	-66.1	-80.5	22.2	-13.0	-12.9	-423.7
1990	22	-1356.1	-47.8	-58.3	-68.6	25.8	-16.3	-12.3	-360.0
1991	16	-1267.1	-38.2	-49.4	-64.4	35.6	-5.1	-11.9	-302.2
1993	12	-1245.2	-44.9	-56.6	-63.4	20.9	-20.2	-11.8	-345.3
1994	23	-1297.6	-44.2	-54.8	-65.8	25.8	-13.0	-11.8	-337.3
1995	35	-1586.4	-64.8	-64.2	-79.1	12.0	-11.1	-12.6	-423.1
1996	20	-1363.0	-50.9	-55.2	-68.8	20.7	-8.8	-12.1	-353.8
1997	24	-1547.7	-64.7	-60.8	-77.5	8.8	-7.7	-12.9	-408.5
1998	21	-1389.7	-50.0	-58.0	-70.1	24.0	-12.8	-12.3	-363.6
1999	30	-1228.4	-49.6	-54.7	-62.8	10.2	-17.5	-12.0	-347.5
2000	25	-1337.6	-54.5	-55.7	-66.4	10.5	-11.8	-9.6	-362.8
2001	31	-1383.5	-55.4	-54.4	-66.5	12.2	-6.2	-6.1	-359.1
2002	27	-1321.4	-52.2	-54.0	-62.0	13.0	-9.9	-2.4	-349.6
2003	35	-1204.3	-49.1	-51.5	-59.0	8.8	-12.9	-6.5	-332.4
2004	27	-1070.0	-38.1	-46.0	-47.6	18.2	-11.6	3.0	-283.0
2005	32	-1214.6	-42.6	-50.4	-54.5	22.5	-10.3	2.7	-312.6
2006	27	-1114.5	-43.7	-48.0	-47.6	11.3	-12.4	7.5	-303.0
2007	15	-1258.3	-45.2	-49.8	-58.6	20.9	-6.2	-1.3	-316.7
2008	26	-983.4	-37.4	-43.5	-43.5	12.9	-12.4	3.7	-270.2
2009	25	-1073.1	-42.4	-44.2	-51.0	10.4	-8.2	-3.3	-285.8
2010	22	-1265.0	-50.7	-49.4	-59.8	11.0	-4.1	-3.5	-327.0
2011	16	-1120.6	-40.4	-44.5	-50.4	17.7	-5.8	2.4	-282.5
2012	17	-942.9	-37.0	-41.2	-42.5	9.1	-11.2	1.6	-259.2
2013	17	-811.8	-31.5	-37.2	-38.1	8.5	-12.8	-1.4	-230.2
2014	16	-749.1	-23.4	-33.6	-33.9	17.6	-10.4	1.1	-197.1
2015	17	-971.2	-36.5	-44.5	-45.5	11.7	-16.2	-1.3	-272.9
2016	11	-424.4	-9.6	-24.0	-18.7	16.2	-13.6	1.5	-124.5
2017	14	-658.3	-18.5	-32.1	-31.5	18.4	-13.4	-1.9	-179.8

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	412	103.0	102.7	101.8	102.7	102.2	100.7	91.0	102.5
1981	367	102.6	102.5	101.4	102.4	101.6	99.5	91.1	102.1
1982	281	102.2	102.4	101.2	102.2	101.3	99.3	91.4	101.9
1983	183	101.6	101.8	100.6	101.4	100.8	99.2	91.5	101.1
1984	70	101.9	101.4	100.6	101.2	100.8	99.0	91.9	101.1
1985	43	102.3	101.2	100.8	101.2	101.3	99.8	91.3	101.1
1986	31	101.9	101.9	100.8	101.5	101.0	98.8	91.8	101.3
1987	25	101.2	102.1	100.5	101.5	100.6	98.3	91.8	101.1
1988	15	101.2	101.7	100.4	100.9	100.6	100.1	91.7	100.7
1989	18	101.7	100.2	99.0	99.8	100.0	98.9	90.3	99.4
1990	28	101.0	101.8	100.3	101.1	100.3	99.1	92.5	100.9
1991	22	101.7	101.1	100.3	100.9	100.6	100.0	92.7	100.6

1992	11	101.5	100.0	99.4	99.6	99.7	99.6	92.2	99.5
1993	23	101.7	100.3	99.9	100.0	100.4	99.0	92.0	100.0
1994	30	99.9	101.3	99.1	100.3	99.3	98.9	92.8	99.7
1995	42	101.0	102.2	100.4	101.6	100.8	99.7	92.9	101.1
1996	37	100.6	103.0	100.8	102.2	100.8	99.3	93.7	101.7
1997	37	100.6	102.8	100.8	101.9	100.6	98.9	92.6	101.5
1998	41	100.7	102.7	100.7	101.9	100.9	99.3	92.1	101.4
1999	46	101.0	102.2	100.5	101.7	100.8	99.3	91.9	101.2
2000	41	99.9	103.2	100.4	102.1	100.4	98.5	92.8	101.3
2001	47	100.0	102.7	100.5	101.7	100.4	99.1	94.2	101.3
2002	51	99.4	102.8	99.9	101.5	99.8	98.8	94.0	100.7
2003	64	99.3	101.8	99.3	100.7	99.4	98.9	94.2	100.0
2004	39	100.7	101.6	100.3	101.1	100.7	99.7	94.3	100.8
2005	51	100.8	102.5	100.7	101.9	101.0	100.1	93.6	101.5
2006	52	100.1	102.3	100.2	101.5	100.4	99.3	94.1	101.0
2007	32	100.7	101.6	100.1	101.1	100.6	99.1	93.1	100.7
2008	50	100.4	101.3	99.9	100.6	100.5	99.3	93.5	100.3
2009	62	99.9	102.1	100.2	101.1	100.3	99.1	94.2	100.7
2010	60	100.5	102.0	100.3	101.3	100.5	99.5	94.0	101.0
2011	51	99.4	102.8	100.1	101.5	100.1	98.7	94.1	100.9
2012	58	100.1	102.1	100.2	101.5	100.4	99.4	94.4	100.9
2013	45	100.1	102.2	100.2	101.4	100.4	99.7	94.6	101.0
2014	35	100.9	100.7	99.9	100.5	100.5	100.1	94.8	100.3
2015	35	101.6	100.0	99.6	99.9	100.6	100.3	93.5	99.7
2016	46	100.0	101.2	99.4	100.4	99.9	99.7	95.2	100.0
2017	34	99.7	101.2	99.5	100.4	99.9	99.8	96.1	100.1
2018	16	98.9	100.8	98.8	99.6	99.1	99.6	96.9	99.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	63	-172.6	-432.7	-114.3	106.8	102.5	97.2	89.8	99.0	0.0
1981	56	-177.1	-424.7	-83.9	106.6	102.1	97.5	90.3	99.2	0.0
1982	41	-179.8	-410.4	-128.1	105.8	101.9	97.8	90.3	98.7	0.0
1983	21	-213.1	-429.9	-110.1	106.1	101.1	97.2	90.0	99.3	0.0
1984	22	-206.0	-397.8	-314.5	106.4	101.1	96.2	89.5	97.1	0.0
1985	24	-208.2	-397.4	-431.9	105.8	101.1	97.6	90.3	98.0	98.5
1986	20	-201.4	-410.3	-477.0	105.6	101.3	98.4	89.9	98.4	97.0
1987	16	-187.2	-374.6	-538.7	105.0	101.1	97.2	88.8	98.0	95.4
1988	10	-193.6	-423.7	-518.7	105.1	100.7	99.5	93.5	97.5	77.8
1990	22	-184.4	-360.0	-570.5	103.7	100.9	98.2	92.0	100.0	60.5
1991	16	-171.4	-302.2	-470.6	103.8	100.6	95.5	91.0	98.8	70.2
1993	12	-173.3	-345.3	-510.6	103.4	100.0	100.5	92.0	99.1	66.1
1994	23	-177.6	-337.3	-425.4	104.0	99.7	99.0	91.3	98.7	88.1
1995	35	-209.2	-423.1	-524.7	104.7	101.1	99.5	91.5	99.0	89.6
1996	20	-186.0	-353.8	-411.0	105.2	101.7	95.8	90.5	98.3	75.3
1997	24	-191.6	-408.5	-523.2	104.7	101.5	97.0	90.0	98.6	68.8
1998	21	-167.3	-363.6	-455.9	104.0	101.4	98.3	90.3	98.6	65.8
1999	30	-181.3	-347.5	-476.5	104.5	101.2	98.1	90.4	98.2	86.4
2000	25	-177.9	-362.8	-439.7	104.4	101.3	97.9	90.8	98.7	86.9
2001	31	-150.6	-359.1	-278.6	104.8	101.3	96.7	93.7	99.1	88.2
2002	27	-162.5	-349.6	-365.9	104.3	100.7	97.8	90.6	99.1	74.1
2003	35	-163.3	-332.4	-415.8	104.0	100.0	96.6	91.1	98.9	71.9
2004	27	-153.5	-283.0	-350.6	103.2	100.8	97.3	91.0	99.4	82.1
2005	32	-161.2	-312.6	-413.3	103.2	101.5	97.2	89.3	99.4	86.9
2006	27	-138.3	-303.0	-400.2	103.4	101.0	99.0	92.0	99.2	69.7
2007	15	-162.6	-316.7	-395.1	103.3	100.7	98.0	89.5	99.5	75.3
2008	26	-127.8	-270.2	-320.8	103.4	100.3	99.0	92.0	99.4	53.0
2009	25	-121.9	-285.8	-258.2	103.7	100.7	97.0	91.5	99.9	68.8

2010	22	-147.6	-327.0	-316.5	102.7	101.0	97.5	89.0	100.2	75.3
2011	16	-131.2	-282.5	-332.0	103.8	100.9	95.0	88.0	99.8	47.4
2012	17	-129.9	-259.2	-275.7	103.4	100.9	96.0	91.0	100.4	75.9
2013	17	-123.2	-230.2	-242.7	103.7	101.0	99.0	88.0	100.0	76.8
2014	16	-99.0	-197.1	-214.3	103.4	100.3	98.2	91.8	99.6	58.3
2015	17	-150.2	-272.9	-299.5	103.2	99.7	99.1	90.9	99.1	60.1
2016	11	-43.3	-124.5	-160.8	103.7	100.0	0.0	0.0	99.4	15.8
2017	14	-83.4	-179.8	-256.5	102.7	100.1	0.0	0.0	99.3	36.1

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	35	101.8	97.2	101.8	97.2	93.8	96.5
1981	42	101.8	97.9	101.8	97.9	94.2	96.4
1982	31	101.8	97.1	101.8	97.1	94.3	95.8
1990	11	104.2	97.6	104.2	97.6	96.5	97.1
1991	12	102.8	97.1	102.8	97.1	95.7	97.2
1994	14	103.4	96.9	103.4	96.9	96.4	97.6
1995	30	103.3	97.5	103.3	97.5	96.4	97.5
1996	23	101.8	97.6	101.8	97.6	95.0	97.4
1997	34	102.2	97.2	102.2	97.2	95.1	97.6
1998	32	102.2	97.1	102.2	97.1	95.5	97.5
1999	30	102.4	97.1	102.4	97.1	95.7	97.9
2000	35	102.3	97.1	102.3	97.1	95.7	97.9
2001	48	102.6	97.2	102.6	97.2	95.9	98.2
2002	50	102.5	97.1	102.5	97.1	95.9	97.9
2003	54	102.6	95.3	102.6	95.3	95.9	95.8
2004	39	103.0	97.3	103.0	97.3	95.8	98.0
2005	46	102.8	97.3	102.8	97.3	96.0	97.8
2006	52	102.8	97.2	102.8	97.2	96.0	97.8
2007	29	102.4	97.6	102.4	97.6	95.3	97.9
2008	37	102.6	97.8	102.6	97.8	95.7	98.3
2009	45	103.2	93.6	103.2	93.6	96.0	94.0
2010	39	103.2	98.4	103.2	98.4	96.0	98.3
2011	36	102.8	98.4	102.8	98.4	95.6	98.5
2012	48	103.4	98.2	103.4	98.2	96.2	98.6
2013	37	103.2	97.9	103.2	97.9	96.5	98.1
2014	33	103.1	97.5	103.1	97.5	96.9	97.8
2015	26	103.3	97.5	103.3	97.5	97.3	97.2
2016	38	103.4	97.0	103.4	97.0	97.4	97.4
2017	48	102.9	97.1	102.9	97.1	96.8	97.4
2018	28	103.0	93.9	103.0	93.9	96.9	94.2
2019	23	103.0	93.1	103.0	93.1	97.0	93.5
2020	20	102.8	73.3	102.8	73.3	96.5	73.5

Tabel: 93 Fries Hollands - roodbont: Geboortekenenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	53	101.8	98.2	99.4	81.3	78.0	76.9
1981	55	101.8	98.2	99.5	83.3	80.5	79.3
1982	43	100.8	98.5	100.3	59.6	56.8	56.3
1983	32	101.8	100.2	98.9	47.9	46.1	45.6
1984	14	100.4	99.9	100.9	43.4	42.4	42.1
1990	10	100.0	98.8	101.4	80.4	78.6	79.3

1991	12	100.2	98.0	101.2	50.6	48.9	49.2
1995	16	100.5	99.4	100.7	50.4	48.9	49.8
1996	10	100.3	99.2	100.4	59.3	59.0	59.1
1997	19	100.6	98.0	100.3	56.8	56.9	57.9
1998	18	103.7	100.7	96.5	76.1	77.2	78.6
1999	27	102.1	98.7	98.7	55.0	54.7	55.7
2000	22	102.2	99.1	98.2	75.8	76.0	76.1
2001	26	102.7	100.7	97.7	59.9	61.2	61.8
2002	26	103.4	98.8	96.9	86.8	86.9	87.3
2003	38	101.3	99.2	99.6	74.9	75.3	76.1
2004	32	103.4	97.7	97.0	80.3	79.1	79.6
2005	39	102.3	99.3	98.2	90.8	90.6	91.2
2006	35	101.7	98.2	99.1	82.5	80.9	82.7
2007	30	101.9	97.9	98.8	66.3	64.4	65.6
2008	40	101.6	98.2	99.1	71.9	70.5	71.2
2009	40	102.0	98.2	98.6	84.5	82.6	83.5
2010	33	101.8	98.5	98.8	78.2	77.1	77.8
2011	38	101.2	98.4	99.6	73.5	71.3	72.7
2012	40	100.9	98.4	100.1	82.5	80.0	80.5
2013	31	100.8	98.3	100.2	61.0	59.6	60.4
2014	23	101.9	99.2	98.7	77.1	77.3	78.0
2015	28	101.5	98.6	99.4	63.7	63.3	63.6
2016	27	101.9	99.1	98.9	69.4	69.2	69.4
2017	28	101.6	100.0	99.3	95.0	95.3	95.3
2018	27	100.8	99.9	100.0	51.7	51.1	50.9
2019	16	101.3	99.6	99.4	55.4	55.6	55.7
2020	19	102.3	99.7	98.1	20.9	20.9	20.7

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	100.3	101.6	95.7	95.7	107.2	94.3	101.1	94.0	106.2	93.8	96.4
1981	57	100.2	101.5	95.7	95.8	107.3	94.5	100.6	94.8	106.1	94.1	96.2
1982	53	99.9	100.8	95.1	95.5	106.6	94.5	100.4	94.5	105.6	93.8	95.9
1983	23	100.0	101.8	93.1	96.8	106.2	93.9	101.0	93.7	105.9	92.6	97.1
1984	14	100.9	101.7	94.3	96.4	107.0	93.9	101.6	94.4	106.4	92.8	97.8
1985	14	100.6	101.7	95.4	96.8	106.7	94.9	101.1	94.8	106.5	93.9	98.1
1986	13	100.6	102.5	95.3	97.2	106.7	94.8	101.3	94.2	106.8	93.9	98.4
1987	10	101.0	100.1	96.0	96.8	106.5	94.4	102.3	93.6	105.3	93.7	98.3
1989	11	99.4	99.9	94.6	96.6	104.5	95.2	100.3	94.6	104.0	93.6	96.3
1990	21	99.7	98.7	96.0	96.4	104.0	95.6	101.0	94.5	103.6	94.3	96.6
1991	17	99.2	98.6	96.4	96.2	103.6	95.4	100.6	94.2	103.1	93.8	96.6
1992	12	100.0	98.5	94.7	96.4	104.0	94.8	100.9	95.8	103.6	93.0	96.6
1993	19	99.5	99.3	95.3	96.9	103.4	96.1	99.9	95.9	103.9	94.1	96.9
1994	27	98.5	99.8	94.8	96.2	103.4	95.6	99.3	95.0	104.0	93.6	96.2
1995	36	98.8	100.9	94.9	96.2	104.7	95.9	99.1	94.9	105.4	93.8	96.3
1996	31	98.5	100.1	94.6	96.2	104.0	95.0	99.9	93.5	104.5	93.3	96.4
1997	36	99.5	101.4	93.7	96.7	105.7	95.2	100.2	94.3	106.0	92.9	97.4
1998	35	100.0	102.1	95.0	96.1	106.4	95.7	99.5	96.3	107.3	93.6	97.2
1999	42	100.2	101.5	95.6	95.9	106.4	95.8	99.9	95.6	107.0	94.0	97.3
2000	38	100.0	102.2	93.2	97.4	105.9	94.9	100.4	94.6	106.5	92.8	97.9
2001	43	98.5	101.7	92.5	97.0	104.5	95.8	99.2	93.4	106.0	92.8	97.7
2002	45	98.4	100.8	93.9	95.9	104.8	95.6	99.1	93.8	105.6	93.2	96.4
2003	57	98.9	100.6	94.9	96.2	104.6	95.8	99.5	94.9	105.2	93.8	96.6
2004	40	98.3	98.6	94.3	95.2	103.8	95.8	99.1	94.4	104.0	93.7	95.7
2005	43	99.0	100.6	93.6	95.7	105.2	95.7	99.4	94.8	105.8	93.3	96.3
2006	37	98.8	100.6	93.7	96.0	104.5	95.6	99.2	94.8	105.4	93.4	96.3
2007	21	97.8	98.7	94.5	95.6	102.7	96.4	98.7	94.3	103.4	94.2	95.5
2008	30	98.6	98.8	94.5	95.6	102.9	95.8	99.4	95.6	103.7	94.0	95.9

2009	23	98.7	99.6	94.4	96.0	103.6	96.1	99.3	95.4	104.5	94.0	96.2
2010	13	97.8	99.2	93.8	95.9	102.9	96.1	99.1	93.9	103.4	93.8	95.5

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	38	98.8	97.8	100.7
1981	44	98.8	98.0	100.5
1982	31	98.7	97.9	100.2
1990	11	98.1	97.0	100.7
1991	14	98.2	97.4	101.1
1994	15	99.3	98.6	101.0
1995	30	99.5	98.6	101.3
1996	24	99.6	98.5	101.2
1997	35	99.3	98.4	100.6
1998	27	99.0	97.9	101.0
1999	25	99.1	97.9	100.9
2000	35	99.5	98.4	101.0
2001	34	99.6	98.4	100.7
2002	39	99.8	98.4	100.6
2003	43	99.9	98.7	100.9
2004	38	99.8	98.4	100.1
2005	38	99.9	98.8	100.9
2006	45	99.6	98.5	101.0
2007	35	99.4	98.5	101.1
2008	39	99.6	98.7	101.1
2009	47	100.6	99.5	100.9
2010	39	100.3	99.2	100.9
2011	36	99.9	98.9	101.4
2012	50	100.6	99.4	100.9
2013	32	100.5	99.1	101.0
2014	33	100.7	99.3	101.1
2015	23	100.1	98.8	101.4
2016	39	100.9	99.6	101.4
2017	44	100.9	99.7	101.0
2018	27	101.7	100.6	101.4
2019	21	101.1	99.9	101.1

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	26	-2984.1	-11986.2	-491.4	-435.8
2002	27	-3461.4	-13956.2	-569.7	-505.2
2003	36	-3663.4	-14626.5	-607.1	-533.5
2004	28	-3202.5	-12946.9	-516.9	-472.1
2005	33	-3583.0	-14474.7	-584.0	-525.4
2006	26	-3407.1	-13599.9	-557.8	-498.0
2007	14	-3505.6	-14325.9	-575.2	-511.7
2008	25	-3003.7	-12063.2	-484.9	-442.8
2009	22	-2592.8	-10390.4	-420.0	-382.2
2010	19	-3097.4	-12526.8	-512.1	-450.7
2011	16	-3093.3	-12643.7	-504.1	-453.1
2012	16	-2677.4	-10724.5	-433.9	-394.1
2013	18	-2465.8	-9848.8	-393.6	-366.5

2014	18	-2201.6	-8989.6	-341.1	-331.7
2015	20	-2939.2	-11816.4	-471.4	-435.2
2016	13	-1719.2	-6930.8	-253.0	-266.0
2017	15	-2379.3	-9648.5	-366.2	-360.0

Tabel: 97 Fries Hollands - roodbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	63	99.2	102.4	0	0.0	0.0	0	0.0
1981	56	98.4	101.2	0	0.0	0.0	0	0.0
1982	41	98.7	101.4	0	0.0	0.0	0	0.0
1983	21	98.6	101.2	0	0.0	0.0	0	0.0
1984	22	98.6	101.8	0	0.0	0.0	0	0.0
1985	24	98.3	102.1	28	-4.0	98.5	0	0.0
1986	20	99.3	102.0	25	-4.0	97.0	0	0.0
1987	16	98.2	101.9	17	-3.9	95.4	0	0.0
1988	10	98.4	102.2	10	-4.0	77.8	0	0.0
1990	22	99.7	101.5	22	-3.2	60.5	0	0.0
1991	16	98.2	100.6	16	-3.0	70.2	0	0.0
1993	12	97.4	98.8	12	-3.2	66.1	0	0.0
1994	23	98.0	101.0	23	-3.5	88.1	0	0.0
1995	35	98.6	101.3	35	-4.2	89.6	0	0.0
1996	20	100.0	101.2	20	-3.5	75.3	0	0.0
1997	24	99.5	101.6	24	-3.8	68.8	0	0.0
1998	21	99.1	100.7	22	-3.3	65.8	0	0.0
1999	30	99.5	100.7	31	-3.6	86.4	0	0.0
2000	25	98.9	100.8	25	-3.7	86.9	0	0.0
2001	31	99.0	101.1	31	-3.8	88.2	3	91.7
2002	27	99.6	100.5	27	-3.4	74.1	5	93.8
2003	35	99.2	100.9	36	-3.3	71.9	7	91.3
2004	27	98.8	99.8	27	-3.1	82.1	3	92.0
2005	32	98.8	101.0	34	-3.3	86.9	6	92.5
2006	27	99.3	100.7	27	-3.0	69.7	1	91.0
2007	15	100.3	101.1	15	-3.2	75.3	2	95.0
2008	26	100.3	100.6	26	-2.5	53.0	1	91.0
2009	25	101.0	101.1	27	-2.9	68.8	3	92.7
2010	22	101.2	100.9	23	-3.4	75.3	2	94.5
2011	16	101.5	100.9	16	-2.5	47.4	1	87.0
2012	17	102.4	101.4	17	-2.8	75.9	1	91.0
2013	17	101.2	101.5	17	-2.7	76.8	1	86.0
2014	16	101.5	101.2	17	-2.2	58.3	3	93.0
2015	17	100.7	101.5	17	-2.6	60.1	8	93.2
2016	11	100.7	100.8	11	-0.9	15.8	0	0.0
2017	14	100.4	100.0	14	-1.6	36.1	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2000	10	100.0	0	0.0	0	0.0	10	99.1
2002	10	99.9	0	0.0	0	0.0	10	97.7
2004	18	100.0	0	0.0	0	0.0	18	97.1
2005	16	99.8	0	0.0	0	0.0	16	96.7
2008	19	99.8	0	0.0	0	0.0	19	97.4
2009	19	99.9	0	0.0	0	0.0	19	98.1

2010	19	100.0	0	0.0	0	0.0	19	98.6
2011	15	100.0	0	0.0	0	0.0	15	99.2
2012	17	100.0	0	0.0	0	0.0	17	97.4
2013	16	99.9	0	0.0	0	0.0	16	97.2
2014	18	99.9	0	0.0	0	0.0	18	98.6
2015	19	99.9	0	0.0	0	0.0	19	98.2
2016	12	99.9	0	0.0	0	0.0	12	98.1
2017	15	100.0	0	0.0	0	0.0	15	97.6

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	15917	-1653.3	-73.3	-68.8	-82.2	0.6	-16.4	-12.8	-460.7
1981	16451	-1656.3	-72.7	-68.6	-82.3	2.3	-15.7	-12.8	-458.7
1982	19883	-1626.9	-71.1	-67.5	-81.0	2.8	-15.6	-12.7	-450.4
1983	26466	-1615.6	-70.1	-66.8	-80.5	3.9	-14.8	-12.7	-445.1
1984	33990	-1599.8	-70.1	-66.2	-79.7	2.6	-14.8	-12.7	-442.7
1985	39065	-1589.2	-70.4	-65.7	-79.3	1.0	-14.4	-12.7	-441.0
1986	36129	-1586.0	-69.8	-65.2	-79.1	1.8	-13.6	-12.7	-437.9
1987	34319	-1585.6	-69.3	-64.7	-79.1	3.0	-12.5	-12.7	-434.6
1988	44034	-1591.4	-68.1	-65.1	-79.3	6.0	-12.7	-12.7	-433.7
1989	32013	-1623.3	-67.6	-64.9	-80.8	10.1	-10.1	-12.8	-432.6
1990	23405	-1560.9	-65.8	-62.4	-78.0	8.0	-9.4	-12.8	-417.4
1991	19905	-1434.0	-59.8	-58.1	-72.2	8.6	-9.9	-12.5	-385.4
1992	18841	-1369.8	-57.8	-55.9	-69.3	6.8	-10.2	-12.4	-371.2
1993	18751	-1266.7	-53.9	-52.1	-64.7	5.2	-10.0	-12.4	-346.3
1994	12675	-1205.7	-52.6	-50.1	-62.5	2.5	-10.3	-13.3	-334.6
1995	9164	-1160.0	-52.6	-48.7	-60.9	-1.4	-10.8	-14.2	-328.4
1996	6305	-1054.6	-49.8	-44.7	-56.2	-4.8	-10.5	-14.2	-304.8
1997	4584	-968.7	-45.6	-41.4	-52.3	-4.1	-10.0	-14.1	-281.0
1998	3910	-945.5	-44.5	-39.7	-50.8	-4.0	-8.5	-13.3	-271.6
1999	3625	-905.3	-41.7	-37.0	-48.8	-2.0	-6.1	-13.1	-254.0
2000	3395	-817.4	-38.5	-34.2	-43.4	-3.3	-6.7	-10.4	-234.0
2001	3276	-750.3	-35.6	-32.0	-33.1	-3.3	-7.3	2.6	-215.9
2002	2735	-651.5	-30.0	-27.8	-27.7	-1.0	-6.0	4.1	-185.2
2003	2719	-638.5	-32.0	-27.3	-27.7	-5.7	-6.1	3.1	-187.5
2004	2658	-616.0	-30.4	-25.8	-27.5	-4.5	-4.8	1.6	-177.6
2005	2588	-589.4	-29.3	-24.6	-26.8	-4.7	-4.4	0.6	-170.3
2006	2761	-458.8	-24.6	-19.2	-20.7	-6.4	-3.5	0.8	-136.8
2007	2875	-473.8	-23.3	-19.4	-21.7	-3.4	-2.9	0.3	-135.0
2008	2889	-432.4	-20.5	-17.4	-20.0	-1.7	-2.0	-0.2	-120.3
2009	2685	-367.0	-19.1	-15.1	-18.2	-4.1	-2.2	-2.2	-107.7
2010	2521	-288.0	-16.6	-13.2	-14.8	-5.5	-3.7	-2.6	-93.6
2011	2513	-258.3	-13.3	-11.4	-14.0	-2.2	-2.5	-3.4	-78.9
2012	2596	-231.5	-10.6	-9.9	-12.7	0.3	-1.7	-3.4	-66.6
2013	2713	-206.8	-9.9	-7.3	-10.8	-0.6	0.9	-2.0	-53.9
2014	2339	-165.4	-7.3	-6.6	-9.7	0.7	-0.3	-3.3	-45.2
2015	2048	-168.5	-6.8	-6.8	-10.2	1.7	-0.5	-3.9	-45.4
2016	1713	-134.6	-3.5	-4.6	-8.4	4.6	1.0	-3.5	-28.5
2017	1342	-86.7	-0.7	-3.3	-6.4	5.5	0.2	-3.8	-17.1
2018	598	-67.9	1.9	-2.7	-5.9	8.3	0.1	-4.3	-9.0

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	50863	89.4	96.7	92.4	90.7	106.2	99.0	97.5
1981	51444	89.5	96.6	92.6	91.1	105.9	99.1	97.7
1982	49755	89.6	97.0	93.0	91.4	106.2	99.1	97.4
1983	48422	89.9	97.0	93.3	91.4	105.9	99.5	97.3
1984	41603	90.3	97.3	93.6	91.8	105.3	99.3	97.8
1985	36494	91.0	97.8	94.2	92.3	105.3	99.6	98.3
1986	26535	91.4	98.0	94.7	92.9	104.9	99.6	98.3
1987	20326	92.1	98.1	95.3	93.5	104.7	99.7	98.4
1988	21472	92.1	98.1	95.6	93.8	104.6	99.5	98.0
1989	13581	92.0	98.2	95.6	93.5	104.9	99.6	98.3
1990	9677	92.4	97.8	95.4	93.4	104.3	99.6	98.4
1991	8503	92.9	97.3	95.8	94.0	103.5	99.5	98.2
1992	7802	93.3	96.8	96.2	94.6	103.0	98.9	97.9
1993	7080	93.6	96.6	95.6	94.7	102.5	98.7	97.6
1994	4562	94.1	97.8	96.6	95.4	102.5	98.5	98.4
1995	3220	94.4	98.3	97.4	95.8	102.3	98.8	98.8
1996	2346	96.0	98.4	98.0	95.9	102.8	99.2	99.4
1997	1629	96.0	98.9	98.6	96.4	102.5	99.2	99.5
1998	1471	96.1	98.5	98.2	96.2	102.2	99.1	98.9
1999	1429	96.0	98.8	98.4	96.6	101.9	98.5	98.2
2000	1318	96.3	98.6	98.1	96.8	101.6	99.2	98.6
2001	1282	96.5	99.2	98.6	97.4	101.7	99.5	99.0
2002	1151	96.8	99.2	98.8	97.8	101.5	98.9	98.9
2003	1141	97.5	99.6	99.0	98.0	101.7	99.8	99.6
2004	1126	97.9	99.4	98.8	97.9	101.6	99.7	99.4
2005	1136	98.6	100.0	99.6	98.5	101.7	99.6	99.3
2006	1160	98.7	99.2	99.8	99.1	100.7	99.6	99.0
2007	1124	98.4	99.3	98.8	98.2	100.8	99.8	99.9
2008	1082	98.7	100.1	99.5	98.6	101.3	99.7	100.3
2009	1087	99.3	100.1	99.7	99.0	101.0	99.4	99.8
2010	1099	99.3	99.8	99.9	99.5	100.7	99.4	99.7
2011	1106	99.4	100.2	100.2	99.8	100.8	99.5	100.2
2012	1135	99.7	100.6	100.4	99.6	101.1	99.2	100.0
2013	1147	99.8	100.5	100.4	100.3	100.4	99.2	100.1
2014	953	100.0	100.6	100.3	100.2	100.6	99.7	100.6
2015	813	100.1	100.6	100.3	100.4	100.5	99.7	100.3
2016	796	100.3	100.7	101.1	101.0	100.4	99.6	100.1
2017	620	100.5	100.7	101.2	101.1	100.4	99.3	100.1
2018	207	100.6	100.8	101.3	101.1	100.2	99.0	100.3

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	50863	91.4	100.4	97.7	91.4	90.8
1981	51444	91.6	100.7	97.4	91.2	91.0
1982	49755	92.0	101.3	96.9	91.4	91.4
1983	48422	92.1	101.4	96.8	92.0	91.5
1984	41603	92.9	100.4	97.0	92.7	92.5
1985	36494	93.3	99.7	97.1	93.0	93.0
1986	26535	93.7	99.8	96.9	93.1	93.2
1987	20326	94.1	99.1	97.2	93.0	93.6
1988	21472	93.6	99.8	97.3	93.1	93.4
1989	13581	93.5	100.3	97.2	93.2	93.3

1990	9677	93.4	100.4	97.1	93.3	93.1
1991	8503	93.7	100.6	96.6	93.1	93.4
1992	7802	94.3	100.6	97.2	93.5	93.8
1993	7080	94.9	99.9	97.9	93.7	94.4
1994	4562	95.1	100.3	98.0	94.0	94.6
1995	3220	95.9	100.4	98.4	94.5	95.2
1996	2346	96.4	100.7	98.5	95.3	95.9
1997	1629	96.8	100.9	98.4	95.4	96.0
1998	1471	96.5	100.3	98.4	95.2	96.0
1999	1429	97.1	100.7	98.7	95.6	96.8
2000	1318	96.9	100.4	98.9	95.6	96.7
2001	1282	97.1	100.9	98.6	95.7	96.7
2002	1151	97.6	100.9	98.7	96.3	97.5
2003	1141	97.3	100.6	99.4	96.5	97.2
2004	1126	97.6	100.2	99.5	96.5	97.5
2005	1136	97.5	100.5	99.7	96.2	97.5
2006	1160	97.7	101.0	99.3	95.1	97.7
2007	1124	98.0	100.1	100.0	94.0	98.3
2008	1082	97.9	100.1	99.6	93.8	97.9
2009	1087	98.4	100.5	99.9	88.4	98.4
2010	1099	98.9	100.8	99.7	85.9	99.2
2011	1106	99.1	100.6	99.6	82.4	99.6
2012	1135	99.0	100.2	99.9	77.0	99.6
2013	1147	99.5	100.2	100.3	66.2	100.2
2014	953	99.9	100.0	100.1	58.5	100.6
2015	813	99.7	100.0	100.1	53.0	100.2
2016	796	100.1	100.2	100.2	44.4	100.6
2017	620	100.1	100.4	99.7	42.7	100.8
2018	207	100.5	100.2	99.9	45.2	101.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	50863	94.8	90.3	102.4	95.1	92.4	94.0	90.7
1981	51444	95.0	90.4	102.4	95.0	92.2	94.1	90.7
1982	49755	94.9	90.9	102.5	94.9	92.1	94.2	91.3
1983	48422	95.0	91.3	102.3	95.1	92.3	94.3	91.5
1984	41603	95.4	91.9	103.0	95.3	93.1	94.7	91.9
1985	36494	95.7	92.2	103.6	95.3	93.3	94.8	92.0
1986	26535	95.9	92.4	103.7	95.3	93.7	95.0	92.3
1987	20326	96.3	92.8	103.7	95.7	93.8	95.3	92.6
1988	21472	96.1	93.3	103.1	95.8	93.3	95.6	92.8
1989	13581	95.7	93.4	102.4	95.8	92.9	96.2	93.3
1990	9677	95.9	93.9	103.0	96.3	93.2	96.1	93.4
1991	8503	96.4	94.7	103.2	96.3	94.1	96.0	93.7
1992	7802	96.5	95.4	102.9	96.1	94.3	95.7	93.8
1993	7080	97.3	95.8	102.4	97.1	94.7	96.5	94.2
1994	4562	97.4	96.1	102.3	97.0	94.3	96.4	94.5
1995	3220	97.4	96.4	102.0	97.2	94.2	97.0	95.1
1996	2346	96.8	96.9	101.8	97.4	94.3	97.2	95.8
1997	1629	96.6	97.0	101.8	97.2	94.6	97.3	96.1
1998	1471	97.1	96.8	102.2	97.4	94.8	96.9	95.6
1999	1429	97.0	96.8	102.3	97.2	95.5	98.0	96.2
2000	1318	97.2	96.2	102.6	97.4	95.3	97.7	96.0
2001	1282	97.2	97.2	101.9	97.5	95.1	98.0	96.6
2002	1151	97.5	97.6	101.7	97.9	95.9	98.6	97.2
2003	1141	97.4	97.6	101.7	98.4	95.9	98.5	97.2
2004	1126	97.8	97.8	101.5	98.7	96.5	98.5	97.2
2005	1136	97.9	98.0	101.9	98.8	96.5	98.6	97.4

2006	1160	98.0	97.5	101.9	99.0	97.3	98.7	97.4
2007	1124	97.8	98.7	102.4	98.8	98.3	99.8	98.7
2008	1082	97.6	98.3	101.7	98.7	97.9	100.1	98.8
2009	1087	98.3	99.0	101.3	99.2	98.6	100.5	99.2
2010	1099	98.7	99.5	101.0	99.7	99.2	100.7	99.6
2011	1106	99.2	99.3	101.1	99.7	99.3	100.4	99.2
2012	1135	99.3	99.6	100.4	100.1	99.3	100.7	99.8
2013	1147	99.1	100.7	100.8	99.7	100.7	101.3	100.7
2014	953	99.9	100.7	100.1	100.2	100.3	101.0	100.2
2015	813	100.1	100.7	99.9	100.2	100.0	100.8	100.1
2016	796	99.9	101.2	99.8	100.2	101.0	101.4	100.8
2017	620	99.9	100.9	99.7	100.3	100.9	101.5	100.6
2018	207	100.2	100.6	100.1	100.2	100.7	101.3	100.2

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	50863	94.5	96.4	92.8	90.2	105.3	88.8
1981	51444	94.7	96.5	92.9	90.3	105.1	89.0
1982	49755	94.8	97.1	92.8	90.7	105.3	89.2
1983	48422	95.1	96.9	93.0	90.8	105.1	89.5
1984	41603	95.4	97.1	93.6	91.4	104.5	90.2
1985	36494	96.2	97.8	93.8	91.6	104.5	90.8
1986	26535	96.4	98.0	94.0	91.8	104.2	91.1
1987	20326	96.7	98.4	94.4	92.2	103.8	91.7
1988	21472	96.6	98.6	94.3	92.2	103.6	91.6
1989	13581	96.8	98.7	94.2	92.3	104.0	91.7
1990	9677	96.6	98.1	94.5	92.1	103.6	91.6
1991	8503	96.5	98.0	95.0	92.4	102.9	92.0
1992	7802	96.0	97.9	95.1	92.9	102.1	92.1
1993	7080	95.4	97.5	96.0	93.5	101.2	92.7
1994	4562	96.4	98.3	95.8	93.9	101.4	93.2
1995	3220	97.2	98.7	95.9	94.6	101.5	94.0
1996	2346	97.9	99.2	95.7	95.4	101.8	94.5
1997	1629	98.4	99.6	95.7	95.6	101.8	94.8
1998	1471	97.8	99.1	95.9	95.5	101.4	94.7
1999	1429	97.3	99.2	96.3	96.3	101.2	95.1
2000	1318	97.6	99.0	96.2	96.3	100.9	95.2
2001	1282	98.4	99.6	96.2	96.3	101.0	95.5
2002	1151	98.1	99.8	96.8	96.9	100.8	96.1
2003	1141	99.1	100.3	97.0	96.8	101.3	96.5
2004	1126	98.8	100.0	97.5	97.0	101.1	96.7
2005	1136	99.1	100.4	97.5	97.1	101.2	97.0
2006	1160	98.8	100.1	97.9	97.3	100.3	97.1
2007	1124	99.1	99.9	98.2	97.9	100.3	97.7
2008	1082	99.7	100.5	98.0	97.5	100.8	97.6
2009	1087	99.4	100.5	98.7	98.1	100.6	98.2
2010	1099	99.3	100.6	99.3	98.8	100.1	98.9
2011	1106	99.9	101.1	99.4	99.1	100.3	99.4
2012	1135	99.8	101.0	99.6	99.1	100.7	99.5
2013	1147	99.8	101.2	100.0	99.9	100.0	100.0
2014	953	100.4	101.3	100.4	100.2	100.3	100.6
2015	813	100.2	101.3	100.3	99.9	100.3	100.4
2016	796	100.3	101.5	100.6	100.3	100.2	100.8
2017	620	100.2	101.6	100.7	100.4	100.4	100.9
2018	207	100.2	101.6	100.7	100.8	100.2	101.1

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	95343	102.4	102.3	100.8	101.6	100.6	99.9	87.6	101.4
1981	102041	102.7	102.3	101.0	101.7	100.9	99.9	87.4	101.5
1982	98105	102.3	102.3	100.7	101.5	100.6	99.8	87.1	101.2
1983	96658	102.1	102.0	100.5	101.2	100.3	99.8	87.4	101.0
1984	87904	101.7	102.0	100.3	101.1	100.1	99.9	87.5	100.9
1985	79264	101.3	101.8	100.0	100.9	99.7	99.8	88.4	100.5
1986	63917	101.1	101.7	99.9	100.8	99.5	99.5	88.5	100.4
1987	53412	101.3	101.5	99.9	100.7	99.6	99.6	88.7	100.3
1988	55463	101.9	100.9	99.9	100.4	99.9	100.2	88.3	100.2
1989	38780	102.0	100.9	100.0	100.6	100.1	100.4	88.2	100.4
1990	28052	101.9	100.7	99.9	100.2	99.9	100.5	88.4	100.0
1991	24643	101.2	100.8	99.6	100.0	99.5	100.0	89.2	99.8
1992	23851	100.9	101.1	99.8	100.2	99.6	99.9	90.2	100.0
1993	23267	100.8	100.9	99.8	100.1	99.7	99.9	90.5	100.0
1994	15888	100.9	100.2	99.3	99.5	99.4	100.0	90.4	99.3
1995	11530	100.7	100.3	99.3	99.5	99.3	99.6	90.4	99.3
1996	8023	100.3	100.8	99.4	99.7	99.0	98.9	92.3	99.5
1997	5923	100.0	100.6	99.1	99.4	98.7	98.7	92.7	99.2
1998	5104	99.9	100.7	99.2	99.6	98.8	98.8	92.9	99.4
1999	4651	100.1	100.4	99.4	99.6	99.2	99.5	93.5	99.4
2000	4207	100.0	100.3	99.4	99.5	99.2	99.8	93.6	99.4
2001	4050	99.8	100.1	99.0	99.2	98.8	99.2	93.6	99.0
2002	3403	99.4	99.9	98.7	98.8	98.4	98.9	94.2	98.7
2003	3475	99.3	100.2	98.9	99.1	98.3	98.2	95.2	98.9
2004	3326	99.5	100.5	99.3	99.5	98.8	98.5	95.7	99.3
2005	3163	99.3	100.6	99.3	99.5	98.7	98.7	96.5	99.3
2006	3328	98.9	100.2	99.1	99.2	98.6	99.2	96.7	99.0
2007	3519	99.0	100.3	99.2	99.4	98.7	99.1	97.4	99.2
2008	3558	99.2	100.3	99.4	99.4	98.8	99.1	97.7	99.3
2009	3159	99.3	100.6	99.7	99.8	99.1	99.4	97.9	99.7
2010	2972	99.4	100.5	99.7	99.6	99.1	99.2	98.3	99.6
2011	3019	99.1	100.3	99.4	99.3	98.7	98.8	98.6	99.2
2012	3120	98.9	100.4	99.4	99.4	98.6	98.2	98.9	99.3
2013	3277	99.5	100.0	99.7	99.4	99.2	99.4	98.5	99.5
2014	2814	99.3	100.1	99.9	99.5	99.1	98.6	99.6	99.7
2015	2474	99.9	100.1	100.3	99.8	99.6	99.4	100.0	100.0
2016	2069	99.8	100.2	100.2	99.8	99.7	99.9	100.0	100.0
2017	1588	99.6	100.4	100.3	99.9	99.6	100.0	100.3	100.1
2018	1106	99.8	100.6	100.6	100.3	100.0	100.1	100.7	100.5
2019	134	99.9	100.5	100.6	100.3	100.0	100.1	100.4	100.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	10913	97.3	86.9	94.7	102.6	102.9
1981	11065	97.3	87.5	94.3	102.1	102.7
1982	11214	97.4	88.7	93.9	101.9	102.4
1983	12632	97.8	89.6	93.8	101.5	102.2
1984	13299	97.6	90.9	93.6	101.2	101.8
1985	12769	97.7	91.6	93.3	100.9	101.7
1986	10421	97.8	92.4	93.1	100.8	101.5
1987	8752	98.2	93.4	92.9	100.7	101.4
1988	10220	98.3	94.1	93.4	100.9	101.8

1989	6943	98.6	94.0	93.3	100.5	101.5
1990	5438	98.3	94.0	93.4	100.6	101.6
1991	6876	98.8	94.4	93.4	100.5	101.3
1992	7711	98.9	94.8	93.1	100.2	100.9
1993	6920	99.2	95.8	93.9	100.9	101.1
1994	4342	99.2	95.7	93.6	100.5	100.5
1995	3067	99.5	95.5	93.2	100.1	99.8
1996	2178	100.0	95.2	93.8	100.3	100.2
1997	1518	99.9	95.4	93.5	100.0	99.9
1998	1381	100.1	95.6	93.6	99.8	100.1
1999	1316	99.8	95.7	93.2	99.3	99.5
2000	1228	99.6	96.6	93.6	99.9	100.0
2001	1204	99.7	96.3	93.3	99.3	99.5
2002	1052	100.0	97.1	94.1	99.9	100.0
2003	1036	100.0	96.7	94.0	99.5	99.8
2004	1000	99.7	96.8	94.5	99.9	100.2
2005	976	99.8	97.1	93.9	99.2	99.7
2006	977	99.9	97.6	93.8	99.2	99.6
2007	990	100.0	98.2	94.5	99.8	100.4
2008	920	100.1	98.1	94.6	99.5	100.1
2009	939	99.9	97.8	95.1	99.7	100.3
2010	961	100.1	98.8	95.3	99.9	100.3
2011	949	100.1	99.4	95.4	99.9	100.1
2012	958	100.2	99.3	95.9	100.2	100.2
2013	963	100.0	99.0	95.9	100.3	100.6
2014	829	100.3	99.4	95.5	99.8	99.8
2015	669	100.6	99.9	95.3	99.7	99.6
2016	694	100.0	100.1	96.0	100.4	100.3
2017	570	100.3	100.4	96.3	100.6	100.4
2018	202	99.8	101.1	96.8	100.8	100.6

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	15917	-221.7	-460.7	-209.8	103.1	101.4	92.8	90.2	97.6	0.0
1981	16451	-227.8	-458.7	-244.8	102.8	101.5	92.9	90.3	97.7	0.0
1982	19883	-231.9	-450.4	-267.8	102.5	101.2	92.8	90.7	97.7	0.0
1983	26466	-237.6	-445.1	-307.5	102.1	101.0	93.0	90.8	97.4	0.0
1984	33990	-242.8	-442.7	-395.6	101.7	100.9	93.6	91.4	97.8	0.0
1985	39065	-250.6	-441.0	-481.8	101.5	100.5	93.8	91.6	98.0	81.9
1986	36129	-255.2	-437.9	-555.6	101.4	100.4	94.0	91.8	97.9	74.3
1987	34319	-256.4	-434.6	-619.4	101.2	100.3	94.4	92.2	98.1	60.9
1988	44034	-257.9	-433.7	-659.2	101.5	100.2	94.3	92.2	98.2	52.1
1989	32013	-257.4	-432.6	-681.6	101.2	100.4	94.2	92.3	98.0	49.1
1990	23405	-250.7	-417.4	-648.9	101.3	100.0	94.5	92.1	97.9	49.5
1991	19905	-234.3	-385.4	-596.5	101.1	99.8	95.0	92.4	97.8	48.8
1992	18841	-227.0	-371.2	-567.8	100.7	100.0	95.1	92.9	97.8	50.5
1993	18751	-199.8	-346.3	-508.1	101.1	100.0	96.0	93.5	97.9	53.1
1994	12675	-204.6	-334.6	-500.9	100.5	99.3	95.8	93.9	97.8	43.7
1995	9164	-199.2	-328.4	-474.3	99.9	99.3	95.9	94.6	98.0	38.3
1996	6305	-181.0	-304.8	-410.3	100.3	99.5	95.7	95.4	98.2	25.7
1997	4584	-174.5	-281.0	-388.2	99.9	99.2	95.7	95.6	98.2	22.7
1998	3910	-166.0	-271.6	-362.9	99.9	99.4	95.9	95.5	98.3	25.0
1999	3625	-153.5	-254.0	-360.0	99.3	99.4	96.3	96.3	98.4	23.1
2000	3395	-138.1	-234.0	-313.2	99.9	99.4	96.2	96.3	98.7	24.1
2001	3276	-137.7	-215.9	-289.0	99.4	99.0	96.2	96.3	98.7	24.0
2002	2735	-116.0	-185.2	-233.6	99.9	98.7	96.8	96.9	98.6	20.6
2003	2719	-117.2	-187.5	-221.0	99.6	98.9	97.0	96.8	98.5	12.2
2004	2658	-99.6	-177.6	-172.0	100.1	99.3	97.5	97.0	98.7	12.1

2005	2588	-99.6	-170.3	-183.2	99.5	99.3	97.5	97.1	98.6	6.2
2006	2761	-82.6	-136.8	-116.4	99.4	99.0	97.9	97.3	98.9	11.9
2007	2875	-72.4	-135.0	-98.2	100.2	99.2	98.2	97.9	99.0	13.0
2008	2889	-73.0	-120.3	-131.9	99.9	99.3	98.0	97.5	99.3	2.9
2009	2685	-59.6	-107.7	-105.4	100.1	99.7	98.7	98.1	99.4	2.2
2010	2521	-48.5	-93.6	-56.9	100.1	99.6	99.3	98.8	99.3	2.9
2011	2513	-44.6	-78.9	-49.9	100.0	99.2	99.4	99.1	99.2	-0.2
2012	2596	-39.6	-66.6	-47.5	100.2	99.3	99.6	99.1	99.0	-5.2
2013	2713	-26.8	-53.9	-41.4	100.5	99.5	100.0	99.9	99.5	-3.3
2014	2339	-22.9	-45.2	-11.2	99.8	99.7	100.4	100.2	99.5	-6.5
2015	2048	-23.7	-45.4	-10.3	99.6	100.0	100.3	99.9	99.5	-5.5
2016	1713	-6.0	-28.5	9.2	100.4	100.0	100.6	100.3	99.5	-7.5
2017	1342	1.0	-17.1	14.3	100.5	100.1	100.7	100.4	99.5	-9.3
2018	598	17.0	-9.0	66.2	100.8	100.5	100.7	100.8	99.5	-9.3

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1984	10	97.5	97.3	100.3	99.4	96.3	97.1	97.8
1986	10	98.4	98.8	99.9	99.3	98.2	97.9	98.5
1991	11	96.4	98.1	98.8	96.9	96.1	98.5	98.0
1992	15	97.7	98.6	99.5	98.1	97.3	98.9	98.1
1993	51	96.9	99.0	99.0	96.0	99.5	96.4	99.6
1994	129	96.3	97.3	99.0	96.0	98.7	97.8	99.3
1995	481	96.6	97.7	99.1	96.2	98.9	97.8	99.5
1996	286	97.5	98.9	99.2	97.3	98.5	98.8	98.9
1997	382	97.3	98.6	99.2	97.3	98.3	98.7	99.0
1998	446	97.3	98.8	99.1	97.1	98.5	98.5	99.0
1999	516	97.1	98.7	99.1	96.9	98.9	97.5	99.0
2000	424	96.8	98.9	98.8	96.1	99.2	96.9	99.2
2001	412	97.6	99.3	99.3	96.8	99.5	97.7	99.6
2002	496	98.7	99.9	99.6	98.4	99.7	98.5	99.7
2003	561	98.9	100.0	99.5	98.7	99.6	98.6	99.6
2004	662	98.4	99.9	99.4	98.1	99.4	97.9	99.3
2005	593	99.0	100.2	99.7	98.7	99.5	98.5	99.5
2006	680	98.8	100.5	99.3	98.2	99.7	98.6	99.5
2007	725	99.1	100.6	99.6	98.8	99.8	98.2	99.3
2008	768	98.4	100.0	99.2	98.3	99.4	97.6	99.1
2009	805	98.4	100.2	99.0	98.2	99.3	97.8	99.2
2010	818	99.3	100.7	99.4	99.2	99.7	98.8	99.9
2011	777	99.6	100.8	99.7	99.6	99.4	99.1	99.8
2012	783	99.7	100.9	99.8	99.5	99.7	99.0	99.7
2013	800	100.1	101.7	100.1	99.3	100.7	98.4	100.0
2014	670	100.4	101.8	100.1	99.6	100.8	99.1	100.2
2015	551	100.0	101.3	100.1	99.5	100.3	99.4	100.4
2016	433	100.4	101.6	100.3	100.0	100.3	99.4	100.2
2017	284	100.1	101.6	100.1	99.9	99.9	99.4	100.0
2018	84	100.9	101.9	100.3	100.7	100.2	99.6	100.1

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	13473	100.3	96.7	100.3	96.7	93.1	98.2
1981	13092	100.3	97.0	100.3	97.0	93.3	98.3

1982	15135	99.8	97.2	99.8	97.2	92.7	98.3
1983	18640	99.8	96.7	99.8	96.7	92.6	98.3
1984	21469	100.2	96.9	100.2	96.9	93.0	98.2
1985	22533	100.5	96.9	100.5	96.9	93.2	97.8
1986	19826	100.6	96.9	100.6	96.9	93.4	97.9
1987	18465	100.5	97.1	100.5	97.1	93.5	97.5
1988	22978	100.4	97.3	100.4	97.3	93.4	97.7
1989	18390	100.4	97.1	100.4	97.1	93.4	97.8
1990	16530	100.1	97.3	100.1	97.3	93.1	97.9
1991	18625	100.1	97.4	100.1	97.4	93.3	98.0
1992	18931	100.3	97.2	100.3	97.2	93.2	97.9
1993	23256	100.5	97.2	100.5	97.2	94.3	97.9
1994	20332	100.6	97.0	100.6	97.0	94.4	97.7
1995	15427	100.7	97.1	100.7	97.1	94.4	97.7
1996	11679	100.9	97.1	100.9	97.1	94.2	97.9
1997	9135	100.9	97.2	100.9	97.2	94.1	98.0
1998	7966	100.9	97.3	100.9	97.3	94.1	98.0
1999	7471	101.1	97.3	101.1	97.3	94.6	98.0
2000	6686	101.6	97.4	101.6	97.4	95.4	98.2
2001	5852	101.8	97.2	101.8	97.2	95.5	97.9
2002	5208	101.4	97.4	101.4	97.4	95.5	97.8
2003	5194	101.5	97.2	101.5	97.2	95.1	97.7
2004	4981	101.5	97.4	101.5	97.4	95.2	98.0
2005	4571	101.5	97.4	101.5	97.4	95.0	98.0
2006	4554	101.8	97.5	101.8	97.5	95.6	98.3
2007	4439	101.8	97.7	101.8	97.7	95.9	98.1
2008	4471	101.8	98.0	101.8	98.0	95.7	98.6
2009	4438	101.8	98.1	101.8	98.1	95.7	98.5
2010	4266	101.7	98.1	101.7	98.1	95.4	98.4
2011	4138	101.7	98.0	101.7	98.0	95.4	98.4
2012	4012	101.5	97.9	101.5	97.9	95.2	98.2
2013	4157	102.0	98.1	102.0	98.1	95.8	98.2
2014	3792	101.6	98.4	101.6	98.4	95.7	98.5
2015	3582	101.5	98.4	101.5	98.4	95.9	98.4
2016	3257	101.7	98.3	101.7	98.3	95.9	98.4
2017	2811	101.9	98.2	101.9	98.2	96.2	98.5
2018	2558	101.6	98.4	101.6	98.4	96.0	98.5
2019	2320	101.4	98.2	101.4	98.2	95.8	98.3
2020	1755	101.3	98.4	101.3	98.4	95.8	98.3

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	19109	95.5	101.3	104.9	85.0	80.4	81.1
1981	18843	95.7	101.4	104.8	85.3	80.5	81.0
1982	20098	95.2	101.8	105.4	88.1	83.7	84.7
1983	34495	95.1	102.1	105.5	91.6	87.4	88.1
1984	32918	95.9	101.6	104.4	94.6	89.8	90.0
1985	27870	96.3	101.0	103.8	96.4	92.3	92.3
1986	22560	95.8	101.2	104.4	96.1	91.9	92.2
1987	19124	97.1	100.4	103.0	98.3	94.3	94.8
1988	19756	97.3	100.6	102.8	100.1	95.4	95.5
1989	12296	96.6	100.2	103.7	99.9	94.5	94.5
1990	9535	96.7	101.3	103.5	98.3	94.6	95.2
1991	10184	96.6	101.4	103.6	99.6	96.6	97.0
1992	9990	96.8	101.8	103.5	98.7	96.9	97.3
1993	8667	97.6	100.6	102.5	98.7	97.2	98.0
1994	5578	97.6	100.9	102.7	99.3	97.2	98.2
1995	5067	98.0	100.8	102.2	99.4	97.3	97.2

1996	3883	98.3	101.2	101.9	99.9	97.2	96.9
1997	2766	97.7	100.9	102.5	100.7	97.4	97.0
1998	2288	98.2	100.8	101.8	100.1	97.9	97.8
1999	2322	98.7	100.3	101.2	100.0	97.4	98.0
2000	2252	98.1	99.9	101.9	100.9	97.7	98.7
2001	2158	98.3	99.8	101.8	100.7	97.5	98.0
2002	1845	97.8	99.6	102.3	100.6	97.0	97.1
2003	2007	97.5	100.1	102.5	100.6	98.1	98.9
2004	2095	97.3	99.9	102.8	101.2	98.1	98.1
2005	2169	97.3	99.6	102.8	101.6	99.1	98.6
2006	2283	97.3	100.3	102.8	101.9	98.3	98.9
2007	2924	98.1	99.6	101.8	100.4	98.5	100.2
2008	3076	97.4	99.9	102.6	101.6	98.7	100.2
2009	3114	97.2	100.1	102.8	102.0	99.5	100.1
2010	2982	97.3	100.2	102.7	101.7	99.6	99.7
2011	2884	97.2	100.2	102.9	101.5	99.3	99.1
2012	2726	97.1	100.2	103.0	101.6	99.6	99.2
2013	2747	98.4	99.3	101.4	100.4	100.0	100.7
2014	2616	97.9	99.9	101.8	101.4	99.8	100.0
2015	2517	98.0	99.6	101.5	100.8	99.9	99.6
2016	2114	98.2	99.6	101.4	100.4	99.8	100.0
2017	1764	97.9	99.6	102.0	101.0	99.2	98.8
2018	1458	97.9	99.5	101.9	100.8	98.9	98.2
2019	1346	98.0	99.7	101.8	101.7	99.2	98.7
2020	1015	97.4	99.5	102.6	101.5	98.2	97.1

Tabel: 110 Maas Rijn IJssel: 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	16912	106.5	108.3	97.7	101.3	111.2	95.9	104.6	99.4	110.5	97.1	104.0
1981	17575	106.3	108.3	97.6	101.5	111.1	96.1	104.5	99.1	110.4	97.1	104.1
1982	18354	106.3	108.4	97.4	101.9	111.0	96.3	104.6	99.0	110.2	97.4	104.3
1983	21216	106.1	108.1	97.1	101.7	110.9	96.3	104.4	98.9	110.1	97.3	104.5
1984	23205	105.9	107.3	97.2	101.3	110.5	96.3	104.3	99.1	109.4	97.3	104.0
1985	23018	105.9	106.9	96.7	101.7	110.1	96.2	104.3	99.2	108.9	96.9	104.5
1986	20228	105.7	106.7	96.8	101.7	109.9	96.3	104.3	99.0	108.7	97.0	104.3
1987	18246	105.6	106.5	96.8	101.9	109.7	96.1	104.2	99.1	108.4	96.7	104.3
1988	21740	105.3	106.6	97.1	101.9	109.4	96.4	103.9	99.3	108.3	97.2	103.7
1989	16905	105.8	107.0	97.1	102.0	109.9	96.5	104.1	99.5	108.7	97.5	104.0
1990	14988	105.3	106.6	97.4	101.7	109.2	96.7	103.8	99.4	108.0	97.6	103.5
1991	15950	104.7	105.4	97.4	101.3	107.8	96.7	103.4	99.8	106.7	97.4	103.3
1992	18518	104.3	104.6	98.0	100.9	107.0	97.0	103.0	99.9	106.0	97.7	102.7
1993	19312	104.4	104.5	98.8	100.6	107.3	97.1	102.9	100.3	105.9	98.4	102.2
1994	13668	103.5	104.1	98.6	100.9	106.2	97.5	102.5	99.7	105.1	98.5	101.9
1995	10095	103.1	104.0	98.9	100.9	105.7	97.8	102.1	99.5	104.7	98.8	101.6
1996	8628	102.5	103.7	98.1	101.5	104.6	97.8	101.6	99.6	104.1	98.3	101.9
1997	7434	102.0	103.0	98.4	101.3	104.0	98.0	101.2	99.6	103.6	98.3	101.6
1998	5754	102.1	102.6	98.6	101.0	103.8	98.1	101.2	100.1	103.1	98.6	101.4
1999	6060	102.4	102.8	98.9	101.4	104.3	98.4	101.4	100.1	103.2	99.3	101.3
2000	4857	102.5	102.7	99.2	101.3	104.0	98.4	101.5	100.4	102.8	99.7	100.7
2001	4515	101.7	102.0	99.4	100.9	103.1	98.8	101.0	100.1	102.3	99.7	100.4
2002	4518	101.8	102.0	99.3	101.2	102.9	98.8	101.1	100.1	102.3	99.5	101.0
2003	4370	101.3	102.2	98.6	101.6	102.3	98.9	100.5	100.2	102.0	98.9	101.2
2004	4205	101.5	102.0	98.9	101.4	102.6	98.9	100.7	100.2	102.0	99.3	101.1
2005	3859	101.5	101.9	98.6	101.9	101.9	98.8	100.9	100.3	101.4	99.2	101.2
2006	3878	101.2	101.1	99.6	101.0	101.7	99.3	100.5	100.6	100.9	99.8	100.3
2007	3500	100.7	101.1	99.4	100.3	102.0	99.4	99.8	100.3	101.4	99.2	100.1
2008	3397	100.9	101.0	99.1	100.8	101.6	99.3	100.3	100.2	101.2	99.0	100.5
2009	3263	100.7	100.9	99.7	101.1	101.1	99.8	100.2	100.2	100.9	99.8	100.4

2010	2940	100.0	100.2	99.4	100.7	100.2	99.8	99.8	99.8	100.3	99.4	100.2
2011	2425	99.6	99.7	99.2	100.5	99.7	99.9	99.4	99.6	99.9	99.2	100.2
2012	1678	99.1	99.9	99.1	100.9	99.2	100.5	99.1	99.2	99.7	99.5	100.4
2013	1537	99.0	99.4	99.0	100.5	99.2	100.3	99.3	98.7	99.3	99.0	100.1
2014	1093	98.7	99.4	98.8	100.6	98.8	100.5	99.0	98.8	99.1	99.0	100.3
2015	818	98.6	99.4	98.8	100.6	98.8	100.6	98.9	99.0	99.1	99.1	100.2
2016	787	98.9	99.3	98.9	100.6	98.9	100.1	99.3	99.0	99.0	98.7	100.2
2017	622	99.0	99.4	99.0	100.7	98.9	100.1	99.4	98.8	99.1	98.9	100.3
2018	202	99.0	99.3	98.9	100.9	98.6	100.3	99.3	99.1	98.9	98.9	100.5

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	13120	95.8	96.8	102.6
1981	12624	96.4	97.3	102.5
1982	14655	96.2	97.2	102.6
1983	18211	96.2	97.2	102.6
1984	21170	95.6	96.6	102.5
1985	22304	95.1	96.2	102.5
1986	19668	95.4	96.4	102.3
1987	18175	94.9	95.9	102.1
1988	22607	95.0	96.1	102.5
1989	18056	95.1	96.2	102.7
1990	16194	94.7	96.0	102.7
1991	17950	94.6	96.0	102.4
1992	18126	94.8	96.2	102.4
1993	24484	94.7	96.2	102.5
1994	22574	95.0	96.5	102.3
1995	17403	95.3	96.8	102.3
1996	13020	95.9	97.4	102.0
1997	10371	96.2	97.7	101.7
1998	9026	96.3	97.8	101.8
1999	8407	97.0	98.2	101.8
2000	7429	97.3	98.4	102.0
2001	6430	97.4	98.4	101.8
2002	5762	98.0	98.8	101.6
2003	5707	98.0	98.9	101.0
2004	5491	97.9	98.6	100.9
2005	4958	97.9	98.6	100.9
2006	4929	98.0	98.6	100.8
2007	4765	98.6	99.1	101.4
2008	4864	98.5	98.8	100.9
2009	4788	98.1	98.6	100.2
2010	4588	98.9	99.4	100.2
2011	4468	98.9	99.4	100.0
2012	4288	99.2	99.6	100.0
2013	4479	99.2	99.5	100.2
2014	4130	99.4	99.7	100.2
2015	3925	99.8	100.1	100.0
2016	3534	99.8	100.1	99.9
2017	3119	100.0	100.3	100.0
2018	2852	100.1	100.4	99.8
2019	2620	100.6	100.8	100.1
2020	1902	100.6	100.8	100.0

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	3274	-2655.9	-10611.8	-448.1	-382.0
2002	2743	-2247.0	-9037.6	-375.8	-324.5
2003	2717	-2188.0	-8726.6	-371.2	-313.6
2004	2659	-1871.4	-7498.4	-316.4	-268.8
2005	2593	-1902.6	-7637.3	-322.9	-272.6
2006	2763	-1408.3	-5672.5	-241.2	-200.6
2007	2877	-1286.2	-5245.2	-215.7	-185.4
2008	2894	-1435.4	-5894.9	-241.7	-206.3
2009	2688	-1232.1	-5021.5	-209.2	-176.4
2010	2534	-888.6	-3569.1	-149.9	-127.9
2011	2522	-794.3	-3310.5	-130.6	-115.7
2012	2614	-731.7	-3117.4	-117.2	-107.9
2013	2729	-654.8	-2867.7	-109.6	-93.9
2014	2355	-431.3	-1938.5	-67.6	-64.0
2015	2080	-426.9	-1909.3	-64.7	-64.6
2016	1735	-239.4	-1287.7	-30.9	-38.3
2017	1341	-152.3	-902.9	-13.2	-27.4
2018	545	222.2	527.1	58.5	22.5

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

Jaar	Aantal	Eff	Int	Gewen
1980	178	94.9	99.4	99.5
1981	244	94.8	98.8	99.6
1982	270	95.1	96.0	98.9
1983	506	95.5	92.6	98.2
1984	595	97.5	91.7	99.1
1985	671	98.4	91.7	99.5
1986	563	98.4	92.1	99.6
1987	480	98.5	92.1	99.8
1988	303	98.5	91.9	99.7
1989	82	97.5	92.5	99.4
1990	138	96.2	91.1	98.2
1991	257	96.7	90.2	98.0
1992	342	97.1	91.0	98.3
1993	436	98.1	91.2	99.1
1994	228	96.5	91.8	99.4
1995	188	96.4	92.2	99.7
1996	182	97.5	92.7	98.8
1997	133	98.0	92.6	99.1
1998	151	97.5	92.7	99.2
1999	155	98.5	92.8	99.9
2000	197	98.5	91.9	99.9
2001	193	97.7	93.6	99.8
2002	188	98.4	93.4	99.5
2003	191	98.3	93.5	99.5
2004	244	98.1	92.9	99.8
2005	277	98.9	93.4	99.5
2006	277	98.6	93.8	99.6
2007	339	99.1	93.2	100.1
2008	355	98.9	93.3	99.9
2009	424	98.9	93.3	99.7
2010	398	98.9	93.9	100.1

2011	464	99.0	94.0	100.1
2012	510	99.0	95.4	99.9
2013	537	99.4	96.6	100.2
2014	470	99.7	97.7	100.4
2015	396	100.1	99.3	100.5
2016	340	99.7	101.2	100.0
2017	295	100.6	101.5	100.0
2018	145	101.5	103.5	100.2

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	15917	100.0	101.4	0	0.0	0.0	0	0.0
1981	16451	99.8	101.2	0	0.0	0.0	0	0.0
1982	19883	99.7	101.5	0	0.0	0.0	0	0.0
1983	26466	99.6	101.1	0	0.0	0.0	0	0.0
1984	33990	99.9	101.1	0	0.0	0.0	0	0.0
1985	39065	99.7	100.9	52661	-4.2	81.9	0	0.0
1986	36129	99.5	100.7	43518	-4.1	74.3	0	0.0
1987	34319	99.2	100.6	37882	-3.8	60.9	0	0.0
1988	44034	98.8	100.0	45123	-3.7	52.1	0	0.0
1989	32013	98.6	99.8	32261	-3.6	49.1	0	0.0
1990	23405	98.7	99.9	23526	-3.5	49.5	0	0.0
1991	19905	98.7	99.7	20099	-3.3	48.8	0	0.0
1992	18841	99.0	99.9	19065	-3.2	50.5	0	0.0
1993	18751	99.3	100.3	18770	-3.1	53.1	0	0.0
1994	12675	99.3	99.9	12688	-2.9	43.7	0	0.0
1995	9164	99.9	100.0	9167	-2.8	38.3	0	0.0
1996	6305	100.2	100.3	6311	-2.4	25.7	0	0.0
1997	4584	99.9	99.8	4587	-2.2	22.7	0	0.0
1998	3910	99.8	100.0	3911	-2.2	25.0	0	0.0
1999	3625	99.8	99.6	3626	-2.1	23.1	0	0.0
2000	3395	100.2	99.6	3396	-1.9	24.1	0	0.0
2001	3276	100.4	99.7	3277	-1.8	24.0	1282	98.6
2002	2735	100.5	99.9	2744	-1.5	20.6	1151	98.6
2003	2719	100.1	99.6	2719	-1.4	12.2	1141	99.4
2004	2658	100.4	99.7	2659	-1.3	12.1	1126	99.3
2005	2588	99.9	99.2	2589	-1.2	6.2	1136	100.1
2006	2761	100.4	99.2	2763	-1.1	11.9	1160	99.2
2007	2875	100.4	99.4	2877	-1.1	13.0	1124	99.1
2008	2889	100.4	98.9	2891	-0.8	2.9	1082	100.2
2009	2685	100.6	98.8	2686	-0.8	2.2	1087	100.1
2010	2521	100.7	99.0	2527	-0.7	2.9	1099	99.9
2011	2513	100.8	99.1	2518	-0.5	-0.2	1106	100.4
2012	2596	100.9	99.4	2601	-0.3	-5.2	1135	100.8
2013	2713	100.6	99.5	2718	-0.3	-3.3	1147	100.5
2014	2339	101.1	99.3	2352	-0.2	-6.5	953	100.8
2015	2048	101.3	99.2	2085	-0.2	-5.5	813	100.7
2016	1713	100.9	99.2	1767	-0.1	-7.5	796	100.9
2017	1342	101.2	99.5	1405	0.1	-9.3	620	100.9
2018	598	101.3	99.8	791	0.1	-9.3	207	101.0
2019	0	0.0	0.0	376	-0.2	-6.6	0	0.0
2020	0	0.0	0.0	113	-0.3	-3.8	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	2322	100.0	0	0.0	0	0.0	2322	97.6
1981	2040	99.9	0	0.0	0	0.0	2040	97.7
1982	2346	99.9	0	0.0	0	0.0	2346	97.8
1983	3024	99.9	0	0.0	0	0.0	3024	97.5
1984	3437	99.9	0	0.0	0	0.0	3437	96.8
1985	3562	100.0	0	0.0	0	0.0	3562	96.9
1986	2968	100.0	0	0.0	0	0.0	2968	96.8
1987	2413	99.9	0	0.0	0	0.0	2413	96.5
1988	2838	99.9	0	0.0	0	0.0	2838	96.2
1989	1873	99.9	0	0.0	0	0.0	1873	96.5
1990	1452	99.9	0	0.0	0	0.0	1452	96.8
1991	1567	99.9	0	0.0	0	0.0	1567	96.9
1992	1730	100.0	0	0.0	0	0.0	1730	96.7
1993	1816	99.9	0	0.0	0	0.0	1816	96.0
1994	1209	99.9	0	0.0	0	0.0	1209	96.1
1995	962	99.9	2	104.0	2	103.5	962	96.2
1996	807	100.0	2	104.0	0	0.0	807	96.9
1997	720	100.0	0	0.0	1	104.0	720	96.9
1998	760	100.0	0	0.0	0	0.0	760	96.9
1999	766	99.9	0	0.0	0	0.0	766	96.7
2000	801	99.9	5	104.6	1	102.0	801	96.7
2001	884	99.9	1	106.0	1	104.0	884	96.5
2002	839	99.9	2	101.5	1	102.0	839	96.4
2003	966	99.9	7	102.6	4	102.8	966	96.7
2004	1085	99.9	4	101.2	2	100.5	1085	97.1
2005	1181	100.0	1	102.0	2	104.5	1181	97.3
2006	1403	100.0	6	104.5	6	102.3	1403	97.4
2007	1623	100.0	9	103.7	16	102.2	1623	97.5
2008	1823	100.0	12	103.5	3	102.3	1823	98.1
2009	2068	100.0	12	102.5	8	101.6	2068	98.1
2010	2185	100.0	14	103.9	31	102.2	2185	97.8
2011	2199	100.0	11	103.4	38	102.5	2199	98.2
2012	2284	100.0	6	104.0	24	102.2	2284	99.0
2013	2378	100.0	0	0.0	42	102.6	2378	99.5
2014	2037	100.0	0	0.0	8	103.0	2037	99.2
2015	1772	100.0	0	0.0	3	102.3	1772	99.6
2016	1482	100.0	0	0.0	0	0.0	1482	99.9
2017	1144	100.0	0	0.0	0	0.0	1144	99.6
2018	511	100.0	0	0.0	0	0.0	511	99.9

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1984	28	98.1	97.3	97.9	97.3	98.9	97.8
1985	36	98.0	97.2	98.0	97.1	98.9	97.9
1986	29	97.8	97.1	97.8	97.0	98.7	97.6
1987	21	98.5	97.8	98.2	97.6	98.9	97.9
1988	19	98.4	97.6	98.4	97.6	98.7	98.1
1990	15	97.7	96.7	97.8	96.7	98.7	97.7
1991	24	97.8	97.0	98.2	97.0	98.2	97.0
1992	15	97.7	96.8	98.1	96.9	98.5	97.7
1993	77	100.3	100.1	100.2	99.3	100.0	99.2
1994	67	98.3	97.4	98.3	97.3	99.1	98.7

1995	73	98.5	97.2	98.6	97.6	99.2	99.0
1996	79	99.2	98.3	99.3	98.2	99.5	99.2
1997	52	99.0	98.1	99.1	97.8	99.2	99.1
1998	65	99.3	98.3	99.7	98.1	99.7	99.5
1999	70	99.7	98.8	99.9	98.7	99.8	99.6
2000	72	98.9	98.3	99.1	97.9	99.5	99.1
2001	93	99.4	98.5	99.6	98.3	99.9	99.5
2002	79	99.5	98.7	99.7	98.4	99.6	99.3
2003	81	98.6	97.5	98.7	97.9	99.2	98.8
2004	111	99.1	97.9	99.2	98.2	99.5	99.5
2005	133	99.2	98.1	99.5	98.3	99.5	99.2
2006	156	100.6	99.7	100.9	99.4	100.5	100.5
2007	179	100.3	99.4	100.4	99.2	100.1	100.0
2008	203	100.5	99.4	100.6	99.4	100.2	100.3
2009	200	100.0	99.0	100.2	99.1	100.0	99.8
2010	201	99.7	98.5	99.8	98.9	99.7	99.7
2011	196	99.8	98.5	99.9	98.9	99.8	99.9
2012	180	99.4	98.3	99.5	98.6	99.7	99.6
2013	144	99.7	98.6	99.7	98.8	99.6	99.7
2014	115	99.0	97.9	99.1	98.2	99.2	99.0
2015	119	100.2	99.5	100.4	99.2	99.7	99.7
2016	70	100.3	99.5	100.3	99.2	100.0	99.9
2017	27	99.7	98.9	99.7	98.6	99.6	99.2
2018	26	100.4	99.7	100.5	99.3	100.0	99.6

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	36	-2101.3	-84.1	-84.5	-95.6	16.6	-14.9	0.1	-551.9
1981	63	-2210.7	-88.3	-87.7	-100.6	18.6	-13.5	0.2	-575.1
1982	213	-2097.7	-86.4	-84.0	-95.5	12.8	-13.8	0.1	-554.5
1983	381	-2077.7	-85.0	-83.7	-94.6	13.6	-14.5	0.1	-550.0
1984	795	-2044.1	-82.3	-81.9	-93.0	15.6	-13.3	0.1	-536.5
1985	1958	-2157.4	-81.0	-83.8	-98.2	26.9	-9.8	0.1	-542.9
1986	3433	-2161.0	-83.3	-83.6	-98.4	23.5	-9.2	0.1	-547.1
1987	5235	-2204.6	-86.1	-84.3	-100.3	22.2	-7.8	0.1	-556.6
1988	8885	-2218.3	-84.5	-83.6	-101.0	26.3	-5.6	0.1	-550.7
1989	10835	-2161.9	-82.6	-81.5	-98.4	25.2	-5.2	0.1	-537.1
1990	15633	-2136.0	-82.9	-80.5	-97.2	22.6	-5.4	0.1	-533.5
1991	22467	-2065.3	-78.2	-75.6	-94.0	24.5	-1.5	0.1	-502.5
1992	25335	-2006.7	-78.4	-74.2	-91.3	19.7	-2.7	0.1	-496.1
1993	24830	-1946.1	-78.4	-71.9	-88.6	15.0	-2.5	0.1	-486.1
1994	32033	-1797.4	-65.7	-64.8	-81.8	23.9	0.2	0.2	-428.5
1995	35779	-1745.4	-62.3	-62.8	-79.4	25.6	0.4	0.2	-412.2
1996	33708	-1642.4	-58.4	-59.4	-74.7	24.1	-0.0	0.2	-388.7
1997	32868	-1544.5	-55.6	-55.8	-70.2	21.5	0.1	0.2	-366.6
1998	31004	-1496.6	-52.9	-53.5	-68.0	22.2	1.0	0.3	-351.0
1999	27021	-1418.4	-49.0	-51.0	-64.4	22.4	0.6	0.3	-331.2
2000	20339	-1294.4	-46.9	-48.2	-58.7	17.2	-1.9	0.4	-313.9
2001	17489	-1142.8	-45.2	-42.8	-51.6	9.8	-1.8	0.7	-285.8
2002	12294	-1049.2	-42.0	-40.4	-47.3	8.3	-3.1	0.7	-268.1
2003	12059	-954.5	-34.1	-35.2	-44.1	13.1	-0.6	-0.8	-229.1
2004	11101	-845.0	-27.0	-30.5	-39.3	15.8	0.5	-1.0	-193.5
2005	8738	-778.2	-24.8	-27.4	-36.1	14.8	1.5	-0.9	-175.3
2006	8123	-710.7	-23.8	-24.9	-32.9	12.1	1.5	-0.7	-162.1
2007	7009	-659.4	-20.4	-22.3	-30.6	13.2	2.5	-0.8	-143.7
2008	6453	-594.6	-20.1	-20.1	-27.7	9.8	2.4	-0.7	-132.7
2009	5383	-592.1	-21.9	-20.2	-26.9	7.1	2.1	0.1	-136.8
2010	4603	-510.8	-19.9	-17.1	-23.6	5.0	2.3	-0.4	-118.8

2011	4237	-449.5	-17.5	-14.9	-20.5	4.5	2.3	-0.0	-103.9
2012	4123	-398.3	-16.2	-13.2	-18.2	3.2	2.1	0.0	-93.5
2013	3838	-367.4	-15.0	-11.4	-16.9	2.9	2.9	-0.2	-83.3
2014	3311	-304.0	-14.4	-9.0	-14.0	0.0	3.1	-0.2	-71.3
2015	2615	-302.3	-13.6	-7.4	-13.3	1.1	5.0	0.7	-63.2
2016	2341	-257.9	-11.2	-6.1	-11.0	1.5	4.7	0.9	-51.9
2017	1907	-190.3	-9.1	-3.9	-7.6	0.4	4.3	1.3	-37.3
2018	891	-109.4	-6.5	-1.5	-3.9	-0.9	3.6	1.4	-20.9

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	37	90.1	97.4	91.2	91.1	105.1	98.0	97.4
1981	70	88.8	96.7	90.5	90.7	104.9	98.2	97.1
1982	252	88.8	97.7	91.1	91.2	105.0	98.4	97.8
1983	421	89.0	98.0	91.2	91.1	105.1	98.5	97.6
1984	788	88.4	97.8	91.0	91.0	104.9	98.3	97.0
1985	1590	88.0	97.3	90.6	90.3	105.2	98.2	95.7
1986	2494	87.9	97.4	91.0	90.7	105.1	97.6	95.7
1987	3549	88.1	98.3	91.0	90.4	105.6	98.2	96.7
1988	5108	87.9	98.2	90.9	90.3	105.7	98.2	96.6
1989	5621	88.3	98.4	91.2	90.6	105.4	98.2	96.6
1990	8481	88.5	98.7	91.1	90.4	105.6	98.4	97.2
1991	13304	89.1	98.5	91.4	90.6	105.2	98.4	97.6
1992	15533	89.2	98.7	91.3	90.5	105.3	98.3	97.9
1993	14013	89.4	99.3	91.5	90.6	105.4	98.5	98.3
1994	18326	89.7	101.3	93.8	91.7	106.1	98.8	99.3
1995	20453	90.0	101.5	94.8	92.9	105.5	99.5	98.9
1996	19095	90.5	101.1	95.4	93.4	105.1	99.3	99.6
1997	19031	90.9	101.1	95.7	93.9	104.7	99.6	99.0
1998	17492	91.4	101.1	96.1	94.1	104.5	99.3	98.8
1999	15215	91.5	101.1	96.1	94.4	104.2	99.2	98.8
2000	11042	92.4	100.8	95.9	94.3	104.1	99.3	98.8
2001	9246	92.7	100.8	95.8	94.4	103.9	99.5	98.3
2002	6397	93.3	101.6	96.7	95.4	104.1	99.2	98.8
2003	6335	93.9	102.2	97.7	96.3	103.8	100.0	98.2
2004	5915	94.0	103.0	98.5	97.0	103.9	100.3	98.2
2005	4549	94.0	102.4	98.1	96.7	103.3	100.3	98.4
2006	4030	94.2	102.6	98.1	96.7	103.2	100.4	98.3
2007	3331	94.5	102.6	98.4	97.2	103.1	100.5	98.1
2008	3005	94.8	102.2	98.3	97.3	102.8	100.7	98.1
2009	2434	95.7	102.1	98.4	97.2	102.9	100.7	98.4
2010	2105	96.0	101.6	98.3	97.1	102.5	100.6	99.1
2011	1900	96.3	101.5	98.5	97.3	102.3	100.5	98.9
2012	1709	96.1	101.6	98.3	97.1	102.6	100.6	99.1
2013	1539	96.2	101.5	98.4	97.2	102.2	100.4	99.5
2014	1201	96.5	101.6	98.6	97.4	102.4	100.2	99.7
2015	922	96.8	101.7	98.5	97.1	102.4	100.6	99.9
2016	836	96.7	102.2	98.4	97.2	103.0	101.2	100.0
2017	664	97.3	102.9	98.5	97.6	103.5	101.7	100.2
2018	216	98.2	102.6	98.7	98.3	103.4	101.5	100.5

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	37	91.8	100.6	98.2	94.8	88.8
1981	70	91.0	99.7	98.5	94.7	88.1
1982	252	91.0	100.8	97.9	94.8	88.1
1983	421	91.3	101.1	97.6	94.9	88.3
1984	788	90.9	101.4	97.0	95.2	88.1
1985	1590	91.8	100.0	98.0	95.9	89.0
1986	2494	91.5	100.9	97.3	95.8	88.7
1987	3549	92.6	100.8	97.1	95.9	90.1
1988	5108	93.0	100.5	97.2	96.0	90.4
1989	5621	93.0	100.9	97.3	96.2	90.3
1990	8481	93.1	100.8	97.0	95.9	90.3
1991	13304	93.2	101.5	96.8	95.8	90.5
1992	15533	93.3	101.4	96.7	95.9	90.6
1993	14013	93.5	101.6	96.6	96.2	91.0
1994	18326	92.3	101.7	95.4	95.8	90.3
1995	20453	92.0	102.0	95.2	95.9	90.4
1996	19095	93.0	102.5	95.2	96.0	91.2
1997	19031	93.7	102.8	95.2	96.3	91.8
1998	17492	94.1	103.5	95.0	96.5	92.1
1999	15215	94.6	102.9	95.2	96.7	92.7
2000	11042	95.3	102.6	96.1	97.0	93.4
2001	9246	95.1	102.2	96.9	97.2	93.4
2002	6397	95.4	101.7	97.9	97.5	93.6
2003	6335	95.9	101.1	98.0	98.4	94.8
2004	5915	96.4	101.1	97.9	99.1	95.6
2005	4549	96.5	101.2	97.3	98.8	95.9
2006	4030	97.0	100.7	97.7	99.4	96.5
2007	3331	97.2	100.2	98.1	99.6	96.9
2008	3005	96.9	100.3	98.0	99.4	96.7
2009	2434	97.2	100.0	98.8	99.3	97.0
2010	2105	97.9	99.8	99.2	99.3	97.5
2011	1900	98.7	99.8	99.7	99.6	98.5
2012	1709	98.8	100.0	99.4	99.7	98.9
2013	1539	98.9	99.9	99.7	100.0	98.8
2014	1201	99.0	99.7	99.8	99.9	99.0
2015	922	99.2	99.4	100.2	99.6	99.3
2016	836	99.3	99.4	100.1	100.1	99.5
2017	664	99.7	99.0	100.8	100.8	99.8
2018	216	100.5	98.5	101.3	101.2	100.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	37	91.9	88.6	100.6	94.1	88.1	90.4	88.5
1981	70	91.7	88.1	99.8	94.1	88.4	91.5	89.3
1982	252	90.7	88.0	100.4	93.1	87.5	90.5	88.6
1983	421	90.7	87.8	100.9	92.8	87.5	90.8	88.6
1984	788	90.6	88.1	101.1	92.6	88.3	91.8	89.6
1985	1590	91.4	88.8	101.0	93.1	88.7	92.6	90.1
1986	2494	91.7	88.8	101.0	92.8	88.6	92.1	89.8
1987	3549	91.1	89.2	101.5	92.4	88.2	91.7	89.7
1988	5108	91.0	89.4	102.0	92.2	88.3	91.4	89.5
1989	5621	91.0	89.5	101.8	92.1	88.4	91.2	89.4

1990	8481	90.7	89.4	102.1	92.2	88.4	91.6	89.5
1991	13304	91.5	89.3	101.5	92.7	88.5	90.9	89.4
1992	15533	91.4	89.7	101.2	92.8	88.6	91.1	89.7
1993	14013	91.4	90.2	100.7	92.7	88.4	91.2	89.7
1994	18326	91.2	91.4	100.6	91.6	87.7	92.3	91.1
1995	20453	91.7	91.7	100.1	91.3	87.9	92.5	91.2
1996	19095	91.5	92.0	100.2	91.3	88.2	92.8	91.5
1997	19031	91.6	92.2	100.2	91.5	89.0	93.0	91.4
1998	17492	91.3	92.3	100.3	91.4	89.3	93.4	91.8
1999	15215	91.8	93.3	100.0	91.8	90.5	94.3	92.9
2000	11042	92.8	94.0	100.4	93.1	91.4	95.1	93.9
2001	9246	93.2	93.5	100.2	93.3	91.7	94.5	93.1
2002	6397	93.4	93.8	99.8	93.3	91.7	94.9	93.4
2003	6335	94.0	94.7	99.4	93.8	92.3	95.1	93.6
2004	5915	94.1	95.5	99.5	93.5	92.6	95.6	94.4
2005	4549	94.1	95.6	100.0	93.7	93.2	95.8	94.7
2006	4030	94.5	96.0	99.9	94.0	93.4	95.8	94.8
2007	3331	94.7	96.4	99.6	94.3	93.9	96.2	95.2
2008	3005	94.8	96.7	99.4	94.6	94.3	96.5	95.6
2009	2434	95.3	96.8	99.3	95.6	94.5	96.8	95.9
2010	2105	95.6	97.1	99.5	96.0	95.0	97.2	96.5
2011	1900	95.9	97.6	99.5	96.2	95.5	97.8	97.2
2012	1709	96.2	97.5	100.0	96.4	95.9	98.0	97.4
2013	1539	96.5	97.7	100.0	96.6	95.9	98.1	97.7
2014	1201	97.0	97.8	100.7	97.3	96.4	98.3	97.8
2015	922	97.3	98.2	100.3	97.7	96.7	98.6	98.3
2016	836	97.5	98.2	100.2	98.0	96.6	98.6	98.1
2017	664	97.9	98.4	100.2	98.3	96.7	98.6	98.1
2018	216	99.6	99.3	99.8	99.4	98.3	98.9	98.4

Tabel: 121 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	37	93.7	95.5	88.8	88.8	0.0	85.6
1981	70	93.1	94.9	89.0	87.8	0.0	84.9
1982	252	94.2	95.6	87.7	87.9	0.0	84.7
1983	421	94.3	95.7	87.6	88.1	0.0	84.8
1984	788	93.8	95.2	88.1	87.7	0.0	84.6
1985	1590	92.7	94.5	89.0	88.4	0.0	85.0
1986	2494	92.6	94.9	88.8	88.1	0.0	84.8
1987	3549	93.7	95.4	88.2	89.5	0.0	85.6
1988	5108	93.6	95.3	88.1	90.0	0.0	85.8
1989	5621	93.8	95.4	88.1	89.9	0.0	85.8
1990	8481	94.2	95.4	88.1	89.9	0.0	85.9
1991	13304	94.4	95.5	88.5	90.0	0.0	86.3
1992	15533	94.6	95.6	88.6	90.2	0.0	86.5
1993	14013	95.1	95.8	88.6	90.5	0.0	86.8
1994	18326	97.2	97.9	88.1	89.6	0.0	87.0
1995	20453	97.7	98.5	88.4	89.6	0.0	87.4
1996	19095	98.1	98.9	88.4	90.5	0.0	88.1
1997	19031	98.0	98.9	88.9	91.0	0.0	88.6
1998	17492	97.9	98.9	88.9	91.3	0.0	88.7
1999	15215	97.9	98.9	89.9	91.9	0.0	89.6
2000	11042	97.7	98.8	91.1	92.9	0.0	90.7
2001	9246	97.6	98.6	91.4	93.0	0.0	90.8
2002	6397	98.1	99.4	91.6	93.3	0.0	91.4
2003	6335	98.8	99.9	92.3	94.4	0.0	92.6
2004	5915	99.4	100.4	92.4	95.0	0.0	93.2
2005	4549	99.3	99.9	92.7	95.2	0.0	93.4

2006	4030	99.3	99.8	93.1	95.8	0.0	93.9
2007	3331	99.3	100.0	93.5	96.2	0.0	94.4
2008	3005	99.3	99.9	93.8	96.0	0.1	94.3
2009	2434	99.4	100.0	94.4	96.4	0.1	94.9
2010	2105	99.6	99.9	94.9	97.0	0.1	95.5
2011	1900	99.5	99.9	95.3	98.0	0.9	96.3
2012	1709	99.6	100.0	95.5	98.3	2.3	96.6
2013	1539	99.7	99.9	95.7	98.4	1.0	96.8
2014	1201	99.8	100.2	96.4	98.5	0.3	97.3
2015	922	100.1	100.1	96.8	98.8	0.4	97.7
2016	836	100.6	100.5	97.0	99.0	2.3	98.1
2017	664	101.1	100.9	97.3	99.3	1.7	98.7
2018	216	101.1	101.4	99.1	100.0	1.4	100.0

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	49	101.6	102.6	101.9	102.5	100.4	100.1	90.4	102.3
1981	99	101.8	102.8	102.3	102.9	100.8	99.7	89.0	102.7
1982	376	101.5	102.8	102.0	102.8	100.4	99.4	89.2	102.6
1983	681	101.3	102.7	101.8	102.6	100.2	99.3	89.2	102.4
1984	1283	101.5	102.5	101.9	102.6	100.4	99.6	88.7	102.4
1985	2818	102.0	102.6	102.4	103.1	101.1	99.9	87.3	102.9
1986	4718	102.0	102.2	102.1	102.7	100.8	100.0	87.7	102.6
1987	6923	102.9	102.4	102.7	103.1	101.5	100.2	87.6	103.1
1988	10280	103.2	102.1	102.6	103.0	101.6	100.2	87.4	103.0
1989	12248	102.8	101.9	102.3	102.6	101.2	100.1	87.4	102.6
1990	17530	102.9	102.0	102.4	102.7	101.3	100.4	87.4	102.7
1991	25973	103.2	101.2	102.2	102.2	101.2	100.3	88.9	102.4
1992	29536	103.1	101.2	102.2	102.1	101.1	100.1	89.0	102.3
1993	28383	103.2	101.4	102.4	102.4	101.3	100.1	89.3	102.6
1994	37537	102.5	101.1	101.8	101.9	100.5	100.1	89.9	102.0
1995	41547	102.0	100.8	101.2	101.4	100.0	99.5	90.1	101.4
1996	39461	101.6	100.3	100.8	100.7	99.5	99.2	90.5	100.8
1997	38542	101.2	100.0	100.4	100.2	99.1	99.5	91.1	100.3
1998	36830	101.2	100.1	100.5	100.3	99.3	99.7	91.6	100.5
1999	31502	100.8	99.7	100.1	99.9	98.8	99.4	91.8	100.0
2000	22978	101.1	99.2	100.0	99.6	99.0	99.4	92.3	99.8
2001	19743	100.8	99.5	100.2	100.0	99.1	99.1	92.6	100.1
2002	14272	100.2	99.8	100.0	99.8	98.7	98.8	93.7	99.9
2003	14110	99.2	99.7	99.3	99.2	97.8	98.6	95.2	99.2
2004	12914	98.8	99.8	99.0	98.9	97.4	98.3	95.6	98.9
2005	9940	98.9	99.8	99.3	99.2	97.8	98.5	95.2	99.2
2006	9158	98.8	99.7	99.1	99.0	97.7	98.7	95.6	99.0
2007	8207	98.4	99.9	99.1	99.0	97.6	98.5	96.4	99.0
2008	7743	98.9	99.6	99.3	99.1	98.0	98.8	96.6	99.1
2009	6436	99.0	99.9	99.6	99.4	98.3	98.7	97.1	99.4
2010	5433	99.6	99.5	99.8	99.4	98.7	98.9	97.0	99.6
2011	5044	99.3	99.5	99.6	99.3	98.6	98.8	97.6	99.4
2012	4932	99.1	99.5	99.7	99.4	98.7	99.0	97.2	99.5
2013	4594	99.3	99.6	99.8	99.5	98.8	99.1	97.4	99.7
2014	3977	99.6	100.0	100.6	100.3	99.6	99.0	97.3	100.5
2015	3297	99.6	100.5	100.9	100.8	99.8	98.9	97.6	100.9
2016	2959	99.6	100.8	101.1	101.2	100.0	98.8	98.0	101.3
2017	2279	99.5	100.8	101.2	101.3	99.9	98.3	98.2	101.3
2018	1357	99.9	101.3	101.8	102.0	100.5	98.5	98.7	102.0
2019	176	99.9	101.5	102.1	102.1	100.7	98.7	98.8	102.3

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	28	100.1	98.9	96.0	99.1	102.6
1981	39	99.4	96.1	96.0	99.5	102.8
1982	136	100.2	96.4	95.5	98.8	101.8
1983	225	100.0	97.0	95.7	98.9	102.2
1984	391	99.5	95.9	95.5	98.8	102.2
1985	807	99.3	96.0	95.5	98.7	102.2
1986	1319	99.3	96.9	95.2	98.3	101.8
1987	1967	99.3	97.1	95.0	98.1	101.6
1988	2971	98.9	97.4	95.2	98.1	101.9
1989	3416	99.0	97.6	95.0	97.7	101.5
1990	5598	99.2	97.6	94.8	97.3	101.1
1991	10996	100.3	98.4	95.3	97.9	101.0
1992	15361	100.3	98.5	95.5	97.9	101.0
1993	13801	100.6	98.8	95.8	98.5	101.6
1994	17877	100.7	97.9	95.5	97.7	101.0
1995	19775	100.9	98.1	95.1	96.9	100.7
1996	18353	100.9	98.1	95.0	96.6	100.3
1997	18231	100.8	98.6	95.0	96.6	99.9
1998	16629	100.6	97.8	95.3	97.0	99.7
1999	14371	100.4	98.0	95.2	96.7	99.2
2000	10529	100.2	97.4	95.6	97.1	99.5
2001	8828	100.3	97.6	95.4	96.9	99.0
2002	6151	100.2	97.4	95.1	96.4	98.8
2003	6034	100.5	98.3	95.3	96.5	98.7
2004	5661	100.5	98.2	95.5	96.4	98.3
2005	4302	100.6	98.2	96.0	96.9	98.5
2006	3726	100.7	98.8	96.2	97.1	98.8
2007	3084	100.7	98.8	96.4	97.3	98.8
2008	2756	100.7	98.9	96.3	97.0	98.6
2009	2196	100.1	98.8	96.7	97.5	99.2
2010	1933	100.0	99.0	96.8	97.5	98.9
2011	1712	100.1	99.0	97.3	98.0	99.2
2012	1517	100.0	99.3	97.9	98.5	99.4
2013	1324	100.6	99.6	97.8	98.4	99.4
2014	973	100.5	100.1	98.2	98.7	99.5
2015	727	100.7	99.6	98.6	99.0	99.9
2016	625	100.8	100.4	99.2	99.5	100.6
2017	497	100.7	99.2	99.5	99.8	100.6
2018	185	101.2	99.4	99.8	100.1	100.6

Tabel: 124 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	36	-288.7	-551.9	-247.7	101.3	102.3	88.8	88.8	97.2	0.0
1981	63	-295.2	-575.1	-228.6	101.6	102.7	89.0	87.8	97.3	34.0
1982	213	-298.1	-554.5	-278.8	100.6	102.6	87.7	87.9	97.3	144.0
1983	381	-298.6	-550.0	-321.2	100.8	102.4	87.6	88.1	97.4	75.0
1984	795	-301.5	-536.5	-421.3	100.8	102.4	88.1	87.7	97.5	86.0
1985	1958	-274.3	-542.9	-491.1	100.8	102.9	89.0	88.4	98.6	114.2
1986	3433	-290.9	-547.1	-564.7	100.3	102.6	88.8	88.1	98.1	105.4
1987	5235	-299.6	-556.6	-637.3	100.1	103.1	88.2	89.5	98.0	88.8
1988	8885	-299.4	-550.7	-672.8	100.3	103.0	88.1	90.0	97.9	80.8

1989	10835	-297.7	-537.1	-667.9	99.9	102.6	88.1	89.9	97.9	77.9
1990	15633	-301.4	-533.5	-677.5	99.4	102.7	88.1	89.9	97.5	73.2
1991	22467	-293.7	-502.5	-661.0	99.6	102.4	88.5	90.0	97.3	69.9
1992	25335	-289.4	-496.1	-632.9	99.6	102.3	88.6	90.2	97.2	65.9
1993	24830	-277.9	-486.1	-605.7	100.3	102.6	88.6	90.5	97.8	61.8
1994	32033	-272.3	-428.5	-619.6	99.6	102.0	88.1	89.6	97.9	41.0
1995	35779	-271.4	-412.2	-603.8	99.0	101.4	88.4	89.6	98.0	37.2
1996	33708	-264.2	-388.7	-576.4	98.6	100.8	88.4	90.5	98.0	34.7
1997	32868	-257.3	-366.6	-556.2	98.3	100.3	88.9	91.0	98.2	34.2
1998	31004	-249.7	-351.0	-568.2	98.4	100.5	88.9	91.3	98.2	32.2
1999	27021	-239.4	-331.2	-539.6	97.9	100.0	89.9	91.9	98.6	32.2
2000	20339	-221.6	-313.9	-480.1	98.3	99.8	91.1	92.9	98.7	31.4
2001	17489	-204.5	-285.8	-422.1	97.9	100.1	91.4	93.0	98.7	29.6
2002	12294	-200.5	-268.1	-419.7	97.5	99.9	91.6	93.3	98.2	23.5
2003	12059	-182.5	-229.1	-377.2	97.5	99.2	92.3	94.4	97.3	15.6
2004	11101	-167.7	-193.5	-366.1	97.2	98.9	92.4	95.0	96.9	9.2
2005	8738	-149.7	-175.3	-331.8	97.6	99.2	92.7	95.2	97.3	10.9
2006	8123	-137.2	-162.1	-287.9	97.9	99.0	93.1	95.8	97.4	9.8
2007	7009	-123.9	-143.7	-259.1	97.9	99.0	93.5	96.2	97.1	8.9
2008	6453	-117.2	-132.7	-241.1	97.7	99.1	93.8	96.0	97.8	10.6
2009	5383	-109.9	-136.8	-210.8	98.3	99.4	94.4	96.4	97.7	6.7
2010	4603	-98.0	-118.8	-194.8	98.1	99.6	94.9	97.0	98.4	6.3
2011	4237	-83.4	-103.9	-168.8	98.5	99.4	95.3	98.0	98.4	5.3
2012	4123	-72.3	-93.5	-148.3	98.9	99.5	95.5	98.3	98.8	3.7
2013	3838	-63.7	-83.3	-131.5	98.9	99.7	95.7	98.4	99.2	3.3
2014	3311	-48.2	-71.3	-108.8	99.1	100.5	96.4	98.5	99.8	3.0
2015	2615	-36.4	-63.2	-97.5	99.5	100.9	96.8	98.8	100.0	0.7
2016	2341	-22.0	-51.9	-63.6	100.2	101.3	97.0	99.0	100.1	-4.3
2017	1907	-13.1	-37.3	-53.2	100.3	101.3	97.3	99.3	100.3	-9.1
2018	891	5.3	-20.9	-18.0	100.4	102.0	99.1	100.0	100.9	-15.7

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1983	15	93.7	95.1	98.4	95.7	93.3	96.0	95.4
1984	32	92.2	92.1	98.8	96.1	90.3	95.7	95.2
1985	27	95.3	94.7	99.9	97.7	94.2	98.5	95.6
1986	33	94.1	94.8	98.8	96.2	93.8	96.6	95.9
1987	142	93.8	93.3	99.4	97.0	93.2	95.2	95.9
1988	279	94.3	93.5	99.8	97.6	93.4	95.5	95.8
1989	338	94.9	94.1	100.2	97.6	94.2	95.5	95.8
1990	482	95.1	94.2	100.4	97.6	94.4	95.7	95.7
1991	2163	92.8	93.9	97.9	94.5	94.7	95.1	97.1
1992	2380	92.7	93.9	97.8	94.3	94.8	95.2	97.0
1993	2427	92.8	94.1	98.0	94.7	93.8	95.3	96.6
1994	5636	94.2	95.8	99.6	94.5	94.9	96.8	96.0
1995	10968	95.1	97.1	99.8	94.7	95.6	97.9	95.8
1996	8281	94.6	95.8	99.8	95.3	94.2	97.7	95.7
1997	12292	94.0	94.7	99.5	95.9	93.4	96.2	95.6
1998	12413	94.3	94.7	99.7	96.6	93.0	96.2	95.4
1999	10761	94.9	95.5	100.0	96.6	93.5	96.5	95.7
2000	8407	94.9	96.2	99.4	96.4	94.1	96.6	96.0
2001	7560	95.2	96.8	99.4	96.0	95.0	97.1	96.1
2002	5367	95.4	96.8	99.3	96.5	95.0	97.4	95.2
2003	5747	96.4	97.8	99.4	97.7	95.9	96.5	96.6
2004	5627	97.5	98.6	100.1	98.5	96.7	96.5	97.1
2005	4216	98.1	99.1	100.4	98.8	97.1	96.9	97.6
2006	3772	98.4	99.4	100.3	99.0	97.5	97.1	98.3
2007	3174	98.8	100.0	100.1	99.2	98.1	97.0	98.7

2008	2863	99.0	100.1	100.2	99.3	98.3	97.2	99.0
2009	2311	98.7	100.0	99.7	99.1	98.6	97.2	99.2
2010	1946	98.6	99.7	99.6	99.2	98.4	97.6	98.7
2011	1740	98.9	100.2	99.4	99.4	99.1	97.6	98.8
2012	1581	99.4	100.8	99.7	99.5	99.7	98.0	99.0
2013	1409	99.5	101.0	99.5	99.2	99.9	98.5	99.3
2014	1106	99.6	100.9	99.8	99.3	99.8	99.3	99.3
2015	824	100.2	100.8	100.4	99.8	100.3	99.8	99.4
2016	764	101.0	101.1	101.3	100.4	100.7	100.3	99.3
2017	556	101.3	101.1	101.6	100.6	101.0	100.7	99.0
2018	185	102.0	101.6	102.1	101.0	101.6	101.2	99.0

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	29	94.3	100.3	94.3	100.3	93.2	98.6
1981	53	94.9	100.0	94.9	100.0	93.8	99.2
1982	175	94.8	100.3	94.8	100.3	93.8	99.2
1983	300	94.8	100.4	94.8	100.4	93.7	99.2
1984	587	95.1	100.2	95.1	100.2	93.9	99.4
1985	1388	96.3	100.5	96.3	100.5	95.0	100.3
1986	2339	96.1	100.1	96.1	100.1	94.8	99.8
1987	3575	96.0	100.2	96.0	100.2	94.8	100.0
1988	5696	96.1	100.1	96.1	100.1	94.9	99.9
1989	7328	96.0	100.2	96.0	100.2	94.8	99.7
1990	12474	95.9	100.0	95.9	100.0	94.7	99.3
1991	21747	95.9	100.0	95.9	100.0	95.1	99.0
1992	25538	95.6	100.1	95.6	100.1	94.8	99.0
1993	28915	95.9	100.5	95.9	100.5	95.5	99.3
1994	43044	95.9	100.6	95.9	100.6	95.8	99.2
1995	48478	96.2	100.5	96.2	100.5	95.9	99.1
1996	48876	96.3	100.5	96.3	100.5	95.8	99.4
1997	49787	96.6	100.4	96.6	100.4	96.0	99.4
1998	47844	96.6	100.4	96.6	100.4	95.8	99.2
1999	42243	97.1	100.5	97.1	100.5	96.2	99.4
2000	31291	97.4	100.5	97.4	100.5	96.1	99.9
2001	24269	97.6	100.4	97.6	100.4	96.4	100.2
2002	18092	97.5	100.0	97.5	100.0	96.2	99.8
2003	17072	97.6	98.9	97.6	98.9	96.4	99.0
2004	15539	97.6	98.3	97.6	98.3	96.7	98.5
2005	11492	97.9	98.5	97.9	98.5	97.3	98.7
2006	10197	98.1	98.5	98.1	98.5	97.5	98.6
2007	8555	98.2	98.1	98.2	98.1	97.7	98.5
2008	7951	98.8	98.5	98.8	98.5	98.2	98.7
2009	6886	98.7	98.5	98.7	98.5	98.3	98.7
2010	5863	98.9	99.0	98.9	99.0	98.7	99.1
2011	5200	99.1	99.0	99.1	99.0	99.2	99.2
2012	4953	99.4	99.2	99.4	99.2	99.5	99.4
2013	4509	99.9	99.2	99.9	99.2	100.1	99.4
2014	4063	100.3	99.7	100.3	99.7	100.5	99.8
2015	3493	100.2	99.7	100.2	99.7	100.6	100.1
2016	3434	99.8	100.3	99.8	100.3	100.5	100.4
2017	2782	99.7	100.4	99.7	100.4	100.6	100.4
2018	2068	99.6	101.3	99.6	101.3	100.4	100.8
2019	1374	99.4	101.4	99.4	101.4	100.3	100.8
2020	912	99.5	101.4	99.5	101.4	100.3	100.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	27	96.5	104.3	102.5	99.0	101.0	100.1
1981	38	97.9	103.5	100.9	93.7	95.4	94.5
1982	156	97.3	103.8	101.5	95.6	96.9	96.8
1983	286	96.6	103.8	102.3	97.9	99.3	99.0
1984	516	97.8	103.2	100.7	97.0	98.3	98.2
1985	1062	100.0	101.8	97.9	97.5	98.8	98.0
1986	1756	99.5	102.0	98.6	98.2	99.0	98.0
1987	2687	98.5	102.6	100.1	98.1	99.6	99.8
1988	3970	98.4	102.4	100.2	97.5	99.5	99.9
1989	4597	98.0	102.8	100.6	97.2	99.3	99.3
1990	7345	97.8	102.9	100.7	97.2	100.1	100.4
1991	11911	96.8	102.6	101.8	97.0	100.7	100.0
1992	13883	96.6	102.7	102.1	97.3	100.6	99.5
1993	12888	96.9	102.1	101.9	98.2	100.3	98.5
1994	18086	96.2	102.6	102.4	98.7	99.8	99.2
1995	20096	96.2	102.8	102.6	98.7	100.0	99.1
1996	20538	96.4	103.0	102.4	98.8	100.1	98.9
1997	20101	96.7	103.0	102.1	98.5	100.6	99.0
1998	18905	96.4	103.0	102.4	98.4	100.8	99.4
1999	17950	96.9	102.1	102.0	98.6	100.7	98.8
2000	13067	96.7	101.8	102.1	99.2	100.1	98.3
2001	10919	96.5	101.3	102.5	99.4	99.6	98.6
2002	7558	95.9	102.4	103.1	98.3	100.1	99.3
2003	7640	96.3	103.0	102.8	97.6	101.5	99.6
2004	7098	96.5	103.0	102.6	97.5	102.5	100.1
2005	5995	96.9	102.6	102.1	97.9	102.3	99.9
2006	5626	97.4	102.2	101.8	97.4	102.3	100.3
2007	5735	97.7	102.4	101.6	96.9	102.8	100.8
2008	5325	98.1	102.0	101.2	97.7	102.4	100.7
2009	4767	98.0	101.9	101.3	97.9	102.1	100.2
2010	3989	97.9	101.4	101.5	98.3	101.6	100.0
2011	3550	97.8	101.4	101.9	98.5	101.3	100.0
2012	3280	97.9	101.2	101.7	98.4	101.0	99.8
2013	2867	98.1	100.9	101.5	98.7	101.1	100.1
2014	2567	98.5	100.5	100.9	99.5	100.5	99.5
2015	2103	98.6	100.1	100.6	99.7	100.5	99.6
2016	1922	98.7	100.0	100.4	99.9	100.7	99.9
2017	1495	98.9	100.0	100.1	99.8	100.6	99.9
2018	1071	99.0	99.8	99.9	100.6	101.0	99.9
2019	680	99.1	99.7	99.7	101.1	100.6	99.8
2020	460	99.3	99.4	99.4	101.5	100.7	99.5

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	105.5	110.3	96.9	103.0	108.8	97.8	104.5	98.3	109.9	99.1	103.7
1981	56	105.7	111.7	96.4	103.2	109.3	97.9	104.4	98.1	110.9	99.1	104.2
1982	184	106.1	111.3	97.0	103.1	109.7	97.9	104.9	98.3	110.9	99.1	104.6
1983	313	106.1	111.2	96.8	103.4	109.6	97.6	105.1	97.9	110.8	98.7	104.9
1984	557	106.1	111.2	96.7	103.1	109.6	97.4	105.0	98.0	110.7	98.6	104.8
1985	1302	105.7	111.2	95.7	102.7	109.0	96.5	104.9	97.9	110.0	98.0	103.8
1986	2166	105.8	110.8	95.7	102.6	109.0	96.4	105.0	98.1	110.0	97.8	103.9
1987	3226	107.4	112.1	95.4	103.6	111.2	96.0	106.4	97.7	111.7	97.5	105.7

1988	5146	107.2	112.2	95.7	103.4	111.4	96.0	106.3	97.4	111.8	97.5	105.4
1989	6440	106.5	111.7	96.1	103.1	110.5	96.3	105.6	97.5	111.2	97.6	104.9
1990	10643	106.6	111.8	96.4	103.3	110.6	96.5	105.6	97.8	111.3	97.8	105.0
1991	18037	106.3	110.6	96.3	102.6	109.9	96.3	105.4	97.8	110.6	97.5	104.5
1992	23272	106.4	110.8	96.3	102.7	110.1	96.3	105.4	97.9	110.8	97.6	104.6
1993	24007	106.0	110.7	96.5	102.8	109.7	96.6	105.0	98.0	110.4	97.7	104.6
1994	32323	106.4	111.2	97.0	103.8	109.3	97.5	105.0	98.7	110.3	98.0	106.2
1995	36826	106.4	110.7	97.3	103.7	108.7	97.7	105.0	99.3	109.6	98.1	106.2
1996	40240	105.6	110.1	97.7	103.4	108.1	98.2	104.4	98.9	109.5	98.2	106.1
1997	43881	104.8	109.1	97.9	102.9	107.2	98.2	103.7	98.9	108.7	98.1	104.8
1998	38550	104.5	108.2	98.0	102.7	106.8	98.1	103.4	98.8	108.2	97.7	104.7
1999	37611	104.1	107.7	97.9	102.4	106.2	97.9	103.0	99.0	107.6	97.6	104.2
2000	25911	104.0	106.8	98.0	102.2	105.8	98.2	102.8	99.7	107.1	97.9	103.7
2001	20812	103.9	106.2	99.2	101.9	105.7	98.6	102.5	100.1	106.5	98.7	103.1
2002	16941	104.2	106.4	99.3	102.3	105.7	98.8	102.9	100.1	106.3	98.8	103.4
2003	15648	103.7	105.8	99.3	102.2	104.9	98.9	102.3	100.6	105.7	98.7	103.0
2004	14458	103.5	105.4	99.0	102.3	104.4	98.7	102.1	100.9	105.4	98.2	103.2
2005	10922	103.1	104.9	99.2	101.9	104.2	98.8	101.7	100.6	105.2	98.3	102.9
2006	9608	102.9	104.4	99.3	101.6	103.8	98.8	101.5	100.9	104.6	98.7	102.2
2007	7639	102.6	104.2	99.5	101.3	103.5	99.0	101.3	100.8	104.3	98.9	101.8
2008	6622	102.4	103.7	99.6	101.1	103.3	99.1	101.3	100.5	103.9	99.1	101.5
2009	5689	102.0	103.8	99.2	101.4	103.0	99.5	101.0	100.2	103.9	99.3	101.3
2010	4396	101.7	103.2	99.5	100.8	102.8	99.4	100.9	99.9	103.6	99.2	100.9
2011	3265	101.5	102.5	99.7	100.3	102.5	99.4	100.8	99.9	103.2	99.2	100.7
2012	2312	101.8	102.8	99.5	100.3	102.9	99.2	101.1	99.6	103.5	99.1	100.8
2013	1840	102.0	102.6	99.6	100.3	103.1	99.1	101.4	99.6	103.5	99.3	101.0
2014	1308	102.2	102.2	100.3	100.4	103.0	99.0	101.7	99.6	103.0	99.8	100.7
2015	928	102.1	101.9	100.4	100.4	102.7	99.2	101.6	99.8	102.7	100.0	100.5
2016	838	102.0	102.5	100.1	100.5	103.0	99.1	101.7	99.1	103.0	99.9	100.7
2017	654	102.1	102.9	99.8	101.1	103.0	99.1	101.9	99.0	103.1	99.8	101.0
2018	209	102.1	102.7	100.2	101.3	102.8	99.4	102.0	99.1	102.8	100.5	100.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	28	98.4	99.5	98.7
1981	52	98.7	99.7	99.3
1982	174	98.5	99.2	99.3
1983	299	98.3	99.2	99.1
1984	572	98.5	99.3	99.5
1985	1363	98.8	99.5	99.9
1986	2301	98.5	99.2	99.8
1987	3521	98.6	99.2	99.7
1988	5602	98.5	99.2	99.7
1989	7157	98.3	99.0	99.5
1990	12205	98.0	98.9	99.5
1991	21041	97.8	98.8	99.5
1992	24776	97.4	98.6	99.5
1993	29808	97.2	98.6	99.4
1994	46493	97.8	99.1	99.4
1995	53031	98.1	99.3	99.5
1996	54284	98.0	99.3	98.9
1997	55533	98.0	99.2	98.7
1998	54069	97.8	99.0	98.9
1999	48007	98.2	99.3	99.2
2000	35814	98.0	99.2	99.3
2001	27624	98.4	99.2	99.5
2002	21002	98.5	99.3	99.4
2003	19763	99.0	99.7	99.3

2004	17940	99.4	99.9	99.4
2005	13257	99.8	100.1	99.9
2006	11648	99.9	100.2	99.9
2007	9799	100.2	100.3	99.7
2008	9314	99.8	99.9	99.8
2009	8216	99.8	99.8	99.8
2010	7049	99.4	99.5	99.5
2011	6288	99.7	99.9	99.3
2012	6082	99.9	100.1	99.3
2013	5498	100.1	100.3	98.9
2014	5016	99.6	99.7	99.1
2015	4542	99.5	99.8	99.3
2016	4469	99.9	100.2	99.2
2017	3730	100.4	100.6	99.3
2018	3048	100.5	100.6	99.6
2019	2358	100.6	100.6	99.7
2020	1590	100.3	100.5	99.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17492	-3604.0	-14408.9	-614.7	-516.0
2002	12304	-3549.7	-14153.7	-604.5	-508.8
2003	12067	-3219.9	-13057.3	-542.6	-463.9
2004	11122	-3062.8	-12542.9	-512.7	-442.6
2005	8756	-2822.2	-11581.4	-473.6	-407.2
2006	8153	-2543.0	-10432.3	-427.8	-366.3
2007	7041	-2324.8	-9642.1	-389.0	-335.6
2008	6495	-2187.7	-9028.9	-369.7	-314.1
2009	5446	-2032.2	-8329.2	-346.1	-290.6
2010	4668	-1873.6	-7655.4	-322.4	-266.3
2011	4290	-1672.5	-6837.9	-287.9	-237.6
2012	4152	-1518.9	-6201.9	-263.0	-215.1
2013	3892	-1375.5	-5656.2	-240.1	-193.6
2014	3351	-1196.1	-4883.7	-213.9	-165.9
2015	2649	-1088.0	-4529.3	-197.0	-149.3
2016	2411	-834.0	-3519.3	-151.3	-114.2
2017	1955	-723.1	-3045.6	-133.5	-97.8
2018	899	-439.6	-1872.9	-84.9	-57.5

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

Jaar	Aantal	Eff	Int	Gewen
1982	29	98.4	91.2	103.4
1983	43	98.9	90.3	103.2
1984	68	97.5	90.3	102.8
1985	141	97.1	92.5	102.3
1986	210	96.8	92.4	102.4
1987	309	97.3	91.2	102.3
1988	438	97.3	90.4	102.4
1989	441	97.3	89.8	102.5
1990	550	97.3	88.7	102.4
1991	1237	98.2	89.0	102.8
1992	1567	98.3	88.3	102.8

1993	1491	98.6	87.8	102.9
1994	2204	98.5	83.4	103.6
1995	2608	98.6	83.2	103.3
1996	2478	99.0	83.5	103.4
1997	2868	98.7	84.5	103.3
1998	2700	98.8	84.5	103.0
1999	2528	98.6	84.9	103.0
2000	2038	98.6	85.7	102.6
2001	1919	98.8	86.1	102.2
2002	1480	98.8	86.8	102.1
2003	1628	98.8	88.2	102.2
2004	1633	98.8	88.8	102.3
2005	1323	99.4	89.1	102.4
2006	1378	99.4	89.9	102.1
2007	1215	99.3	90.7	102.0
2008	1164	99.4	90.9	101.8
2009	1194	98.7	91.0	101.8
2010	1183	98.9	91.5	101.4
2011	1098	99.1	93.4	100.9
2012	1086	99.0	94.8	100.8
2013	1034	99.6	96.3	100.4
2014	834	99.9	97.6	100.5
2015	672	99.9	99.4	100.2
2016	626	99.9	100.6	100.4
2017	491	100.2	100.9	100.1
2018	274	100.2	100.5	99.9

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	97.8	97.9	0	0.0	0.0	0	0.0
1981	63	96.8	97.6	1	-2.9	34.0	0	0.0
1982	213	97.5	97.5	1	-5.9	144.0	0	0.0
1983	381	97.5	97.7	2	-4.8	75.0	0	0.0
1984	795	97.1	97.5	3	-4.1	86.0	0	0.0
1985	1958	96.9	97.5	2280	-5.3	114.2	0	0.0
1986	3433	96.6	97.3	3830	-5.2	105.4	0	0.0
1987	5235	96.3	97.3	5611	-5.0	88.8	0	0.0
1988	8885	96.8	97.4	9054	-4.9	80.8	0	0.0
1989	10835	97.0	97.5	10888	-4.7	77.9	0	0.0
1990	15633	97.1	97.2	15711	-4.6	73.2	0	0.0
1991	22467	96.9	97.2	22738	-4.4	69.9	0	0.0
1992	25335	97.2	97.3	25720	-4.3	65.9	0	0.0
1993	24830	97.0	97.3	24857	-4.2	61.8	0	0.0
1994	32033	97.0	97.6	32047	-3.4	41.0	0	0.0
1995	35779	96.9	97.5	35793	-3.3	37.2	0	0.0
1996	33708	97.1	97.3	33723	-3.1	34.7	0	0.0
1997	32868	97.5	97.2	32888	-2.9	34.2	0	0.0
1998	31004	97.4	97.2	31016	-2.8	32.2	0	0.0
1999	27021	97.4	97.1	27031	-2.7	32.2	0	0.0
2000	20339	97.9	97.5	20353	-2.5	31.4	0	0.0
2001	17489	98.6	97.6	17497	-2.3	29.6	9246	98.4
2002	12294	98.5	97.4	12297	-2.1	23.5	6397	99.3
2003	12059	98.9	98.0	12076	-1.7	15.6	6335	99.8
2004	11101	99.1	98.3	11120	-1.4	9.2	5915	100.5
2005	8738	99.4	98.4	8751	-1.3	10.9	4549	99.9
2006	8123	100.1	98.9	8144	-1.2	9.8	4030	99.9
2007	7009	100.4	99.2	7028	-1.1	8.9	3331	100.0
2008	6453	100.3	99.0	6473	-1.0	10.6	3005	99.7

2009	5383	100.1	99.2	5414	-1.0	6.7	2434	100.2
2010	4603	100.2	98.8	4626	-0.9	6.3	2105	99.9
2011	4237	100.5	98.9	4266	-0.8	5.3	1900	99.9
2012	4123	100.7	99.0	4134	-0.7	3.7	1709	100.0
2013	3838	100.8	98.9	3861	-0.6	3.3	1539	100.0
2014	3311	101.1	98.7	3328	-0.6	3.0	1201	100.3
2015	2615	101.1	98.9	2637	-0.5	0.7	922	100.5
2016	2341	101.7	98.9	2384	-0.3	-4.3	836	101.0
2017	1907	102.1	98.8	1957	-0.1	-9.1	664	101.8
2018	891	102.3	98.8	941	0.1	-15.7	216	102.1
2019	0	0.0	0.0	78	0.3	-11.0	0	0.0
2020	0	0.0	0.0	40	0.2	-11.1	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	98.3
1981	18	99.9	1	99.0	1	98.0	18	98.2
1982	76	100.0	0	0.0	0	0.0	76	97.9
1983	109	100.0	0	0.0	0	0.0	109	98.1
1984	177	99.9	1	100.0	1	95.0	177	97.2
1985	341	100.0	0	0.0	0	0.0	341	96.9
1986	546	100.0	2	99.0	2	97.0	546	97.0
1987	763	100.0	0	0.0	0	0.0	763	97.4
1988	1114	100.0	0	0.0	0	0.0	1114	97.7
1989	1250	100.0	1	98.0	1	96.0	1250	97.4
1990	1965	99.9	11	98.9	10	98.2	1965	97.3
1991	3377	99.7	50	97.4	41	99.7	3377	96.4
1992	3958	99.7	41	97.2	32	100.0	3958	96.2
1993	3809	99.7	53	97.2	48	100.0	3809	96.3
1994	5408	99.5	139	100.6	137	97.2	5408	96.0
1995	6353	100.2	234	102.0	231	97.7	6353	96.4
1996	6290	100.0	180	101.7	181	97.9	6290	96.3
1997	7010	99.2	237	99.7	236	98.5	7010	95.6
1998	6955	99.2	171	99.1	167	99.3	6955	95.2
1999	6741	99.5	195	100.2	196	99.6	6741	95.6
2000	5562	100.0	159	101.4	160	100.2	5562	96.5
2001	5541	100.4	159	101.7	157	100.3	5541	96.8
2002	4369	100.5	155	102.0	148	100.1	4369	96.9
2003	4802	99.8	177	100.7	174	100.5	4802	97.1
2004	4972	99.2	189	99.6	183	100.5	4972	96.6
2005	4322	99.0	169	99.6	171	100.1	4321	96.8
2006	4391	99.0	144	99.3	146	100.3	4391	97.0
2007	4237	98.9	140	98.8	147	100.8	4237	97.1
2008	4408	99.4	125	99.8	129	100.8	4408	97.3
2009	4210	99.8	106	99.9	107	101.0	4210	98.1
2010	4142	99.8	83	100.1	84	100.9	4142	98.1
2011	3837	99.7	92	100.6	93	101.1	3837	98.2
2012	3658	99.4	65	100.7	71	101.1	3658	98.4
2013	3428	99.4	62	100.1	66	101.2	3428	98.5
2014	2944	99.6	41	100.4	45	101.0	2944	99.3
2015	2341	99.9	24	99.9	34	100.6	2341	100.1
2016	2109	99.9	12	100.3	23	100.5	2109	100.8
2017	1649	100.1	3	102.3	12	100.5	1649	101.2
2018	767	100.2	0	0.0	7	100.3	767	101.7

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1983	18	100.3	99.7	102.9	99.6	99.0	99.9
1984	19	99.6	99.0	102.1	98.4	98.6	99.8
1985	13	100.3	99.4	102.2	98.9	99.5	100.4
1986	21	99.5	98.5	101.4	98.8	98.8	99.1
1987	24	99.9	99.1	102.0	99.0	99.4	99.6
1988	70	100.8	100.0	102.6	99.5	100.1	100.9
1989	71	101.2	100.5	102.8	99.8	100.3	101.0
1990	89	101.0	100.4	102.5	99.8	100.3	100.8
1991	310	101.2	101.0	102.3	100.3	100.0	99.9
1992	296	101.3	101.1	102.4	100.3	100.0	100.1
1993	300	101.2	101.1	102.4	100.2	100.0	99.9
1994	650	101.4	101.3	103.1	100.0	99.9	100.8
1995	849	100.5	100.2	102.4	99.2	99.7	100.0
1996	843	99.7	99.2	101.6	98.6	99.3	99.2
1997	1006	99.4	99.0	101.0	98.5	99.2	99.0
1998	911	99.4	98.9	101.1	98.7	98.9	98.9
1999	849	99.4	98.9	101.1	98.6	98.9	98.9
2000	723	99.5	99.1	101.2	98.7	98.6	99.0
2001	726	100.1	99.9	101.8	98.9	99.4	99.8
2002	569	99.8	99.4	101.4	98.8	99.3	99.5
2003	649	99.8	100.0	100.7	98.5	99.5	99.9
2004	636	100.0	100.6	100.6	98.5	99.7	100.1
2005	546	100.0	100.5	100.4	98.7	100.1	99.8
2006	568	100.9	101.7	101.0	99.4	100.6	100.7
2007	548	101.0	101.8	101.1	99.2	100.9	100.9
2008	529	101.1	101.8	101.3	99.3	100.7	101.0
2009	430	101.3	101.9	101.5	99.6	100.7	101.1
2010	389	100.9	101.4	101.1	99.5	100.3	100.9
2011	435	100.4	100.7	100.5	99.4	99.8	100.1
2012	375	100.1	100.3	100.2	99.2	99.5	99.7
2013	294	100.1	100.4	100.0	99.4	99.4	99.8
2014	222	100.0	99.9	100.2	99.4	99.6	99.6
2015	178	99.9	99.4	100.3	99.3	99.4	99.8
2016	110	100.0	99.4	100.3	99.4	99.8	99.8
2017	78	100.1	99.7	100.4	99.5	99.5	99.9
2018	31	99.9	99.5	100.7	99.2	99.9	99.6

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	635	-1120.6	-50.0	-56.8	-57.9	0.1	-29.0	-11.8	-355.3
1981	828	-1122.4	-46.3	-56.9	-57.9	7.2	-29.0	-11.8	-347.7
1982	4076	-1115.9	-48.5	-56.6	-57.6	2.5	-28.9	-11.9	-351.2
1983	7394	-1098.4	-46.7	-55.0	-56.8	4.6	-27.0	-11.8	-340.8
1984	7742	-1102.6	-45.9	-54.6	-57.0	6.8	-25.7	-11.8	-337.2
1985	11157	-1206.3	-44.3	-56.0	-61.8	18.9	-21.5	-12.0	-341.3
1986	22219	-1166.5	-44.4	-54.2	-60.0	15.4	-20.5	-12.0	-333.4
1987	32094	-1193.9	-46.9	-54.5	-61.2	13.0	-19.2	-12.0	-340.3
1988	34065	-1230.4	-47.4	-54.8	-62.9	15.4	-17.3	-12.1	-343.3
1989	50362	-1115.8	-45.4	-49.9	-57.6	9.2	-15.7	-11.9	-317.0
1990	50979	-1069.5	-44.2	-48.4	-55.5	7.3	-16.1	-11.8	-308.1
1991	41799	-1023.5	-41.0	-46.4	-53.4	9.3	-15.5	-11.8	-292.7
1992	36167	-984.2	-38.9	-44.9	-51.6	10.0	-15.2	-11.7	-281.2

1993	38944	-870.9	-35.1	-40.5	-46.5	7.6	-14.4	-11.6	-253.6
1994	33532	-734.9	-28.0	-35.4	-40.3	9.1	-14.1	-11.5	-216.3
1995	30686	-619.0	-22.5	-31.9	-35.0	9.6	-15.0	-11.3	-188.8
1996	23481	-530.0	-19.8	-29.1	-31.0	7.4	-15.5	-11.2	-170.3
1997	16362	-440.9	-14.9	-24.7	-26.9	9.0	-13.5	-11.1	-140.6
1998	10201	-439.7	-14.3	-24.2	-26.9	9.9	-12.6	-11.1	-137.1
1999	6946	-393.8	-10.9	-22.2	-24.8	11.8	-12.1	-11.1	-121.5
2000	4915	-341.1	-11.7	-21.0	-22.0	6.6	-13.1	-10.3	-117.3
2001	4276	-232.8	-10.3	-17.6	-14.0	1.4	-13.7	-5.2	-97.9
2002	2993	-178.6	-6.3	-14.7	-11.2	3.9	-12.2	-4.6	-77.0
2003	2732	-123.2	-4.2	-12.1	-9.6	3.0	-11.2	-6.1	-61.2
2004	2473	-72.3	-0.6	-9.6	-7.1	5.2	-10.1	-5.8	-42.8
2005	2094	-52.4	-1.6	-8.7	-6.4	2.1	-9.9	-6.1	-40.9
2006	2298	99.9	3.6	-2.6	0.4	-0.3	-9.0	-6.3	-3.2
2007	2311	86.6	5.0	-2.7	-0.3	2.7	-8.3	-6.5	-0.4
2008	2404	150.4	8.1	-0.2	2.3	3.0	-8.0	-6.9	17.0
2009	1904	170.1	8.6	1.2	2.6	2.3	-7.1	-7.9	23.7
2010	1795	240.1	10.0	3.1	5.5	-0.1	-7.9	-8.2	35.6
2011	1728	316.2	13.9	6.3	8.9	0.9	-7.3	-8.3	57.6
2012	1813	369.1	16.9	8.3	11.4	1.9	-7.0	-8.3	73.1
2013	2051	378.8	16.9	10.6	12.8	1.0	-4.3	-6.8	82.9
2014	1813	445.5	19.2	12.5	15.1	0.2	-4.9	-7.9	96.3
2015	2055	430.7	20.0	11.3	13.2	2.5	-5.9	-9.6	92.4
2016	1402	459.9	21.3	13.4	15.5	2.4	-4.4	-8.3	104.6
2017	1095	491.8	22.9	14.6	16.9	2.5	-4.4	-8.3	113.2
2018	502	535.8	24.5	15.1	19.0	2.0	-6.1	-8.0	119.2

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	735	95.7	90.9	97.0	99.7	98.2	93.7	96.8
1981	1184	94.8	90.8	96.0	98.6	98.6	94.3	96.4
1982	4728	95.9	91.8	96.9	99.2	99.1	94.3	96.8
1983	8346	95.5	92.3	97.1	98.9	99.2	94.1	96.7
1984	7332	95.2	92.7	96.8	98.5	99.7	94.6	96.9
1985	9016	94.5	92.1	96.3	97.8	99.6	94.4	95.4
1986	16102	94.7	92.2	96.7	98.5	99.2	93.6	95.4
1987	21779	95.3	93.1	97.2	98.5	99.5	93.9	96.7
1988	19366	95.3	93.5	97.1	98.2	99.9	94.4	97.0
1989	27469	95.7	95.0	97.4	98.1	100.1	95.4	97.6
1990	27549	95.8	95.0	97.2	98.0	99.9	95.3	97.7
1991	22745	96.6	94.2	97.9	98.8	99.2	94.8	97.7
1992	19755	96.8	94.1	98.2	99.1	99.2	94.4	97.7
1993	20685	97.4	94.4	98.6	99.8	98.7	94.6	98.3
1994	16996	97.7	95.1	99.8	100.7	98.5	94.1	98.7
1995	15462	98.0	95.0	101.0	102.1	97.6	94.8	97.9
1996	11414	98.9	94.6	101.6	102.6	97.5	94.8	98.2
1997	7354	98.8	94.7	101.8	103.1	97.1	95.0	97.7
1998	3905	99.2	94.7	102.2	103.2	97.2	94.6	97.7
1999	2707	99.3	94.9	102.1	103.2	96.9	94.7	97.9
2000	1701	99.9	94.8	101.6	102.8	97.0	94.5	98.0
2001	1487	100.0	95.4	101.7	102.9	97.0	95.0	97.9
2002	1006	100.1	95.7	102.0	103.2	97.3	94.9	97.9
2003	955	100.9	96.3	102.7	103.9	97.3	95.5	98.1
2004	906	101.4	96.4	103.0	104.2	96.9	95.6	98.1
2005	721	101.9	96.9	103.3	104.2	97.3	95.5	98.0
2006	761	101.8	96.3	103.2	104.5	96.3	96.0	97.9
2007	783	101.5	96.4	102.2	103.5	96.6	96.5	98.6

2008	889	102.0	96.8	102.7	103.9	96.8	96.2	98.9
2009	754	102.5	97.0	103.2	104.3	96.8	96.3	98.3
2010	736	102.6	96.9	103.2	104.4	96.7	96.2	98.6
2011	704	102.5	97.1	103.4	104.8	96.7	96.4	98.9
2012	644	102.7	97.3	103.5	104.6	96.9	96.0	98.8
2013	706	102.7	97.1	103.6	105.5	96.1	96.3	98.6
2014	683	103.1	96.9	103.2	105.0	96.1	96.4	99.3
2015	819	103.9	96.5	103.0	105.6	96.0	96.7	99.1
2016	534	103.6	96.8	103.6	105.6	96.1	96.5	99.1
2017	371	103.4	97.1	103.7	105.5	96.2	96.4	99.3
2018	115	104.5	96.9	104.3	106.0	96.1	96.4	99.6

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	735	90.8	101.1	97.6	89.2	89.8
1981	1184	91.3	100.4	97.7	89.4	90.4
1982	4728	91.7	100.8	97.1	89.8	90.8
1983	8346	91.9	101.2	97.2	89.9	90.7
1984	7332	91.8	101.3	96.7	90.3	91.1
1985	9016	92.4	99.8	97.7	91.0	91.7
1986	16102	92.7	101.3	96.7	91.3	91.8
1987	21779	94.1	101.4	96.1	91.4	93.9
1988	19366	94.3	100.7	96.5	91.6	94.1
1989	27469	93.6	100.2	97.2	91.7	93.4
1990	27549	93.7	99.8	97.4	91.7	93.2
1991	22745	94.0	100.8	96.8	91.6	93.6
1992	19755	94.2	101.0	96.7	91.9	93.8
1993	20685	94.4	102.0	96.7	92.6	94.0
1994	16996	94.2	102.4	95.8	92.4	94.0
1995	15462	94.0	102.5	95.3	92.0	94.1
1996	11414	95.0	101.8	96.0	92.3	95.2
1997	7354	94.9	102.3	95.8	92.2	94.8
1998	3905	95.0	103.1	95.5	92.2	94.9
1999	2707	95.4	103.0	95.6	92.4	95.5
2000	1701	96.6	102.4	96.4	92.9	96.6
2001	1487	96.5	102.2	96.9	93.2	96.5
2002	1006	97.1	102.3	97.3	94.0	97.2
2003	955	97.1	101.8	97.7	94.5	97.5
2004	906	97.4	101.9	97.7	94.9	97.9
2005	721	97.6	101.7	98.2	94.6	98.2
2006	761	97.8	102.0	97.8	94.9	98.4
2007	783	98.1	101.1	98.4	95.2	99.1
2008	889	97.9	100.9	98.4	94.8	98.8
2009	754	98.1	100.9	98.7	94.8	99.0
2010	736	98.6	100.8	98.9	95.3	99.6
2011	704	99.2	100.9	99.0	95.2	100.5
2012	644	99.4	100.7	99.1	95.0	100.8
2013	706	99.2	100.7	99.5	94.8	100.9
2014	683	99.7	100.2	99.5	95.6	101.3
2015	819	99.6	100.1	99.9	92.3	100.7
2016	534	100.0	100.4	99.9	90.9	101.3
2017	371	100.1	100.3	99.6	87.4	101.7
2018	115	100.4	100.2	99.8	90.7	101.9

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	735	98.5	94.3	99.5	99.5	98.1	96.6	93.8
1981	1184	98.7	94.2	99.3	99.4	97.8	97.6	94.4
1982	4728	98.8	94.7	99.0	99.6	98.6	97.6	94.7
1983	8346	98.5	94.6	99.4	99.4	98.3	97.6	94.5
1984	7332	98.4	94.5	100.1	99.1	98.2	98.1	95.0
1985	9016	99.2	95.5	100.3	99.6	98.8	99.3	95.8
1986	16102	99.6	95.7	100.5	99.4	99.2	98.9	95.7
1987	21779	99.1	96.3	101.8	99.0	98.9	98.3	95.6
1988	19366	98.9	96.5	102.1	98.9	98.6	98.3	95.5
1989	27469	98.3	96.0	99.4	97.9	97.6	96.8	94.1
1990	27549	98.4	96.4	99.5	98.4	97.9	97.3	94.6
1991	22745	99.3	96.6	99.6	99.1	98.6	97.4	95.0
1992	19755	99.5	97.4	99.9	99.4	99.0	97.8	95.7
1993	20685	99.9	98.1	99.4	99.5	98.6	98.5	96.3
1994	16996	100.1	98.6	99.6	99.4	98.6	99.3	97.0
1995	15462	100.5	99.3	99.0	99.0	99.3	99.7	97.6
1996	11414	100.4	100.1	99.1	99.0	99.8	100.3	98.4
1997	7354	99.9	99.8	99.2	98.7	100.0	100.1	97.9
1998	3905	99.7	99.7	99.4	98.9	100.1	100.5	98.1
1999	2707	100.3	100.3	99.2	99.5	101.1	101.2	99.0
2000	1701	100.7	100.3	100.4	100.2	101.6	101.6	99.5
2001	1487	100.8	100.4	100.2	100.2	101.7	101.0	99.0
2002	1006	100.9	100.9	99.3	100.3	101.5	101.7	99.7
2003	955	100.9	101.1	99.4	100.8	102.0	101.7	99.7
2004	906	101.4	101.7	99.1	101.1	102.5	102.2	100.4
2005	721	101.4	101.9	99.9	101.1	102.6	102.3	100.5
2006	761	101.3	101.2	99.9	101.1	103.2	102.0	100.1
2007	783	101.4	102.1	100.4	101.3	104.1	103.0	101.3
2008	889	101.1	102.0	100.0	101.2	103.9	103.5	101.7
2009	754	101.7	102.7	99.4	101.7	104.0	103.4	101.7
2010	736	102.0	103.0	99.3	102.2	104.4	103.6	102.0
2011	704	102.2	102.7	99.8	101.9	104.3	103.3	101.7
2012	644	102.3	102.9	99.3	102.0	104.5	103.7	102.5
2013	706	102.0	104.2	99.6	101.8	105.8	104.4	103.6
2014	683	103.3	104.1	99.0	103.0	105.6	104.1	103.2
2015	819	104.1	104.2	98.2	103.5	105.0	103.9	103.1
2016	534	103.8	104.5	98.4	103.6	105.8	104.5	103.8
2017	371	103.7	104.7	98.7	103.5	106.2	104.9	103.9
2018	115	104.4	104.9	98.4	104.2	106.8	105.3	104.1

Tabel: 139 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	735	91.0	96.3	98.6	89.3	93.8	90.3
1981	1184	90.7	95.6	98.7	89.7	94.4	90.4
1982	4728	91.5	96.9	99.1	90.0	94.6	91.2
1983	8346	91.6	97.0	98.8	90.1	95.2	91.1
1984	7332	92.0	97.1	98.6	90.2	95.8	91.2
1985	9016	90.8	96.0	99.6	90.5	95.3	91.4
1986	16102	90.5	96.3	99.7	90.7	94.6	91.5
1987	21779	91.8	97.2	99.2	92.8	95.8	92.9
1988	19366	92.3	97.4	98.9	93.1	96.6	93.1
1989	27469	93.8	98.1	97.9	92.5	97.7	92.7

1990	27549	93.7	97.8	98.3	92.3	97.7	92.8
1991	22745	93.4	97.8	99.0	92.6	96.4	93.3
1992	19755	93.3	98.0	99.4	92.9	96.1	93.6
1993	20685	93.9	98.3	99.7	93.0	95.5	94.0
1994	16996	94.5	99.1	99.7	92.9	95.6	94.3
1995	15462	94.7	99.2	100.0	93.0	95.1	94.6
1996	11414	94.9	99.4	100.2	94.1	95.2	95.3
1997	7354	94.9	99.4	100.0	93.7	94.9	95.0
1998	3905	94.7	99.4	100.1	93.8	94.7	95.1
1999	2707	94.9	99.3	100.9	94.4	94.7	95.9
2000	1701	94.7	99.1	101.5	95.7	94.9	96.8
2001	1487	95.1	99.3	101.5	95.7	95.0	96.9
2002	1006	95.2	99.7	101.5	96.5	95.3	97.5
2003	955	96.0	100.2	102.0	96.7	95.7	98.1
2004	906	96.2	100.2	102.4	97.1	95.5	98.6
2005	721	96.3	100.4	102.4	97.5	95.9	98.9
2006	761	96.3	99.8	102.6	97.6	95.3	99.0
2007	783	96.7	99.8	103.1	98.4	95.5	99.7
2008	889	97.0	100.2	102.9	98.0	95.7	99.6
2009	754	96.9	100.3	103.3	98.3	95.9	100.0
2010	736	97.0	100.3	103.8	98.9	95.8	100.6
2011	704	97.3	100.7	103.7	99.7	95.8	101.1
2012	644	97.2	100.7	103.7	100.0	96.1	101.2
2013	706	97.2	100.7	104.1	100.1	95.2	101.5
2014	683	97.5	100.6	104.9	100.5	95.5	102.2
2015	819	97.4	100.9	105.1	100.1	95.3	102.1
2016	534	97.5	100.9	105.4	100.8	95.4	102.6
2017	371	97.6	100.8	105.6	100.9	95.6	102.9
2018	115	97.7	100.9	106.4	101.2	95.5	103.5

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1565	99.9	100.7	98.9	99.0	99.2	100.7	95.1	98.9
1981	2676	100.3	101.0	99.3	99.5	99.8	101.1	94.2	99.4
1982	9124	100.2	100.8	99.1	99.3	99.5	101.4	94.4	99.1
1983	15754	100.0	100.5	99.0	99.0	99.2	100.9	94.5	98.9
1984	14679	100.2	100.4	99.2	99.1	99.5	101.4	93.9	99.0
1985	17825	100.4	100.5	99.4	99.4	99.8	101.2	92.7	99.3
1986	31683	100.4	100.3	99.2	99.3	99.7	101.0	92.9	99.2
1987	42192	101.7	100.1	99.7	99.4	100.6	101.7	93.3	99.5
1988	39882	101.7	99.9	99.6	99.3	100.5	101.7	92.7	99.4
1989	57322	100.1	99.4	98.1	98.0	98.4	100.2	92.6	97.9
1990	57726	100.2	99.2	98.1	97.8	98.4	100.2	92.5	97.8
1991	48464	100.3	99.1	98.3	97.9	98.6	100.6	94.0	97.9
1992	42522	100.7	99.1	98.6	98.1	99.1	101.1	94.5	98.2
1993	45068	100.7	99.4	98.9	98.5	99.4	101.3	95.0	98.6
1994	39438	100.2	99.2	98.5	98.2	99.0	101.6	95.7	98.2
1995	36005	99.7	98.7	98.1	97.5	98.6	101.1	96.3	97.6
1996	27738	99.7	98.7	98.2	97.5	98.7	101.1	97.4	97.7
1997	19525	99.3	97.9	97.6	96.6	98.1	101.0	97.6	96.9
1998	12471	99.0	98.4	97.6	96.9	98.0	100.8	97.9	97.1
1999	8475	98.5	98.2	97.3	96.7	97.7	100.7	98.1	96.8
2000	5824	98.6	98.1	97.3	96.7	97.8	100.7	98.4	96.9
2001	5057	98.7	98.4	97.7	97.1	98.0	100.4	98.3	97.2
2002	3653	98.3	98.5	97.5	97.0	97.8	100.2	98.9	97.1
2003	3366	97.7	98.4	97.1	96.5	97.1	99.5	100.2	96.6
2004	3023	97.7	98.6	97.3	96.8	97.3	99.6	100.7	96.8
2005	2488	97.6	98.9	97.4	97.1	97.4	99.7	100.8	97.1

2006	2722	97.4	98.3	97.2	96.5	97.3	100.1	101.1	96.7
2007	2850	97.4	98.4	97.3	96.7	97.3	100.0	101.8	96.8
2008	2976	97.6	98.4	97.3	96.7	97.4	100.1	102.0	96.8
2009	2363	97.4	98.7	97.5	96.9	97.6	100.2	102.4	97.1
2010	2186	97.8	98.6	97.7	97.0	97.8	100.2	102.5	97.2
2011	2152	97.3	98.4	97.2	96.6	97.3	99.7	102.9	96.7
2012	2234	97.2	98.6	97.5	96.9	97.4	99.4	103.0	97.0
2013	2498	98.1	98.3	98.0	97.1	98.4	100.6	102.6	97.4
2014	2174	98.1	98.4	98.2	97.3	98.4	100.0	103.5	97.6
2015	2554	98.9	98.5	99.0	97.8	99.2	100.6	103.9	98.3
2016	1804	98.6	98.6	98.8	97.8	99.1	100.8	103.8	98.1
2017	1391	98.3	98.7	98.7	97.8	98.9	100.5	103.7	98.1
2018	881	98.6	99.1	99.1	98.3	99.3	100.7	103.9	98.6
2019	123	98.4	99.3	99.3	98.5	99.3	100.5	103.7	98.7

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	359	98.5	96.7	94.4	102.0	102.3
1981	515	97.5	90.4	95.1	102.7	103.3
1982	2028	97.9	93.8	95.1	102.5	102.8
1983	3710	98.2	93.2	94.7	102.2	102.5
1984	3358	97.6	94.3	94.6	102.1	102.4
1985	4325	97.6	94.0	94.3	101.8	102.4
1986	8486	97.2	95.0	94.2	101.7	102.1
1987	12122	96.9	95.3	93.9	101.2	101.8
1988	10985	97.0	95.7	93.8	101.0	101.8
1989	16343	98.9	96.9	93.8	100.6	100.6
1990	17164	98.8	97.1	93.9	100.5	100.6
1991	18148	99.3	97.4	93.9	100.6	100.5
1992	19598	99.0	97.3	93.9	100.5	100.7
1993	20321	99.7	97.5	94.4	101.1	100.9
1994	16565	99.4	96.8	94.3	100.9	100.8
1995	14888	99.5	97.3	93.7	99.8	100.4
1996	10966	99.7	97.6	93.7	99.7	100.4
1997	7024	98.9	97.7	93.8	99.7	100.1
1998	3670	98.6	97.0	94.2	100.1	100.1
1999	2529	98.7	97.0	93.9	99.8	99.6
2000	1583	98.2	97.2	94.4	100.3	100.0
2001	1418	98.4	96.7	93.9	99.7	99.2
2002	961	99.0	97.5	94.6	100.1	99.9
2003	893	99.1	97.9	94.2	99.7	99.4
2004	817	99.0	97.8	94.6	99.7	99.4
2005	664	98.9	97.4	94.4	99.5	99.3
2006	697	99.2	98.1	94.4	99.6	99.1
2007	706	99.2	98.8	95.1	100.1	99.8
2008	772	99.5	98.3	95.0	99.9	99.4
2009	622	98.8	98.1	95.3	100.0	99.5
2010	640	98.7	98.7	95.7	100.3	99.6
2011	602	98.9	98.5	95.9	100.3	99.6
2012	523	99.1	99.4	96.2	100.6	99.7
2013	561	98.9	98.9	96.7	101.0	100.3
2014	524	99.2	99.5	96.3	100.6	99.6
2015	672	100.8	100.6	95.4	100.0	98.8
2016	407	99.7	99.9	96.7	101.1	100.0
2017	319	99.7	100.4	97.3	101.5	100.5
2018	110	99.6	100.7	97.6	101.7	100.4

Tabel: 142 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	635	-181.8	-355.3	69.3	102.4	98.9	98.6	89.3	96.5	75.0
1981	828	-159.0	-347.7	79.6	103.4	99.4	98.7	89.7	97.1	75.0
1982	4076	-170.6	-351.2	39.9	103.0	99.1	99.1	90.0	97.2	64.2
1983	7394	-176.0	-340.8	-28.5	102.6	98.9	98.8	90.1	97.3	89.5
1984	7742	-188.9	-337.2	-164.7	102.5	99.0	98.6	90.2	97.4	51.3
1985	11157	-189.4	-341.3	-275.3	102.4	99.3	99.6	90.5	98.2	106.3
1986	22219	-196.4	-333.4	-358.1	102.1	99.2	99.7	90.7	97.8	98.6
1987	32094	-189.6	-340.3	-436.3	101.7	99.5	99.2	92.8	97.7	81.4
1988	34065	-193.3	-343.3	-472.7	101.6	99.4	98.9	93.1	97.7	73.7
1989	50362	-208.2	-317.0	-477.1	100.6	97.9	97.9	92.5	97.3	60.7
1990	50979	-204.8	-308.1	-465.0	100.6	97.8	98.3	92.3	97.1	59.1
1991	41799	-193.7	-292.7	-446.0	100.6	97.9	99.0	92.6	97.2	59.5
1992	36167	-183.3	-281.2	-420.4	100.7	98.2	99.4	92.9	97.2	58.1
1993	38944	-162.3	-253.6	-384.3	101.1	98.6	99.7	93.0	97.5	54.2
1994	33532	-150.8	-216.3	-359.0	101.0	98.2	99.7	92.9	97.7	45.6
1995	30686	-146.3	-188.8	-326.3	100.2	97.6	100.0	93.0	97.8	45.2
1996	23481	-131.3	-170.3	-274.2	100.1	97.7	100.2	94.1	98.2	41.5
1997	16362	-132.2	-140.6	-274.8	99.9	96.9	100.0	93.7	98.0	42.2
1998	10201	-127.5	-137.1	-274.0	100.1	97.1	100.1	93.8	98.0	39.9
1999	6946	-116.6	-121.5	-248.8	99.7	96.8	100.9	94.4	98.2	39.3
2000	4915	-96.9	-117.3	-221.8	100.1	96.9	101.5	95.7	98.6	37.6
2001	4276	-92.5	-97.9	-183.7	99.3	97.2	101.5	95.7	98.6	35.2
2002	2993	-71.3	-77.0	-139.7	100.0	97.1	101.5	96.5	98.3	30.5
2003	2732	-69.3	-61.2	-124.8	99.5	96.6	102.0	96.7	97.9	21.4
2004	2473	-54.7	-42.8	-86.9	99.5	96.8	102.4	97.1	98.0	21.0
2005	2094	-49.7	-40.9	-87.7	99.3	97.1	102.4	97.5	97.9	16.0
2006	2298	-33.5	-3.2	-20.9	99.2	96.7	102.6	97.6	98.3	19.8
2007	2311	-21.8	-0.4	2.2	99.9	96.8	103.1	98.4	98.3	19.7
2008	2404	-21.4	17.0	-19.9	99.5	96.8	102.9	98.0	98.5	13.5
2009	1904	-11.7	23.7	-0.9	99.7	97.1	103.3	98.3	98.5	10.5
2010	1795	0.5	35.6	36.8	99.9	97.2	103.8	98.9	98.5	9.6
2011	1728	8.9	57.6	53.0	99.9	96.7	103.7	99.7	98.3	7.1
2012	1813	19.5	73.1	71.9	100.1	97.0	103.7	100.0	98.4	3.5
2013	2051	32.0	82.9	80.9	100.7	97.4	104.1	100.1	98.9	6.2
2014	1813	41.6	96.3	110.9	100.1	97.6	104.9	100.5	99.2	2.8
2015	2055	37.3	92.4	121.4	99.2	98.3	105.1	100.1	99.1	3.8
2016	1402	56.6	104.6	144.7	100.5	98.1	105.4	100.8	99.3	2.8
2017	1095	66.4	113.2	145.3	101.0	98.1	105.6	100.9	99.4	-2.1
2018	502	81.7	119.2	181.8	101.1	98.6	106.4	101.2	99.7	-8.5

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1982	41	92.8	96.1	95.4	94.0	95.3	97.1	98.9
1983	49	92.9	95.8	95.6	94.1	95.2	97.7	98.3
1984	74	93.1	96.2	95.4	94.1	95.6	97.4	98.9
1985	38	94.3	97.0	96.5	94.8	96.7	98.4	98.5
1986	41	94.0	96.7	96.1	94.5	97.1	98.0	98.9
1987	87	94.2	94.2	97.8	96.7	95.5	97.2	98.1
1988	139	94.2	94.4	98.3	96.3	95.0	97.0	97.6
1989	999	94.2	95.6	98.7	95.1	95.2	97.1	97.1
1990	1220	94.2	95.4	98.7	95.1	95.2	97.2	97.2

1991	1955	92.6	94.5	96.8	93.7	95.2	96.9	98.3
1992	1550	92.3	94.2	96.4	93.7	95.2	96.9	98.6
1993	2933	92.4	95.9	95.2	93.0	95.2	98.5	99.1
1994	3952	93.5	96.3	96.7	93.6	95.4	99.2	98.5
1995	7303	94.4	97.2	97.5	94.1	95.9	100.1	97.9
1996	4166	94.5	96.4	97.8	94.9	95.7	99.7	97.9
1997	3984	93.6	95.5	97.2	94.7	95.1	98.1	98.1
1998	2383	93.7	95.5	97.2	95.0	94.7	98.5	97.8
1999	1628	94.6	96.4	97.9	95.2	95.4	98.9	97.9
2000	964	94.5	96.3	97.6	95.4	95.5	98.5	98.1
2001	877	95.0	96.7	97.8	95.6	96.3	99.0	98.4
2002	625	95.8	97.6	97.7	96.2	97.0	99.4	98.3
2003	664	96.4	98.0	97.9	97.2	97.3	98.7	99.1
2004	681	96.4	98.3	97.9	97.0	97.5	98.1	99.1
2005	517	97.3	98.9	98.3	97.6	98.2	98.9	99.5
2006	575	97.3	99.0	98.1	97.5	98.1	99.2	99.9
2007	605	97.6	99.4	98.4	97.7	98.4	98.6	99.6
2008	749	97.2	99.0	98.1	97.7	98.1	98.2	99.7
2009	603	97.3	99.5	97.6	97.5	98.7	98.3	100.2
2010	604	97.6	99.5	97.7	98.0	98.7	99.0	100.3
2011	563	98.3	100.0	98.0	98.7	99.0	99.3	100.3
2012	528	98.5	100.2	98.2	98.6	99.2	99.6	100.2
2013	597	98.7	100.9	98.4	98.2	100.1	98.9	100.7
2014	569	98.7	100.7	98.3	98.2	100.2	99.8	100.8
2015	706	98.0	99.5	97.8	98.0	99.5	100.4	101.0
2016	417	99.0	100.3	98.6	98.7	100.0	100.7	100.8
2017	234	99.3	100.5	98.6	99.1	100.2	101.0	100.7
2018	71	99.8	101.2	99.0	99.4	100.8	100.9	100.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	404	99.8	95.9	99.8	95.9	93.1	95.9
1981	642	100.3	96.1	100.3	96.1	93.5	96.6
1982	2858	99.8	96.4	99.8	96.4	92.9	96.5
1983	5173	100.2	96.3	100.2	96.3	93.0	97.0
1984	5214	100.7	96.2	100.7	96.2	93.7	96.9
1985	7216	101.8	96.2	101.8	96.2	94.5	97.6
1986	14972	101.6	96.0	101.6	96.0	94.3	97.4
1987	21520	101.0	96.5	101.0	96.5	93.9	97.7
1988	21251	101.0	96.6	101.0	96.6	93.9	97.7
1989	33555	99.8	97.1	99.8	97.1	93.4	97.7
1990	39653	99.6	97.1	99.6	97.1	93.2	97.5
1991	39522	100.0	97.0	100.0	97.0	93.6	97.3
1992	35969	100.3	96.7	100.3	96.7	93.6	96.9
1993	45218	100.4	97.0	100.4	97.0	93.9	96.7
1994	45375	100.7	97.0	100.7	97.0	94.3	96.6
1995	42557	101.0	96.8	101.0	96.8	94.6	96.7
1996	35110	101.4	97.0	101.4	97.0	94.7	97.1
1997	26037	101.5	96.8	101.5	96.8	94.9	97.0
1998	16922	101.4	96.8	101.4	96.8	94.7	96.8
1999	12133	102.0	96.6	102.0	96.6	95.3	96.8
2000	8825	102.2	96.9	102.2	96.9	95.5	97.4
2001	6903	102.3	96.8	102.3	96.8	95.6	97.4
2002	5416	101.9	96.8	101.9	96.8	95.6	97.3
2003	4747	101.9	96.4	101.9	96.4	95.4	97.0
2004	4233	102.0	96.4	102.0	96.4	95.5	97.1
2005	3393	102.0	96.3	102.0	96.3	95.4	97.1
2006	3400	102.4	96.5	102.4	96.5	95.9	97.3

2007	3237	102.6	96.4	102.6	96.4	96.4	97.0
2008	3349	102.6	96.6	102.6	96.6	96.3	97.5
2009	2912	102.8	96.5	102.8	96.5	96.5	97.4
2010	2715	102.7	96.5	102.7	96.5	96.4	97.3
2011	2557	102.6	96.3	102.6	96.3	96.4	97.2
2012	2588	102.5	96.5	102.5	96.5	96.2	97.3
2013	2741	103.0	96.8	103.0	96.8	96.8	97.3
2014	2511	103.0	97.0	103.0	97.0	97.1	97.5
2015	3165	102.4	97.4	102.4	97.4	97.1	97.7
2016	2513	102.8	97.3	102.8	97.3	97.4	97.8
2017	2076	103.1	97.1	103.1	97.1	97.7	97.8
2018	1803	103.1	97.5	103.1	97.5	97.6	98.1
2019	1547	103.0	97.6	103.0	97.6	97.7	98.1
2020	1170	102.6	97.7	102.6	97.7	97.4	98.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	471	96.2	103.2	105.0	85.3	83.1	83.5
1981	625	98.1	102.2	102.6	85.2	82.4	82.2
1982	2685	97.4	102.7	103.4	96.5	93.7	93.4
1983	5994	96.3	103.2	104.7	96.9	94.1	94.5
1984	5497	97.1	102.7	103.5	96.4	94.4	95.4
1985	6863	99.2	100.8	100.8	96.8	94.3	94.5
1986	13762	98.3	101.3	102.0	99.3	95.8	95.9
1987	18969	97.7	102.1	103.0	99.6	97.1	99.0
1988	17360	97.5	102.2	103.1	99.4	97.4	99.2
1989	22732	94.8	102.3	106.4	99.8	98.4	99.2
1990	23335	94.8	102.5	106.3	99.9	99.0	99.9
1991	22341	95.2	102.1	105.8	100.0	99.3	99.5
1992	20632	95.9	102.3	104.9	99.8	99.0	98.9
1993	20498	96.2	101.6	104.5	100.3	98.8	98.4
1994	18210	96.4	101.8	104.2	101.1	98.7	98.5
1995	17339	96.4	102.0	104.2	100.4	98.5	98.4
1996	14031	96.9	102.1	103.9	101.2	98.8	98.4
1997	9212	96.5	102.3	104.4	100.5	99.0	99.0
1998	5658	96.6	102.4	104.1	100.4	98.8	98.8
1999	4140	97.3	101.6	103.4	100.5	98.9	98.9
2000	3038	97.2	101.1	103.4	101.3	98.3	98.3
2001	2749	97.0	101.0	103.7	101.1	97.8	98.2
2002	1968	96.6	101.1	104.0	101.3	98.3	98.1
2003	1833	96.6	101.6	104.0	100.4	99.4	99.1
2004	1807	96.6	101.4	104.1	101.1	99.7	99.2
2005	1684	96.6	101.2	104.1	100.5	99.8	99.0
2006	1826	97.2	101.5	103.4	100.6	98.9	98.9
2007	2205	98.0	100.8	102.3	99.7	99.8	100.9
2008	2254	97.5	100.7	103.0	100.4	99.5	100.3
2009	1916	97.5	101.0	103.1	100.6	99.9	100.0
2010	1809	97.4	101.1	103.2	100.0	99.6	99.3
2011	1707	97.2	101.0	103.6	100.2	99.8	99.2
2012	1709	97.2	100.9	103.6	100.7	99.8	99.1
2013	1795	98.6	100.2	101.8	99.1	99.9	100.7
2014	1660	98.3	100.2	102.2	100.8	99.3	99.9
2015	2118	97.8	100.1	102.4	100.3	100.1	99.5
2016	1611	98.4	100.2	101.9	100.5	99.6	99.9
2017	1266	98.3	100.0	102.1	101.1	99.0	99.1
2018	1093	98.7	99.9	101.7	101.9	99.3	99.1
2019	909	98.4	100.2	102.0	102.4	99.0	98.8
2020	671	98.0	100.0	102.5	102.8	98.3	97.7

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	532	101.5	98.2	100.1	100.1	99.6	98.9	102.2	99.1	101.6	98.5	101.4
1981	803	101.4	98.9	99.2	100.0	100.3	98.5	101.9	99.1	102.0	98.1	101.1
1982	3106	101.5	98.4	99.3	99.9	99.9	98.5	102.0	99.5	101.4	98.5	100.7
1983	5737	102.0	98.7	99.6	99.9	100.9	98.1	102.4	99.2	102.0	98.2	101.5
1984	5395	102.0	99.2	99.4	100.0	101.2	97.9	102.5	99.1	102.2	98.0	101.4
1985	7242	101.8	99.4	98.3	99.9	100.8	97.2	102.4	99.1	101.8	97.3	101.0
1986	14380	101.7	98.6	98.7	99.6	100.5	97.2	102.5	99.2	101.3	97.5	100.7
1987	20229	103.3	99.5	98.2	100.8	102.6	96.8	104.2	98.4	102.9	96.8	102.9
1988	19663	103.2	100.0	98.2	100.9	102.9	97.1	103.9	98.3	103.1	97.2	102.7
1989	30108	103.0	100.3	99.0	100.7	102.8	97.6	103.4	98.5	103.3	97.4	103.2
1990	34749	102.8	100.1	99.5	100.7	102.4	97.7	103.2	98.8	103.1	97.5	103.0
1991	33599	102.3	98.7	99.2	100.2	101.3	97.6	102.9	98.9	101.9	97.3	102.4
1992	34027	102.0	98.4	99.3	100.0	100.9	97.6	102.6	99.0	101.4	97.4	101.8
1993	38436	102.0	97.6	99.9	100.0	100.6	97.4	102.7	99.4	100.7	97.5	101.8
1994	34557	101.8	97.2	100.3	100.4	99.6	98.1	102.4	99.8	99.8	97.8	102.2
1995	32150	101.3	96.3	100.5	100.1	98.3	98.5	102.0	100.3	98.8	97.8	102.0
1996	29503	100.5	96.0	100.6	100.1	97.3	99.5	101.0	100.6	98.6	98.2	101.8
1997	24269	99.8	95.3	100.8	99.5	96.8	99.3	100.5	100.2	98.2	98.1	100.8
1998	14161	99.6	94.9	100.9	99.5	96.5	99.2	100.4	100.1	97.8	98.0	100.7
1999	11445	99.4	94.9	100.8	99.4	96.4	99.2	100.1	100.2	97.6	98.0	100.3
2000	7165	99.5	94.8	100.6	99.9	96.3	99.5	100.1	100.7	97.3	98.6	100.0
2001	5852	99.0	94.5	101.5	99.3	96.2	99.8	99.8	100.3	97.1	99.0	99.5
2002	5239	99.5	95.0	101.3	99.8	96.6	99.8	100.1	100.6	97.4	99.0	99.9
2003	4526	98.9	94.8	100.9	99.9	95.8	100.0	99.4	100.9	97.0	98.6	99.9
2004	3965	98.9	94.4	101.0	99.6	95.8	99.9	99.4	100.9	96.8	98.6	99.6
2005	3201	98.9	94.4	100.9	100.0	95.4	99.8	99.5	101.0	96.3	98.8	99.7
2006	3158	98.4	93.4	102.0	99.1	95.0	100.3	98.9	101.2	95.6	99.6	98.5
2007	2757	97.8	93.4	101.6	98.3	95.1	100.4	98.3	100.9	95.9	99.0	98.2
2008	2650	98.0	93.2	101.2	98.8	94.8	100.2	98.7	100.7	95.6	98.7	98.5
2009	2299	97.9	93.1	101.8	99.1	94.4	100.7	98.5	101.0	95.3	99.5	98.3
2010	1958	97.4	92.6	101.6	98.7	93.9	100.5	98.3	100.5	95.0	99.1	98.2
2011	1512	97.0	92.1	101.6	98.4	93.4	100.7	98.0	100.3	94.5	99.0	98.1
2012	1009	96.9	92.3	101.3	98.8	93.3	100.9	98.1	99.9	94.5	99.2	98.3
2013	953	96.7	91.7	101.2	98.3	93.2	100.9	98.2	99.4	94.0	98.8	97.9
2014	763	96.4	91.2	101.5	98.1	92.9	100.9	97.9	99.6	93.7	99.1	97.8
2015	823	96.0	91.1	101.3	98.3	92.3	101.4	97.3	99.8	93.5	99.3	97.5
2016	534	96.2	91.0	101.7	98.1	92.6	100.8	97.8	99.4	93.5	99.0	97.6
2017	369	96.4	91.3	101.2	98.3	92.9	100.5	98.1	99.2	93.5	98.8	97.7
2018	114	96.5	91.1	101.2	98.4	92.6	100.7	98.2	99.6	93.2	99.0	97.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	392	99.2	98.8	101.0
1981	626	100.3	99.6	101.4
1982	2801	99.1	98.7	101.6
1983	5112	99.2	98.8	101.5
1984	5146	99.0	98.5	101.5
1985	7090	99.3	98.6	102.4
1986	14781	99.3	98.6	102.2

1987	21252	99.1	98.2	101.9
1988	20984	98.9	98.2	101.9
1989	33097	98.0	98.0	101.5
1990	38961	97.6	97.7	101.5
1991	38380	97.7	97.7	101.6
1992	34902	97.6	97.6	101.6
1993	47600	97.4	97.5	101.7
1994	51000	97.8	97.9	101.7
1995	48658	98.3	98.2	101.7
1996	40837	98.5	98.4	101.3
1997	31016	98.8	98.6	101.3
1998	20583	98.7	98.5	101.3
1999	14861	99.0	98.8	101.6
2000	10558	98.7	98.7	101.6
2001	8073	98.9	98.8	101.4
2002	6420	99.5	99.2	101.3
2003	5683	99.6	99.3	101.0
2004	4949	99.7	99.2	100.9
2005	3950	99.7	99.2	101.0
2006	3919	99.9	99.3	101.0
2007	3704	100.5	99.8	101.6
2008	3836	100.3	99.5	101.5
2009	3328	100.1	99.3	101.0
2010	3104	100.3	99.6	101.0
2011	2919	100.5	99.8	100.6
2012	2911	100.6	99.9	100.5
2013	3062	100.7	99.8	100.6
2014	2788	100.6	99.8	100.6
2015	3531	101.2	100.2	100.2
2016	2835	101.2	100.3	100.4
2017	2366	101.2	100.4	100.6
2018	2070	101.2	100.4	100.6
2019	1884	101.6	100.6	100.7
2020	1390	101.6	100.8	100.7

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	4279	-1669.2	-6529.5	-263.1	-250.4
2002	2991	-1343.8	-5334.7	-204.3	-205.1
2003	2732	-1198.8	-4807.0	-180.6	-183.7
2004	2479	-899.9	-3685.6	-126.4	-142.3
2005	2103	-889.4	-3588.0	-130.1	-138.2
2006	2306	-344.7	-1408.7	-39.7	-59.0
2007	2317	-190.5	-871.8	-8.1	-39.4
2008	2407	-256.3	-1157.2	-20.2	-48.3
2009	1909	-109.0	-600.8	3.2	-26.2
2010	1813	176.0	640.1	50.1	15.1
2011	1761	360.8	1310.9	82.8	41.2
2012	1831	551.1	2074.2	116.9	67.6
2013	2081	646.5	2372.7	127.7	84.3
2014	1843	907.3	3461.5	172.6	121.3
2015	2087	974.6	3794.7	189.4	128.0
2016	1457	1183.7	4545.1	223.2	159.2
2017	1140	1206.8	4588.6	227.8	162.3
2018	531	1484.9	5765.2	280.3	199.3

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

Jaar	Aantal	Eff	Int	Gewen
1980	64	98.4	98.8	99.5
1981	81	97.6	100.5	99.1
1982	367	97.1	98.6	99.7
1983	507	98.7	96.8	99.3
1984	372	96.9	97.8	99.1
1985	561	95.8	99.8	98.2
1986	888	96.4	98.1	98.5
1987	1711	97.5	95.4	98.1
1988	1414	97.1	95.3	98.1
1989	2046	97.8	90.9	98.4
1990	1867	97.8	90.7	98.4
1991	1676	98.2	91.9	98.7
1992	1499	98.3	92.6	98.9
1993	1732	98.7	92.9	98.6
1994	1594	98.5	91.3	98.9
1995	1632	98.9	90.6	98.9
1996	1387	99.1	91.0	99.1
1997	947	98.8	91.3	99.3
1998	601	98.7	91.8	98.7
1999	411	98.7	91.4	99.1
2000	275	98.4	91.6	99.1
2001	334	98.9	92.5	98.7
2002	218	98.9	92.9	98.9
2003	223	99.0	93.8	98.9
2004	235	99.2	94.0	98.9
2005	202	99.4	94.4	98.9
2006	269	100.0	94.8	98.9
2007	328	99.9	94.6	99.1
2008	347	100.1	94.4	98.9
2009	303	99.8	94.0	98.7
2010	317	99.5	94.5	98.9
2011	364	99.4	96.1	98.6
2012	317	99.7	97.4	98.6
2013	343	100.0	99.0	98.8
2014	390	100.0	100.4	98.6
2015	509	101.5	101.8	98.9
2016	308	100.8	103.4	98.9
2017	251	101.4	104.6	98.4
2018	126	101.5	105.1	98.6

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	635	97.4	100.1	1	-4.2	75.0	0	0.0
1981	828	96.6	99.9	5	-2.5	75.0	0	0.0
1982	4076	97.0	99.9	9	-2.9	64.2	0	0.0
1983	7394	97.5	100.2	6	-3.5	89.5	0	0.0
1984	7742	97.6	100.1	10	-2.4	51.3	0	0.0
1985	11157	96.8	100.1	13331	-3.8	106.3	0	0.0
1986	22219	97.0	100.1	24904	-3.7	98.6	0	0.0
1987	32094	96.7	100.0	34289	-3.4	81.4	0	0.0
1988	34065	97.1	99.8	34762	-3.3	73.7	0	0.0
1989	50362	97.9	99.8	50680	-3.0	60.7	0	0.0

1990	50979	98.2	99.7	51225	-2.9	59.1	0	0.0
1991	41799	97.5	99.5	42230	-2.8	59.5	0	0.0
1992	36167	97.5	99.5	36699	-2.7	58.1	0	0.0
1993	38944	97.8	99.8	38980	-2.5	54.2	0	0.0
1994	33532	97.6	99.9	33546	-2.1	45.6	0	0.0
1995	30686	97.0	99.5	30698	-1.9	45.2	0	0.0
1996	23481	96.9	99.4	23483	-1.7	41.5	0	0.0
1997	16362	97.6	99.2	16363	-1.5	42.2	0	0.0
1998	10201	97.7	99.4	10204	-1.4	39.9	0	0.0
1999	6946	97.6	99.4	6949	-1.3	39.3	0	0.0
2000	4915	97.9	99.3	4920	-1.3	37.6	0	0.0
2001	4276	98.6	99.2	4279	-1.1	35.2	1487	96.2
2002	2993	98.4	99.3	2998	-0.9	30.5	1006	96.5
2003	2732	98.7	99.5	2737	-0.7	21.4	955	97.3
2004	2473	98.9	99.7	2477	-0.5	21.0	906	97.5
2005	2094	98.6	99.4	2096	-0.4	16.0	721	98.1
2006	2298	99.5	99.6	2301	-0.3	19.8	761	97.3
2007	2311	99.5	99.9	2314	-0.3	19.7	783	97.3
2008	2404	99.5	99.7	2405	-0.0	13.5	888	98.0
2009	1904	99.8	99.9	1905	0.0	10.5	754	98.2
2010	1795	99.6	99.9	1798	0.1	9.6	736	98.3
2011	1728	100.1	100.0	1731	0.3	7.1	704	98.4
2012	1813	100.1	100.2	1817	0.5	3.5	644	98.7
2013	2051	100.0	100.3	2059	0.5	6.2	706	98.1
2014	1813	100.5	100.1	1821	0.6	2.8	683	98.3
2015	2055	100.8	99.8	2072	0.6	3.8	819	98.3
2016	1402	100.7	100.1	1433	0.7	2.8	534	98.5
2017	1095	100.7	100.2	1128	0.8	-2.1	371	98.6
2018	502	100.8	100.4	532	1.0	-8.5	115	99.1
2019	0	0.0	0.0	22	0.4	-11.7	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	140	99.8	0	0.0	0	0.0	140	95.8
1981	188	99.8	2	100.0	2	99.5	188	96.2
1982	772	99.8	1	102.0	1	97.0	772	96.6
1983	1239	99.7	0	0.0	0	0.0	1239	95.0
1984	1141	99.6	0	0.0	0	0.0	1141	94.3
1985	1587	99.6	1	107.0	1	98.0	1587	94.2
1986	2995	99.6	0	0.0	0	0.0	2995	94.3
1987	4346	99.7	1	99.0	0	0.0	4346	94.7
1988	3890	99.8	0	0.0	0	0.0	3890	95.1
1989	5421	99.6	0	0.0	0	0.0	5421	94.4
1990	5649	99.6	3	99.0	3	98.0	5649	94.0
1991	5246	99.5	33	99.0	23	100.4	5246	93.5
1992	4814	99.4	22	98.7	10	100.7	4814	93.4
1993	5139	99.4	32	98.8	15	101.1	5139	93.3
1994	4702	99.2	60	101.7	55	98.3	4702	93.0
1995	4719	99.8	86	104.4	84	99.7	4719	92.8
1996	3957	99.7	72	104.4	70	99.7	3957	92.8
1997	3038	99.2	64	100.8	64	100.0	3038	92.5
1998	1996	99.2	29	102.5	29	100.6	1996	92.5
1999	1537	99.5	20	103.7	19	100.6	1537	92.8
2000	1143	99.6	18	101.9	16	101.2	1143	93.3
2001	1175	99.7	17	102.9	16	101.6	1175	93.5
2002	908	99.8	9	101.2	9	101.4	908	93.5
2003	923	99.5	13	102.9	14	101.9	923	93.9
2004	1024	99.3	12	99.8	13	102.0	1024	93.8

2005	971	99.3	14	101.0	14	101.7	971	94.3
2006	1203	99.3	18	99.8	17	101.4	1203	94.4
2007	1311	99.3	19	100.9	17	101.4	1311	94.7
2008	1556	99.5	11	100.7	14	101.5	1556	95.1
2009	1442	99.6	14	100.9	20	101.9	1442	95.4
2010	1589	99.7	16	101.0	20	101.0	1589	95.4
2011	1567	99.7	13	101.2	26	102.7	1567	95.6
2012	1601	99.7	9	101.6	17	101.5	1601	96.1
2013	1805	99.8	5	100.6	9	102.1	1805	96.7
2014	1612	99.8	0	0.0	6	101.8	1612	96.7
2015	1827	99.9	7	102.0	12	100.5	1827	97.3
2016	1259	100.0	2	101.5	7	101.7	1259	97.6
2017	946	100.0	0	0.0	7	102.6	946	97.5
2018	438	100.0	0	0.0	0	0.0	438	97.8

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	31	99.9	98.6	101.2	99.5	97.9	99.3
1981	34	101.0	100.1	102.2	99.9	98.6	100.1
1982	143	100.7	100.1	102.0	99.7	98.3	99.3
1983	189	99.9	99.1	101.1	99.2	97.9	98.7
1984	119	100.3	99.8	101.5	99.3	98.4	99.3
1985	46	100.0	99.4	101.0	99.1	98.5	99.2
1986	26	100.2	99.5	100.8	99.2	98.7	99.6
1987	36	99.6	99.0	99.8	98.5	98.9	99.5
1988	68	100.1	99.2	100.6	99.1	99.3	100.0
1989	443	100.5	99.0	101.4	100.0	99.0	99.5
1990	368	100.5	99.0	101.3	99.9	99.0	99.6
1991	456	100.5	99.7	101.0	100.0	98.9	99.2
1992	289	100.5	99.9	100.9	99.9	98.8	99.2
1993	424	101.4	100.8	101.6	100.1	100.2	100.1
1994	546	101.4	100.9	101.9	99.8	100.1	100.7
1995	497	100.1	99.6	101.0	98.8	99.3	99.7
1996	463	98.9	98.3	99.7	98.0	98.4	98.5
1997	355	99.1	98.5	99.4	98.2	98.6	98.7
1998	215	98.9	98.2	99.6	98.1	98.2	98.3
1999	161	99.0	98.3	99.8	98.2	98.4	98.4
2000	112	99.5	98.9	100.2	98.7	98.3	99.0
2001	113	100.1	99.5	100.7	98.8	99.3	99.9
2002	82	100.1	99.6	100.6	99.0	99.3	99.7
2003	84	99.1	98.8	99.2	98.0	98.8	98.8
2004	99	99.9	99.9	99.6	98.6	99.4	99.8
2005	90	100.1	99.9	99.8	98.7	99.6	100.0
2006	123	100.9	100.8	100.6	99.6	100.0	100.6
2007	126	100.7	100.6	100.4	99.5	99.8	100.2
2008	144	101.0	100.8	100.6	99.8	99.9	100.6
2009	136	101.0	100.8	100.7	99.6	99.9	100.7
2010	137	100.7	100.5	100.2	99.6	99.4	100.5
2011	131	100.3	100.1	99.7	99.3	99.2	100.0
2012	155	99.5	99.2	99.3	98.5	99.1	99.6
2013	142	100.1	99.7	99.9	99.2	99.3	100.0
2014	120	100.0	99.4	99.9	99.2	99.3	99.9
2015	142	100.9	100.5	100.8	100.0	99.4	100.1
2016	71	100.8	100.6	100.5	99.7	99.3	100.3
2017	50	100.6	100.1	100.5	99.8	99.1	100.0
2018	27	100.7	100.0	100.7	99.7	99.4	99.9

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	81	-3765.9	-75.6	-108.8	-171.7	219.2	62.6	-0.5	-656.2
1981	109	-3894.3	-81.2	-113.0	-177.5	226.1	65.4	-0.5	-687.0
1982	132	-3951.7	-75.6	-112.9	-180.2	243.4	69.9	-0.6	-675.6
1983	129	-3847.0	-75.4	-110.6	-175.3	228.6	65.3	-0.3	-664.5
1984	227	-3940.6	-76.5	-114.2	-179.6	241.5	66.0	-0.5	-683.0
1985	222	-3981.0	-79.9	-116.1	-181.4	240.0	65.7	-0.4	-698.2
1986	288	-3857.3	-78.4	-112.5	-175.8	225.4	62.5	-0.4	-678.8
1987	372	-3820.4	-76.0	-110.3	-174.2	222.8	63.6	-0.4	-663.9
1988	426	-3825.9	-76.8	-110.5	-174.4	223.0	63.7	-0.4	-666.9
1989	291	-3693.9	-74.7	-106.7	-168.4	208.5	60.1	-0.4	-644.9
1990	440	-3739.6	-75.7	-108.3	-170.4	211.2	60.4	-0.3	-654.1
1991	212	-3547.3	-70.8	-103.3	-161.7	197.6	54.4	-0.3	-620.9
1992	302	-3412.8	-72.3	-99.1	-155.5	176.5	51.9	-0.2	-604.5
1993	227	-3047.2	-63.0	-87.9	-138.9	149.0	44.0	-0.1	-534.2
1994	250	-2956.9	-58.1	-83.4	-134.7	148.5	45.7	-0.1	-504.3
1995	241	-2950.5	-57.7	-83.6	-134.4	146.8	44.2	-0.1	-504.2
1996	247	-2993.6	-59.3	-84.3	-136.4	149.8	46.6	-0.2	-511.3
1997	290	-2981.1	-58.0	-83.8	-135.8	148.7	46.1	-0.2	-506.1
1998	271	-2845.5	-56.2	-80.0	-129.6	137.1	42.8	-0.2	-485.0
1999	362	-2696.7	-46.1	-73.6	-122.8	138.5	43.3	-0.1	-435.5
2000	310	-2574.2	-41.6	-69.7	-117.2	133.7	41.4	0.0	-408.3
2001	304	-2674.7	-43.1	-71.4	-117.4	141.1	45.4	8.4	-418.7
2002	372	-2638.7	-42.9	-70.2	-116.6	137.8	45.3	6.8	-412.8
2003	407	-2539.7	-39.7	-66.3	-112.9	132.8	44.8	5.2	-388.9
2004	509	-2332.3	-34.0	-59.5	-104.3	121.9	42.0	3.4	-346.6
2005	542	-2378.3	-33.2	-59.6	-106.7	127.5	44.9	3.0	-346.1
2006	702	-2346.1	-27.9	-58.2	-105.9	133.3	44.9	1.7	-329.1
2007	760	-2313.9	-26.4	-55.5	-104.9	132.3	47.4	0.8	-314.5
2008	848	-2344.0	-29.0	-57.9	-106.2	130.6	45.3	1.1	-330.1
2009	1036	-2327.1	-26.7	-56.4	-105.8	132.7	46.8	0.4	-319.0
2010	999	-2244.7	-23.7	-53.6	-102.2	129.9	45.8	0.1	-300.4
2011	1169	-2238.4	-21.3	-53.0	-102.0	133.2	46.4	-0.1	-292.7
2012	1078	-2309.7	-20.3	-53.6	-105.7	142.2	50.5	-0.9	-294.1
2013	1713	-2344.8	-18.9	-53.6	-109.2	148.2	53.0	-4.1	-292.1
2014	1246	-2318.3	-16.1	-52.5	-108.4	150.4	53.1	-4.7	-281.5
2015	1042	-2224.5	-13.0	-47.8	-105.2	146.3	54.4	-6.5	-254.7
2016	972	-2188.4	-10.2	-47.1	-104.0	147.4	53.2	-7.2	-245.7
2017	990	-2139.4	-9.4	-44.7	-102.3	144.2	53.9	-8.0	-234.0
2018	712	-2091.7	-7.2	-42.4	-102.1	143.2	54.5	-11.0	-219.9

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	72.3	81.6	84.5	91.2	93.4	95.5	80.2
1981	23	71.6	82.1	84.3	90.8	93.8	95.5	80.0
1982	47	70.0	81.3	83.7	90.6	93.3	94.9	78.6
1983	39	70.2	81.9	83.8	90.5	94.2	94.2	78.7
1984	56	69.6	81.8	83.4	90.4	93.9	94.3	78.5
1985	21	70.7	82.0	84.2	90.5	94.1	93.8	80.0
1986	28	71.0	81.2	84.2	91.1	93.4	93.4	80.1
1987	27	70.9	80.6	84.6	91.4	92.6	94.8	79.9

1988	32	72.1	79.9	84.9	92.1	91.7	94.8	80.6
1989	23	72.9	80.1	85.7	92.6	91.9	94.1	81.9
1990	24	72.2	80.6	85.6	92.2	92.5	94.0	80.6
1991	24	72.9	80.6	85.4	92.0	93.0	94.2	80.2
1992	31	73.0	79.9	85.6	92.2	91.9	94.5	80.8
1993	26	72.3	80.2	85.5	92.1	92.3	95.0	80.3
1994	25	72.5	80.1	85.0	91.7	92.6	94.5	80.4
1995	27	72.5	80.0	84.9	91.6	92.5	94.5	80.4
1996	15	70.9	80.7	84.9	91.6	92.8	94.2	79.4
1997	15	72.4	80.3	85.3	92.0	92.5	94.6	80.3
1998	23	72.3	80.7	85.6	92.3	92.3	94.6	81.2
1999	25	72.7	80.3	86.4	93.5	91.4	96.6	80.6
2000	28	72.0	80.5	85.5	92.4	92.3	96.1	80.6
2001	24	72.8	80.6	86.0	93.0	91.8	95.9	80.7
2002	34	72.8	80.9	86.1	92.9	92.0	95.7	81.6
2003	28	73.1	81.3	86.5	93.2	92.0	95.4	81.8
2004	31	73.0	80.6	86.4	93.1	91.7	95.5	81.7
2005	43	71.9	80.0	85.5	92.3	91.8	95.0	80.4
2006	35	72.3	80.2	85.5	92.1	92.0	94.7	81.2
2007	41	72.5	81.6	86.6	92.9	92.6	95.6	81.7
2008	38	72.1	81.8	86.4	92.9	92.6	95.5	81.9
2009	16	72.8	81.6	87.1	93.7	92.1	96.2	82.2
2010	47	72.2	81.1	86.5	93.2	91.8	96.3	81.5
2011	34	72.5	80.9	86.1	92.9	92.0	96.8	82.3
2012	33	71.4	81.7	86.6	93.0	92.3	96.2	81.5
2013	30	72.6	82.6	87.3	93.5	92.5	96.1	82.7
2014	23	71.6	82.3	86.9	93.0	92.7	96.3	82.5
2015	25	71.5	83.4	87.7	93.9	92.8	96.2	83.3
2016	29	71.2	82.3	86.9	93.2	92.2	95.9	82.9
2017	48	71.8	82.6	87.7	93.9	92.2	96.8	83.1
2018	17	72.9	81.8	86.9	93.8	91.8	96.4	82.8

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	30	102.2	104.8	93.2	96.3	105.1
1981	23	102.1	104.9	93.2	96.2	104.7
1982	47	102.6	104.7	93.2	96.4	105.3
1983	39	103.2	104.9	93.1	96.7	106.1
1984	56	102.5	105.7	92.2	96.3	105.3
1985	21	102.3	105.0	92.7	96.1	105.0
1986	28	103.7	105.1	92.2	96.5	106.8
1987	27	104.4	104.8	92.3	96.4	107.2
1988	32	104.2	105.3	91.6	96.0	107.1
1989	23	104.9	105.1	91.5	96.4	108.0
1990	24	104.3	105.2	91.3	96.0	107.3
1991	24	104.1	105.1	91.4	96.0	107.0
1992	31	105.9	104.8	92.1	96.7	108.8
1993	26	106.2	104.9	91.9	96.8	109.2
1994	25	105.4	104.2	92.5	96.8	108.4
1995	27	105.6	104.4	92.1	96.6	108.6
1996	15	103.8	104.3	92.5	95.8	106.7
1997	15	105.4	104.7	91.9	96.3	108.3
1998	23	104.9	104.0	92.7	96.6	107.9
1999	25	107.2	104.6	91.7	96.6	110.4
2000	28	106.1	104.6	91.6	96.5	109.2
2001	24	106.0	104.7	91.8	96.5	109.1
2002	34	105.6	104.8	92.1	96.6	108.6
2003	28	105.1	105.0	91.9	96.4	108.2

2004	31	106.4	104.5	91.9	96.6	109.4
2005	43	106.3	105.2	91.2	96.3	109.1
2006	35	105.9	105.2	91.4	96.3	109.0
2007	41	105.6	104.8	91.9	96.2	108.7
2008	38	105.8	105.1	91.5	96.3	108.9
2009	16	106.1	105.2	91.1	96.0	109.0
2010	47	106.1	105.1	91.2	96.1	109.1
2011	34	106.0	104.6	91.6	95.9	108.9
2012	33	105.7	105.5	90.7	95.8	108.8
2013	30	105.5	105.1	91.2	95.9	108.4
2014	23	105.3	105.0	91.3	95.9	108.5
2015	25	106.0	105.8	90.4	96.0	109.1
2016	29	105.9	105.0	90.8	96.2	109.0
2017	48	105.7	105.7	90.7	96.0	108.7
2018	17	105.6	105.5	90.7	95.6	108.7

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	30	91.7	91.2	104.2	89.1	93.3	93.2	92.0
1981	23	92.3	91.5	103.6	90.1	93.1	93.8	92.6
1982	47	91.2	91.1	103.1	89.3	92.7	93.7	92.4
1983	39	91.4	90.5	103.7	89.0	93.3	93.6	92.4
1984	56	91.8	90.4	104.0	89.5	93.3	93.3	92.2
1985	21	91.4	92.2	102.5	88.8	92.7	93.4	92.7
1986	28	92.8	92.2	104.5	89.1	94.3	93.7	92.6
1987	27	91.3	93.4	103.5	88.0	94.2	94.9	93.7
1988	32	92.2	93.0	104.2	88.6	95.1	94.5	93.2
1989	23	91.0	93.2	103.9	87.3	95.0	95.1	93.7
1990	24	90.9	92.2	104.2	87.0	94.4	94.5	93.2
1991	24	92.5	93.1	104.5	88.8	95.3	95.2	93.9
1992	31	92.0	94.8	104.4	87.8	95.6	96.0	94.6
1993	26	92.4	95.1	104.7	88.0	96.1	96.2	95.2
1994	25	92.5	94.2	104.8	88.0	95.9	96.0	94.0
1995	27	91.9	94.6	104.7	87.4	95.3	95.5	93.8
1996	15	92.5	92.9	104.2	88.4	95.0	94.5	92.9
1997	15	92.7	94.1	104.1	88.8	95.9	95.5	94.0
1998	23	92.3	94.8	105.3	88.0	96.0	95.8	94.1
1999	25	93.0	96.0	104.2	88.4	96.6	96.5	95.6
2000	28	92.5	95.2	104.0	88.2	95.8	96.2	95.3
2001	24	92.7	95.7	104.1	88.6	96.2	96.7	95.9
2002	34	92.2	95.2	104.5	88.1	95.5	95.5	94.5
2003	28	93.0	95.0	104.3	89.1	96.5	95.3	94.5
2004	31	94.0	95.5	104.7	89.4	97.6	96.8	95.7
2005	43	93.7	95.1	104.2	89.3	97.2	96.3	95.3
2006	35	94.2	95.1	104.3	89.8	97.3	96.2	95.4
2007	41	93.8	95.5	104.3	89.8	96.8	95.7	95.0
2008	38	94.4	95.4	104.4	90.5	97.1	95.7	95.0
2009	16	94.1	95.4	104.9	89.7	97.4	95.9	95.2
2010	47	94.7	95.6	104.1	90.5	97.6	96.2	95.4
2011	34	94.6	95.6	103.6	90.2	97.9	96.5	95.6
2012	33	95.4	95.5	103.4	91.5	97.8	95.8	95.2
2013	30	95.3	95.5	104.7	91.3	97.4	95.6	94.9
2014	23	95.3	94.7	103.6	91.5	97.4	95.7	94.8
2015	25	96.0	96.5	103.7	92.0	97.8	95.1	94.8
2016	29	95.9	96.0	104.2	91.9	99.0	97.0	96.2
2017	48	95.4	96.7	103.3	91.6	97.9	96.4	96.3
2018	17	95.1	96.2	103.4	90.9	98.5	96.5	95.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	30	75.8	79.6	89.5	103.1	0.0	85.7
1981	23	75.9	79.6	90.2	102.7	0.0	86.0
1982	47	74.3	79.0	89.4	103.3	0.0	85.2
1983	39	74.3	79.5	89.4	104.1	0.0	85.7
1984	56	74.1	79.2	89.6	102.9	0.0	85.1
1985	21	74.9	79.7	89.2	102.7	0.0	85.2
1986	28	74.4	79.6	90.4	104.4	0.0	86.5
1987	27	75.1	79.2	89.7	105.0	0.0	86.6
1988	32	75.3	79.4	90.3	104.8	0.0	87.0
1989	23	75.9	80.0	89.6	105.6	0.0	87.3
1990	24	75.3	79.8	89.1	104.8	0.0	86.4
1991	24	75.2	80.0	90.9	104.5	0.0	87.2
1992	31	75.5	79.5	90.7	106.6	0.0	88.1
1993	26	75.4	79.6	90.9	106.9	0.0	88.4
1994	25	75.1	79.5	91.1	106.3	0.0	88.1
1995	27	75.0	79.5	90.4	106.6	0.0	87.8
1996	15	74.6	79.5	90.7	104.7	0.0	86.9
1997	15	75.2	79.7	91.4	106.1	0.0	88.1
1998	23	75.9	80.0	90.9	105.9	0.0	88.2
1999	25	77.0	80.0	91.7	108.0	0.0	89.8
2000	28	76.5	80.0	90.9	107.0	0.0	88.8
2001	24	76.5	80.0	91.4	106.8	0.0	89.1
2002	34	77.0	80.3	90.6	106.6	0.0	88.7
2003	28	77.2	80.5	91.6	105.9	0.0	89.0
2004	31	77.0	80.3	92.7	107.3	0.0	90.2
2005	43	75.6	79.4	92.3	106.7	0.0	89.1
2006	35	75.9	79.5	92.7	106.7	0.0	89.4
2007	41	77.4	80.7	92.4	106.5	0.0	89.8
2008	38	77.5	80.7	92.9	106.5	0.0	90.1
2009	16	78.2	81.1	92.6	106.6	0.0	90.2
2010	47	77.5	80.4	93.3	106.7	0.0	90.3
2011	34	77.9	80.4	93.3	106.9	0.0	90.5
2012	33	77.6	80.8	93.9	106.2	0.0	90.5
2013	30	78.7	81.2	93.7	106.0	0.0	90.7
2014	23	78.4	81.0	93.8	106.1	0.0	90.5
2015	25	79.6	82.1	94.4	106.4	0.0	91.7
2016	29	78.5	81.0	94.8	106.5	0.0	91.4
2017	48	79.4	81.6	94.0	106.0	0.0	91.1
2018	17	78.6	81.0	94.2	106.0	0.0	90.9

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	130	103.5	105.1	104.3	105.6	103.5	95.8	78.9	105.2
1981	193	103.5	105.2	104.4	105.8	103.5	95.5	78.8	105.3
1982	255	103.4	105.4	104.3	105.9	103.5	95.1	77.3	105.3
1983	249	103.4	105.3	104.2	105.7	103.5	95.1	76.9	105.2
1984	342	103.4	105.3	104.3	105.8	103.5	95.3	77.5	105.3
1985	282	103.5	105.5	104.7	106.1	103.8	95.8	78.0	105.6
1986	361	103.6	105.1	104.6	105.8	103.8	95.6	78.3	105.4
1987	410	103.4	105.1	104.7	105.7	103.5	95.4	80.2	105.5

1988	464	102.8	105.2	104.5	105.5	102.9	95.1	81.2	105.2
1989	327	103.6	104.7	104.6	105.4	103.6	95.4	79.8	105.2
1990	467	103.6	104.7	104.6	105.3	103.4	94.8	79.9	105.2
1991	245	103.4	103.7	103.9	104.3	103.1	95.4	79.7	104.3
1992	324	102.9	103.7	103.8	104.3	102.8	96.0	81.9	104.3
1993	236	102.7	102.8	103.3	103.5	102.5	96.8	83.1	103.6
1994	274	102.8	102.8	103.5	103.5	102.5	96.9	83.8	103.7
1995	248	102.1	102.5	102.8	103.0	101.9	96.9	84.5	103.1
1996	272	102.6	102.7	103.2	103.3	102.2	96.9	84.5	103.5
1997	303	102.3	102.9	103.3	103.5	102.1	96.8	85.1	103.6
1998	309	102.1	102.9	103.3	103.4	102.1	96.5	85.3	103.5
1999	415	102.3	101.6	102.8	102.3	101.8	96.3	85.7	102.8
2000	361	101.8	101.4	102.5	102.1	101.3	96.1	86.4	102.5
2001	356	101.6	101.9	102.6	102.4	101.4	96.0	86.7	102.7
2002	384	101.3	101.8	102.4	102.2	101.0	95.5	87.0	102.5
2003	426	101.5	101.7	102.5	102.2	101.0	95.2	86.8	102.5
2004	525	101.1	102.0	102.4	102.1	100.6	94.2	87.2	102.5
2005	558	100.9	102.2	102.4	102.1	100.5	93.8	86.8	102.5
2006	708	100.8	102.4	102.5	102.3	100.5	93.6	87.0	102.6
2007	744	100.7	102.3	102.8	102.3	100.6	93.7	87.3	102.8
2008	824	100.6	102.1	102.6	102.0	100.4	93.9	87.6	102.5
2009	1030	100.7	102.1	102.5	102.2	100.4	93.8	88.2	102.5
2010	1002	101.0	102.6	103.1	102.9	101.2	94.2	88.0	103.2
2011	1207	101.0	102.6	103.4	103.0	101.4	94.5	88.8	103.4
2012	1114	100.8	102.6	103.2	102.9	101.2	94.1	88.7	103.3
2013	1777	101.4	102.3	103.5	102.8	101.7	94.2	87.7	103.4
2014	1320	101.3	102.7	103.8	103.2	101.9	94.5	88.4	103.7
2015	1144	101.0	102.7	103.6	103.3	101.8	94.9	89.8	103.7
2016	1123	101.3	102.6	103.8	103.2	102.0	94.9	89.3	103.7
2017	1182	101.2	103.0	104.1	103.7	102.1	95.1	90.1	104.1
2018	823	101.5	102.6	104.0	103.5	102.4	95.6	89.7	104.0
2019	179	101.6	102.7	104.1	103.5	102.6	95.7	89.2	104.0

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1982	10	99.6	70.2	97.5	99.7	100.8
1984	10	98.7	70.2	96.5	99.0	100.1
1986	22	99.7	78.1	96.4	98.5	99.9
1987	29	100.6	63.3	96.0	98.7	100.3
1988	24	100.2	75.9	96.3	98.9	100.5
1989	20	99.5	80.2	96.6	98.8	99.4
1990	21	99.4	80.0	97.2	99.5	99.9
1991	20	99.2	80.7	96.3	98.3	99.2
1992	25	99.9	88.8	95.3	97.5	98.9
1993	32	100.4	82.1	95.1	96.7	98.4
1994	28	99.8	78.6	95.2	96.9	98.6
1995	29	99.8	65.4	95.0	96.6	98.3
1996	16	99.6	62.4	95.4	97.1	99.0
1997	22	99.0	72.3	95.2	96.9	98.8
1998	18	100.1	66.5	94.8	96.3	98.4
1999	37	102.7	88.3	94.7	96.2	98.3
2000	32	101.9	92.3	94.6	95.8	97.9
2001	19	102.5	85.7	94.8	95.9	98.1
2002	30	101.2	60.3	94.9	96.2	98.2
2003	17	101.0	76.9	95.5	96.6	98.3
2004	32	101.3	57.0	96.0	97.7	99.4
2005	48	101.2	53.3	96.2	97.7	99.5
2006	35	100.9	50.1	96.5	98.0	100.0

2007	28	101.3	32.7	96.5	98.3	100.1
2008	22	101.7	32.7	96.5	97.9	99.8
2009	10	101.2	51.0	96.4	97.4	98.7
2010	32	101.5	51.2	96.4	97.7	98.9
2011	24	100.8	63.9	97.0	98.1	98.8
2012	24	101.8	81.3	96.7	97.8	98.5
2013	19	101.1	65.2	97.5	98.1	98.7
2014	15	101.7	54.7	97.3	98.0	98.6
2015	18	101.6	80.2	97.1	97.6	97.9
2016	23	102.1	102.2	97.3	97.9	98.3
2017	27	101.6	71.6	97.3	97.8	97.9
2018	15	100.5	88.5	97.0	97.7	97.9

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	81	-253.3	-656.2	-305.7	99.6	105.2	89.5	103.1	99.4	0.0
1981	109	-260.5	-687.0	-320.9	100.5	105.3	90.2	102.7	99.8	0.0
1982	132	-261.5	-675.6	-363.5	100.5	105.3	89.4	103.3	100.0	0.0
1983	129	-264.2	-664.5	-407.8	99.7	105.2	89.4	104.1	99.3	0.0
1984	227	-282.8	-683.0	-555.1	99.7	105.3	89.6	102.9	99.8	0.0
1985	222	-205.4	-698.2	-601.1	99.5	105.6	89.2	102.7	99.2	374.5
1986	288	-207.4	-678.8	-657.1	99.3	105.4	90.4	104.4	99.1	333.7
1987	372	-199.5	-663.9	-571.2	99.6	105.5	89.7	105.0	99.1	323.1
1988	426	-209.2	-666.9	-550.2	99.8	105.2	90.3	104.8	99.2	298.3
1989	291	-194.6	-644.9	-519.7	99.0	105.2	89.6	105.6	99.2	328.8
1990	440	-193.4	-654.1	-519.4	99.7	105.2	89.1	104.8	99.0	354.2
1991	212	-178.3	-620.9	-425.4	98.7	104.3	90.9	104.5	98.5	378.1
1992	302	-173.1	-604.5	-402.4	98.1	104.3	90.7	106.6	98.5	357.7
1993	227	-152.7	-534.2	-372.5	97.4	103.6	90.9	106.9	97.8	357.8
1994	250	-134.9	-504.3	-292.7	97.6	103.7	91.1	106.3	98.2	348.7
1995	241	-136.6	-504.2	-304.7	97.3	103.1	90.4	106.6	98.3	363.0
1996	247	-136.6	-511.3	-307.2	98.0	103.5	90.7	104.7	98.6	360.5
1997	290	-134.2	-506.1	-308.3	97.8	103.6	91.4	106.1	98.9	346.2
1998	271	-131.2	-485.0	-326.2	97.2	103.5	90.9	105.9	99.2	352.3
1999	362	-111.9	-435.5	-275.6	97.1	102.8	91.7	108.0	99.1	337.9
2000	310	-100.3	-408.3	-259.1	96.7	102.5	90.9	107.0	99.3	343.7
2001	304	-102.3	-418.7	-267.9	96.8	102.7	91.4	106.8	99.5	347.9
2002	372	-97.7	-412.8	-265.8	97.1	102.5	90.6	106.6	99.5	357.0
2003	407	-82.4	-388.9	-189.1	97.3	102.5	91.6	105.9	99.6	351.0
2004	509	-49.8	-346.6	-82.1	98.5	102.5	92.7	107.3	98.9	352.4
2005	542	-38.8	-346.1	-2.0	98.6	102.5	92.3	106.7	98.7	357.0
2006	702	-23.1	-329.1	46.3	99.1	102.6	92.7	106.7	98.7	359.9
2007	760	-15.3	-314.5	64.9	99.2	102.8	92.4	106.5	99.1	358.0
2008	848	-29.2	-330.1	40.1	98.9	102.5	92.9	106.5	99.1	351.7
2009	1036	-32.7	-319.0	44.7	97.9	102.5	92.6	106.6	98.9	340.4
2010	999	-10.2	-300.4	80.2	98.2	103.2	93.3	106.7	100.0	345.7
2011	1169	-0.8	-292.7	109.4	98.3	103.4	93.3	106.9	100.3	339.7
2012	1078	-5.0	-294.1	82.9	98.0	103.3	93.9	106.2	100.4	329.4
2013	1713	-4.4	-292.1	73.7	98.3	103.4	93.7	106.0	100.1	317.7
2014	1246	0.3	-281.5	66.7	98.2	103.7	93.8	106.1	100.2	320.8
2015	1042	7.0	-254.7	62.3	97.5	103.7	94.4	106.4	100.9	307.5
2016	972	12.3	-245.7	90.0	98.0	103.7	94.8	106.5	100.7	311.2
2017	990	17.4	-234.0	94.8	97.6	104.1	94.0	106.0	101.2	301.8
2018	712	26.1	-219.9	136.9	97.6	104.0	94.2	106.0	101.4	310.2

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2004	15	107.7	109.8	105.1	104.3	100.7	103.7	99.1
2005	11	105.5	108.9	104.0	102.7	99.0	101.2	97.8
2006	18	109.5	110.6	107.1	106.7	99.8	104.2	98.2
2010	12	109.6	111.2	107.1	105.5	101.2	104.4	98.7
2011	19	109.1	111.1	106.8	104.9	100.7	104.1	98.6
2012	34	109.2	111.4	106.4	105.1	100.8	104.3	98.9
2013	132	108.9	111.5	106.3	104.6	101.3	103.8	99.2
2014	122	109.6	111.5	106.7	105.3	101.4	104.7	99.2
2015	10	108.3	110.4	106.8	104.2	99.9	104.7	99.1
2016	40	109.8	111.6	107.0	105.5	101.3	105.0	99.0
2017	29	109.6	111.4	107.1	105.2	101.5	105.1	99.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	18	99.7	98.1	99.7	98.1	88.9	103.9
1981	17	100.0	98.5	100.0	98.5	89.0	104.2
1982	28	100.0	98.6	100.0	98.6	88.9	104.4
1983	28	99.3	98.0	99.3	98.0	88.6	103.9
1984	49	99.7	98.6	99.7	98.6	88.9	104.1
1985	33	99.5	97.6	99.5	97.6	88.8	103.9
1986	66	98.9	98.7	98.9	98.7	88.4	104.2
1987	108	98.2	98.9	98.2	98.9	87.5	104.0
1988	124	99.1	98.4	99.1	98.4	88.7	104.6
1989	124	99.0	98.1	99.0	98.1	89.0	104.8
1990	168	99.1	97.8	99.1	97.8	88.9	104.8
1991	131	98.0	98.0	98.0	98.0	88.0	103.8
1992	142	97.6	98.5	97.6	98.5	87.3	104.8
1993	194	97.1	98.0	97.1	98.0	86.6	104.3
1994	234	97.4	98.4	97.4	98.4	87.2	104.1
1995	218	97.5	98.4	97.5	98.4	87.4	104.2
1996	199	97.8	98.4	97.8	98.4	87.5	104.4
1997	197	98.1	98.7	98.1	98.7	88.2	104.4
1998	245	98.6	98.8	98.6	98.8	88.5	104.2
1999	319	98.4	98.9	98.4	98.9	88.0	105.0
2000	306	98.3	99.1	98.3	99.1	88.2	105.1
2001	305	98.7	99.1	98.7	99.1	88.6	104.9
2002	329	98.8	99.0	98.8	99.0	88.6	104.8
2003	378	98.9	99.1	98.9	99.1	88.9	105.1
2004	433	98.4	98.8	98.4	98.8	88.3	105.0
2005	454	98.5	98.3	98.5	98.3	88.1	105.0
2006	511	98.5	98.3	98.5	98.3	88.1	105.1
2007	583	98.5	98.8	98.5	98.8	88.1	105.5
2008	604	98.2	98.8	98.2	98.8	88.0	104.8
2009	677	98.1	99.0	98.1	99.0	87.9	105.4
2010	669	98.9	99.0	98.9	99.0	88.3	105.4
2011	744	99.2	99.8	99.2	99.8	88.6	106.4
2012	786	99.5	99.5	99.5	99.5	88.8	106.0
2013	1127	99.4	99.4	99.4	99.4	88.8	106.3
2014	825	99.2	99.5	99.2	99.5	88.7	106.5
2015	870	99.7	99.7	99.7	99.7	90.0	106.1
2016	836	99.7	99.4	99.7	99.4	89.8	105.9
2017	844	99.9	99.7	99.9	99.7	90.0	105.9

2018	917	99.7	98.2	99.7	98.2	89.9	104.3
2019	864	99.8	88.9	99.8	88.9	89.8	94.3
2020	780	100.1	80.4	100.1	80.4	90.3	85.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	18	122.3	108.1	55.2	56.7	55.6	52.5
1981	20	122.8	108.2	54.5	51.0	49.9	47.2
1982	33	122.3	108.2	55.5	33.8	33.1	31.3
1983	33	121.3	107.6	56.8	14.0	13.8	13.0
1984	42	123.1	107.8	54.3	48.6	47.5	44.7
1985	39	121.2	107.5	57.0	24.2	23.1	21.7
1986	40	120.2	107.2	59.3	33.2	31.8	29.5
1987	66	118.7	107.7	60.9	32.9	31.7	29.3
1988	65	118.5	106.4	62.1	28.0	26.6	24.6
1989	67	119.4	106.7	60.7	28.6	27.2	25.3
1990	77	119.7	106.9	59.9	25.0	23.5	22.2
1991	60	119.4	107.3	60.6	33.6	31.8	29.6
1992	70	119.9	106.6	60.6	57.9	54.1	49.5
1993	77	119.5	106.6	60.9	55.1	51.3	47.3
1994	105	119.1	107.2	61.2	55.9	52.2	48.9
1995	93	118.2	107.2	62.4	43.4	40.8	38.2
1996	78	119.2	107.0	61.3	61.4	57.7	53.9
1997	91	117.8	107.1	62.8	53.8	50.5	47.4
1998	126	117.1	107.5	62.8	60.6	57.0	54.4
1999	153	117.4	107.1	62.8	79.6	75.0	69.6
2000	150	118.4	106.7	61.9	70.2	66.0	62.0
2001	155	117.9	106.9	62.4	70.2	66.4	62.5
2002	171	116.8	106.9	63.6	64.7	61.2	57.9
2003	220	116.4	107.0	63.5	62.9	59.5	56.9
2004	312	116.4	108.1	62.9	68.6	65.6	62.8
2005	320	117.2	108.0	61.7	78.1	75.2	71.8
2006	373	117.6	107.7	61.1	76.4	73.3	69.7
2007	453	116.6	108.3	62.2	81.6	79.0	75.3
2008	501	115.8	108.2	63.5	78.3	75.3	71.9
2009	644	115.3	108.5	63.9	72.6	69.8	66.5
2010	555	115.9	108.0	63.3	74.2	71.2	67.4
2011	730	116.1	107.8	62.9	79.5	76.2	72.1
2012	688	115.6	107.9	63.5	80.5	77.1	72.6
2013	930	115.3	108.0	63.6	86.8	82.9	78.4
2014	804	115.7	107.3	63.3	82.9	79.1	74.8
2015	812	114.4	107.5	64.9	83.8	79.6	75.5
2016	690	114.9	107.2	64.4	81.2	77.1	72.9
2017	616	114.3	108.0	65.1	81.0	76.6	72.7
2018	671	114.3	108.0	65.0	76.5	72.3	68.6
2019	449	113.5	108.4	66.1	65.8	62.3	59.1
2020	464	113.4	108.5	66.1	47.0	44.5	42.4

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	38	86.7	104.1	90.2	85.3	99.5	93.8	87.9	89.4	102.4	93.9	80.6
1981	33	86.7	104.4	89.9	85.0	100.0	93.1	88.1	88.7	102.8	93.4	80.6

1982	52	86.7	104.8	89.3	84.9	100.3	92.8	87.8	88.6	103.1	92.9	80.4
1983	44	86.4	104.6	89.9	85.0	99.9	93.4	87.4	89.0	103.0	93.4	80.3
1984	78	86.8	104.3	90.3	84.9	100.0	93.4	87.9	88.9	102.8	93.5	80.4
1985	64	86.6	104.4	90.6	85.3	99.3	94.2	87.6	89.2	102.6	94.0	81.0
1986	99	86.2	103.9	91.3	84.6	99.4	94.8	87.3	88.9	102.7	94.7	80.5
1987	112	86.7	103.8	91.9	84.2	99.9	95.2	87.3	89.8	103.0	95.3	80.2
1988	136	86.2	103.4	91.6	84.2	99.0	94.9	87.0	89.6	102.4	94.7	80.3
1989	116	86.2	103.4	91.6	84.4	99.0	94.8	87.0	89.7	102.4	94.6	80.4
1990	145	85.7	103.5	91.4	84.2	98.7	94.7	86.5	89.4	102.3	94.3	80.0
1991	95	85.8	103.1	91.5	84.5	98.2	95.5	86.9	89.4	101.9	95.0	80.3
1992	124	85.7	103.0	91.7	84.4	97.6	96.6	86.2	90.4	101.8	96.0	80.0
1993	112	85.4	102.7	92.0	84.2	96.9	97.7	85.5	91.6	101.7	96.8	79.7
1994	139	85.4	102.6	91.9	84.0	97.3	97.2	85.8	90.7	101.8	96.5	79.7
1995	132	85.1	102.7	91.6	83.8	97.0	97.3	85.5	90.7	101.8	96.3	79.6
1996	135	85.4	102.6	91.6	84.0	97.3	96.7	85.9	90.7	101.7	95.9	79.8
1997	107	85.5	102.9	91.6	83.8	98.0	96.8	86.0	90.2	102.2	96.1	79.8
1998	154	85.6	102.5	92.1	83.8	97.6	97.2	86.0	90.7	101.9	96.4	79.7
1999	191	85.9	103.0	91.9	84.0	97.9	97.0	85.6	92.1	102.3	96.1	79.7
2000	160	85.8	102.5	91.8	83.8	97.4	96.8	85.7	92.1	101.8	96.3	79.2
2001	166	86.0	102.6	91.7	84.1	97.6	97.2	86.1	91.8	101.9	96.5	79.8
2002	171	86.1	102.8	91.5	84.3	97.5	97.0	86.0	92.2	102.1	96.2	80.1
2003	145	86.3	103.0	91.9	84.4	97.9	96.9	86.2	91.9	102.3	96.2	80.4
2004	170	86.8	102.9	92.2	84.0	98.7	96.9	86.5	92.3	102.6	96.4	80.3
2005	150	86.8	102.4	93.0	83.8	98.5	97.6	86.5	92.4	102.4	97.3	80.0
2006	166	86.8	102.2	92.9	83.1	99.1	97.6	86.3	92.4	102.7	97.7	79.3
2007	97	87.1	102.5	92.8	83.6	99.2	97.2	86.6	92.5	102.7	97.1	79.8
2008	115	87.1	102.7	92.9	83.7	99.5	97.4	86.6	92.5	102.9	97.3	79.8
2009	115	87.0	102.8	92.8	84.0	99.2	97.2	86.5	92.6	102.7	96.9	80.2
2010	67	88.5	102.7	93.2	83.9	100.6	97.5	87.8	93.1	103.4	97.9	80.5
2011	39	88.7	102.4	93.4	83.9	100.4	98.2	88.0	93.4	103.2	98.3	80.8
2012	25	88.6	102.8	93.4	83.8	101.0	97.5	87.7	93.2	103.6	97.8	80.5
2013	13	89.3	102.9	93.4	84.8	101.1	97.2	88.7	92.9	103.4	97.6	81.9
2014	11	89.0	102.8	93.2	83.7	101.7	97.5	88.1	93.4	104.0	97.9	80.6
2016	12	88.2	101.9	93.5	83.6	100.2	97.8	87.5	93.4	102.9	98.2	80.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	14	91.1	89.0	100.6
1981	13	91.1	88.9	101.0
1982	24	91.4	89.1	101.0
1983	17	91.6	89.6	100.3
1984	39	92.2	90.1	101.0
1985	14	92.9	91.0	100.4
1986	37	92.3	90.9	100.4
1987	90	92.3	90.7	100.2
1988	64	92.8	91.4	100.2
1989	73	92.9	91.2	100.3
1990	90	93.4	91.5	100.2
1991	70	93.3	91.7	99.8
1992	98	92.1	90.8	100.0
1993	158	91.8	90.4	99.7
1994	192	92.2	90.9	99.7
1995	199	92.0	90.7	99.6
1996	183	91.8	90.5	99.9
1997	168	92.3	90.9	99.9
1998	231	92.5	91.2	99.6
1999	315	91.8	90.6	99.7
2000	288	91.2	90.0	99.4

2001	275	91.7	90.5	99.2
2002	305	92.0	90.9	99.7
2003	342	93.0	91.6	99.9
2004	389	92.0	90.5	100.0
2005	435	91.8	90.1	100.4
2006	494	91.8	90.1	100.5
2007	540	91.8	90.5	100.5
2008	531	90.9	89.7	100.3
2009	595	91.5	90.1	100.4
2010	573	92.0	90.4	100.9
2011	691	91.3	89.6	101.0
2012	763	91.5	89.8	101.1
2013	1113	90.9	89.0	101.2
2014	830	90.8	88.9	101.3
2015	1087	91.9	89.9	101.4
2016	892	91.8	89.7	101.1
2017	894	92.1	90.0	101.2
2018	1055	91.7	89.6	101.1
2019	950	91.8	89.6	101.1
2020	698	91.9	89.8	101.2

Tabel: 166 Jersey: Levensproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	286	-3172.7	-15785.3	-454.3	-487.1
2002	344	-3142.4	-15619.4	-451.0	-482.2
2003	374	-2707.5	-14167.8	-371.4	-422.0
2004	470	-2002.1	-11509.8	-247.7	-322.5
2005	501	-1599.5	-10378.1	-167.3	-269.4
2006	638	-1299.5	-9449.1	-101.0	-233.5
2007	700	-1142.9	-9005.9	-77.0	-209.1
2008	755	-1336.1	-9577.3	-111.7	-236.6
2009	985	-1267.3	-9372.8	-99.6	-226.7
2010	939	-979.6	-8298.1	-46.4	-187.4
2011	1119	-788.6	-7719.1	-6.6	-163.2
2012	1054	-950.7	-8559.2	-31.8	-187.1
2013	1705	-985.2	-8828.4	-35.4	-193.0
2014	1237	-973.5	-8810.5	-30.1	-192.9
2015	1017	-881.5	-8503.5	-21.1	-176.2
2016	978	-687.3	-7858.0	21.2	-152.7
2017	991	-607.2	-7522.2	30.0	-138.8
2018	728	-302.1	-6543.3	86.5	-96.6

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

Jaar	Aantal	Eff	Int	Gewen
1990	13	94.8	96.4	103.8
1992	28	94.5	96.7	104.0
1993	32	94.6	96.3	105.0
1994	40	94.9	96.4	104.3
1995	19	94.8	96.7	103.8
1996	10	95.1	95.6	104.1
1997	19	94.5	96.0	104.8
1998	34	94.2	96.0	106.2

1999	78	94.7	96.4	106.2
2000	43	94.7	96.4	106.4
2001	40	94.2	96.5	105.6
2002	63	93.9	96.4	105.6
2003	88	93.9	95.4	106.6
2004	114	93.1	96.4	107.1
2005	125	93.3	95.1	107.7
2006	166	93.3	94.6	108.1
2007	185	93.5	95.3	107.0
2008	194	93.7	95.8	107.0
2009	320	94.0	95.6	107.4
2010	250	93.7	95.8	107.5
2011	314	93.4	96.3	107.4
2012	335	93.5	95.8	108.0
2013	365	93.5	95.4	108.2
2014	347	93.2	95.9	108.3
2015	326	93.8	94.7	108.3
2016	335	93.9	95.2	107.9
2017	395	94.1	94.9	108.1
2018	220	94.7	94.8	108.1

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	81	103.1	96.7	0	0.0	0.0	0	0.0
1981	109	102.7	96.6	0	0.0	0.0	0	0.0
1982	132	102.6	96.7	0	0.0	0.0	0	0.0
1983	129	102.7	96.5	0	0.0	0.0	0	0.0
1984	227	102.8	96.7	0	0.0	0.0	0	0.0
1985	222	102.6	96.7	225	-10.7	374.5	0	0.0
1986	288	102.4	96.6	292	-9.9	333.7	0	0.0
1987	372	102.9	96.6	374	-9.6	323.1	0	0.0
1988	426	103.5	96.3	426	-9.2	298.3	0	0.0
1989	291	104.2	96.5	291	-9.6	328.8	0	0.0
1990	440	104.1	96.7	440	-10.1	354.2	0	0.0
1991	212	104.4	96.6	212	-10.2	378.1	0	0.0
1992	302	104.1	96.1	303	-9.8	357.7	0	0.0
1993	227	104.7	96.3	227	-9.4	357.8	0	0.0
1994	250	105.0	96.4	250	-9.0	348.7	0	0.0
1995	241	104.7	95.9	241	-9.3	363.0	0	0.0
1996	247	104.8	96.2	247	-9.3	360.5	0	0.0
1997	290	104.8	96.1	290	-9.0	346.2	0	0.0
1998	271	103.8	95.6	271	-9.0	352.3	0	0.0
1999	362	104.3	95.9	362	-8.4	337.9	0	0.0
2000	310	104.2	95.6	310	-8.3	343.7	0	0.0
2001	304	103.8	95.6	304	-8.4	347.9	24	59.2
2002	372	103.9	95.6	372	-8.6	357.0	33	60.3
2003	407	104.6	96.0	407	-8.3	351.0	27	60.7
2004	509	105.7	96.4	509	-8.1	352.4	31	60.9
2005	542	105.7	96.9	542	-8.2	357.0	43	63.4
2006	702	106.7	96.7	702	-8.1	359.9	35	62.0
2007	760	106.7	96.7	761	-8.0	358.0	41	61.0
2008	848	106.2	95.9	848	-8.0	351.7	38	60.3
2009	1036	106.6	96.1	1036	-7.7	340.4	16	60.2
2010	999	107.1	97.0	999	-7.7	345.7	47	60.0
2011	1169	107.2	96.7	1169	-7.5	339.7	34	60.6
2012	1078	107.4	96.4	1078	-7.4	329.4	33	63.3
2013	1713	107.3	96.5	1714	-7.2	317.7	30	62.8
2014	1246	107.1	96.5	1246	-7.2	320.8	23	62.9

2015	1042	107.4	96.5	1042	-6.8	307.5	25	66.1
2016	972	107.5	96.3	972	-6.8	311.2	29	66.5
2017	990	107.8	96.6	991	-6.6	301.8	48	68.2
2018	710	107.6	96.3	714	-6.6	310.2	17	67.6

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	16	99.7	0	0.0	0	0.0	16	96.0
1987	40	99.8	0	0.0	0	0.0	40	97.2
1988	46	99.8	0	0.0	0	0.0	46	97.6
1989	45	99.8	0	0.0	0	0.0	45	98.0
1990	43	100.0	0	0.0	0	0.0	43	98.1
1991	37	99.9	0	0.0	0	0.0	37	98.0
1992	60	99.9	0	0.0	0	0.0	60	96.5
1993	61	100.0	0	0.0	0	0.0	61	96.9
1994	78	99.9	0	0.0	0	0.0	78	97.0
1995	75	99.9	0	0.0	0	0.0	75	98.2
1996	53	99.9	0	0.0	0	0.0	53	97.9
1997	78	100.0	0	0.0	0	0.0	78	98.8
1998	101	100.0	0	0.0	0	0.0	101	99.5
1999	129	100.0	0	0.0	0	0.0	129	99.4
2000	126	100.0	0	0.0	0	0.0	126	99.3
2001	145	100.0	0	0.0	0	0.0	145	100.3
2002	179	100.0	0	0.0	0	0.0	179	100.5
2003	208	100.1	0	0.0	0	0.0	208	102.0
2004	317	100.1	0	0.0	0	0.0	317	101.8
2005	321	100.1	0	0.0	0	0.0	321	102.2
2006	420	100.1	0	0.0	0	0.0	420	102.1
2007	494	100.1	0	0.0	0	0.0	494	103.2
2008	542	100.0	0	0.0	0	0.0	542	102.1
2009	720	100.0	0	0.0	0	0.0	720	102.2
2010	701	100.0	0	0.0	0	0.0	701	101.5
2011	781	100.0	0	0.0	0	0.0	781	101.3
2012	768	100.0	0	0.0	0	0.0	768	101.4
2013	986	100.0	0	0.0	0	0.0	986	101.5
2014	792	100.0	0	0.0	0	0.0	792	101.3
2015	749	100.0	0	0.0	11	94.6	749	100.2
2016	713	100.0	0	0.0	2	95.0	713	100.8
2017	743	100.0	0	0.0	0	0.0	743	100.3
2018	491	100.0	0	0.0	0	0.0	491	100.5

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	14	103.3	102.4	104.4	101.5	103.9	102.6
1999	15	101.9	101.5	102.7	100.1	102.9	100.9
2000	15	102.2	101.6	103.0	100.5	103.2	101.4
2003	10	104.1	103.6	104.8	102.1	103.6	102.1
2004	48	104.3	103.9	105.2	102.7	104.0	102.2
2005	51	104.2	103.7	105.3	102.2	104.4	102.8
2006	48	104.1	103.4	105.1	102.0	104.3	102.9
2007	57	103.5	103.0	104.7	101.6	103.9	102.4
2008	46	102.3	102.0	103.3	100.7	103.2	101.2

2009	64	103.3	102.9	104.2	101.5	103.9	101.8
2010	63	103.6	102.9	104.7	101.5	104.2	102.5
2011	111	103.8	103.2	104.8	101.7	104.3	102.6
2012	76	103.6	102.9	104.6	101.7	103.9	102.2
2013	277	103.4	102.8	104.3	101.5	103.8	102.0
2014	155	103.8	103.1	104.7	101.9	104.0	102.4
2015	27	103.1	102.7	104.0	101.2	103.7	101.8
2016	34	102.7	102.2	103.6	100.9	103.4	101.1

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1991	13	-1839.8	-90.8	-79.1	-90.8	-21.2	-24.6	-13.5	-542.2
1992	12	-1628.0	-86.1	-73.7	-81.0	-29.6	-28.8	-12.8	-507.2
1994	14	-1805.1	-91.9	-78.1	-89.1	-26.7	-25.4	-13.0	-539.9
1995	13	-2140.8	-101.1	-87.8	-104.5	-13.6	-20.2	-14.2	-603.5
1996	11	-2201.0	-103.7	-87.2	-107.1	-13.0	-13.4	-14.0	-607.6
1997	27	-2365.9	-113.6	-94.7	-114.7	-20.2	-18.0	-14.5	-661.3
1998	12	-2334.2	-113.5	-93.8	-113.2	-24.0	-19.2	-14.0	-657.0
2000	15	-2309.9	-111.5	-93.3	-112.0	-22.9	-20.7	-13.9	-650.3
2001	12	-2119.7	-104.7	-93.5	-93.7	-23.7	-35.8	8.7	-631.2
2003	12	-2317.2	-112.6	-92.7	-93.8	-22.0	-16.6	36.1	-644.8

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

Tabel: 172 Lakenvelder - zwartbont: Vruchtbaarheidsskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1987	14	99.6	105.4	101.0	102.9	99.9	95.1	95.2	102.0
1988	20	99.8	104.8	100.2	102.2	99.4	94.4	93.8	101.4
1989	12	100.6	104.6	100.8	102.4	100.2	94.8	92.1	101.8
1990	34	99.7	104.1	99.8	101.6	99.3	94.4	93.8	100.9
1991	32	99.3	105.8	100.8	103.1	99.7	94.5	94.2	102.2
1992	60	100.4	104.5	100.5	102.3	100.0	95.1	93.3	101.5
1993	40	100.5	104.5	100.3	102.3	100.1	94.8	93.4	101.5
1994	33	100.2	105.9	101.3	103.4	100.5	95.2	93.8	102.6
1995	54	100.4	104.4	100.2	102.2	99.9	94.9	92.6	101.3
1996	86	99.8	105.6	100.8	103.0	99.9	94.4	93.1	102.2
1997	105	100.7	104.8	100.9	102.8	100.4	94.9	92.9	102.0
1998	113	100.2	105.1	100.6	102.8	100.0	94.4	92.7	101.9
1999	136	100.2	104.7	100.5	102.5	100.0	94.5	92.4	101.6
2000	136	100.6	105.3	101.0	103.1	100.5	94.8	92.9	102.2
2001	130	99.9	106.1	101.2	103.5	100.3	94.0	92.6	102.5
2002	150	100.0	105.7	100.8	103.1	100.1	93.9	92.3	102.2
2003	122	99.6	105.9	100.8	103.2	99.9	94.1	92.9	102.2
2004	88	99.9	105.6	101.0	103.1	100.0	94.2	92.8	102.2
2005	109	99.7	105.9	101.0	103.3	100.0	94.4	93.3	102.4
2006	74	99.9	105.7	101.1	103.3	100.2	93.8	92.9	102.4
2007	59	99.6	105.7	100.6	102.9	99.7	93.8	93.0	101.9
2008	62	99.5	106.0	100.8	103.2	99.9	94.1	93.2	102.2
2009	53	99.5	105.5	100.4	102.7	99.7	94.1	92.9	101.8
2010	34	99.5	105.9	100.6	103.1	99.7	94.0	92.9	102.1
2011	44	99.3	105.7	100.3	102.7	99.4	93.6	93.1	101.7
2012	40	98.5	106.2	100.2	102.9	99.0	93.5	93.2	101.7
2013	42	98.9	105.9	100.3	102.8	99.4	93.9	92.6	101.8

2014	22	98.1	106.4	100.1	103.0	98.9	93.4	92.6	101.7
2015	27	98.7	106.6	100.8	103.6	99.5	93.9	92.6	102.4
2016	20	98.8	106.5	100.4	103.2	99.4	93.1	91.7	102.0
2017	14	97.5	107.2	100.1	103.3	98.2	91.6	92.7	101.8
2018	12	99.4	106.0	100.4	103.0	99.5	92.8	90.6	101.9

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1991	13	-195.8	-542.2	-590.2	104.9	102.2	0.0	0.0	98.0	104.4
1992	12	-229.5	-507.2	-173.3	100.7	101.5	100.0	98.0	99.4	127.2
1994	14	-203.2	-539.9	-125.5	103.1	102.6	0.0	0.0	97.5	127.4
1995	13	-269.2	-603.5	-556.5	103.3	101.3	96.0	98.0	99.1	88.5
1996	11	-273.0	-607.6	-455.9	101.7	102.2	99.0	98.0	98.5	66.5
1997	27	-287.9	-661.3	-538.7	102.1	102.0	99.0	97.0	99.8	84.4
1998	12	-295.7	-657.0	-421.3	102.0	101.9	0.0	0.0	99.4	86.2
2000	15	-254.2	-650.3	-327.6	102.1	102.2	96.0	97.0	99.3	127.3
2001	12	-269.5	-631.2	-449.0	103.0	102.5	97.0	98.0	99.9	103.2
2003	12	-254.0	-644.8	-307.1	103.3	102.2	0.0	0.0	98.7	95.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1997	21	101.8	98.5	101.8	98.5	95.1	99.8
1998	25	102.1	98.0	102.1	98.0	95.2	99.4
1999	36	102.9	97.5	102.9	97.5	95.8	99.3
2000	47	102.6	95.6	102.6	95.6	95.5	97.1
2001	66	102.5	80.4	102.5	80.4	95.4	81.5
2002	58	102.1	91.2	102.1	91.2	95.2	92.5
2003	46	102.2	92.8	102.2	92.8	95.1	94.5
2004	53	101.3	93.6	101.3	93.6	94.3	95.0
2005	76	101.5	97.3	101.5	97.3	94.7	98.8
2006	51	101.4	97.8	101.4	97.8	94.6	99.2
2007	32	101.7	98.6	101.7	98.6	94.7	99.5
2008	37	102.5	98.2	102.5	98.2	95.4	99.5
2009	34	102.0	98.4	102.0	98.4	95.1	99.5
2010	28	102.6	98.0	102.6	98.0	95.5	99.3
2011	33	102.1	98.6	102.1	98.6	95.3	99.7
2012	35	102.6	98.5	102.6	98.5	95.6	99.7
2013	35	102.9	98.2	102.9	98.2	95.9	99.5
2014	27	103.4	98.2	103.4	98.2	96.1	99.5
2015	27	103.0	98.1	103.0	98.1	95.8	99.6
2016	24	104.6	98.2	104.6	98.2	97.0	99.6
2017	16	104.5	79.7	104.5	79.7	97.4	81.2
2018	24	103.1	73.6	103.1	73.6	96.3	74.7
2019	16	103.1	73.6	103.1	73.6	96.4	74.7

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1991	10	99.9	104.2	99.2	0.0	0.0	0.0
1993	12	99.8	103.7	99.3	0.0	0.0	0.0
1995	13	99.6	103.8	99.6	7.5	7.5	6.8
1996	17	99.6	104.6	99.5	5.9	5.6	5.3
1997	26	100.2	104.4	98.4	19.2	18.4	17.6
1998	19	101.3	103.4	97.4	31.5	30.2	28.0
1999	31	99.5	104.9	99.4	38.2	36.9	34.9
2000	46	100.2	104.9	98.6	68.1	67.0	62.9
2001	37	100.0	104.9	98.7	60.6	59.9	55.7
2002	38	99.5	103.8	99.3	66.6	65.8	61.0
2003	37	99.9	103.8	98.8	55.9	54.5	51.5
2004	30	100.9	104.8	97.6	66.2	64.3	62.1
2005	43	101.8	103.5	96.3	80.0	78.1	74.2
2006	33	100.6	103.3	97.9	71.4	69.9	65.6
2007	32	101.4	104.4	96.8	83.5	81.8	77.5
2008	40	101.2	104.6	97.3	78.4	77.5	74.1
2009	34	102.1	104.0	96.1	72.5	71.1	67.8
2010	31	100.8	104.9	97.8	60.3	59.3	56.3
2011	37	102.0	104.1	96.1	50.8	49.3	47.0
2012	29	101.7	105.2	96.6	84.7	83.3	79.6
2013	27	103.6	103.9	94.4	87.6	86.0	82.6
2014	19	101.2	104.4	97.3	92.6	91.4	86.5
2015	20	101.9	102.7	96.2	78.5	77.0	72.3
2016	12	102.7	105.2	95.4	90.5	88.3	86.1
2018	16	101.8	103.2	96.7	49.3	48.1	46.3
2019	15	101.1	104.4	97.5	26.0	25.9	25.5

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	95.7	105.5	93.3	97.8	101.3	97.5	95.9	95.3	103.7	95.0	92.8
1991	18	95.1	104.2	91.2	95.9	101.3	96.8	94.9	95.6	103.2	94.2	90.8
1992	29	93.0	100.8	93.9	96.1	96.8	98.7	94.0	95.8	99.6	95.4	90.3
1993	25	94.7	104.1	91.5	97.1	99.7	97.5	94.6	96.3	102.5	93.9	91.6
1994	27	94.4	103.4	92.7	96.0	100.2	97.8	94.5	95.6	102.5	95.2	90.3
1995	39	93.4	103.7	92.4	96.6	98.7	98.4	93.6	95.7	102.0	94.5	90.8
1996	58	95.2	105.6	92.3	96.7	102.0	96.9	95.1	95.1	104.2	93.8	91.9
1997	76	94.6	105.1	93.2	95.6	101.5	97.4	94.1	95.9	103.9	94.6	90.6
1998	76	95.0	105.6	91.5	96.3	101.9	97.0	94.7	95.6	104.4	94.0	91.2
1999	90	93.8	104.1	91.6	95.7	100.3	97.1	94.0	94.8	102.8	93.6	90.4
2000	98	94.6	106.2	91.5	95.8	102.0	96.8	94.0	95.7	104.6	93.7	90.5
2001	78	94.8	106.1	91.3	95.4	102.6	96.4	94.3	95.5	104.9	93.5	90.3
2002	101	94.2	105.3	90.8	95.4	101.7	96.6	94.0	94.9	104.1	93.3	90.1
2003	88	94.4	106.1	91.8	95.8	101.9	97.6	93.8	95.5	104.6	94.2	90.5
2004	52	94.8	106.8	90.8	96.1	102.8	96.8	94.4	94.7	105.2	93.5	90.7
2005	66	94.2	107.1	90.3	95.8	102.9	96.7	93.8	94.2	105.5	93.1	90.4
2006	38	94.4	106.7	90.2	95.6	102.7	96.6	94.0	94.3	105.3	93.1	90.3
2007	19	94.6	106.4	90.7	96.0	102.4	96.6	94.7	94.0	104.8	93.2	90.9
2008	27	93.7	106.2	90.6	95.7	101.4	96.9	93.1	95.5	104.8	92.7	90.1
2009	19	93.3	105.8	90.7	95.3	101.0	97.1	92.9	95.2	104.3	92.8	89.8
2010	11	92.8	106.0	91.4	94.7	101.5	97.3	92.5	94.1	104.7	92.6	89.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1997	33	102.2	99.9	102.1
1998	27	102.4	100.3	102.4
1999	43	102.6	100.2	102.3
2000	71	102.2	100.1	102.1
2001	68	102.2	100.1	102.1
2002	66	101.9	99.8	102.0
2003	58	102.0	99.7	102.1
2004	63	102.0	99.7	102.0
2005	102	102.0	99.7	102.1
2006	63	102.0	99.8	101.9
2007	38	102.4	100.2	102.1
2008	47	102.6	100.3	102.3
2009	41	102.3	100.0	102.4
2010	32	102.3	100.1	102.4
2011	36	102.2	99.8	102.3
2012	36	102.2	99.9	102.5
2013	35	102.1	99.8	102.4
2014	33	102.6	100.4	102.5
2015	27	102.5	100.3	102.2
2016	27	103.6	101.5	102.6
2017	15	104.6	102.3	102.3
2018	21	103.3	101.3	102.5
2019	16	104.3	102.2	102.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	12	-4564.3	-17361.8	-775.3	-655.8
2003	11	-4308.8	-16679.2	-736.5	-612.0

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1991	13	100.2	100.1	13	-5.2	104.4	0	0.0
1992	12	100.7	100.1	12	-5.4	127.2	0	0.0
1994	14	101.9	100.2	14	-5.6	127.4	0	0.0
1995	13	99.3	98.2	13	-5.4	88.5	0	0.0
1996	11	100.2	99.9	13	-4.8	66.5	0	0.0
1997	27	100.2	99.3	31	-5.4	84.4	0	0.0
1998	12	98.0	97.0	12	-5.8	86.2	0	0.0
2000	15	100.5	100.1	17	-6.0	127.3	0	0.0
2001	12	100.2	99.2	12	-5.7	103.2	2	89.0
2002	0	102.7	102.6	11	-5.3	104.8	0	0.0
2003	12	101.7	103.2	12	-5.7	95.6	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1988	11	-1249.5	-60.8	-59.5	-63.7	-11.0	-25.7	-12.3	-391.1
1989	10	-1295.5	-62.5	-57.9	-65.8	-9.9	-19.2	-12.1	-388.4
1990	11	-1405.9	-68.8	-62.6	-70.9	-13.6	-21.7	-12.5	-422.7
1992	15	-1944.3	-97.0	-81.5	-95.5	-23.9	-21.9	-13.4	-566.5
1994	14	-1832.9	-91.3	-78.5	-90.4	-22.4	-24.5	-13.2	-540.6
1996	11	-2283.7	-112.5	-94.5	-110.9	-27.7	-25.9	-13.9	-656.9
1997	19	-2290.5	-107.4	-92.8	-111.1	-11.9	-20.1	-13.9	-639.7
1998	24	-1806.5	-86.5	-79.1	-89.2	-12.9	-26.5	-13.2	-533.0
1999	13	-2077.3	-100.8	-82.8	-101.5	-20.2	-13.8	-13.9	-581.4
2000	25	-2272.6	-114.8	-96.0	-108.4	-33.4	-28.9	-9.0	-667.5
2001	10	-2046.8	-102.3	-85.8	-95.7	-26.2	-23.6	-1.3	-595.3
2002	12	-2091.9	-109.8	-89.8	-99.4	-40.2	-30.0	-7.2	-628.6

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1988	14	99.4	103.7	99.1	101.1	98.6	94.8	94.9	100.1
1989	17	99.9	105.4	100.8	102.8	99.8	95.0	95.3	102.1
1990	30	99.9	104.9	100.5	102.4	99.5	94.7	94.0	101.5
1991	27	100.1	105.7	101.1	103.4	100.4	95.1	95.3	102.5
1992	40	100.6	105.7	101.3	103.5	100.5	95.0	94.0	102.6
1993	40	100.5	105.7	101.5	103.5	100.8	95.2	94.7	102.7
1994	55	100.3	105.3	101.0	102.9	100.2	95.2	93.7	102.1
1995	52	100.2	105.8	101.3	103.3	100.2	95.1	94.1	102.5
1996	68	100.3	106.0	101.3	103.5	100.5	95.1	94.1	102.7
1997	96	100.3	105.8	101.5	103.5	100.5	95.2	94.8	102.8
1998	121	100.6	105.6	101.5	103.5	100.7	95.3	93.9	102.8
1999	126	100.3	105.7	101.2	103.3	100.4	94.7	93.3	102.5
2000	163	99.7	106.1	101.1	103.5	100.0	94.3	93.9	102.5
2001	156	100.0	106.1	101.2	103.5	100.3	94.3	93.2	102.6
2002	156	99.6	105.9	100.7	103.1	99.7	93.6	92.5	102.1
2003	150	99.4	106.4	101.2	103.5	100.0	94.0	93.3	102.6
2004	155	99.7	105.7	100.6	102.9	99.8	93.6	92.1	101.9
2005	131	99.7	105.9	100.9	103.1	100.0	93.7	92.7	102.2
2006	108	100.1	105.2	100.6	102.6	100.0	93.7	91.5	101.7
2007	58	100.0	105.6	100.8	103.0	100.1	94.0	92.4	102.0
2008	61	100.1	105.2	100.7	102.7	100.1	93.7	92.0	101.8
2009	62	99.8	105.7	100.9	103.0	100.1	93.6	92.2	102.1
2010	63	100.0	105.4	100.8	102.8	100.1	93.6	91.7	102.0
2011	49	100.4	104.7	100.5	102.4	100.2	94.0	91.2	101.6
2012	56	99.9	105.1	100.4	102.5	99.8	93.2	90.8	101.6
2013	45	99.9	105.4	100.6	102.7	99.9	93.4	91.2	101.8
2014	45	99.2	105.4	100.3	102.6	99.4	92.9	91.5	101.6
2015	36	98.3	106.1	100.1	102.7	98.8	91.8	91.4	101.6
2016	26	99.3	105.6	100.4	102.8	99.5	92.7	91.9	101.7
2017	29	99.3	105.8	100.5	102.9	99.6	92.5	92.0	101.9
2018	14	98.6	105.7	99.9	102.5	98.9	91.3	91.0	101.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1988	11	-157.9	-391.1	-326.2	105.0	100.1	96.0	98.0	95.3	62.4
1989	10	-155.1	-388.4	-495.0	103.0	102.1	0.0	0.0	95.3	46.0
1990	11	-162.9	-422.7	-429.4	103.2	101.5	0.0	0.0	97.0	56.9
1992	15	-210.1	-566.5	-309.2	104.4	102.6	96.5	98.0	98.0	96.7
1994	14	-205.2	-540.6	-271.9	103.9	102.1	99.0	97.0	96.8	136.5
1996	11	-261.8	-656.9	-382.8	103.4	102.7	96.0	96.0	98.4	135.1
1997	19	-248.3	-639.7	-614.0	103.2	102.8	0.0	0.0	98.6	110.9
1998	24	-219.2	-533.0	-417.1	101.9	102.8	98.0	98.0	99.3	74.9
1999	13	-248.4	-581.4	-367.3	103.2	102.5	0.0	0.0	99.2	85.6
2000	25	-252.7	-667.5	-356.2	103.3	102.5	0.0	0.0	98.2	126.4
2001	10	-217.4	-595.3	-160.2	102.9	102.6	0.0	0.0	98.7	109.2
2002	12	-231.1	-628.6	-372.1	103.8	102.1	0.0	0.0	99.2	140.3

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1995	15	101.1	97.3	101.1	97.3	94.2	99.0
1996	30	101.2	97.4	101.2	97.4	94.6	99.2
1997	37	101.0	98.1	101.0	98.1	94.4	99.5
1998	63	101.2	98.6	101.2	98.6	94.8	99.9
1999	58	101.5	97.9	101.5	97.9	94.8	99.7
2000	86	101.8	96.8	101.8	96.8	94.8	99.1
2001	73	101.6	93.5	101.6	93.5	94.7	95.4
2002	87	101.6	95.7	101.6	95.7	94.8	97.3
2003	115	101.5	97.4	101.5	97.4	94.5	99.3
2004	113	102.1	98.1	102.1	98.1	95.3	99.7
2005	102	101.9	98.0	101.9	98.0	95.1	99.6
2006	84	101.9	98.2	101.9	98.2	95.1	99.7
2007	43	101.7	97.7	101.7	97.7	94.9	99.6
2008	46	102.1	98.4	102.1	98.4	95.3	99.8
2009	43	102.0	98.1	102.0	98.1	95.1	99.7
2010	50	102.0	98.4	102.0	98.4	95.3	99.8
2011	41	102.4	98.5	102.4	98.5	95.5	99.8
2012	38	102.2	98.6	102.2	98.6	95.4	99.9
2013	37	102.1	98.6	102.1	98.6	95.3	100.0
2014	36	103.6	98.4	103.6	98.4	96.5	100.0
2015	29	105.0	95.0	105.0	95.0	97.4	96.8
2016	24	105.5	98.7	105.5	98.7	97.9	100.3
2017	22	105.1	98.6	105.1	98.6	97.7	100.3
2018	19	104.8	93.3	104.8	93.3	97.4	95.1
2020	12	105.1	98.8	105.1	98.8	97.7	100.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1992	12	99.8	104.1	99.0	24.4	24.0	23.0
1993	14	98.9	104.9	100.3	6.9	6.9	6.5
1994	10	99.7	104.7	99.0	0.0	0.0	0.0

1995	14	100.1	104.3	98.4	28.4	27.4	26.6
1996	31	100.7	103.6	97.8	16.2	15.4	14.4
1997	31	99.7	104.6	99.2	29.0	27.7	26.1
1998	37	101.2	103.5	97.2	32.2	31.3	29.4
1999	32	99.7	104.0	99.0	43.1	42.0	40.4
2000	50	99.2	103.6	99.4	80.9	77.9	74.5
2001	49	99.4	103.6	99.2	76.5	73.9	69.8
2002	44	99.8	103.9	98.6	85.4	82.6	77.5
2003	55	99.9	103.9	98.4	84.2	81.9	76.8
2004	49	100.7	104.2	97.5	86.3	84.4	79.5
2005	57	101.4	103.9	96.8	83.0	80.8	76.3
2006	38	101.8	103.8	96.2	91.0	88.2	82.8
2007	42	101.3	103.0	96.6	94.0	91.1	85.3
2008	47	101.9	103.5	95.9	96.5	94.4	87.7
2009	48	101.9	103.2	96.1	75.8	74.2	69.0
2010	53	102.1	102.9	95.7	89.3	87.2	80.7
2011	42	102.4	102.4	95.6	86.9	84.5	78.9
2012	39	103.2	102.7	94.5	86.2	83.8	77.3
2013	40	102.1	102.6	95.9	78.9	77.1	71.5
2014	29	101.4	103.9	96.7	84.9	83.2	78.5
2015	19	101.3	106.0	97.0	93.0	91.4	88.2
2016	20	102.1	104.7	96.0	88.9	86.3	83.2
2017	23	100.4	103.9	97.9	76.7	75.2	71.7
2018	22	102.5	103.5	95.8	71.8	69.6	66.0
2020	10	101.9	103.6	96.5	68.9	67.3	65.0

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	96.4	107.7	93.4	98.5	102.6	97.3	96.1	95.2	105.3	94.3	93.5
1990	21	95.8	106.8	93.3	97.8	102.3	97.0	95.6	95.4	104.7	94.3	92.8
1991	15	96.4	108.8	94.7	98.8	103.1	98.3	95.8	95.5	106.3	95.5	94.0
1992	29	96.1	107.4	93.4	97.8	102.9	97.4	95.5	95.6	105.5	94.9	92.9
1993	24	96.7	108.9	92.3	98.3	104.0	97.1	96.0	95.7	106.5	94.2	93.3
1994	42	95.5	106.5	93.4	97.0	102.6	97.4	95.3	95.4	104.9	94.9	91.9
1995	33	96.2	108.0	92.7	97.4	103.9	96.9	95.7	95.2	106.2	94.3	92.5
1996	47	97.0	109.0	91.2	98.6	104.4	96.3	96.4	95.6	106.6	93.7	93.3
1997	60	96.7	108.0	92.5	97.8	103.8	96.7	96.0	96.1	106.0	94.2	92.8
1998	84	96.6	107.2	91.6	97.2	103.9	96.1	96.1	95.9	105.6	93.7	92.2
1999	83	96.6	108.8	91.2	97.6	104.5	96.4	96.0	95.5	106.7	93.8	92.6
2000	110	96.3	108.7	91.3	96.7	104.7	96.5	95.4	95.5	106.9	93.9	91.8
2001	100	97.1	108.9	91.0	97.0	105.7	96.0	96.2	95.5	107.5	93.6	92.5
2002	103	97.2	109.4	90.8	96.9	106.2	96.1	96.4	95.0	107.9	93.6	92.5
2003	105	97.4	110.0	90.2	97.0	106.6	95.9	96.5	94.9	108.4	93.1	92.7
2004	107	97.1	109.0	89.6	96.5	106.2	95.1	96.3	94.9	108.0	92.0	92.5
2005	85	96.8	109.0	89.6	97.0	105.7	95.7	96.1	94.8	107.5	92.5	92.5
2006	58	96.6	109.2	89.7	96.5	106.1	95.6	95.9	94.4	108.0	92.5	92.1
2007	27	96.7	110.2	89.2	97.8	105.9	96.3	96.3	93.9	108.2	92.7	93.4
2008	30	96.6	108.6	89.4	96.5	105.7	95.6	96.1	94.4	107.7	92.2	92.5
2009	19	97.1	108.7	88.9	96.8	105.9	95.1	96.5	94.7	107.7	91.5	92.9
2010	32	96.3	108.6	89.1	96.8	105.5	95.2	96.0	94.0	107.5	91.4	92.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	15	101.3	98.8	101.5
1993	12	100.8	98.4	101.9
1994	15	100.7	98.7	101.9
1995	24	101.0	98.7	102.1
1996	39	101.1	98.9	102.0
1997	60	101.3	99.1	102.1
1998	85	101.5	99.3	102.0
1999	93	101.7	99.5	101.9
2000	117	101.7	99.6	102.0
2001	114	101.7	99.5	102.0
2002	121	101.5	99.4	101.9
2003	158	101.5	99.3	101.9
2004	161	101.5	99.4	101.9
2005	135	101.6	99.4	101.9
2006	125	101.7	99.5	102.0
2007	61	101.2	99.1	102.0
2008	62	101.4	99.3	102.0
2009	53	101.3	99.1	101.9
2010	66	101.3	99.1	102.0
2011	52	101.2	99.0	102.1
2012	53	101.4	99.3	102.2
2013	42	101.6	99.6	102.2
2014	38	102.9	100.7	102.3
2015	39	104.2	101.9	102.5
2016	35	104.0	101.7	102.5
2017	32	103.9	101.7	102.4
2018	29	104.2	102.0	102.4
2019	10	104.1	102.0	102.7
2020	17	103.5	101.2	102.5

Tabel: 187 Lakenvelder - roodbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	12	-3154.0	-11542.6	-542.0	-452.4

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1988	10	100.2	97.8	11	-3.5	62.4	0	0.0
1989	0	100.2	97.4	10	-3.2	46.0	0	0.0
1990	11	100.4	97.9	11	-3.6	56.9	0	0.0
1992	15	101.1	99.9	15	-5.3	96.7	0	0.0
1994	14	100.3	100.1	14	-5.8	136.5	0	0.0
1996	11	100.7	100.0	11	-6.5	135.1	0	0.0
1997	19	99.4	99.3	19	-6.0	110.9	0	0.0
1998	24	100.9	99.6	26	-4.5	74.9	0	0.0
1999	13	99.1	99.7	13	-5.3	85.6	0	0.0
2000	25	98.6	98.6	25	-6.4	126.4	0	0.0

2001	10	102.5	99.5	10	-5.7	109.2	0	0.0
2002	12	100.3	101.0	12	-6.4	140.3	0	0.0

Tabel: 189 Blaarkop - zwartbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	71	-1511.5	-65.1	-62.3	-75.7	4.6	-13.3	-12.5	-415.0
1981	76	-1587.9	-67.5	-63.9	-79.2	6.4	-10.9	-12.6	-427.5
1982	103	-1676.5	-68.1	-64.3	-83.2	13.2	-5.5	-12.8	-431.9
1983	123	-1660.6	-70.7	-65.1	-82.5	6.4	-8.2	-12.8	-440.3
1984	161	-1674.0	-70.1	-65.9	-83.2	9.5	-8.5	-12.9	-442.3
1985	170	-1664.0	-69.9	-65.0	-82.6	8.6	-7.5	-12.7	-438.4
1986	128	-1638.9	-68.7	-64.0	-81.5	9.0	-7.1	-12.8	-431.3
1987	112	-1705.3	-69.7	-65.8	-84.6	12.7	-6.1	-13.0	-441.7
1988	104	-1759.7	-71.4	-67.1	-87.0	14.5	-4.3	-13.0	-451.1
1989	105	-1627.9	-64.0	-62.1	-81.0	17.9	-3.9	-12.8	-413.2
1990	95	-1704.9	-70.6	-65.0	-84.6	10.6	-4.3	-13.0	-439.9
1991	79	-1783.7	-79.7	-68.7	-88.1	-1.9	-6.2	-13.1	-475.5
1992	73	-1562.6	-66.6	-62.1	-78.0	5.4	-8.8	-12.7	-418.0
1993	88	-1487.9	-62.4	-59.1	-74.7	8.2	-7.6	-12.6	-395.8
1994	69	-1389.0	-56.4	-56.3	-70.1	11.7	-9.3	-12.4	-370.3
1995	67	-1319.7	-55.0	-52.7	-66.9	7.6	-7.4	-12.1	-351.7
1996	67	-1391.5	-58.7	-55.2	-70.2	6.5	-7.3	-12.3	-370.7
1997	51	-1119.2	-48.5	-46.6	-57.8	2.5	-9.7	-11.8	-310.4
1998	59	-982.0	-44.1	-42.9	-51.5	-0.5	-11.7	-11.7	-283.9
1999	72	-1140.6	-48.1	-46.2	-58.8	5.3	-7.5	-12.0	-308.3
2000	53	-1249.9	-52.6	-47.8	-63.3	6.0	-3.0	-11.1	-325.8
2001	68	-1176.9	-48.4	-46.6	-58.0	7.9	-5.7	-7.5	-310.1
2002	58	-1025.3	-45.9	-43.3	-49.3	-0.3	-9.8	-3.9	-288.8
2003	69	-1110.1	-46.0	-45.5	-54.3	7.2	-8.0	-5.7	-299.4
2004	80	-911.0	-40.1	-39.7	-46.4	1.1	-10.6	-8.2	-261.0
2005	80	-874.9	-39.2	-38.1	-45.5	-0.2	-10.1	-9.6	-252.2
2006	97	-908.3	-42.0	-40.7	-47.9	-2.2	-12.7	-10.9	-269.4
2007	80	-815.2	-39.0	-36.7	-42.1	-4.2	-11.4	-7.9	-245.2
2008	92	-796.6	-37.4	-36.1	-42.0	-2.5	-11.2	-9.2	-239.3
2009	123	-800.7	-38.3	-35.2	-42.6	-4.4	-9.7	-10.2	-237.8
2010	98	-786.2	-37.6	-35.0	-42.7	-4.2	-9.8	-11.5	-235.3
2011	113	-826.3	-39.1	-37.3	-43.9	-3.7	-11.7	-10.3	-248.1
2012	138	-849.3	-40.0	-36.5	-45.0	-3.5	-8.8	-10.6	-247.4
2013	95	-750.5	-35.2	-34.1	-40.7	-2.2	-10.8	-10.6	-225.9
2014	125	-840.4	-38.9	-36.9	-44.6	-2.1	-10.0	-10.7	-246.2
2015	127	-757.1	-34.3	-33.7	-40.9	-0.4	-9.5	-10.7	-222.3
2016	109	-757.9	-35.3	-33.2	-40.5	-1.9	-8.8	-9.9	-222.5
2017	99	-749.8	-33.4	-32.4	-40.9	0.1	-8.2	-11.3	-215.4
2018	52	-607.3	-31.4	-31.1	-34.1	-7.2	-14.5	-10.7	-203.8

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

Tabel: 190 Blaarkop - zwartbont: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	759	89.3	92.8	92.0	91.6	104.3	93.2	98.6
1981	777	89.3	92.7	91.8	91.4	104.5	93.1	98.7
1982	601	89.6	92.3	92.0	91.9	103.5	93.3	98.1
1983	368	89.5	91.8	91.5	91.7	103.5	92.7	97.5

1984	252	89.2	92.5	91.1	91.0	104.4	92.9	97.5
1985	150	89.6	92.1	91.4	91.5	104.0	92.8	97.7
1986	76	89.8	92.9	91.5	91.2	104.5	92.8	98.3
1987	42	90.9	92.7	91.9	92.3	103.4	92.7	98.4
1988	43	90.7	92.8	92.0	92.3	103.4	93.1	98.5
1989	37	90.6	92.1	92.2	93.2	102.2	92.8	98.3
1990	32	90.6	91.8	91.2	92.1	102.8	92.9	98.3
1991	21	90.9	92.0	92.0	92.4	103.2	92.7	97.4
1992	31	91.4	93.4	93.0	92.9	103.7	92.9	98.9
1993	32	92.2	91.4	92.3	93.6	102.0	93.0	98.0
1994	23	90.7	91.9	92.0	92.9	102.0	92.1	97.6
1995	26	92.3	92.7	92.8	93.2	102.9	93.0	98.5
1996	20	91.9	93.2	94.0	94.0	102.8	91.9	98.2
1997	18	91.9	94.5	93.9	93.8	103.3	92.2	100.1
1998	16	92.1	93.3	92.8	92.9	103.9	93.1	97.4
1999	23	92.3	92.6	92.2	93.0	103.0	93.0	99.3
2000	18	93.2	92.7	93.6	93.7	102.8	93.2	97.3
2001	23	92.5	93.7	93.2	93.0	104.0	92.2	97.7
2002	19	92.5	93.7	94.0	93.7	103.1	92.2	99.0
2003	22	92.5	93.1	93.5	93.4	103.0	92.9	97.9
2004	24	92.0	93.2	93.8	93.7	102.5	92.2	98.8
2005	30	91.7	93.3	93.9	93.3	102.7	92.5	98.2
2006	29	92.6	93.2	94.5	94.2	101.8	92.6	99.6
2007	38	92.1	93.4	93.6	93.5	102.8	92.8	99.2
2008	31	92.0	93.1	93.4	93.3	102.9	93.2	98.6
2009	39	91.7	93.8	93.3	92.9	103.7	93.0	99.4
2010	37	91.3	92.7	92.2	92.1	103.2	93.6	100.3
2011	35	92.4	94.2	93.5	92.7	104.4	93.2	99.2
2012	39	93.1	94.1	93.8	93.1	103.8	91.8	101.2
2013	31	92.2	94.2	93.9	93.5	103.5	92.5	100.8
2014	42	92.3	93.9	93.3	93.0	103.7	92.7	99.5
2015	32	93.7	95.3	94.6	94.1	103.9	92.5	101.4
2016	36	94.9	94.0	95.8	95.7	102.0	93.2	100.9
2017	32	94.0	93.8	94.9	94.6	102.4	92.9	101.0

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	759	95.7	97.4	100.1	89.9	94.6
1981	777	95.6	96.9	100.8	89.9	94.4
1982	601	95.9	97.2	100.2	89.9	94.6
1983	368	96.1	97.4	100.3	90.3	94.9
1984	252	96.2	97.2	100.5	90.5	94.8
1985	150	96.7	97.0	100.4	90.5	95.3
1986	76	96.9	97.1	100.6	90.8	95.1
1987	42	97.3	97.0	100.6	91.0	95.2
1988	43	97.2	96.7	101.0	91.2	95.4
1989	37	97.8	97.8	100.3	91.6	96.0
1990	32	98.2	97.4	100.5	91.9	96.0
1991	21	98.2	96.3	100.6	92.3	96.6
1992	31	98.2	96.6	101.1	92.4	96.5
1993	32	98.7	96.2	101.4	92.5	96.8
1994	23	98.5	96.7	101.7	92.7	96.4
1995	26	98.7	96.5	100.8	92.6	96.8
1996	20	99.8	97.1	101.5	94.0	98.1
1997	18	100.1	97.1	102.0	93.7	98.1
1998	16	100.1	97.7	100.6	93.8	98.4
1999	23	100.2	97.6	101.1	94.0	98.3
2000	18	100.2	97.7	101.1	93.8	98.3

2001	23	99.8	96.4	100.8	93.1	97.9
2002	19	101.4	96.6	102.1	95.0	98.8
2003	22	101.1	95.8	101.9	94.4	99.2
2004	24	100.1	96.3	101.7	94.0	98.1
2005	30	100.2	97.5	100.8	94.4	98.3
2006	29	99.5	97.2	101.0	93.8	97.5
2007	38	100.4	96.8	101.3	94.3	98.5
2008	31	100.3	97.1	101.2	94.3	98.9
2009	39	100.9	97.4	101.0	94.7	99.8
2010	37	100.5	96.5	100.9	94.3	98.8
2011	35	100.8	95.8	101.9	94.3	99.1
2012	39	101.1	96.4	101.7	95.0	99.3
2013	31	101.7	97.1	101.1	94.9	100.0
2014	42	101.0	96.3	101.4	94.5	99.5
2015	32	101.3	96.9	101.5	95.2	99.9
2016	36	100.6	97.2	101.2	95.0	99.5
2017	32	100.9	96.7	101.3	94.4	99.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	759	99.5	92.0	103.7	99.5	93.2	97.1	94.0
1981	777	100.0	92.1	103.7	99.8	93.2	97.0	93.9
1982	601	100.4	92.7	103.2	100.3	94.1	97.5	94.4
1983	368	99.8	92.2	102.9	99.6	93.3	97.1	94.1
1984	252	99.8	92.1	103.1	99.8	93.0	97.3	94.1
1985	150	99.5	92.5	103.1	99.5	92.6	97.2	94.2
1986	76	99.6	92.6	103.2	99.4	93.0	96.9	93.9
1987	42	99.9	92.4	103.9	99.5	93.1	96.4	93.3
1988	43	100.3	93.1	103.3	99.9	94.1	97.0	94.1
1989	37	99.3	93.7	102.9	98.9	93.4	96.7	94.3
1990	32	99.6	92.9	103.6	99.2	92.3	96.3	93.5
1991	21	101.4	94.1	104.4	100.7	93.5	98.2	95.2
1992	31	101.8	94.3	103.5	100.7	93.4	97.4	94.8
1993	32	100.8	94.4	102.0	100.3	93.2	97.2	94.6
1994	23	100.3	94.9	102.6	100.1	92.6	97.2	94.7
1995	26	101.2	94.6	102.5	100.5	93.0	97.2	94.5
1996	20	101.2	95.2	102.6	100.0	93.1	97.2	94.8
1997	18	101.0	94.4	102.8	100.2	93.6	96.4	93.9
1998	16	100.9	95.8	102.5	100.7	92.6	97.6	95.4
1999	23	101.4	95.0	103.6	100.5	92.5	96.8	94.9
2000	18	102.4	95.7	100.6	101.5	92.8	96.5	94.4
2001	23	101.2	94.4	103.5	100.8	92.3	97.0	94.3
2002	19	100.9	96.1	101.9	100.1	93.6	96.5	94.6
2003	22	101.5	96.2	101.6	101.0	93.1	97.3	95.2
2004	24	100.2	94.6	102.4	99.9	93.2	95.9	93.7
2005	30	100.1	94.8	103.0	99.2	92.6	96.0	94.1
2006	29	99.4	94.8	104.3	98.6	92.9	96.1	93.6
2007	38	100.8	94.9	102.7	100.3	93.1	96.2	94.2
2008	31	100.2	94.5	102.9	99.7	93.0	96.3	94.0
2009	39	100.9	95.0	102.8	100.2	92.9	96.3	93.8
2010	37	100.8	95.1	103.8	99.9	92.0	96.5	94.2
2011	35	101.4	95.8	103.1	100.4	92.7	97.5	95.3
2012	39	102.1	96.0	104.0	100.7	92.9	96.9	94.6
2013	31	101.9	96.1	104.4	100.7	93.1	96.4	94.2
2014	42	101.9	96.0	103.7	101.4	93.6	97.9	95.4
2015	32	101.7	97.1	103.2	101.1	93.7	97.9	95.9
2016	36	101.8	96.4	104.1	100.8	94.4	97.6	94.9
2017	32	101.8	96.0	103.1	101.0	93.4	97.3	94.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	759	90.6	94.9	97.0	94.0	103.6	91.7
1981	777	90.5	94.8	97.3	93.8	104.0	91.6
1982	601	90.2	94.2	98.1	94.0	103.3	92.0
1983	368	89.3	93.6	97.3	94.4	102.5	91.4
1984	252	89.4	93.8	97.2	94.3	102.9	91.4
1985	150	89.6	93.9	96.8	94.7	102.8	91.5
1986	76	90.2	94.5	97.0	94.7	103.1	91.9
1987	42	90.2	94.7	97.2	94.8	101.6	92.1
1988	43	90.5	94.8	97.9	94.7	102.0	92.4
1989	37	90.0	94.3	96.8	95.5	100.4	92.1
1990	32	89.6	93.3	96.6	95.5	100.7	91.8
1991	21	89.4	93.8	98.5	95.7	101.2	92.8
1992	31	91.2	95.9	98.5	95.7	102.0	93.7
1993	32	89.8	94.0	98.0	96.0	99.6	92.9
1994	23	89.0	93.5	97.5	95.8	99.3	92.3
1995	26	90.6	95.3	98.1	96.0	100.8	93.3
1996	20	90.5	96.2	98.0	97.7	100.4	94.1
1997	18	92.1	97.1	97.9	97.9	101.3	94.9
1998	16	90.2	95.9	98.1	98.1	100.7	94.4
1999	23	90.7	95.1	97.8	98.0	100.6	94.2
2000	18	90.6	95.6	98.8	97.9	100.3	94.8
2001	23	90.3	95.9	98.0	97.2	101.1	94.0
2002	19	91.2	96.5	97.9	98.4	100.6	94.9
2003	22	90.7	95.5	98.5	98.5	100.4	95.0
2004	24	90.8	95.8	97.4	97.4	100.0	93.9
2005	30	90.8	95.6	96.8	97.8	100.4	93.8
2006	29	91.7	95.9	96.6	96.9	100.1	93.5
2007	38	91.3	95.8	97.7	98.0	100.6	94.5
2008	31	91.2	95.5	97.3	98.4	100.5	94.4
2009	39	91.6	96.2	97.7	99.3	100.9	95.4
2010	37	91.6	94.8	97.2	98.1	100.8	94.1
2011	35	91.8	96.7	98.0	98.3	101.9	95.1
2012	39	92.2	97.0	98.4	98.7	101.5	95.7
2013	31	92.5	97.1	98.4	99.5	101.1	96.1
2014	42	91.5	96.4	99.1	98.9	101.2	95.9
2015	32	93.1	98.2	98.8	99.4	101.7	96.8
2016	36	93.3	98.0	99.0	99.0	100.2	96.7
2017	32	93.0	97.2	98.6	98.7	100.7	96.1

Tabel: 194 Blaarkop - zwartbont: Vruchtbaarheidsskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2028	102.9	102.8	102.4	103.0	103.1	101.2	92.2	102.9
1981	2007	103.0	102.7	102.3	102.9	103.1	101.3	92.0	102.8
1982	1581	103.3	102.8	102.7	103.2	103.6	101.3	91.9	103.1
1983	987	103.9	102.3	102.7	103.1	103.9	102.1	91.3	103.1
1984	704	103.7	102.4	102.4	103.0	103.7	101.7	92.0	103.0
1985	449	103.6	102.3	102.3	103.0	103.7	101.9	91.4	102.9
1986	315	103.7	101.8	102.2	102.5	103.6	101.6	91.4	102.6
1987	182	104.3	101.7	102.7	102.9	104.4	101.8	90.8	103.0

1988	153	103.8	101.6	102.2	102.3	103.5	101.1	91.0	102.4
1989	131	103.4	101.6	102.0	102.3	103.3	100.8	91.2	102.3
1990	121	103.8	101.6	102.4	102.4	103.8	101.1	90.9	102.5
1991	101	103.6	102.1	102.5	102.7	103.9	101.3	91.0	102.8
1992	104	103.6	101.6	102.2	102.3	103.6	101.5	91.4	102.4
1993	125	103.3	102.0	102.2	102.5	103.6	101.7	92.0	102.6
1994	88	103.6	102.1	102.8	103.1	104.3	102.1	91.9	103.2
1995	96	103.1	102.0	102.2	102.5	103.6	101.5	92.1	102.6
1996	107	102.8	101.7	101.8	102.0	102.9	101.0	93.0	102.1
1997	91	101.9	101.4	101.0	101.1	101.7	100.2	94.1	101.1
1998	83	101.9	101.4	100.9	101.3	101.9	100.0	93.3	101.2
1999	98	102.0	102.1	101.8	102.3	102.9	100.3	92.4	102.2
2000	82	101.5	101.8	101.4	101.7	102.3	100.0	93.0	101.7
2001	95	102.2	102.0	102.0	102.3	103.1	100.3	91.7	102.3
2002	77	102.7	101.2	101.5	101.8	103.1	101.2	92.7	101.8
2003	95	102.2	102.1	102.0	102.6	103.3	100.7	92.6	102.4
2004	108	102.4	101.8	101.9	102.3	103.3	100.8	92.8	102.2
2005	113	102.7	101.7	102.1	102.4	103.7	101.2	93.1	102.4
2006	141	103.1	101.6	102.4	102.5	103.9	101.5	93.0	102.6
2007	128	102.9	101.9	102.3	102.6	103.7	101.2	93.2	102.6
2008	130	103.0	101.7	102.3	102.5	103.8	101.6	93.2	102.6
2009	163	103.1	101.7	102.5	102.6	104.0	101.8	93.6	102.7
2010	141	103.0	101.8	102.4	102.4	103.6	101.7	94.3	102.5
2011	162	103.0	102.5	103.0	103.3	104.3	101.9	93.4	103.3
2012	200	103.3	102.6	103.3	103.5	104.8	102.1	93.8	103.6
2013	137	103.5	102.4	103.2	103.4	104.7	101.8	93.9	103.5
2014	181	103.3	102.9	103.6	103.9	104.9	102.0	93.6	104.0
2015	181	102.7	102.9	103.3	103.7	104.6	101.9	94.4	103.8
2016	163	102.9	102.4	103.2	103.4	104.6	102.0	94.8	103.5
2017	139	102.4	102.6	103.0	103.3	104.2	101.7	94.9	103.4
2018	77	103.0	102.8	103.5	103.8	105.0	102.1	95.3	103.9

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	23	98.1	62.4	92.8	101.6	103.0
1981	18	98.4	37.2	92.2	101.1	102.5
1982	27	99.9	57.5	91.0	100.6	101.7
1983	27	99.6	70.8	91.9	101.0	102.1
1984	24	99.4	63.5	92.1	101.1	101.9
1985	24	99.8	64.0	91.9	101.1	101.8
1986	16	99.8	84.0	91.2	100.6	100.9
1987	14	100.8	69.6	90.6	99.9	100.0
1988	13	101.1	82.8	90.2	99.7	100.3
1989	17	100.1	74.4	90.3	99.2	100.3
1990	15	100.7	97.5	90.5	99.3	100.1
1991	15	98.1	96.1	90.7	100.1	100.2
1992	29	99.5	93.9	91.1	99.8	100.2
1993	28	99.0	96.9	91.1	99.7	100.2
1994	23	100.3	96.4	90.6	98.9	100.2
1995	26	99.7	90.2	91.1	99.2	100.1
1996	20	98.3	97.1	90.9	99.7	100.5
1997	17	100.1	90.7	90.8	99.2	99.9
1998	16	98.1	78.8	91.5	99.2	100.5
1999	21	98.6	97.5	90.7	98.6	99.9
2000	18	99.8	97.4	90.7	98.8	99.5
2001	23	98.2	97.6	91.4	99.1	99.8
2002	17	98.6	97.0	90.2	97.5	97.9
2003	22	97.6	93.1	92.5	99.7	99.5

2004	23	98.7	93.7	91.2	98.2	98.8
2005	28	97.8	89.8	91.6	98.3	98.7
2006	27	98.2	98.1	90.8	97.8	98.0
2007	38	98.6	97.2	90.9	98.0	98.4
2008	30	98.3	95.6	90.9	97.7	98.2
2009	39	99.0	95.7	91.2	97.9	98.3
2010	37	99.3	97.2	91.6	98.1	98.5
2011	32	98.0	96.5	91.4	98.2	98.4
2012	35	99.4	97.6	91.6	98.0	98.7
2013	30	99.2	96.9	91.9	98.4	98.8
2014	39	99.0	96.8	91.7	98.3	98.6
2015	27	98.3	97.6	92.0	98.6	98.9
2016	31	99.9	97.3	91.6	98.4	98.4
2017	32	99.1	97.7	91.7	98.2	98.3

Tabel: 196 Blaarkop - zwartbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	71	-154.4	-415.0	-146.8	102.7	102.9	97.0	94.0	98.4	0.0
1981	76	-159.7	-427.5	-167.2	102.1	102.8	97.3	93.8	98.3	0.0
1982	103	-160.7	-431.9	-158.3	101.4	103.1	98.1	94.0	98.5	0.0
1983	123	-166.2	-440.3	-157.8	101.9	103.1	97.3	94.4	99.2	0.0
1984	161	-192.7	-442.3	-280.4	101.7	103.0	97.2	94.3	99.2	0.0
1985	170	-199.4	-438.4	-382.4	101.7	102.9	96.8	94.7	98.9	113.7
1986	128	-202.4	-431.3	-442.5	100.9	102.6	97.0	94.7	98.3	100.3
1987	112	-211.6	-441.7	-527.8	99.9	103.0	97.2	94.8	98.8	101.8
1988	104	-213.5	-451.1	-526.1	100.0	102.4	97.9	94.7	98.7	99.3
1989	105	-197.0	-413.2	-503.3	99.8	102.3	96.8	95.5	98.3	95.9
1990	95	-211.5	-439.9	-546.8	99.8	102.5	96.6	95.5	98.2	98.0
1991	79	-216.3	-475.5	-577.6	100.1	102.8	98.5	95.7	98.5	93.7
1992	73	-195.5	-418.0	-497.9	100.1	102.4	98.5	95.7	98.9	86.9
1993	88	-184.2	-395.8	-475.9	100.0	102.6	98.0	96.0	98.8	94.9
1994	69	-172.3	-370.3	-431.2	99.6	103.2	97.5	95.8	98.4	99.9
1995	67	-159.7	-351.7	-378.4	99.7	102.6	98.1	96.0	98.6	87.7
1996	67	-164.2	-370.7	-415.4	100.2	102.1	98.0	97.7	98.6	83.0
1997	51	-144.8	-310.4	-372.8	99.6	101.1	97.9	97.9	98.3	78.7
1998	59	-134.7	-283.9	-298.7	99.9	101.2	98.1	98.1	98.2	76.1
1999	72	-139.7	-308.3	-292.5	99.3	102.2	97.8	98.0	98.3	72.3
2000	53	-147.7	-325.8	-324.9	99.2	101.7	98.8	97.9	98.4	69.2
2001	68	-131.5	-310.1	-265.5	99.4	102.3	98.0	97.2	98.9	75.6
2002	58	-150.7	-288.8	-327.0	97.5	101.8	97.9	98.4	97.9	72.9
2003	69	-125.0	-299.4	-237.7	99.5	102.4	98.5	98.5	98.6	77.0
2004	80	-124.7	-261.0	-254.9	98.4	102.2	97.4	97.4	98.7	74.5
2005	80	-123.1	-252.2	-234.9	98.3	102.4	96.8	97.8	99.4	72.2
2006	97	-135.8	-269.4	-283.2	97.6	102.6	96.6	96.9	99.2	70.0
2007	80	-118.5	-245.2	-243.1	98.1	102.6	97.7	98.0	99.1	64.6
2008	92	-123.2	-239.3	-243.8	97.8	102.6	97.3	98.4	98.6	68.5
2009	123	-114.0	-237.8	-242.6	97.9	102.7	97.7	99.3	99.0	56.4
2010	98	-112.2	-235.3	-201.0	98.1	102.5	97.2	98.1	98.9	60.5
2011	113	-116.3	-248.1	-226.4	98.1	103.3	98.0	98.3	98.4	56.5
2012	138	-110.7	-247.4	-202.3	98.2	103.6	98.4	98.7	98.6	57.6
2013	95	-93.7	-225.9	-169.4	98.5	103.5	98.4	99.5	99.1	52.1
2014	125	-104.3	-246.2	-220.4	98.2	104.0	99.1	98.9	99.0	54.7
2015	127	-89.5	-222.3	-180.1	98.7	103.8	98.8	99.4	99.2	49.2
2016	109	-89.5	-222.5	-153.5	98.3	103.5	99.0	99.0	99.2	53.0
2017	99	-93.5	-215.4	-189.3	98.0	103.4	98.6	98.7	99.0	53.2
2018	52	-75.7	-203.8	-136.5	98.7	103.9	99.8	99.2	98.8	53.1

Tabel: 197 Blaarkop - zwartbont: Klauwgezondheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2009	16	100.8	101.5	99.7	101.1	100.9	98.5	100.1
2010	12	99.1	100.2	98.8	99.8	99.7	97.3	100.2
2011	10	98.6	99.8	98.1	99.6	100.7	96.6	100.2

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	25	98.8	97.8	98.8	97.8	90.7	100.6
1983	29	100.2	98.4	100.2	98.4	91.8	101.1
1984	28	100.3	98.5	100.3	98.5	92.0	101.1
1985	31	99.6	98.3	99.6	98.3	91.3	101.5
1986	35	98.6	97.4	98.6	97.4	90.4	100.3
1987	32	99.2	98.0	99.2	98.0	91.0	101.2
1988	34	99.4	97.4	99.4	97.4	91.0	100.7
1989	38	99.7	97.0	99.7	97.0	91.3	100.7
1990	48	100.0	97.0	100.0	97.0	91.5	101.0
1991	40	100.6	97.2	100.6	97.2	92.0	101.4
1992	59	100.9	97.6	100.9	97.6	92.3	101.5
1993	86	100.1	97.9	100.1	97.9	92.0	101.3
1994	104	100.3	97.4	100.3	97.4	92.1	100.9
1995	100	100.4	97.5	100.4	97.5	92.2	101.3
1996	106	100.3	97.7	100.3	97.7	92.3	101.1
1997	70	99.6	97.7	99.6	97.7	91.6	100.8
1998	78	99.8	97.6	99.8	97.6	92.2	100.5
1999	110	99.9	97.6	99.9	97.6	92.4	100.5
2000	98	100.4	97.5	100.4	97.5	92.7	100.3
2001	113	100.6	98.0	100.6	98.0	92.7	100.7
2002	86	99.6	97.3	99.6	97.3	91.7	99.7
2003	105	100.0	97.8	100.0	97.8	91.7	100.2
2004	133	100.4	97.7	100.4	97.7	92.3	100.8
2005	139	100.9	98.0	100.9	98.0	92.9	101.1
2006	169	100.7	98.0	100.7	98.0	92.8	101.0
2007	145	100.4	96.7	100.4	96.7	92.6	99.6
2008	161	99.8	97.9	99.8	97.9	91.9	101.1
2009	190	100.1	98.1	100.1	98.1	92.2	101.0
2010	174	100.2	97.9	100.2	97.9	92.3	101.1
2011	185	99.6	97.8	99.6	97.8	91.8	100.9
2012	238	99.9	97.9	99.9	97.9	91.9	101.0
2013	175	100.4	98.2	100.4	98.2	92.5	101.4
2014	217	100.5	97.5	100.5	97.5	92.7	100.8
2015	227	100.7	98.1	100.7	98.1	93.0	101.3
2016	226	100.4	98.2	100.4	98.2	92.7	101.3
2017	230	100.4	95.2	100.4	95.2	92.6	98.3
2018	256	100.2	95.0	100.2	95.0	92.3	98.1
2019	209	100.5	91.5	100.5	91.5	92.5	94.5
2020	190	100.5	90.6	100.5	90.6	92.4	93.7

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	83	104.1	98.7	95.1	16.2	14.6	14.2
1981	65	104.2	99.4	95.0	27.1	24.3	23.6
1982	103	103.9	99.0	95.3	35.3	31.7	31.2
1983	167	103.4	98.9	96.1	43.0	39.2	38.7
1984	154	103.6	98.7	95.8	49.3	45.0	44.5
1985	97	103.4	98.4	95.9	70.1	63.3	62.8
1986	98	103.1	98.8	96.2	65.4	59.5	58.6
1987	41	102.7	98.7	96.7	78.6	70.6	70.1
1988	40	104.4	97.2	94.9	65.5	58.3	56.9
1989	39	104.5	97.3	94.7	72.3	64.1	62.7
1990	29	103.6	98.6	95.8	68.4	61.2	60.1
1991	28	103.8	99.5	95.2	40.8	36.9	36.5
1992	26	103.4	99.0	96.0	72.7	64.3	62.8
1993	31	102.9	99.2	96.0	79.8	71.6	72.1
1994	28	102.2	99.2	96.7	92.2	82.3	81.7
1995	20	104.0	97.6	95.2	82.5	75.0	74.0
1996	11	102.5	98.7	96.6	84.7	75.8	75.7
1997	21	101.7	99.1	98.0	68.9	62.2	61.1
1998	28	102.4	99.0	96.9	84.6	76.6	76.0
1999	35	101.8	99.9	97.7	88.5	80.5	79.3
2000	23	101.0	101.1	98.6	85.0	78.3	77.2
2001	37	102.0	100.9	97.8	91.6	85.3	83.3
2002	32	102.4	97.6	96.7	94.2	85.9	83.4
2003	36	103.4	100.7	95.8	99.0	92.1	93.2
2004	54	103.5	99.3	95.8	96.7	88.9	88.9
2005	68	104.0	97.6	95.1	100.4	91.3	89.6
2006	75	103.0	97.9	96.2	99.2	90.3	89.1
2007	82	103.5	97.2	95.8	97.2	88.5	86.2
2008	91	102.6	97.8	96.8	93.5	84.6	82.5
2009	125	102.6	97.7	96.9	93.8	84.7	82.6
2010	114	103.1	98.0	96.3	99.2	89.3	87.4
2011	123	102.4	98.2	97.1	96.3	86.5	84.8
2012	146	102.6	98.7	96.9	99.7	91.1	88.9
2013	95	103.0	98.7	96.3	95.1	87.0	86.7
2014	123	103.2	98.0	96.1	95.9	87.5	87.0
2015	113	102.2	99.1	97.0	92.6	84.7	84.5
2016	129	102.4	98.5	97.1	92.9	84.4	83.5
2017	86	101.9	99.8	97.5	93.5	84.6	85.4
2018	124	102.2	99.8	97.3	88.5	80.8	81.3
2019	116	102.5	99.1	96.9	84.6	76.6	76.4
2020	75	101.9	99.7	97.5	72.2	66.3	66.9

Tabel: 200 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	42	105.7	111.8	92.8	99.4	116.1	93.6	103.3	96.7	115.2	92.5	101.4
1981	39	106.1	112.5	93.0	99.7	116.6	93.8	103.7	96.7	115.4	92.9	101.5
1982	51	106.4	111.5	92.8	100.2	116.2	93.3	104.4	96.5	114.5	92.5	102.1
1983	67	104.9	110.9	94.4	99.4	114.5	94.7	102.6	97.1	113.8	94.3	100.0
1984	66	103.9	109.9	95.5	99.5	112.5	95.4	102.2	96.7	112.4	94.6	99.7
1985	65	104.4	109.6	94.7	99.1	113.1	94.6	102.5	96.9	112.5	93.7	99.8
1986	54	105.0	109.3	93.8	99.5	113.3	94.0	103.2	97.0	112.3	92.8	100.7
1987	38	105.6	109.7	93.8	99.1	114.8	93.6	103.5	97.4	113.3	92.5	100.9

1988	42	105.0	108.9	94.1	98.9	113.9	93.7	103.2	96.8	112.5	92.3	100.8
1989	51	104.1	109.7	94.0	99.0	112.8	94.6	101.8	97.8	112.5	93.1	99.9
1990	46	103.6	109.2	95.1	98.3	112.7	95.1	101.3	97.6	112.3	93.3	99.5
1991	48	103.4	109.6	94.3	98.6	112.2	94.7	101.1	97.8	112.2	93.2	99.3
1992	67	101.8	108.6	94.9	98.1	110.4	95.9	99.3	98.3	111.2	93.6	98.1
1993	82	102.6	107.6	94.6	98.0	110.6	94.8	100.6	98.1	110.5	93.4	98.1
1994	69	102.8	108.5	95.1	98.2	111.5	95.1	100.3	98.3	111.4	93.6	98.4
1995	66	102.5	108.4	95.8	98.0	110.8	95.5	100.2	98.5	111.2	94.3	98.4
1996	88	102.2	108.2	95.4	98.3	110.1	95.5	100.1	98.2	110.7	94.0	98.3
1997	71	102.6	108.3	94.9	99.1	110.2	95.6	100.6	97.8	110.7	93.8	99.3
1998	71	102.2	108.3	94.7	99.3	109.7	95.5	100.1	98.1	110.2	93.9	98.6
1999	98	102.1	108.5	93.8	99.5	109.3	95.5	100.1	98.0	110.1	93.5	98.5
2000	76	101.2	108.1	94.4	99.0	108.5	95.9	99.4	97.8	109.7	93.9	98.0
2001	88	101.9	109.0	94.8	99.3	109.5	95.5	99.9	97.7	110.5	94.0	98.4
2002	73	100.8	106.6	95.8	98.4	107.7	96.5	98.9	98.6	108.5	94.5	97.3
2003	84	99.9	106.6	96.2	97.8	107.4	97.0	98.2	97.6	108.6	95.0	96.7
2004	121	100.4	107.2	95.4	98.1	108.1	96.4	98.8	97.1	109.2	94.4	97.3
2005	115	100.3	106.2	96.2	97.7	107.3	96.4	98.8	97.6	108.4	94.6	97.0
2006	120	99.8	106.3	96.6	97.5	107.2	96.8	98.4	96.9	108.5	94.8	96.8
2007	98	100.5	106.7	96.0	98.1	107.6	96.5	98.9	97.5	108.7	94.5	97.3
2008	116	100.1	106.1	95.9	98.3	106.7	97.2	98.6	97.6	108.0	94.9	97.3
2009	115	100.2	105.9	96.2	98.4	106.6	97.1	98.6	97.9	107.8	94.9	97.3
2010	83	99.9	105.8	95.8	98.0	106.5	97.3	98.2	98.1	107.9	94.9	97.0
2011	80	100.2	106.4	95.9	98.2	106.9	97.0	98.4	98.3	108.3	94.8	97.2
2012	65	100.3	105.8	96.1	98.4	106.4	97.4	98.9	98.1	107.7	95.4	97.4
2013	41	100.6	106.0	96.0	98.5	106.4	97.2	98.7	98.9	108.0	94.6	98.0
2014	43	100.7	106.2	96.2	98.4	106.9	97.2	99.1	98.0	108.1	95.2	97.7
2015	31	100.8	106.1	96.4	99.8	106.1	97.7	99.1	98.7	107.3	95.4	98.8
2016	36	99.9	104.8	96.1	98.8	105.3	97.6	98.5	98.3	106.8	94.9	98.0
2017	30	100.1	106.0	95.1	98.9	106.5	97.2	98.4	98.2	107.8	94.4	97.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	24	97.3	95.2	98.6
1983	29	96.3	94.0	98.1
1984	24	94.9	92.9	97.8
1985	31	95.7	93.6	98.5
1986	34	96.6	94.1	98.6
1987	27	96.8	94.7	99.4
1988	28	96.7	94.5	99.0
1989	28	96.1	93.6	98.6
1990	39	95.2	93.0	98.6
1991	30	94.8	92.5	98.1
1992	55	94.8	92.6	98.0
1993	91	95.9	93.7	99.2
1994	105	95.0	92.8	98.7
1995	110	95.1	92.9	98.4
1996	110	94.9	92.8	98.3
1997	81	95.2	93.0	98.6
1998	80	95.4	92.9	98.2
1999	120	96.0	93.5	98.9
2000	111	95.3	92.6	98.4
2001	124	94.9	92.2	98.1
2002	95	94.1	91.3	97.2
2003	124	95.3	92.5	98.4
2004	159	94.9	92.2	98.5
2005	162	94.0	91.1	98.0
2006	203	93.8	91.0	97.9

2007	173	93.6	90.7	98.0
2008	188	93.7	90.8	98.0
2009	224	93.9	91.0	98.0
2010	187	93.5	90.6	97.8
2011	216	93.6	90.7	97.8
2012	261	94.2	91.3	98.1
2013	190	94.5	91.9	98.7
2014	235	94.6	92.0	98.9
2015	266	95.1	92.6	98.9
2016	254	95.4	92.8	99.2
2017	246	95.5	92.8	99.2
2018	292	95.6	92.9	99.4
2019	258	95.5	92.9	99.3
2020	184	95.5	92.8	99.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	68	-2784.2	-11250.2	-459.9	-406.0
2002	58	-3057.2	-12149.9	-512.0	-442.4
2003	69	-2607.9	-10455.9	-425.7	-382.8
2004	77	-2564.6	-10153.2	-422.2	-375.5
2005	85	-2441.3	-9668.0	-402.7	-357.1
2006	97	-2724.2	-10692.6	-453.1	-396.9
2007	80	-2460.8	-9614.9	-410.8	-357.6
2008	93	-2432.0	-9495.1	-404.0	-354.6
2009	123	-2423.2	-9508.0	-405.4	-351.8
2010	98	-2182.2	-8525.4	-362.3	-318.5
2011	113	-2371.1	-9265.0	-392.3	-346.7
2012	138	-2229.2	-8746.3	-371.3	-324.5
2013	97	-1979.9	-7668.7	-324.1	-291.4
2014	127	-2319.2	-9095.8	-384.2	-338.7
2015	127	-2042.1	-8010.6	-334.2	-300.3
2016	113	-1883.3	-7369.8	-309.8	-276.2
2017	100	-2062.3	-8175.6	-338.7	-302.4
2018	53	-1702.6	-6387.4	-275.6	-253.0

Tabel: 203 Blaarkop - zwartbont: Robot / AMS kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Eff	Int	Gewen
2009	10	97.2	90.3	103.7
2012	11	96.1	92.2	102.8
2014	11	97.2	94.4	103.3

Tabel: 204 Blaarkop - zwartbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	71	99.1	100.6	0	0.0	0.0	0	0.0
1981	76	99.2	100.0	0	0.0	0.0	0	0.0

1982	103	98.5	99.6	0	0.0	0.0	0	0.0
1983	123	99.2	99.7	0	0.0	0.0	0	0.0
1984	161	99.1	99.9	0	0.0	0.0	0	0.0
1985	170	99.1	99.9	247	-4.5	113.7	0	0.0
1986	128	98.9	99.6	161	-4.3	100.3	0	0.0
1987	112	98.1	99.2	121	-4.5	101.8	0	0.0
1988	104	97.8	99.3	111	-4.6	99.3	0	0.0
1989	105	97.6	98.6	105	-4.3	95.9	0	0.0
1990	95	98.6	99.1	95	-4.5	98.0	0	0.0
1991	79	98.2	98.4	79	-4.7	93.7	0	0.0
1992	73	98.7	99.0	77	-4.2	86.9	0	0.0
1993	88	97.2	98.9	89	-4.2	94.9	0	0.0
1994	69	97.5	99.0	69	-4.0	99.9	0	0.0
1995	67	98.6	99.7	67	-3.7	87.7	0	0.0
1996	67	97.8	99.0	68	-3.8	83.0	0	0.0
1997	51	98.8	98.7	52	-3.3	78.7	0	0.0
1998	59	98.3	99.0	59	-3.1	76.1	0	0.0
1999	72	98.1	98.5	72	-3.2	72.3	0	0.0
2000	53	98.4	98.0	53	-3.3	69.2	0	0.0
2001	68	99.8	99.2	68	-3.3	75.6	23	93.4
2002	58	99.0	98.4	58	-3.1	72.9	19	93.7
2003	69	100.4	100.0	69	-3.2	77.0	22	92.6
2004	80	99.4	99.3	80	-2.9	74.5	24	92.8
2005	80	99.1	99.1	84	-2.8	72.2	30	92.8
2006	97	99.1	98.9	97	-2.9	70.0	29	93.3
2007	80	99.2	99.0	81	-2.6	64.6	38	93.3
2008	92	99.1	98.8	92	-2.7	68.5	31	93.0
2009	123	100.0	99.1	123	-2.5	56.4	39	93.9
2010	98	99.0	99.1	98	-2.5	60.5	37	92.8
2011	113	99.1	99.4	113	-2.5	56.5	35	94.7
2012	138	98.4	99.5	138	-2.6	57.6	39	95.1
2013	95	99.1	99.2	95	-2.3	52.1	31	94.7
2014	125	98.9	99.2	126	-2.5	54.7	42	94.2
2015	127	99.0	99.3	127	-2.2	49.2	32	96.3
2016	109	98.9	99.2	109	-2.3	53.0	36	95.3
2017	99	99.3	99.0	99	-2.3	53.2	32	94.8
2018	52	99.5	98.8	53	-2.1	53.1	6	95.3

Tabel: 205 Blaarkop - zwartbont: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1983	13	99.5	0	0.0	0	0.0	13	93.3
1989	10	99.7	0	0.0	0	0.0	10	94.2
1993	10	99.5	0	0.0	0	0.0	10	93.0
1994	10	99.3	0	0.0	0	0.0	10	92.8
1995	13	99.3	0	0.0	0	0.0	13	92.4
1997	13	99.4	0	0.0	0	0.0	13	93.4
1998	16	99.3	0	0.0	0	0.0	16	92.7
1999	17	99.5	0	0.0	0	0.0	17	93.1
2000	13	99.5	0	0.0	0	0.0	13	93.8
2001	19	99.6	0	0.0	0	0.0	19	93.8
2002	21	99.9	0	0.0	0	0.0	21	94.6
2003	28	99.5	0	0.0	0	0.0	28	93.7
2004	36	99.3	0	0.0	0	0.0	36	92.8
2005	48	99.6	0	0.0	0	0.0	48	93.2
2006	38	99.6	0	0.0	0	0.0	38	93.7
2007	53	99.6	0	0.0	0	0.0	53	93.7
2008	67	99.5	0	0.0	0	0.0	67	93.2
2009	104	99.6	1	103.0	0	0.0	104	94.0

2010	86	99.6	0	0.0	0	0.0	86	94.0
2011	108	99.6	0	0.0	0	0.0	108	94.0
2012	125	99.6	0	0.0	0	0.0	125	93.8
2013	88	99.6	0	0.0	1	102.0	88	94.3
2014	116	99.7	0	0.0	0	0.0	116	94.6
2015	118	99.7	0	0.0	0	0.0	118	94.9
2016	104	99.7	0	0.0	0	0.0	104	94.5
2017	97	99.6	0	0.0	0	0.0	97	94.4
2018	44	99.6	0	0.0	0	0.0	44	94.3

Tabel: 206 Verbeterd Roodbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	78	-1556.3	-66.3	-61.7	-77.7	5.9	-8.7	-12.5	-415.4
1981	61	-1623.0	-67.6	-63.1	-80.8	9.7	-6.7	-12.7	-425.0
1982	118	-1652.2	-68.4	-63.1	-82.1	10.4	-4.7	-12.8	-427.1
1983	116	-1664.1	-67.9	-64.0	-82.7	12.6	-5.5	-12.9	-429.9
1984	132	-1672.4	-70.5	-65.2	-83.0	8.5	-7.3	-12.7	-440.3
1985	114	-1676.4	-70.2	-64.8	-83.2	9.2	-6.0	-12.8	-437.9
1986	144	-1634.9	-66.5	-62.8	-81.3	13.3	-4.9	-12.8	-421.3
1987	201	-1555.4	-62.4	-60.2	-77.7	14.3	-5.6	-12.6	-401.0
1988	184	-1659.7	-68.7	-63.8	-82.5	10.9	-5.1	-12.9	-430.8
1989	176	-1570.7	-63.7	-59.2	-78.4	12.7	-2.5	-12.7	-400.1
1990	177	-1606.4	-66.6	-60.1	-80.0	10.5	-1.5	-12.7	-410.5
1991	160	-1626.5	-67.5	-61.6	-80.9	10.1	-3.1	-12.7	-418.6
1992	173	-1516.2	-60.6	-58.0	-75.9	14.0	-4.1	-12.5	-387.9
1993	165	-1549.1	-62.2	-58.3	-77.4	14.2	-2.0	-12.7	-392.9
1994	158	-1334.5	-54.7	-52.5	-67.6	9.9	-6.0	-12.3	-350.5
1995	159	-1383.5	-55.1	-54.5	-69.8	13.4	-6.5	-12.3	-360.1
1996	132	-1265.6	-50.4	-49.7	-64.4	11.6	-5.5	-12.1	-328.9
1997	159	-1150.6	-48.1	-45.4	-59.2	6.4	-5.1	-11.9	-305.0
1998	204	-1101.3	-43.5	-43.3	-57.0	10.9	-4.7	-11.8	-286.0
1999	196	-1139.7	-45.8	-44.0	-58.7	9.8	-3.3	-11.9	-294.3
2000	222	-1070.1	-45.2	-43.3	-55.3	5.0	-6.5	-11.2	-289.3
2001	201	-1050.0	-45.8	-42.5	-52.1	2.4	-6.5	-6.8	-286.2
2002	190	-1004.2	-44.2	-41.8	-50.1	1.3	-8.2	-6.9	-279.3
2003	187	-1004.0	-42.0	-40.9	-50.8	5.7	-6.6	-8.4	-271.0
2004	180	-841.9	-39.8	-36.3	-44.0	-3.4	-8.9	-9.3	-245.4
2005	155	-792.1	-37.0	-35.1	-43.1	-2.7	-10.1	-11.8	-234.8
2006	187	-721.6	-36.0	-32.3	-40.5	-6.0	-9.6	-12.7	-220.3
2007	182	-704.5	-34.1	-31.9	-39.1	-4.2	-9.9	-11.5	-214.0
2008	162	-764.2	-36.5	-32.8	-42.1	-3.4	-7.5	-11.9	-223.9
2009	185	-605.9	-29.4	-28.3	-35.2	-3.6	-9.7	-12.3	-188.4
2010	157	-662.9	-31.8	-29.4	-38.0	-3.1	-8.2	-12.9	-198.9
2011	182	-675.3	-34.4	-30.1	-39.0	-7.0	-8.6	-13.7	-207.5
2012	183	-673.8	-34.0	-29.8	-38.3	-6.1	-7.9	-12.5	-205.1
2013	219	-712.1	-34.1	-29.9	-40.8	-3.7	-5.8	-14.1	-206.5
2014	189	-757.1	-34.9	-31.4	-43.0	-1.6	-5.7	-14.2	-215.3
2015	174	-735.7	-33.0	-30.2	-42.1	-0.0	-4.8	-14.5	-205.9
2016	157	-729.2	-34.2	-30.2	-41.8	-2.3	-5.1	-14.4	-208.2
2017	157	-705.8	-31.9	-29.4	-40.4	-0.1	-5.3	-13.9	-199.7
2018	47	-562.9	-29.7	-26.0	-33.9	-6.7	-8.0	-13.8	-179.1

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

Tabel: 207 Verbeterd Roodbont: Exterieurkenmerken bouw
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	422	89.6	92.7	92.1	91.6	104.2	93.3	98.7
1981	343	89.6	92.2	91.8	91.6	104.0	93.1	98.5
1982	333	89.8	92.2	92.0	91.9	103.4	93.3	98.0
1983	223	89.5	92.3	91.5	91.3	104.1	92.7	98.3
1984	170	89.5	92.3	91.3	91.1	104.3	92.3	98.3
1985	111	89.2	92.5	91.3	91.0	104.5	92.5	98.0
1986	100	90.0	92.0	91.1	91.3	103.7	92.4	98.2
1987	106	90.1	92.4	91.6	91.8	103.7	92.5	98.9
1988	79	90.3	92.1	91.4	91.9	103.1	92.7	98.4
1989	75	90.9	91.5	91.7	92.4	102.6	92.6	99.0
1990	68	90.1	90.8	90.9	91.7	102.5	92.3	98.5
1991	58	90.5	92.0	91.6	92.2	103.0	92.9	98.4
1992	72	90.8	91.9	91.7	92.4	102.9	92.9	98.2
1993	75	91.0	91.9	92.1	93.1	102.3	92.9	98.1
1994	69	91.5	93.0	92.8	93.4	102.6	93.4	98.6
1995	74	90.8	92.6	91.8	92.6	102.8	92.3	97.9
1996	62	92.0	92.6	93.1	93.5	102.4	92.9	98.4
1997	64	92.7	93.1	93.2	93.9	102.5	92.5	98.3
1998	90	92.5	92.8	93.5	94.4	101.7	92.9	98.3
1999	73	93.2	93.0	94.1	94.5	102.0	92.8	98.9
2000	80	93.0	93.2	93.9	94.3	101.8	92.3	98.8
2001	81	92.8	93.1	93.9	94.2	101.5	91.6	99.1
2002	60	93.0	93.2	94.2	94.4	101.8	92.2	99.6
2003	68	93.4	93.4	94.3	94.3	102.1	92.5	98.8
2004	51	92.6	93.2	94.3	94.5	101.9	92.8	99.0
2005	52	93.4	92.8	94.4	94.9	101.2	91.9	100.1
2006	74	93.5	93.2	94.7	95.1	101.1	92.4	99.8
2007	70	93.6	93.6	94.9	95.1	101.5	92.7	100.2
2008	51	93.7	94.0	94.7	94.7	102.2	93.5	100.1
2009	61	94.6	94.2	95.7	96.2	100.8	92.9	101.2
2010	63	94.3	93.6	95.3	95.8	100.7	92.6	101.0
2011	65	93.8	93.8	95.1	95.2	101.1	92.7	100.9
2012	51	93.4	94.3	94.8	95.1	102.0	92.9	100.6
2013	57	94.6	94.0	95.5	95.8	101.4	92.5	101.3
2014	65	94.1	94.4	95.4	95.7	101.5	92.6	101.4
2015	60	94.7	94.2	95.2	95.3	102.0	92.9	100.5
2016	52	93.5	94.1	94.5	94.8	102.6	93.0	100.3
2017	39	93.9	93.7	94.7	95.0	102.0	93.1	101.2

Tabel: 208 Verbeterd Roodbont: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	422	95.5	97.2	100.3	89.8	94.5
1981	343	95.7	96.9	100.8	90.0	94.6
1982	333	95.8	96.9	100.5	89.9	94.5
1983	223	95.9	96.8	100.9	90.2	94.6
1984	170	96.1	96.9	100.7	90.4	94.9
1985	111	96.2	97.1	100.5	90.4	94.9
1986	100	96.6	96.5	101.0	90.7	94.8
1987	106	96.6	96.0	101.2	90.8	94.8
1988	79	97.6	96.0	101.5	91.5	95.7
1989	75	97.4	96.4	101.5	91.3	95.4
1990	68	97.7	95.4	102.2	91.5	95.4

1991	58	98.1	95.8	101.8	91.9	96.1
1992	72	98.3	95.9	101.6	92.0	96.3
1993	75	98.7	96.9	101.2	92.4	96.6
1994	69	98.4	96.9	102.0	93.6	96.5
1995	74	98.3	96.5	102.0	93.0	96.5
1996	62	99.2	96.5	101.8	93.4	97.2
1997	64	99.8	96.3	102.4	93.7	97.7
1998	90	99.0	97.4	101.1	93.2	96.9
1999	73	100.0	96.7	101.9	93.9	97.8
2000	80	100.5	96.4	102.6	94.4	98.1
2001	81	100.3	97.3	101.5	94.1	97.9
2002	60	100.3	97.2	101.7	94.5	97.7
2003	68	100.5	96.8	101.9	94.5	98.2
2004	51	100.0	96.8	101.6	94.1	98.0
2005	52	100.0	98.2	100.7	94.5	97.8
2006	74	99.9	97.8	101.3	94.5	97.8
2007	70	100.7	97.4	101.9	94.9	98.6
2008	51	100.5	97.2	102.1	94.9	98.4
2009	61	100.2	97.6	101.2	94.7	98.5
2010	63	100.4	98.1	100.7	94.8	98.8
2011	65	100.4	97.2	101.5	94.9	98.8
2012	51	100.3	97.3	101.6	95.2	98.7
2013	57	100.8	97.9	101.2	94.9	99.0
2014	65	100.2	98.1	101.0	95.0	98.5
2015	60	100.2	97.5	101.3	95.2	98.7
2016	52	100.7	97.7	101.1	95.3	99.2
2017	39	100.6	97.1	101.2	94.9	99.1

Tabel: 209 Verbeterd Roodbont: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	422	99.7	92.2	103.8	99.6	93.6	97.5	94.3
1981	343	100.2	92.6	103.8	100.1	93.8	97.4	94.4
1982	333	100.5	93.1	103.3	100.2	94.4	97.7	94.7
1983	223	100.0	93.1	103.3	99.9	93.9	97.7	94.8
1984	170	100.1	92.5	103.0	100.1	93.3	97.7	94.6
1985	111	100.0	92.9	103.0	99.9	93.3	97.7	94.7
1986	100	100.4	93.2	103.6	100.0	93.8	97.8	94.7
1987	106	100.6	93.4	103.7	100.3	94.3	97.4	94.4
1988	79	100.7	93.5	103.3	100.1	94.2	97.5	94.6
1989	75	101.3	93.9	103.9	100.6	93.9	96.9	94.3
1990	68	101.3	93.6	103.6	100.8	93.6	97.3	94.4
1991	58	101.5	94.3	103.5	100.7	93.6	97.5	94.9
1992	72	100.9	94.0	103.5	100.1	93.3	96.6	94.2
1993	75	100.8	94.7	102.7	99.9	93.0	96.6	94.3
1994	69	101.0	94.8	103.1	100.1	93.4	95.9	93.7
1995	74	100.9	94.3	102.6	100.7	92.8	96.4	94.0
1996	62	101.9	95.2	102.8	100.9	93.8	97.5	94.8
1997	64	100.6	95.2	103.3	100.4	94.0	97.3	94.7
1998	90	100.3	95.3	103.0	99.6	93.2	97.1	94.9
1999	73	100.9	95.5	103.2	99.9	93.4	96.9	94.6
2000	80	100.6	96.1	102.8	100.2	93.8	96.8	94.5
2001	81	100.2	95.7	103.7	99.7	93.6	96.2	94.2
2002	60	100.8	96.0	102.9	99.8	93.8	96.7	94.5
2003	68	101.1	96.6	103.2	100.2	94.1	97.4	95.5
2004	51	101.6	96.7	103.0	100.4	94.6	97.7	95.7
2005	52	101.1	96.4	103.7	99.8	94.8	97.6	95.4
2006	74	100.4	96.4	105.1	98.8	93.8	96.2	94.1
2007	70	100.6	96.5	104.0	99.5	94.2	96.7	94.6

2008	51	101.1	96.0	105.0	99.4	94.0	95.8	93.8
2009	61	100.3	96.5	104.1	98.7	94.3	95.9	93.9
2010	63	100.0	95.7	104.4	98.5	93.7	95.3	93.1
2011	65	100.7	96.3	104.0	99.2	94.7	96.4	94.1
2012	51	100.9	96.2	104.8	99.1	93.6	95.9	93.7
2013	57	101.0	96.4	105.0	99.4	94.4	96.8	94.4
2014	65	101.2	96.4	105.0	99.6	94.4	96.6	94.4
2015	60	101.9	96.5	104.7	100.7	94.9	97.0	94.7
2016	52	102.3	96.6	104.9	101.1	94.4	96.9	94.5
2017	39	102.1	96.6	104.4	100.7	94.5	97.8	95.0

Tabel: 210 Verbeterd Roodbont: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	422	90.7	94.9	97.3	93.8	103.6	91.7
1981	343	90.2	94.4	97.8	93.9	103.6	91.8
1982	333	90.1	94.2	98.2	93.8	103.1	91.9
1983	223	89.8	94.1	97.8	94.0	103.3	91.7
1984	170	89.5	94.0	97.6	94.2	103.3	91.6
1985	111	89.6	94.1	97.5	94.3	103.3	91.7
1986	100	89.4	93.6	97.9	94.3	102.2	91.7
1987	106	90.0	94.4	98.3	93.9	102.1	92.0
1988	79	89.8	93.7	98.1	95.0	101.5	92.4
1989	75	89.9	93.7	98.3	94.8	101.0	92.4
1990	68	89.0	92.5	98.4	94.5	100.5	91.8
1991	58	90.0	93.7	98.4	95.2	101.0	92.6
1992	72	89.8	93.8	97.9	95.4	100.7	92.5
1993	75	89.9	94.1	97.6	96.2	99.8	92.8
1994	69	91.0	95.2	97.8	96.2	100.1	93.4
1995	74	89.6	94.3	97.9	95.9	100.2	92.7
1996	62	90.6	95.2	99.0	96.7	100.0	94.1
1997	64	90.6	95.6	98.3	97.0	99.8	94.0
1998	90	90.8	95.5	97.5	96.6	99.3	93.4
1999	73	91.2	96.0	97.8	97.4	99.6	94.2
2000	80	91.0	95.9	98.1	97.7	99.4	94.5
2001	81	90.7	95.6	97.5	97.7	99.1	94.0
2002	60	91.4	96.0	98.0	97.5	99.6	94.4
2003	68	91.3	96.0	98.4	97.8	99.7	94.7
2004	51	91.5	96.2	98.8	97.4	99.6	94.8
2005	52	91.5	96.1	98.5	97.3	98.8	94.7
2006	74	91.9	96.2	97.2	97.5	98.9	94.2
2007	70	92.3	96.7	97.9	98.3	99.4	95.2
2008	51	92.6	97.0	97.7	98.2	99.7	95.1
2009	61	93.4	97.6	97.4	98.2	99.0	95.4
2010	63	92.7	97.0	96.9	98.6	98.5	94.9
2011	65	92.8	96.8	97.9	98.4	99.1	95.4
2012	51	92.9	97.4	97.6	98.2	99.4	95.2
2013	57	93.0	97.7	98.1	98.8	99.2	95.9
2014	65	93.1	97.7	98.1	98.3	99.5	95.6
2015	60	92.8	97.5	99.1	98.2	99.9	96.1
2016	52	92.6	97.4	99.2	99.0	100.2	96.5
2017	39	92.9	97.2	99.2	98.6	99.9	96.3

Tabel: 211 Verbeterd Roodbont: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	766	103.4	102.7	102.6	103.2	103.5	101.6	92.1	103.1
1981	657	103.2	102.7	102.4	103.1	103.3	101.5	92.1	103.0
1982	602	103.9	102.4	102.7	103.2	103.9	101.8	91.6	103.2
1983	438	103.9	102.3	102.6	103.2	103.9	102.3	91.3	103.1
1984	388	103.9	102.2	102.4	103.1	103.7	101.8	92.0	102.9
1985	283	104.0	101.9	102.3	103.0	103.9	102.5	91.5	102.8
1986	294	104.5	101.6	102.6	102.9	104.3	102.3	91.0	103.0
1987	301	104.8	101.3	102.7	102.8	104.6	102.3	91.2	103.0
1988	242	104.6	101.6	102.7	103.0	104.5	102.0	90.6	103.0
1989	214	105.0	101.3	103.0	102.9	104.9	102.3	90.9	103.1
1990	208	104.9	101.4	103.0	102.9	104.9	102.5	90.5	103.1
1991	216	104.9	101.7	103.2	103.2	105.1	102.6	91.2	103.4
1992	239	104.6	101.5	103.0	103.0	104.9	102.8	91.3	103.2
1993	220	104.5	101.6	103.1	103.1	105.1	102.9	91.6	103.3
1994	249	104.0	101.3	102.6	102.6	104.4	102.4	92.3	102.8
1995	230	104.0	101.6	102.9	102.8	104.7	102.4	91.9	103.1
1996	224	104.0	101.6	102.9	102.8	104.5	102.2	91.8	103.0
1997	273	103.7	101.3	102.5	102.4	104.1	102.0	92.6	102.7
1998	299	103.4	101.3	102.3	102.4	104.0	101.9	92.7	102.5
1999	287	102.8	101.7	102.2	102.5	103.8	101.5	92.5	102.6
2000	341	103.5	101.2	102.4	102.4	104.2	102.2	92.6	102.6
2001	293	103.1	101.3	102.2	102.3	104.0	101.9	92.6	102.5
2002	278	103.7	101.3	102.6	102.5	104.5	102.5	92.6	102.8
2003	267	102.9	101.4	102.2	102.4	103.9	101.7	92.8	102.5
2004	268	102.2	101.7	101.8	102.4	103.5	101.2	93.6	102.3
2005	216	103.5	101.0	102.4	102.4	104.5	102.2	93.0	102.6
2006	237	104.0	101.1	102.9	102.8	105.1	102.7	93.3	103.0
2007	253	103.7	100.9	102.5	102.4	104.5	102.4	93.3	102.6
2008	212	103.3	101.1	102.4	102.3	104.3	102.3	93.7	102.6
2009	241	103.1	101.0	102.3	102.2	104.1	102.4	94.3	102.4
2010	213	103.3	101.4	102.7	102.7	104.5	102.8	94.3	102.9
2011	215	103.5	101.4	102.9	102.8	104.7	103.0	94.1	103.0
2012	221	103.5	101.9	103.2	103.2	104.9	102.9	94.0	103.4
2013	262	103.6	102.2	103.5	103.6	105.3	103.0	93.9	103.7
2014	226	103.7	102.4	103.6	103.9	105.4	102.9	94.3	103.9
2015	237	103.3	102.1	103.2	103.4	105.0	102.6	94.4	103.5
2016	218	103.0	102.0	103.0	103.2	104.7	102.4	94.9	103.3
2017	181	103.1	102.0	103.1	103.2	104.8	102.4	94.5	103.4
2018	74	103.0	101.7	102.9	102.9	104.6	102.5	95.1	103.1
2019	18	103.4	101.9	103.2	103.2	104.9	102.4	94.7	103.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	21	97.9	72.1	93.0	102.1	103.6
1981	19	97.6	65.1	93.0	101.7	102.8
1982	31	99.3	56.0	91.4	101.0	102.1
1983	33	99.8	55.3	92.2	101.2	101.9
1984	24	99.6	52.2	92.8	101.5	102.3
1985	24	99.3	76.2	92.1	101.3	101.7
1986	20	100.5	68.0	91.9	100.9	101.4
1987	25	100.9	70.7	91.0	100.0	99.9
1988	31	100.3	81.6	90.6	99.7	99.9

1989	27	100.4	72.1	91.0	99.8	100.1
1990	30	100.5	97.8	91.7	100.0	101.1
1991	28	99.8	94.5	90.2	99.1	100.2
1992	69	100.3	96.1	90.7	99.3	100.1
1993	75	100.2	96.4	90.7	98.9	100.1
1994	64	99.2	96.1	91.2	98.7	100.3
1995	72	99.8	95.5	90.8	98.6	99.8
1996	60	100.2	96.3	91.3	99.3	100.2
1997	60	99.9	92.3	91.1	98.7	99.5
1998	90	99.5	94.3	90.6	98.1	99.4
1999	65	99.3	97.4	90.8	98.0	99.1
2000	81	99.3	95.2	90.2	97.5	98.8
2001	80	98.6	96.7	90.2	97.6	98.9
2002	60	99.0	95.0	89.8	97.1	98.2
2003	69	99.1	96.3	90.9	97.8	98.7
2004	49	98.9	92.5	90.4	97.3	98.4
2005	49	98.6	95.1	90.0	97.0	97.6
2006	70	98.1	94.7	90.0	96.9	97.2
2007	68	98.1	93.5	90.1	96.6	97.2
2008	51	98.1	96.8	90.3	96.8	97.0
2009	58	98.1	96.4	90.1	96.5	96.4
2010	62	97.5	96.1	90.4	96.7	96.6
2011	62	98.3	96.7	90.2	96.6	97.1
2012	50	98.5	96.3	90.7	96.8	97.3
2013	53	99.1	96.9	90.2	96.5	96.8
2014	53	98.9	96.8	90.7	97.2	97.3
2015	55	98.4	96.7	91.1	97.5	97.8
2016	43	98.8	97.4	91.8	98.2	98.8
2017	38	100.0	97.3	91.6	97.9	98.3

Tabel: 213 Verbeterd Roodbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	78	-157.5	-415.4	-150.7	103.3	103.1	97.3	93.8	98.0	0.0
1981	61	-162.3	-425.0	-168.4	102.7	103.0	97.8	93.9	97.7	0.0
1982	118	-165.8	-427.1	-162.5	101.9	103.2	98.2	93.8	98.2	0.0
1983	116	-172.1	-429.9	-167.2	101.8	103.1	97.8	94.0	98.8	0.0
1984	132	-194.7	-440.3	-322.7	102.2	102.9	97.6	94.2	99.0	0.0
1985	114	-197.5	-437.9	-376.8	101.8	102.8	97.5	94.3	99.1	110.3
1986	144	-196.6	-421.3	-462.4	101.3	103.0	97.9	94.3	98.5	110.8
1987	201	-193.7	-401.0	-474.7	99.9	103.0	98.3	93.9	98.6	101.6
1988	184	-208.8	-430.8	-538.2	99.8	103.0	98.1	95.0	98.8	96.2
1989	176	-195.3	-400.1	-542.1	100.0	103.1	98.3	94.8	98.8	92.2
1990	177	-190.5	-410.5	-518.9	100.7	103.1	98.4	94.5	99.4	101.6
1991	160	-194.2	-418.6	-548.9	99.6	103.4	98.4	95.2	98.8	100.2
1992	173	-184.1	-387.9	-490.2	99.7	103.2	97.9	95.4	99.0	96.4
1993	165	-188.0	-392.9	-500.5	99.6	103.3	97.6	96.2	98.8	92.4
1994	158	-168.7	-350.5	-456.3	99.6	102.8	97.8	96.2	98.3	86.0
1995	159	-167.3	-360.1	-436.0	99.2	103.1	97.9	95.9	98.0	89.2
1996	132	-136.9	-328.9	-366.6	99.8	103.0	99.0	96.7	98.2	81.0
1997	159	-139.5	-305.0	-337.9	99.1	102.7	98.3	97.0	98.6	80.5
1998	204	-143.5	-286.0	-361.0	98.7	102.5	97.5	96.6	97.8	73.4
1999	196	-146.0	-294.3	-366.4	98.5	102.6	97.8	97.4	97.8	76.6
2000	222	-146.6	-289.3	-372.9	98.1	102.6	98.1	97.7	98.1	75.8
2001	201	-145.5	-286.2	-347.2	98.1	102.5	97.5	97.7	98.0	74.2
2002	190	-148.9	-279.3	-367.5	97.5	102.8	98.0	97.5	97.8	77.1
2003	187	-135.3	-271.0	-328.8	98.1	102.5	98.4	97.8	97.9	73.4
2004	180	-129.7	-245.4	-315.6	97.8	102.3	98.8	97.4	97.7	67.2
2005	155	-134.1	-234.8	-311.5	97.0	102.6	98.5	97.3	97.9	69.7

2006	187	-128.0	-220.3	-301.0	96.8	103.0	97.2	97.5	98.1	71.8
2007	182	-124.6	-214.0	-286.0	96.6	102.6	97.9	98.3	98.4	63.9
2008	162	-134.9	-223.9	-288.7	96.6	102.6	97.7	98.2	98.1	58.7
2009	185	-126.4	-188.4	-291.2	96.0	102.4	97.4	98.2	98.3	55.9
2010	157	-125.8	-198.9	-271.9	96.2	102.9	96.9	98.6	98.1	53.8
2011	182	-119.4	-207.5	-263.0	96.6	103.0	97.9	98.4	97.8	54.8
2012	183	-111.7	-205.1	-253.7	96.8	103.4	97.6	98.2	98.1	52.7
2013	219	-115.8	-206.5	-285.1	96.3	103.7	98.1	98.8	97.9	45.9
2014	189	-112.7	-215.3	-289.1	97.0	103.9	98.1	98.3	98.2	41.8
2015	174	-100.0	-205.9	-249.1	97.4	103.5	99.1	98.2	98.5	46.5
2016	157	-89.9	-208.2	-205.9	98.4	103.3	99.2	99.0	98.8	54.4
2017	157	-88.6	-199.7	-202.3	97.9	103.4	99.2	98.6	99.1	57.7
2018	47	-80.5	-179.1	-168.8	97.8	103.1	100.5	99.0	99.2	52.6

Tabel: 214 Verbeterd Roodbont: Klauwgezondheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1998	18	97.7	97.6	97.9	100.7	97.8	96.2	99.4
1999	11	97.7	97.5	97.4	101.2	97.6	96.5	99.5
2000	22	97.0	96.9	97.2	100.6	97.8	95.9	99.9
2001	28	97.3	96.9	97.8	101.0	97.6	96.0	99.5
2002	22	96.9	97.0	97.6	99.9	97.2	95.5	99.7
2003	25	97.9	98.2	97.8	100.1	99.4	96.0	100.6
2004	24	96.9	96.6	98.0	100.0	97.2	95.9	99.7
2005	21	97.7	98.0	98.1	99.9	98.6	96.1	100.1
2006	43	97.1	98.0	97.3	99.5	98.7	95.3	100.2
2007	40	97.8	98.5	97.6	100.2	98.8	96.2	100.2
2008	31	97.1	98.3	97.0	99.4	99.1	95.3	100.2
2009	30	97.5	98.6	98.2	99.5	98.2	95.6	99.6
2010	38	98.5	99.1	98.3	100.3	99.1	96.6	100.0
2011	28	98.7	99.4	98.1	100.2	99.6	96.5	100.1
2012	18	98.6	99.8	98.2	99.5	99.8	96.4	100.3
2013	15	97.2	98.5	97.1	99.4	98.7	95.2	99.9
2014	17	97.6	98.3	98.1	99.5	99.0	96.1	99.9

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1982	22	98.4	97.5	98.4	97.5	90.2	100.7
1983	18	99.7	98.6	99.7	98.6	91.4	101.1
1984	16	100.3	98.1	100.3	98.1	91.5	101.6
1985	13	99.5	98.4	99.5	98.4	90.9	101.8
1986	32	98.7	97.6	98.7	97.6	90.5	100.5
1987	53	98.6	97.7	98.6	97.7	90.5	100.7
1988	69	99.2	97.6	99.2	97.6	90.9	100.9
1989	74	99.8	97.3	99.8	97.3	91.2	101.1
1990	85	101.0	97.6	101.0	97.6	92.5	101.8
1991	100	100.4	97.6	100.4	97.6	91.8	101.6
1992	126	100.2	97.9	100.2	97.9	91.7	101.5
1993	164	100.3	97.8	100.3	97.8	92.0	101.2
1994	244	100.1	97.2	100.1	97.2	92.2	100.4
1995	210	100.1	96.9	100.1	96.9	91.9	100.6
1996	197	100.0	96.8	100.0	96.8	92.0	100.3
1997	240	100.2	97.7	100.2	97.7	92.2	101.0

1998	327	99.5	97.2	99.5	97.2	91.6	100.1
1999	325	99.4	96.9	99.4	96.9	91.8	99.6
2000	369	99.8	97.0	99.8	97.0	92.1	99.5
2001	346	99.7	97.3	99.7	97.3	92.2	99.6
2002	368	99.5	97.2	99.5	97.2	91.9	99.5
2003	381	99.1	97.6	99.1	97.6	91.7	99.7
2004	355	98.7	97.6	98.7	97.6	91.6	99.7
2005	310	99.2	97.5	99.2	97.5	91.8	99.8
2006	329	99.4	97.5	99.4	97.5	91.9	100.2
2007	317	99.6	97.7	99.6	97.7	92.1	100.3
2008	275	99.7	97.2	99.7	97.2	92.3	99.7
2009	321	99.8	97.2	99.8	97.2	92.1	99.4
2010	304	99.7	97.2	99.7	97.2	92.1	99.6
2011	298	99.6	97.0	99.6	97.0	92.0	99.4
2012	296	100.1	97.1	100.1	97.1	92.4	99.9
2013	335	100.0	96.9	100.0	96.9	92.3	99.5
2014	316	100.4	96.9	100.4	96.9	92.7	99.8
2015	337	100.4	97.3	100.4	97.3	92.8	99.9
2016	315	100.5	97.6	100.5	97.6	92.8	100.2
2017	318	100.8	96.3	100.8	96.3	93.0	98.9
2018	259	101.0	96.3	101.0	96.3	93.2	99.0
2019	277	101.0	95.4	101.0	95.4	93.2	97.9
2020	217	101.0	94.9	101.0	94.9	93.5	97.3

Tabel: 216 Verbeterd Roodbont: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	67	104.9	98.9	94.2	24.8	22.1	21.5
1981	62	105.2	99.2	93.9	36.8	32.6	31.6
1982	91	105.5	98.0	93.6	46.1	40.6	39.9
1983	95	104.4	98.2	94.9	62.0	55.9	55.1
1984	102	104.3	98.3	94.8	72.1	64.9	63.6
1985	88	105.2	97.6	93.8	54.5	48.4	47.6
1986	65	104.9	97.1	94.2	72.8	64.3	62.9
1987	71	104.6	97.4	94.6	78.7	69.2	68.6
1988	60	105.7	96.4	93.4	77.6	67.9	65.9
1989	42	104.9	97.6	94.1	70.1	61.7	60.2
1990	48	104.4	98.7	94.6	69.3	62.2	61.5
1991	55	105.0	98.6	94.0	46.0	40.2	39.2
1992	55	104.4	98.4	94.7	68.8	60.4	59.1
1993	63	103.9	98.9	95.2	79.4	70.1	69.3
1994	65	103.1	98.4	96.0	91.7	81.1	79.7
1995	62	103.7	98.2	95.5	83.2	75.7	74.1
1996	55	102.9	99.5	96.5	76.2	70.1	69.3
1997	69	102.6	98.8	96.7	90.2	81.0	80.4
1998	97	102.0	99.3	97.3	93.0	83.3	82.1
1999	81	102.3	99.2	97.1	90.7	82.1	80.8
2000	102	101.6	98.9	98.0	97.1	87.1	85.1
2001	98	101.6	99.3	97.9	100.8	90.9	89.2
2002	93	101.5	98.9	97.9	101.1	90.5	88.6
2003	118	102.4	98.9	97.0	98.4	88.5	87.2
2004	113	102.5	98.7	96.7	98.8	88.8	87.2
2005	135	102.6	98.0	96.2	100.9	90.0	88.6
2006	128	102.5	97.6	96.5	99.4	88.5	86.4
2007	193	102.1	97.2	97.2	101.1	90.7	88.1
2008	158	101.6	97.8	97.9	104.0	93.4	90.2
2009	191	102.3	97.6	97.4	101.5	90.7	86.4
2010	182	102.5	96.9	97.2	101.0	90.5	86.1
2011	164	102.4	97.0	97.2	100.7	90.5	86.5

2012	186	102.8	97.5	96.7	103.7	93.2	89.6
2013	204	102.6	97.2	96.8	102.6	92.7	89.4
2014	170	102.7	97.0	96.4	103.5	93.1	90.9
2015	169	102.5	98.1	96.9	92.9	83.7	81.3
2016	170	102.4	97.6	96.9	99.9	89.5	86.6
2017	149	102.1	98.2	97.2	94.9	85.4	83.5
2018	125	102.2	98.6	97.3	95.0	86.2	84.3
2019	133	102.3	97.7	97.0	94.4	85.2	82.8
2020	113	102.5	98.2	96.8	85.2	77.0	75.4

Tabel: 217 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	105.8	111.8	93.3	99.5	116.0	93.4	103.5	96.7	114.8	92.5	101.2
1981	28	105.3	111.7	93.0	99.1	116.0	93.7	103.0	96.4	115.0	92.4	100.9
1982	73	106.1	111.3	93.3	99.3	116.5	93.3	103.8	96.3	114.9	92.4	101.5
1983	61	104.9	111.1	94.8	99.4	115.1	94.6	102.9	96.2	113.9	94.2	100.1
1984	50	104.0	109.9	95.6	99.3	112.9	95.6	102.2	96.3	112.4	94.7	99.8
1985	56	104.9	110.6	95.3	99.2	114.5	94.8	103.0	96.1	113.5	94.2	100.4
1986	59	105.3	110.0	94.2	99.3	114.9	93.7	103.6	96.2	113.3	93.0	100.8
1987	69	105.7	109.0	93.9	99.1	114.9	93.1	104.2	96.4	112.9	92.1	101.3
1988	79	104.9	109.3	94.1	99.1	114.0	93.8	103.1	96.9	112.7	92.5	100.8
1989	81	104.7	109.1	94.7	98.8	113.8	94.2	102.7	96.9	112.6	93.0	100.6
1990	96	103.9	109.3	94.5	98.1	113.4	94.4	101.8	96.8	112.7	93.0	99.6
1991	129	103.9	109.8	94.4	98.9	113.0	94.7	101.7	97.3	112.7	93.1	99.9
1992	148	103.1	109.2	95.0	98.2	112.5	95.2	100.9	97.2	112.2	93.5	99.1
1993	172	102.4	108.8	94.8	98.0	111.4	95.4	99.9	97.9	111.7	93.4	98.4
1994	205	102.4	108.4	94.9	98.4	110.7	95.3	100.0	98.4	111.0	93.2	98.7
1995	187	103.0	109.0	95.6	98.2	112.0	95.3	100.5	98.1	111.8	93.8	98.9
1996	191	103.0	108.4	96.0	98.2	111.3	95.4	100.5	98.4	111.3	93.8	98.9
1997	264	102.6	107.5	96.3	97.5	110.8	95.2	100.3	98.3	110.8	93.8	98.3
1998	304	102.3	107.0	96.0	97.9	109.9	95.6	99.9	98.9	110.0	93.7	98.2
1999	310	101.9	107.4	95.8	97.8	110.0	95.5	99.5	98.7	110.3	93.6	97.9
2000	337	101.6	106.9	96.3	97.5	109.5	95.6	99.2	98.7	109.8	94.0	97.4
2001	330	101.4	106.8	96.4	97.2	109.1	95.6	98.9	99.2	109.5	93.9	96.9
2002	344	101.2	106.4	97.0	96.7	109.0	95.8	98.5	99.8	109.5	94.1	96.6
2003	347	101.1	106.4	96.3	97.1	108.8	95.7	98.6	99.1	109.1	94.1	96.5
2004	308	101.0	106.1	95.8	97.7	108.3	95.7	98.8	99.0	108.6	93.9	96.8
2005	252	100.7	105.0	96.4	97.4	107.3	96.2	98.6	99.2	107.6	94.5	96.5
2006	255	101.0	104.5	96.6	97.5	107.2	96.3	99.1	99.4	107.1	94.8	96.7
2007	256	100.7	104.4	97.2	97.7	106.6	97.0	98.7	99.4	106.9	95.1	96.9
2008	191	99.5	104.8	96.5	98.1	105.7	97.7	97.7	98.9	106.9	94.9	96.9
2009	219	99.6	104.0	97.2	97.8	105.1	97.8	97.6	99.4	106.4	94.9	96.8
2010	169	99.8	104.3	96.7	98.0	105.3	97.9	97.6	99.9	106.7	94.8	97.1
2011	148	99.9	104.1	96.7	97.8	105.5	97.4	97.6	99.9	106.6	94.5	96.9
2012	109	100.1	104.1	97.2	97.7	105.8	97.3	98.0	99.7	106.7	94.7	97.0
2013	94	100.0	104.0	97.1	98.1	105.3	98.3	97.5	100.7	106.6	95.2	97.4
2014	84	100.0	103.8	97.4	97.9	105.3	98.0	97.8	100.1	106.3	95.1	97.2
2015	59	99.9	104.7	96.8	98.4	105.6	98.0	97.7	99.8	106.7	95.2	97.1
2016	52	100.5	105.3	96.1	98.9	106.2	97.6	98.3	99.4	107.4	94.9	97.9
2017	39	99.9	104.6	96.2	98.6	105.3	98.1	97.9	99.6	106.8	94.9	97.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	20	97.1	94.8	99.0
1983	18	96.0	93.8	98.1
1984	17	95.2	93.1	97.8
1985	11	96.5	94.2	98.4
1986	28	97.0	94.5	98.7
1987	47	97.5	95.1	98.9
1988	61	96.5	94.2	98.7
1989	65	95.8	93.6	99.0
1990	80	95.3	93.2	99.1
1991	85	95.4	93.2	98.7
1992	109	95.1	92.8	98.5
1993	167	95.0	92.7	98.6
1994	254	94.1	91.6	98.0
1995	236	94.5	92.4	98.5
1996	260	94.6	92.5	98.7
1997	321	94.8	92.7	98.6
1998	422	94.8	92.5	98.5
1999	415	94.9	92.4	98.5
2000	473	94.4	91.9	98.1
2001	445	94.9	92.3	98.5
2002	460	94.8	92.2	98.2
2003	498	95.1	92.3	98.6
2004	471	95.3	92.3	98.9
2005	377	94.3	91.4	98.0
2006	379	93.9	90.9	97.5
2007	374	93.3	90.3	97.3
2008	315	93.0	89.9	97.2
2009	364	92.9	89.8	96.7
2010	350	93.3	90.1	97.1
2011	340	93.2	90.1	97.2
2012	383	93.5	90.5	97.5
2013	398	93.4	90.3	97.4
2014	379	93.0	90.1	97.4
2015	378	93.5	90.5	97.7
2016	359	94.2	91.3	98.3
2017	328	94.4	91.6	98.4
2018	282	94.2	91.4	98.4
2019	290	94.6	91.7	98.4
2020	224	95.1	92.4	98.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	199	-3142.1	-12581.8	-528.4	-453.5
2002	189	-3226.0	-12882.0	-541.3	-466.4
2003	185	-3003.8	-12078.6	-500.5	-435.9
2004	181	-2855.0	-11286.5	-481.7	-412.0
2005	151	-2789.7	-11009.9	-468.0	-404.3
2006	187	-2679.8	-10544.5	-453.6	-386.5
2007	182	-2590.1	-10186.9	-435.6	-374.9
2008	162	-2640.1	-10457.0	-446.7	-380.4
2009	186	-2538.7	-10027.9	-426.0	-367.8
2010	157	-2464.3	-9762.3	-415.2	-356.1

2011	182	-2449.8	-9616.9	-416.1	-352.7
2012	183	-2385.5	-9374.6	-403.7	-344.1
2013	220	-2564.0	-10200.0	-434.9	-369.0
2014	190	-2611.2	-10417.2	-440.8	-376.8
2015	174	-2357.4	-9441.6	-395.4	-341.4
2016	157	-2121.9	-8434.4	-356.9	-307.0
2017	158	-2082.7	-8314.4	-347.2	-302.8
2018	48	-1814.7	-7068.9	-305.5	-263.0

Tabel: 220 Verbeterd Roodbont: Robot / AMS kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Eff	Int	Gewen
2006	11	98.3	93.9	103.5
2009	11	96.1	91.9	103.2
2011	10	97.2	94.3	103.4
2014	15	96.6	95.2	102.8

Tabel: 221 Verbeterd Roodbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	78	99.5	100.4	0	0.0	0.0	0	0.0
1981	61	98.8	100.1	0	0.0	0.0	0	0.0
1982	118	98.4	99.8	0	0.0	0.0	0	0.0
1983	116	98.7	100.2	0	0.0	0.0	0	0.0
1984	132	98.8	99.9	0	0.0	0.0	0	0.0
1985	114	98.3	99.5	165	-4.5	110.3	0	0.0
1986	144	98.3	99.4	183	-4.5	110.8	0	0.0
1987	201	98.0	99.3	213	-4.3	101.6	0	0.0
1988	184	97.4	99.2	189	-4.4	96.2	0	0.0
1989	176	98.0	99.2	179	-4.2	92.2	0	0.0
1990	177	98.1	99.8	177	-4.4	101.6	0	0.0
1991	160	97.3	98.9	160	-4.4	100.2	0	0.0
1992	173	98.4	98.9	175	-4.1	96.4	0	0.0
1993	165	97.0	99.1	166	-4.1	92.4	0	0.0
1994	158	97.4	98.7	159	-3.7	86.0	0	0.0
1995	159	97.8	99.3	159	-3.8	89.2	0	0.0
1996	132	98.2	99.4	133	-3.5	81.0	0	0.0
1997	159	98.0	99.1	159	-3.3	80.5	0	0.0
1998	204	97.6	98.4	204	-3.1	73.4	0	0.0
1999	196	97.5	98.6	196	-3.2	76.6	0	0.0
2000	222	97.5	98.2	222	-3.1	75.8	0	0.0
2001	201	97.2	97.8	201	-3.1	74.2	81	92.9
2002	190	97.3	98.0	190	-3.1	77.1	60	93.3
2003	187	98.1	98.7	187	-3.0	73.4	68	93.6
2004	180	97.7	98.5	180	-2.7	67.2	51	93.2
2005	155	97.7	98.3	155	-2.7	69.7	52	93.2
2006	187	98.5	98.3	187	-2.6	71.8	74	93.5
2007	182	98.6	98.4	182	-2.4	63.9	70	94.0
2008	162	98.7	98.8	163	-2.4	58.7	51	94.6
2009	185	98.8	98.7	185	-2.1	55.9	61	94.8
2010	157	99.0	98.9	157	-2.2	53.8	63	94.0
2011	182	98.3	98.7	182	-2.3	54.8	65	94.1
2012	183	98.6	99.0	183	-2.2	52.7	51	94.7
2013	219	98.3	98.7	219	-2.1	45.9	57	94.8

2014	189	98.1	98.6	190	-2.1	41.8	65	95.0
2015	174	98.5	98.7	174	-2.1	46.5	60	95.0
2016	157	98.7	98.2	157	-2.3	54.4	52	94.7
2017	157	98.4	98.1	158	-2.3	57.7	39	94.5
2018	47	99.0	97.8	47	-2.1	52.6	2	95.0

Tabel: 222 Verbeterd Roodbont: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	20	99.7	0	0.0	0	0.0	20	94.1
1988	18	99.5	0	0.0	0	0.0	18	93.7
1989	14	99.6	0	0.0	0	0.0	14	93.9
1990	14	99.9	0	0.0	0	0.0	14	94.6
1992	17	99.8	0	0.0	0	0.0	17	94.7
1993	23	99.7	0	0.0	0	0.0	23	94.0
1994	25	99.6	0	0.0	0	0.0	25	94.1
1995	26	99.5	0	0.0	0	0.0	26	94.1
1996	25	99.6	0	0.0	0	0.0	25	93.8
1997	45	99.4	0	0.0	0	0.0	45	93.6
1998	50	99.5	0	0.0	0	0.0	50	93.3
1999	41	99.5	0	0.0	0	0.0	41	93.6
2000	65	99.6	0	0.0	0	0.0	65	93.9
2001	62	99.6	0	0.0	0	0.0	62	94.4
2002	77	99.6	0	0.0	0	0.0	77	93.8
2003	69	99.6	0	0.0	0	0.0	69	94.0
2004	72	99.6	0	0.0	0	0.0	72	94.0
2005	67	99.6	0	0.0	0	0.0	67	94.2
2006	93	99.6	0	0.0	0	0.0	93	94.2
2007	120	99.7	0	0.0	0	0.0	120	94.5
2008	116	99.7	0	0.0	0	0.0	116	94.7
2009	138	99.6	0	0.0	0	0.0	138	94.4
2010	140	99.7	0	0.0	1	103.0	140	94.5
2011	166	99.7	0	0.0	0	0.0	166	94.8
2012	163	99.7	1	104.0	0	0.0	163	94.7
2013	191	99.8	0	0.0	0	0.0	191	95.5
2014	176	99.8	0	0.0	0	0.0	176	95.9
2015	159	99.8	0	0.0	0	0.0	159	96.0
2016	143	99.8	0	0.0	0	0.0	143	95.3
2017	148	99.9	0	0.0	0	0.0	148	95.6
2018	44	99.9	0	0.0	0	0.0	44	95.6

Tabel: 223 Verbeterd Roodbont: Melkproductiekenmerken
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1989	14	-2296.1	-117.1	-90.1	-111.6	-36.8	-13.6	-14.4	-649.0
1990	18	-2146.2	-109.2	-88.0	-104.7	-32.6	-19.9	-14.0	-621.7
1991	19	-1997.1	-102.7	-83.4	-97.8	-31.4	-21.3	-13.5	-587.0
1994	10	-2044.3	-110.6	-85.1	-99.9	-45.1	-22.7	-13.3	-611.3
1998	15	-2542.1	-133.2	-99.5	-122.7	-54.1	-14.4	-14.8	-724.3
1999	15	-2206.5	-112.3	-86.5	-107.5	-35.9	-12.1	-14.2	-622.6
2000	15	-2334.3	-121.5	-91.8	-110.4	-44.4	-13.9	-7.8	-664.6
2001	12	-2629.1	-134.7	-99.3	-120.2	-47.8	-5.6	0.3	-726.0
2002	14	-2355.9	-124.5	-91.0	-109.8	-48.7	-10.1	-2.9	-667.5
2004	12	-2078.7	-107.6	-81.8	-87.3	-35.6	-11.8	19.6	-587.7

2005	12	-2386.8	-124.8	-93.8	-111.4	-46.1	-14.3	-4.2	-680.3
2006	17	-2311.8	-118.1	-87.6	-104.8	-37.4	-5.2	3.0	-638.8
2007	11	-2115.9	-113.5	-84.2	-98.8	-43.0	-13.0	-3.5	-613.0
2009	11	-2352.9	-119.0	-89.9	-111.6	-36.0	-7.3	-8.7	-652.0

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1988	11	97.6	104.8	100.6	103.0	99.5	101.5	115.6	102.0
1989	59	96.5	104.2	99.1	101.7	97.8	100.3	113.8	100.5
1990	81	95.7	104.5	98.4	101.3	97.0	100.5	112.3	99.9
1991	96	95.1	104.9	98.2	101.4	96.6	99.8	111.2	99.8
1992	140	95.9	104.2	98.2	101.1	97.1	100.4	109.8	99.7
1993	152	96.4	104.1	98.6	101.5	97.6	100.5	110.1	100.1
1994	184	96.1	104.0	98.2	101.2	97.1	100.3	109.0	99.7
1995	195	95.4	104.4	97.9	101.2	96.6	99.9	108.2	99.5
1996	187	95.2	104.3	97.6	100.9	96.4	99.8	108.2	99.2
1997	221	95.6	104.4	97.9	101.2	96.8	100.0	107.7	99.5
1998	214	95.6	104.2	97.9	101.0	96.7	99.9	107.2	99.4
1999	281	95.7	104.4	98.0	101.3	97.0	100.1	107.5	99.6
2000	255	95.2	104.8	98.0	101.5	96.8	99.9	108.1	99.8
2001	260	96.2	104.6	98.4	101.8	97.7	100.8	107.5	100.2
2002	243	96.6	104.4	98.7	101.9	98.1	100.9	107.7	100.3
2003	250	96.8	104.3	98.9	101.9	98.1	100.9	108.1	100.4
2004	262	97.1	104.0	99.0	101.9	98.4	100.9	108.2	100.5
2005	267	96.6	104.0	98.4	101.5	97.9	100.6	107.1	99.9
2006	273	96.8	104.1	98.7	101.7	98.2	100.9	106.6	100.2
2007	274	96.8	103.7	98.3	101.4	98.0	100.7	106.8	99.8
2008	258	96.8	104.0	98.6	101.6	98.1	100.3	106.6	100.1
2009	276	96.6	103.9	98.4	101.4	97.9	100.0	106.6	99.9
2010	276	97.1	103.8	98.8	101.6	98.3	100.2	107.2	100.2
2011	240	97.1	103.4	98.5	101.2	98.1	100.0	107.4	99.8
2012	214	97.4	103.3	98.8	101.4	98.4	100.1	107.5	100.2
2013	219	97.5	103.0	98.7	101.1	98.4	100.3	107.6	99.9
2014	229	97.6	102.8	98.7	101.1	98.6	100.5	108.0	99.9
2015	169	97.0	103.0	98.3	101.0	97.9	99.7	107.6	99.6
2016	170	97.3	102.6	98.4	100.7	98.0	99.7	107.9	99.4
2017	104	97.3	102.6	98.4	100.7	98.1	99.5	108.0	99.5
2018	74	97.3	102.4	98.2	100.4	97.9	99.7	107.7	99.2
2019	15	97.1	102.5	97.9	100.5	97.9	99.5	108.1	99.1

Tabel: 225 Verbeterd Roodbont: NVI met onderliggende kenmerken
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1989	14	-210.1	-649.0	0.0	103.1	100.5	0.0	0.0	0.0	0.0
1990	18	-206.9	-621.7	0.0	101.9	99.9	0.0	0.0	0.0	0.0
1991	19	-201.6	-587.0	0.0	102.2	99.8	0.0	0.0	96.0	0.0
1994	10	-235.2	-611.3	0.0	100.5	99.7	0.0	0.0	95.8	0.0
1998	15	-283.1	-724.3	66.0	101.9	99.4	0.0	0.0	95.5	0.0
1999	15	-215.5	-622.6	0.0	103.2	99.6	0.0	0.0	0.0	0.0
2000	15	-242.8	-664.6	260.0	102.9	99.8	0.0	0.0	98.0	0.0
2001	12	-259.6	-726.0	209.0	102.9	100.2	0.0	0.0	0.0	0.0
2002	14	-250.6	-667.5	-99.0	101.9	100.3	0.0	0.0	0.0	0.0

2004	12	-226.7	-587.7	268.0	102.7	100.5	0.0	0.0	0.0	0.0
2005	12	-247.3	-680.3	344.0	101.9	99.9	0.0	0.0	0.0	0.0
2006	17	-239.8	-638.8	275.5	102.5	100.2	0.0	0.0	97.0	0.0
2007	11	-231.4	-613.0	272.0	101.1	99.8	0.0	0.0	0.0	0.0
2009	11	-242.0	-652.0	226.0	103.3	99.9	0.0	0.0	0.0	0.0

Tabel: 226 Verbeterd Roodbont: Geboortekenmerken
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	19	119.5	104.1	70.9	0.0	0.0	0.0
1991	11	114.8	104.8	76.0	0.0	0.0	0.0
1992	16	117.5	102.7	72.8	0.0	0.0	0.0
1993	18	115.7	103.6	75.1	0.0	0.0	0.0
1994	29	115.3	102.4	75.2	7.0	6.8	7.2
1995	33	114.4	104.2	76.6	15.8	15.0	15.9
1996	27	111.6	104.9	79.9	19.2	18.3	20.3
1997	32	113.9	104.4	77.3	22.8	22.0	24.8
1998	48	115.1	104.8	76.0	6.4	6.2	6.9
1999	47	112.0	105.0	79.5	41.3	39.9	43.6
2000	53	109.9	106.4	81.6	55.2	54.5	60.1
2001	66	111.7	105.0	79.8	75.3	73.7	82.5
2002	85	112.7	103.6	78.8	80.5	81.1	89.6
2003	77	112.6	102.9	79.0	75.5	77.0	83.9
2004	117	112.7	103.0	79.3	80.3	82.5	90.1
2005	141	112.0	102.3	79.9	85.3	89.1	97.5
2006	144	113.0	101.6	78.7	84.0	87.6	94.4
2007	168	112.1	101.4	79.6	89.2	92.6	99.4
2008	171	112.8	101.6	78.6	89.5	93.2	100.4
2009	204	111.4	100.8	79.8	89.7	93.7	101.6
2010	181	110.8	100.8	80.3	89.1	93.7	101.4
2011	165	110.8	101.0	80.4	87.7	91.2	98.8
2012	144	110.3	100.6	80.9	88.1	91.8	100.5
2013	143	109.5	101.1	81.9	86.6	89.9	98.8
2014	129	109.1	101.1	82.2	92.7	96.8	106.5
2015	109	109.8	101.2	81.3	84.6	87.8	95.0
2016	112	110.1	101.0	81.3	83.4	85.2	92.1
2017	96	109.2	101.4	82.2	75.5	77.6	83.5
2018	69	107.9	100.9	84.0	82.5	84.7	92.1
2019	68	111.1	100.9	79.9	80.9	83.0	89.2
2020	44	110.0	102.0	81.8	67.0	68.8	74.5

Tabel: 227 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	65.7	98.0	78.2	92.9	98.0	97.3	99.0	84.7	100.2	89.3
1992	35	94.1	64.9	97.9	77.5	93.0	97.9	97.3	98.9	84.7	99.8	89.3
1993	48	93.8	62.8	96.0	77.1	92.1	96.1	98.0	97.8	82.7	97.3	89.8
1994	47	93.9	64.2	96.0	77.4	93.0	96.2	98.1	97.6	83.7	97.2	89.9
1995	63	94.3	64.6	96.9	77.3	93.7	97.0	98.0	97.8	85.2	98.7	90.3
1996	66	93.8	65.0	96.4	77.2	94.1	97.0	97.4	97.3	86.0	98.5	90.2
1997	89	94.0	65.3	96.1	78.1	94.0	96.8	98.0	96.7	85.9	97.7	91.4
1998	88	94.3	67.2	96.3	78.9	95.3	97.1	98.0	96.4	87.2	98.2	91.7
1999	128	95.1	67.4	96.2	79.4	95.8	97.6	98.5	96.9	88.0	98.2	93.1
2000	110	96.2	70.2	96.5	81.1	97.7	98.2	99.1	96.8	90.1	98.6	95.0

2001	125	95.4	69.3	96.0	80.9	96.1	97.6	98.5	96.9	89.0	97.9	94.4
2002	108	95.5	69.5	95.7	81.3	95.9	97.5	98.7	97.2	89.0	97.8	94.7
2003	116	94.5	68.4	96.0	81.2	93.9	98.2	98.0	97.3	87.2	98.3	93.7
2004	135	95.1	68.6	95.4	81.7	93.9	97.0	98.9	97.1	87.0	97.1	94.2
2005	149	95.5	68.7	95.4	81.9	94.1	96.6	99.4	97.1	87.1	97.0	94.4
2006	154	95.3	68.0	95.3	80.8	94.5	96.0	99.3	96.8	87.2	96.3	94.0
2007	136	95.3	68.3	95.5	80.5	94.9	96.2	99.1	96.6	87.8	96.6	94.0
2008	102	94.8	66.9	95.6	79.8	94.0	95.9	99.1	96.4	87.0	96.2	93.6
2009	108	94.3	67.4	96.6	80.4	93.2	97.3	98.1	97.0	87.0	97.4	93.4
2010	61	95.3	69.7	97.3	82.0	93.8	97.6	98.8	97.8	87.8	98.0	94.5
2011	19	95.1	70.2	97.5	83.6	92.7	98.4	98.5	98.1	87.7	98.3	95.6

Tabel: 228 Verbeterd Roodbont: Overige productie en efficiency kenm.
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1989	14	101.2	98.4	0	0.0	0.0	0	0.0
1990	18	101.1	98.7	0	0.0	0.0	0	0.0
1991	19	102.3	98.5	0	0.0	0.0	0	0.0
1994	10	101.2	98.4	0	0.0	0.0	0	0.0
1998	15	99.8	98.7	0	0.0	0.0	0	0.0
1999	15	101.1	99.1	0	0.0	0.0	0	0.0
2000	15	100.1	98.2	0	0.0	0.0	0	0.0
2001	12	101.2	99.4	0	0.0	0.0	0	0.0
2002	14	101.7	98.6	0	0.0	0.0	0	0.0
2004	12	102.0	98.2	0	0.0	0.0	0	0.0
2005	12	101.9	99.8	0	0.0	0.0	0	0.0
2006	17	103.1	101.1	0	0.0	0.0	0	0.0
2007	11	104.3	100.8	0	0.0	0.0	0	0.0
2009	11	105.0	102.4	0	0.0	0.0	0	0.0

Tabel: 229 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: 230 Belgisch Blauw Mixt: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1996	13	-1719.6	-87.7	-74.8	-85.2	-22.5	-23.5	-13.2	-516.5
1998	15	-1682.7	-90.7	-73.9	-83.5	-32.3	-24.7	-12.9	-518.8
1999	18	-1743.9	-91.8	-73.5	-86.3	-29.8	-19.2	-12.9	-520.0
2000	25	-1509.2	-85.0	-69.0	-75.6	-36.6	-26.8	-12.5	-484.0
2001	23	-1733.6	-97.6	-75.4	-85.1	-42.8	-23.7	-11.4	-539.7
2002	15	-1567.9	-90.8	-72.8	-79.7	-43.0	-30.5	-15.5	-513.1
2003	36	-1640.8	-95.2	-74.8	-81.1	-45.9	-29.3	-11.5	-531.1
2004	33	-1707.3	-92.8	-73.9	-83.6	-35.2	-22.7	-10.6	-523.2
2005	43	-1692.5	-95.9	-73.3	-83.5	-43.1	-22.6	-11.9	-527.3
2006	45	-1566.6	-91.6	-70.3	-77.4	-44.8	-25.3	-11.2	-503.8
2007	33	-1581.4	-94.3	-71.7	-77.4	-48.5	-26.6	-9.3	-515.1

2008	30	-1744.0	-98.0	-74.9	-85.4	-42.8	-21.7	-11.2	-538.3
2009	22	-1733.1	-99.1	-74.6	-81.8	-46.6	-22.1	-4.5	-538.6
2010	35	-1750.8	-100.5	-75.3	-83.0	-47.5	-22.0	-5.7	-544.5
2011	29	-1720.1	-98.8	-73.9	-79.6	-46.4	-21.4	-1.2	-534.2
2012	25	-1640.3	-92.2	-71.4	-76.1	-40.1	-21.8	-1.7	-509.0
2013	17	-1796.0	-96.8	-73.9	-82.4	-36.4	-16.6	0.2	-530.8
2014	13	-1390.9	-83.6	-65.1	-64.5	-42.6	-27.1	-1.3	-461.8
2015	13	-1868.2	-109.5	-81.5	-87.3	-57.0	-26.2	-2.5	-590.5

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1996	13	101.1	104.8	100.8	103.1	101.2	94.2	86.6	102.2
1998	16	100.4	104.8	100.6	102.8	100.9	94.2	86.9	101.8
1999	18	101.8	104.7	101.8	103.3	102.1	94.1	86.2	102.8
2000	28	101.1	104.8	101.6	103.3	101.6	94.2	86.7	102.7
2001	23	100.9	105.0	101.4	103.3	101.4	94.8	87.2	102.5
2002	15	102.0	105.1	102.3	103.9	102.8	96.3	86.9	103.3
2003	39	100.6	104.7	101.0	103.0	101.0	94.0	87.5	102.2
2004	35	100.9	105.0	101.3	103.3	101.5	94.5	86.9	102.6
2005	43	100.4	105.1	101.0	103.1	101.1	94.2	87.5	102.2
2006	46	101.2	104.9	101.6	103.4	101.8	94.4	87.3	102.8
2007	34	101.4	105.4	102.2	104.0	102.3	95.0	87.8	103.3
2008	30	101.0	105.0	101.5	103.4	101.7	94.4	87.0	102.7
2009	23	101.6	105.5	102.2	104.1	102.4	94.9	86.8	103.4
2010	44	102.0	105.0	102.2	103.8	102.5	94.4	86.5	103.2
2011	37	101.8	105.7	102.5	104.4	102.8	94.7	86.9	103.7
2012	31	101.9	105.1	102.3	103.9	102.6	94.8	86.9	103.4
2013	19	101.8	105.9	102.8	104.8	102.9	94.9	87.7	104.1
2014	14	102.4	104.4	102.5	103.7	102.6	94.7	88.1	103.4
2015	18	101.6	105.7	102.6	104.4	102.6	94.6	87.8	103.7

Tabel: 232 Belgisch Blauw Mixt: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1996	13	-131.7	-516.5	221.2	104.5	102.2	0.0	0.0	0.0	0.0
1998	15	-134.9	-518.8	242.6	103.5	101.8	0.0	0.0	0.0	0.0
1999	18	-119.7	-520.0	233.7	104.2	102.8	0.0	0.0	0.0	0.0
2000	25	-105.8	-484.0	214.6	104.4	102.7	0.0	0.0	0.0	0.0
2001	23	-129.8	-539.7	184.0	104.3	102.5	0.0	0.0	0.0	0.0
2002	15	-106.5	-513.1	247.1	104.4	103.3	0.0	0.0	0.0	0.0
2003	36	-124.4	-531.1	238.1	104.2	102.2	0.0	0.0	0.0	0.0
2004	33	-118.3	-523.2	249.6	104.0	102.6	0.0	0.0	0.0	0.0
2005	43	-128.3	-527.3	263.5	102.8	102.2	0.0	0.0	0.0	0.0
2006	45	-114.3	-503.8	257.5	103.0	102.8	0.0	0.0	0.0	0.0
2007	33	-121.8	-515.1	208.2	103.6	103.3	0.0	0.0	0.0	0.0
2008	30	-130.6	-538.3	233.0	103.1	102.7	0.0	0.0	0.0	0.0
2009	22	-119.2	-538.6	239.3	103.9	103.4	0.0	0.0	0.0	0.0
2010	35	-117.4	-544.5	241.3	104.6	103.2	0.0	0.0	0.0	0.0
2011	29	-115.8	-534.2	239.2	104.3	103.7	0.0	0.0	0.0	0.0
2012	25	-111.8	-509.0	245.6	104.0	103.4	0.0	0.0	0.0	0.0
2013	17	-125.1	-530.8	215.3	103.3	104.1	0.0	0.0	0.0	0.0
2014	13	-105.8	-461.8	209.2	103.7	103.4	0.0	0.0	0.0	0.0

2015	13	-158.1	-590.5	267.3	102.5	103.7	0.0	0.0	0.0	0.0
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Tabel: 233 Belgisch Blauw Mixt: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1999	14	78.5	104.0	120.6	85.6	65.1	59.6
2000	23	78.0	104.0	121.2	72.6	55.7	50.9
2001	19	78.6	103.8	120.6	81.3	63.1	57.3
2002	15	78.1	104.5	120.6	111.1	85.9	79.0
2003	23	78.2	104.6	121.0	93.4	72.0	65.9
2004	25	78.2	103.8	120.9	104.5	81.3	74.0
2005	28	78.9	103.8	120.2	102.6	79.2	72.1
2006	29	78.0	104.3	121.4	103.0	79.3	72.4
2007	26	79.4	104.0	119.8	115.7	88.0	80.2
2008	19	78.1	103.3	120.9	106.8	81.2	74.2
2009	17	78.6	103.0	120.3	84.2	64.2	58.8
2010	27	76.9	104.1	122.0	93.5	71.4	65.6
2011	19	77.7	104.1	121.7	100.7	77.6	70.1
2012	15	79.0	104.9	119.8	112.5	85.2	78.5
2014	12	79.0	104.4	120.3	99.7	76.2	69.8
2015	12	77.6	104.5	121.7	79.2	61.3	56.3

Tabel: 234 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	13	106.2	130.0	101.2	117.5	110.7	105.4	101.3	102.0	116.4	105.8	107.5
2004	12	105.6	128.8	101.0	118.0	109.2	105.5	101.2	102.2	115.5	105.6	107.7
2005	12	105.3	126.8	101.2	116.3	109.0	105.1	101.0	102.5	114.2	105.5	106.3
2006	18	104.6	125.2	101.3	115.3	108.3	105.3	100.7	101.5	113.6	105.2	105.9
2008	15	105.1	126.5	101.3	116.5	108.7	105.6	101.0	101.7	114.4	106.1	106.5
2010	10	107.0	128.1	101.6	117.9	110.4	106.1	102.4	102.9	115.3	106.6	108.0
2011	12	104.8	128.8	101.8	118.2	108.2	105.8	100.6	101.0	115.2	106.1	107.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	19	-1394.7	-3995.8	-250.4	-198.7
2002	15	-1009.7	-2080.1	-174.7	-150.0
2003	31	-1149.4	-2567.8	-207.3	-165.7
2004	32	-1064.3	-2694.9	-185.9	-155.5
2005	38	-932.9	-1996.6	-174.7	-131.5
2006	41	-908.3	-1810.1	-169.4	-128.9
2007	30	-1184.0	-2770.9	-217.5	-168.1
2008	24	-1160.7	-3004.7	-214.3	-163.5
2009	17	-1187.7	-3093.2	-221.9	-165.6
2010	29	-1091.6	-2571.7	-206.8	-151.6
2011	29	-1155.4	-2981.3	-216.9	-160.7
2012	22	-981.3	-2275.7	-184.8	-137.1
2013	13	-1152.7	-3336.8	-212.4	-161.0

2014 11 -953.0 -1974.5 -166.9 -140.3

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1996	13	99.9	96.3	0	0.0	0.0	0	0.0
1998	15	97.5	95.1	0	0.0	0.0	0	0.0
1999	18	97.3	96.1	0	0.0	0.0	0	0.0
2000	25	97.5	95.4	0	0.0	0.0	0	0.0
2001	23	97.5	95.7	0	0.0	0.0	0	0.0
2002	15	100.4	98.0	0	0.0	0.0	0	0.0
2003	36	99.3	95.9	0	0.0	0.0	0	0.0
2004	33	98.1	96.4	0	0.0	0.0	0	0.0
2005	43	98.7	96.9	0	0.0	0.0	0	0.0
2006	45	98.4	96.4	0	0.0	0.0	0	0.0
2007	33	98.4	95.9	0	0.0	0.0	0	0.0
2008	30	97.7	97.3	0	0.0	0.0	0	0.0
2009	22	98.5	97.0	0	0.0	0.0	0	0.0
2010	35	98.4	97.0	0	0.0	0.0	0	0.0
2011	29	99.0	97.4	0	0.0	0.0	0	0.0
2012	25	98.0	97.6	0	0.0	0.0	0	0.0
2013	17	97.6	97.1	0	0.0	0.0	0	0.0
2014	13	99.2	97.8	0	0.0	0.0	0	0.0
2015	13	100.0	98.9	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	10	100.0	0	0.0	0	0.0	10	96.7
1998	12	99.9	0	0.0	0	0.0	12	95.7
1999	17	100.0	0	0.0	0	0.0	17	97.2
2000	24	100.0	0	0.0	0	0.0	24	96.7
2001	20	100.0	0	0.0	0	0.0	20	97.0
2002	15	99.8	0	0.0	0	0.0	15	95.3
2003	28	99.9	0	0.0	0	0.0	28	96.0
2004	29	99.9	0	0.0	0	0.0	29	96.2
2005	36	100.0	0	0.0	0	0.0	36	96.5
2006	42	100.0	0	0.0	0	0.0	42	96.4
2007	30	99.9	0	0.0	0	0.0	30	96.4
2008	25	99.9	0	0.0	0	0.0	25	97.1
2009	21	100.0	0	0.0	0	0.0	21	97.1
2010	37	100.0	0	0.0	0	0.0	37	97.6
2011	32	100.0	0	0.0	0	0.0	32	97.7
2012	27	100.0	0	0.0	0	0.0	27	97.1
2013	17	100.0	0	0.0	0	0.0	17	97.6
2014	13	100.0	0	0.0	0	0.0	13	97.6
2015	14	100.0	0	0.0	0	0.0	14	96.8

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1993	13	-1137.8	-54.5	-52.9	-58.7	-6.9	-20.5	-12.0	-349.2
1997	12	-1062.0	-48.2	-49.8	-55.2	-0.8	-19.8	-11.9	-321.8
1999	11	-960.0	-51.5	-47.2	-50.5	-15.8	-21.3	-11.5	-316.9
2000	13	-1114.2	-57.2	-53.5	-57.5	-13.9	-23.2	-11.5	-356.9
2001	18	-817.4	-50.6	-44.2	-44.0	-23.5	-24.2	-11.5	-300.7
2002	17	-1104.1	-57.7	-52.5	-55.9	-15.7	-21.6	-9.3	-353.3
2003	14	-889.0	-49.3	-44.1	-37.1	-16.9	-20.3	6.9	-295.4
2004	22	-901.7	-49.2	-45.8	-33.8	-16.3	-21.9	14.0	-301.5
2005	34	-991.1	-56.6	-48.4	-40.2	-22.4	-21.1	10.0	-329.1
2006	29	-986.4	-51.1	-46.7	-42.9	-12.3	-18.4	4.4	-311.6
2007	21	-762.4	-46.0	-41.7	-31.8	-20.5	-23.2	5.9	-277.1
2008	19	-800.9	-46.7	-43.3	-30.3	-17.6	-23.2	11.5	-284.7
2009	24	-952.0	-52.8	-47.1	-38.7	-18.6	-21.2	10.1	-315.7
2010	25	-910.2	-56.1	-45.4	-42.5	-27.5	-20.8	-0.8	-316.9
2011	16	-884.9	-52.2	-44.3	-40.6	-23.3	-21.1	0.2	-303.6
2012	27	-860.4	-51.9	-42.5	-36.8	-23.3	-18.4	4.9	-294.3
2013	19	-895.2	-55.6	-47.3	-39.7	-28.2	-25.5	2.9	-322.7
2014	17	-1027.7	-62.2	-49.1	-46.5	-29.4	-19.7	2.1	-345.9
2016	11	-1064.0	-62.1	-49.6	-47.1	-26.5	-18.7	3.5	-348.0

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1993	13	103.2	102.7	102.0	102.2	102.6	100.1	91.8	102.2
1997	12	102.0	102.9	101.2	102.0	101.6	98.9	93.1	101.8
1999	11	102.5	103.7	102.7	102.9	102.8	99.7	93.6	103.1
2000	13	103.2	104.8	103.8	104.3	103.8	100.7	93.8	104.3
2001	19	101.8	102.8	101.6	102.1	101.7	99.2	94.3	101.9
2002	19	102.1	103.3	101.9	102.6	102.1	98.9	93.7	102.5
2003	15	103.1	103.2	102.8	102.8	103.1	100.3	94.1	103.0
2004	22	101.7	103.5	101.8	102.5	101.9	98.3	93.7	102.3
2005	36	102.5	102.8	101.9	102.2	102.3	98.8	93.6	102.3
2006	32	102.3	103.4	102.2	102.8	102.5	99.0	94.2	102.6
2007	22	102.5	102.8	102.1	102.2	102.2	98.5	93.8	102.2
2008	27	103.0	102.1	101.9	101.6	102.5	98.8	92.0	101.8
2009	26	102.7	102.8	102.3	102.3	102.5	98.7	92.4	102.5
2010	34	103.6	101.8	102.3	101.6	102.8	98.8	91.9	102.2
2011	21	102.4	102.2	101.7	101.7	102.3	98.5	92.9	101.8
2012	33	102.9	101.8	101.6	101.3	102.5	98.3	92.2	101.6
2013	25	102.4	102.5	102.0	102.0	102.3	98.6	93.3	102.2
2014	23	102.0	102.2	101.2	101.4	101.5	97.3	92.0	101.4
2015	10	102.4	102.2	101.4	101.5	101.7	97.9	92.6	101.5
2016	12	102.2	102.0	101.2	101.7	102.1	97.8	92.4	101.6

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1993	13	-148.6	-349.2	-171.2	103.5	102.2	95.4	95.0	0.0	6.0
1997	12	-145.1	-321.8	-164.3	102.7	101.8	96.5	93.8	0.0	8.7
1999	11	-134.7	-316.9	-242.2	102.7	103.1	97.4	95.2	0.0	12.6
2000	13	-129.2	-356.9	-196.2	102.3	104.3	97.8	95.5	0.0	20.9
2001	18	-137.6	-300.7	-230.4	101.6	101.9	97.0	96.5	0.0	1.9
2002	17	-190.4	-353.3	-341.1	100.0	102.5	94.5	94.0	0.0	-4.8
2003	14	-151.4	-295.4	-314.9	99.9	103.0	96.4	93.6	0.0	5.7
2004	22	-142.7	-301.5	-205.4	101.1	102.3	95.5	93.5	0.0	-1.2
2005	34	-147.4	-329.1	-197.8	101.1	102.3	96.0	97.3	0.0	6.2
2006	29	-163.2	-311.6	-291.4	99.3	102.6	96.0	96.5	0.0	3.9
2007	21	-139.2	-277.1	-181.8	100.5	102.2	0.0	0.0	0.0	-2.1
2008	19	-125.9	-284.7	-70.5	100.6	101.8	0.0	0.0	0.0	1.5
2009	24	-137.0	-315.7	-178.8	101.0	102.5	99.0	98.0	0.0	7.9
2010	25	-137.1	-316.9	-175.4	100.9	102.2	0.0	0.0	0.0	8.5
2011	16	-153.1	-303.6	-232.6	99.4	101.8	93.0	94.0	0.0	15.2
2012	27	-130.8	-294.3	-202.8	101.6	101.6	0.0	0.0	0.0	13.5
2013	19	-143.5	-322.7	-243.7	101.4	102.2	0.0	0.0	0.0	14.5
2014	17	-170.9	-345.9	-304.6	99.5	101.4	0.0	0.0	0.0	5.5
2016	11	-183.1	-348.0	-412.5	98.0	101.6	0.0	0.0	0.0	24.3

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1993	13	89.9	104.6	119.5	97.5	88.5	89.4
2004	10	86.9	104.1	123.1	106.7	96.3	99.1
2005	17	88.6	103.6	120.9	106.2	94.9	96.1
2006	14	88.0	103.4	121.6	106.8	95.5	97.0
2007	13	89.2	104.2	120.1	89.7	81.8	82.5
2009	11	87.6	105.8	122.1	96.5	87.3	88.6
2010	12	88.0	105.2	122.1	95.5	87.2	87.0
2012	10	88.0	104.5	121.8	105.9	93.4	94.0

Tabel: 242 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
2000	11	100.5	104.6	97.5	108.1	101.5	103.2	100.8	99.9	98.4	105.6	96.7
2001	14	101.4	106.2	97.3	110.1	101.5	103.6	101.3	100.6	99.0	105.6	98.4
2002	14	100.6	104.6	96.9	110.6	99.4	103.5	101.1	100.6	96.6	105.4	98.0
2003	11	100.5	103.2	98.8	109.2	99.1	103.9	100.9	100.8	96.3	105.5	97.8
2004	21	100.5	105.6	97.5	109.0	101.1	103.8	100.1	100.2	98.9	105.5	97.5
2005	34	100.4	105.6	97.7	108.9	101.5	103.6	100.2	99.9	99.2	105.4	97.7
2006	30	100.7	105.7	97.2	110.1	100.4	103.7	100.4	100.3	98.5	105.3	98.4
2007	19	99.2	103.6	97.9	108.7	99.1	104.4	99.3	99.8	97.1	105.9	96.3
2008	22	99.8	103.5	97.7	109.6	98.8	104.4	100.0	100.0	96.5	105.4	97.7
2009	17	99.4	103.1	97.8	108.4	98.9	103.6	99.6	100.0	96.4	105.1	96.5
2010	21	99.0	103.3	97.9	108.0	99.1	104.0	99.2	100.0	96.6	105.5	95.5
2011	16	99.4	102.6	98.7	107.6	99.2	103.7	99.7	100.3	96.7	105.1	96.1
2012	23	98.5	102.0	99.0	107.8	97.4	104.0	98.7	100.3	95.3	105.1	95.7

2013	13	98.4	102.5	99.2	107.7	97.7	104.6	98.4	100.5	95.6	105.7	95.7
2014	10	99.8	105.6	99.3	109.6	100.1	104.5	99.7	100.1	97.7	106.2	96.7

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	18	-2534.7	-9195.6	-428.7	-368.2
2002	17	-3255.9	-12454.5	-547.6	-472.1
2003	14	-2998.0	-11395.7	-505.3	-433.1
2004	22	-2452.7	-9081.8	-404.5	-359.2
2005	34	-2450.3	-8957.6	-412.8	-355.1
2006	29	-2899.7	-11078.3	-486.4	-420.1
2007	21	-2224.8	-7952.4	-372.0	-324.7
2008	19	-1689.4	-5793.3	-274.3	-251.2
2009	24	-2346.2	-8571.8	-390.9	-341.9
2010	25	-2315.9	-8330.0	-398.2	-332.5
2011	16	-2589.5	-9651.3	-441.1	-372.8
2012	27	-2390.3	-8776.1	-410.1	-342.7
2013	19	-2706.7	-9828.1	-462.7	-389.4
2014	17	-3068.4	-11466.1	-532.2	-436.5
2016	11	-3631.4	-13920.8	-627.7	-516.5

Tabel: 244 Witrood: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1993	13	100.4	96.0	13	-2.3	6.0	0	0.0
1997	12	99.3	96.2	12	-2.2	8.7	0	0.0
1999	11	99.0	96.9	11	-2.2	12.6	0	0.0
2000	13	98.4	97.2	13	-2.6	20.9	0	0.0
2001	18	99.8	96.6	18	-1.9	1.9	2	101.5
2002	17	97.0	96.1	17	-2.2	-4.8	2	103.5
2003	14	97.8	96.5	14	-1.9	5.7	5	101.4
2004	22	99.1	97.3	22	-1.8	-1.2	2	101.5
2005	34	99.9	97.2	34	-2.1	6.2	3	102.0
2006	29	98.7	96.3	29	-2.0	3.9	2	104.0
2007	21	100.1	96.6	21	-1.6	-2.1	0	0.0
2008	19	101.2	96.4	19	-1.7	1.5	0	0.0
2009	24	100.2	96.7	24	-2.1	7.9	1	103.0
2010	25	99.7	96.3	25	-2.2	8.5	0	0.0
2011	16	99.2	95.9	16	-2.2	15.2	1	102.0
2012	27	99.7	96.6	27	-2.1	13.5	0	0.0
2013	19	98.3	95.6	19	-2.2	14.5	0	0.0
2014	17	99.7	96.1	17	-2.3	5.5	0	0.0
2016	11	97.9	94.2	11	-2.6	24.3	0	0.0

Tabel: 245 Witrood: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1993	10	99.8	0	0.0	0	0.0	10	95.2
2000	10	99.6	0	0.0	0	0.0	10	94.4
2001	16	99.5	0	0.0	0	0.0	16	94.2
2002	13	99.7	0	0.0	0	0.0	13	94.4
2003	11	99.9	0	0.0	0	0.0	11	94.3
2004	19	99.5	0	0.0	0	0.0	19	93.6
2005	23	99.8	0	0.0	0	0.0	23	94.7
2006	25	99.7	0	0.0	0	0.0	25	94.7
2007	18	99.5	0	0.0	0	0.0	18	93.9
2008	17	99.7	0	0.0	0	0.0	17	94.4
2009	23	99.9	0	0.0	0	0.0	23	95.4
2010	25	99.6	0	0.0	0	0.0	25	94.4
2011	14	99.8	0	0.0	0	0.0	14	94.8
2012	27	99.7	0	0.0	0	0.0	27	95.3
2013	19	99.7	0	0.0	0	0.0	19	94.7
2014	16	99.7	0	0.0	0	0.0	16	95.1
2016	11	99.8	0	0.0	0	0.0	11	95.7

Tabel: 246 Belgisch Blauw: Vruchtbaarheidskenmerken
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	29	93.8	104.3	96.6	101.2	95.6	93.4	113.7	98.9
1981	34	94.8	103.9	96.9	101.3	96.3	92.8	113.8	99.0
1982	60	94.4	103.4	96.2	100.7	95.5	92.0	112.5	98.2
1983	83	94.4	103.8	96.6	101.0	95.8	93.2	113.9	98.7
1984	86	94.3	103.9	96.5	101.0	95.6	92.9	114.4	98.6
1985	105	94.7	103.8	97.0	101.1	96.1	93.5	114.4	98.9
1986	145	95.0	103.9	97.4	101.4	96.5	94.1	114.0	99.4
1987	201	94.8	103.2	97.0	100.7	96.2	93.9	113.8	98.8
1988	273	95.1	103.1	97.5	100.7	96.5	94.6	114.3	99.1
1989	414	95.2	103.2	97.8	101.0	96.7	94.6	114.1	99.3
1990	505	95.0	103.2	97.6	100.9	96.6	94.6	113.7	99.2
1991	616	94.9	103.0	97.3	100.7	96.4	94.6	113.3	98.9
1992	714	94.8	102.8	97.3	100.5	96.3	94.3	111.4	98.8
1993	762	94.8	102.6	97.0	100.3	96.2	94.3	110.8	98.5
1994	820	94.9	102.5	97.0	100.1	96.3	94.5	109.2	98.4
1995	922	95.1	102.3	97.0	100.0	96.4	94.7	108.7	98.4
1996	904	95.2	102.1	97.1	100.0	96.6	94.8	107.4	98.4
1997	1012	95.4	102.1	97.2	99.9	96.7	95.0	107.1	98.4
1998	1125	95.7	102.0	97.5	100.1	97.1	95.2	106.0	98.6
1999	1137	95.7	102.0	97.6	100.1	97.2	95.7	105.7	98.7
2000	1319	95.6	102.0	97.5	100.0	97.2	95.8	104.2	98.6
2001	1291	95.7	101.9	97.6	100.0	97.4	96.0	103.6	98.7
2002	1353	96.0	101.8	97.8	100.1	97.7	96.2	102.2	98.8
2003	1423	96.2	101.7	97.8	100.0	97.9	96.3	101.4	98.8
2004	1518	96.4	101.4	97.8	99.7	97.9	96.3	100.0	98.6
2005	1656	96.7	101.2	97.9	99.7	98.1	96.5	99.5	98.7
2006	1740	96.9	101.1	98.0	99.6	98.3	96.7	98.3	98.7
2007	1724	97.2	100.9	98.1	99.6	98.6	97.2	97.5	98.7
2008	1779	97.4	100.8	98.1	99.5	98.7	97.5	97.5	98.7
2009	1649	97.7	100.6	98.3	99.5	99.0	97.8	97.6	98.8
2010	1694	97.8	100.5	98.4	99.4	99.0	98.2	98.1	98.8
2011	1668	98.2	100.2	98.6	99.3	99.3	98.8	97.5	98.8

2012	1547	98.6	100.1	98.8	99.4	99.8	99.4	97.5	99.0
2013	1418	99.0	99.7	99.0	99.2	100.0	100.1	97.4	99.0
2014	1346	99.3	99.6	99.1	99.2	100.3	100.4	97.4	99.1
2015	1168	99.5	99.6	99.3	99.2	100.5	100.8	97.3	99.2
2016	1020	99.6	99.3	99.1	99.0	100.5	100.8	97.2	98.9
2017	705	99.7	99.3	99.2	99.1	100.6	101.0	97.3	99.0
2018	554	99.9	98.9	99.0	98.7	100.5	101.0	96.5	98.7
2019	59	99.3	99.3	98.8	98.8	100.2	100.7	96.8	98.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	22	93.2	0.0	93.2	0.0	85.1	0.0
1988	29	92.9	3.4	92.9	3.4	84.4	3.3
1989	45	93.3	0.0	93.3	0.0	85.4	0.0
1990	42	93.3	0.0	93.3	0.0	85.7	0.0
1991	38	93.2	0.0	93.2	0.0	85.2	0.0
1992	50	93.6	0.0	93.6	0.0	86.0	0.0
1993	35	93.6	0.0	93.6	0.0	85.5	0.0
1994	51	93.8	0.0	93.8	0.0	86.0	0.0
1995	42	93.8	4.7	93.8	4.7	86.0	4.5
1996	37	93.8	0.0	93.8	0.0	86.1	0.0
1997	36	94.1	0.0	94.1	0.0	86.8	0.0
1998	39	94.5	0.0	94.5	0.0	87.1	0.0
1999	46	93.9	0.0	93.9	0.0	86.7	0.0
2000	65	94.0	0.0	94.0	0.0	86.5	0.0
2001	46	94.3	2.1	94.3	2.1	86.6	2.1
2002	32	94.4	0.0	94.4	0.0	86.7	0.0
2003	32	93.8	3.1	93.8	3.1	86.0	3.0
2004	35	94.1	0.0	94.1	0.0	86.9	0.0
2005	29	94.7	0.0	94.7	0.0	87.2	0.0
2006	31	94.9	0.0	94.9	0.0	87.7	0.0
2007	28	95.4	3.5	95.4	3.5	88.0	3.4
2008	20	94.8	5.0	94.8	5.0	87.3	4.8
2009	22	95.9	4.5	95.9	4.5	89.1	4.4
2010	24	94.5	0.0	94.5	0.0	87.3	0.0
2011	31	94.5	0.0	94.5	0.0	86.9	0.0
2012	18	94.4	0.0	94.4	0.0	87.0	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12	107.4	100.3	90.4	8.1	8.7	8.4
1981	10	106.4	101.1	91.8	29.3	31.3	31.1
1982	38	108.9	100.0	88.8	26.6	26.9	27.0
1983	40	108.9	100.0	88.8	37.6	38.4	38.5
1984	45	108.1	99.8	89.9	37.8	38.4	38.5
1985	50	109.6	99.4	87.9	33.9	34.5	34.6
1986	65	109.2	99.6	88.6	49.4	50.2	50.9
1987	106	107.7	100.1	90.1	56.4	57.7	57.3
1988	121	106.8	100.0	91.1	73.3	74.9	74.4
1989	164	108.4	99.6	89.1	80.4	82.8	82.3
1990	204	107.5	99.3	89.9	71.5	73.4	72.3
1991	177	108.4	99.1	89.1	70.0	71.7	70.8

1992	202	107.6	99.2	90.0	75.7	78.2	77.4
1993	220	107.3	99.4	90.4	66.4	68.5	67.8
1994	258	107.5	99.0	90.2	79.6	82.3	81.8
1995	280	107.5	98.9	90.1	74.9	77.1	76.6
1996	290	107.1	98.8	90.6	79.0	81.0	80.5
1997	332	107.2	98.9	90.4	75.8	77.9	77.5
1998	402	107.6	98.2	90.1	78.5	80.2	79.4
1999	445	107.6	98.4	90.0	83.2	85.4	84.5
2000	515	107.1	98.4	90.5	88.4	90.7	89.3
2001	491	107.1	98.4	90.7	90.4	92.2	90.7
2002	592	106.8	98.2	91.0	89.5	91.3	89.5
2003	690	107.3	98.0	90.5	94.6	96.2	94.6
2004	884	106.4	98.3	91.7	94.8	96.5	95.5
2005	1029	106.2	98.5	91.8	95.2	97.1	96.5
2006	1095	106.2	98.2	91.7	96.2	97.4	96.3
2007	1419	105.5	98.2	92.5	97.4	98.6	97.5
2008	1428	105.4	98.0	92.7	97.4	98.3	97.4
2009	1381	105.4	98.2	92.5	97.1	98.5	97.5
2010	1391	105.5	98.3	92.2	97.1	99.1	98.5
2011	1373	104.9	98.7	93.3	97.9	99.4	98.5
2012	1309	104.0	98.9	94.3	98.4	99.5	98.3
2013	1145	103.8	98.5	94.4	98.8	99.8	98.8
2014	1105	103.4	98.5	95.2	99.0	99.8	98.4
2015	971	103.3	98.6	95.5	99.9	100.2	99.7
2016	894	103.6	98.7	95.5	99.7	99.9	99.7
2017	752	103.3	98.7	95.7	100.1	100.1	99.9
2018	608	102.9	98.9	96.6	100.3	99.9	100.1
2019	504	102.3	99.0	97.3	98.3	97.7	97.5
2020	428	104.0	98.5	95.2	97.5	97.1	97.0

Tabel: 249 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	99.2	92.8	95.7	97.0	99.9	100.6	101.2	98.2	93.5	98.7	98.4
1981	10	97.5	88.6	95.4	97.1	94.5	100.0	100.1	99.0	91.5	97.3	99.9
1982	21	97.0	86.5	95.7	96.0	94.0	99.8	99.9	99.4	89.4	97.7	98.0
1983	29	96.4	83.7	96.2	91.8	94.5	99.0	99.4	98.6	89.2	97.2	95.4
1984	37	96.0	82.7	95.4	92.8	93.3	99.2	99.5	98.4	88.3	97.0	96.6
1985	30	97.0	85.9	95.7	94.9	94.3	99.6	100.1	98.8	89.3	97.3	98.0
1986	54	97.1	82.8	95.9	92.9	94.1	99.4	100.3	98.7	89.4	97.3	97.9
1987	91	97.9	87.2	96.3	95.2	96.3	100.4	100.2	99.3	91.1	98.2	98.2
1988	110	98.3	87.1	96.5	95.2	96.8	100.2	100.7	98.9	91.6	98.3	98.6
1989	177	98.2	86.9	96.4	95.6	95.5	99.7	100.9	99.6	90.4	98.0	98.1
1990	225	98.4	88.3	96.5	96.0	96.7	100.2	100.6	99.9	91.2	98.6	97.7
1991	231	97.9	87.4	96.4	95.3	95.9	99.8	100.4	99.5	90.5	98.3	97.1
1992	305	98.6	89.1	97.0	96.0	97.3	99.9	100.8	99.6	91.7	98.6	97.4
1993	363	98.5	88.1	97.1	95.0	97.5	99.8	100.7	99.4	91.8	98.7	97.2
1994	419	98.6	89.1	97.1	95.4	97.6	99.8	100.6	99.8	92.1	98.6	97.1
1995	460	98.7	89.4	97.3	95.4	98.1	100.1	100.6	99.7	92.4	98.9	97.2
1996	462	98.8	89.5	97.7	95.2	98.5	100.1	100.6	100.0	92.7	99.2	97.1
1997	499	99.2	90.6	97.9	95.5	99.2	100.2	100.7	100.0	93.6	99.3	97.4
1998	580	98.9	91.2	98.0	95.9	99.1	100.4	100.3	100.1	93.8	99.4	97.1
1999	603	99.3	91.4	98.0	95.5	99.8	100.0	100.5	100.1	94.0	99.2	96.9
2000	713	99.6	92.7	98.3	95.9	100.6	100.1	100.8	100.1	94.6	99.5	96.9
2001	694	99.9	92.3	98.5	95.7	100.9	100.1	100.9	100.3	94.6	99.7	96.7
2002	793	99.8	93.5	98.5	96.4	101.1	100.3	100.6	100.3	95.0	99.7	96.8
2003	843	99.8	93.2	98.4	96.1	101.0	100.1	100.6	100.6	94.8	99.4	96.7
2004	927	99.9	94.8	99.0	96.6	101.6	100.3	100.4	100.8	95.6	99.6	96.9
2005	987	99.8	95.1	99.4	96.6	101.7	100.2	100.3	100.6	95.8	99.6	96.9

2006	1043	99.2	94.8	99.4	96.5	100.6	100.1	99.8	100.7	95.3	99.4	96.4
2007	1019	99.5	96.3	99.6	97.3	101.1	100.2	100.0	100.6	96.0	99.5	96.7
2008	936	99.4	97.0	99.7	97.7	100.8	100.2	99.9	100.6	96.2	99.5	97.1
2009	776	99.3	98.0	99.9	98.4	100.4	100.5	99.8	100.6	96.5	99.6	97.4
2010	610	99.1	98.2	99.8	98.9	99.8	100.3	99.7	100.6	96.3	99.4	97.9
2011	402	99.3	100.2	100.0	100.3	99.6	100.6	99.7	100.7	97.0	99.5	98.9
2012	264	99.2	100.9	100.0	100.7	99.4	100.6	99.5	101.0	97.2	99.5	98.9
2013	148	99.6	102.4	100.1	101.7	100.3	100.9	99.7	101.1	97.9	99.8	99.3
2014	132	99.5	102.1	100.4	101.9	99.4	100.9	99.7	101.0	97.7	99.7	100.0
2015	66	99.1	104.0	101.0	101.9	100.4	101.3	98.8	100.9	98.7	100.1	99.1
2016	25	97.8	101.0	101.2	100.2	98.4	100.9	98.0	100.7	97.4	99.9	97.7

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1995	13	100.0	0	0.0	0	0.0	13	98.2
1997	13	100.0	0	0.0	0	0.0	13	98.6
1999	17	100.0	0	0.0	0	0.0	17	98.8
2000	18	100.0	0	0.0	0	0.0	18	98.7
2001	14	100.0	0	0.0	0	0.0	14	98.6

Tabel: 251 Belgisch Blauw: Reproductiestoornissen
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
2011	10	108.3	105.7	109.8	106.6	105.3	103.6
2012	16	108.8	106.4	110.0	106.8	105.8	103.9
2013	16	108.4	106.2	109.7	106.6	105.9	103.8

Tabel: 252 Brand rood: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2004	17	-1299.9	-61.9	-56.0	-57.9	-8.0	-15.4	3.9	-376.9
2006	13	-1278.8	-61.8	-52.2	-54.6	-9.7	-9.3	8.6	-360.5
2007	19	-1332.5	-66.7	-56.9	-59.0	-14.3	-14.7	4.6	-391.1
2008	17	-1101.5	-55.5	-49.9	-49.1	-12.5	-17.1	3.6	-335.9
2009	15	-1216.8	-59.2	-49.5	-53.4	-10.3	-8.9	5.5	-343.2
2010	18	-1059.3	-53.5	-47.5	-45.4	-12.1	-14.8	6.8	-320.8
2011	20	-1055.8	-55.8	-48.6	-45.1	-16.1	-17.6	6.8	-330.1
2012	18	-823.2	-48.0	-41.9	-32.3	-19.9	-20.2	10.3	-282.5
2013	27	-754.0	-43.0	-39.5	-33.2	-16.0	-20.3	2.7	-262.3
2014	22	-901.7	-44.3	-41.9	-36.7	-7.6	-15.5	9.0	-275.6

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

Tabel: 253 Brand rood: Vruchtbaarheidsskenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2000	16	100.1	102.4	99.7	101.2	99.6	96.3	87.8	100.6
2001	17	101.0	103.2	100.2	102.1	100.1	96.9	88.4	101.1
2002	31	100.9	103.2	100.3	102.1	100.2	96.7	88.3	101.3
2003	33	99.9	102.7	99.4	101.2	99.1	95.7	87.2	100.3
2004	64	100.0	102.6	99.7	101.3	99.5	96.2	86.6	100.6
2005	42	100.0	102.4	99.5	101.3	99.5	96.2	86.7	100.4
2006	64	99.8	102.5	99.3	101.1	99.3	96.0	86.6	100.2
2007	69	99.9	102.6	99.5	101.3	99.5	96.2	87.2	100.5
2008	90	100.2	102.9	100.1	101.7	99.8	96.4	87.2	101.0
2009	117	100.1	102.8	99.8	101.6	99.7	96.4	87.4	100.7
2010	127	100.1	102.4	99.5	101.3	99.6	96.3	86.7	100.4
2011	160	100.2	102.2	99.5	101.2	99.6	96.4	86.9	100.5
2012	153	100.3	101.9	99.4	100.9	99.6	96.6	87.2	100.2
2013	184	100.3	101.9	99.5	101.0	99.7	96.6	87.5	100.3
2014	194	100.4	102.3	99.8	101.4	99.9	96.6	87.6	100.6
2015	143	100.1	102.0	99.5	101.1	99.7	96.6	87.8	100.3
2016	125	100.1	102.0	99.3	101.0	99.6	96.4	87.4	100.1
2017	65	99.9	102.0	99.3	100.9	99.4	96.5	87.6	100.1
2018	48	100.0	102.1	99.3	101.0	99.5	96.3	87.6	100.2

Tabel: 254 Brand rood: NVI met onderliggende kenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
2004	17	-131.2	-376.9	-115.7	101.1	100.6	0.0	0.0	98.2	58.2
2006	13	-163.4	-360.5	-373.2	99.9	100.2	0.0	0.0	98.0	50.2
2007	19	-154.7	-391.1	-250.8	101.5	100.5	97.0	94.0	97.8	58.9
2008	17	-128.8	-335.9	-184.9	100.1	101.0	0.0	0.0	98.1	41.4
2009	15	-142.3	-343.2	-238.1	99.8	100.7	0.0	0.0	98.3	29.5
2010	18	-128.4	-320.8	-230.7	99.4	100.4	0.0	0.0	98.5	32.4
2011	20	-135.8	-330.1	-162.4	99.5	100.5	0.0	0.0	98.2	38.9
2012	18	-109.3	-282.5	-123.6	99.9	100.2	0.0	0.0	98.5	29.9
2013	27	-101.1	-262.3	-78.8	98.2	100.3	0.0	0.0	98.4	33.3
2014	22	-101.0	-275.6	-114.7	99.8	100.6	0.0	0.0	98.3	31.6

Tabel: 255 Brand rood: Levensvatbaarheidsskenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2004	21	98.0	98.6	98.0	98.6	91.1	98.9
2005	15	98.9	98.9	98.9	98.9	91.8	99.3
2006	25	98.2	98.4	98.2	98.4	91.4	98.7
2007	30	98.3	98.3	98.3	98.3	91.4	98.5
2008	43	98.3	98.6	98.3	98.6	91.2	98.6
2009	47	99.0	98.2	99.0	98.2	92.1	98.8
2010	66	99.2	98.5	99.2	98.5	92.1	99.0
2011	76	98.7	98.6	98.7	98.6	91.7	98.9
2012	93	99.5	94.3	99.5	94.3	92.3	94.8
2013	86	99.3	97.4	99.3	97.4	92.2	98.0
2014	91	99.2	92.0	99.2	92.0	92.1	92.5

2015	60	99.4	91.9	99.4	91.9	92.3	92.4
2016	76	99.6	88.1	99.6	88.1	92.6	88.6
2017	67	99.4	95.1	99.4	95.1	92.5	96.0
2018	82	99.5	89.5	99.5	89.5	92.5	90.3
2019	51	99.4	92.1	99.4	92.1	92.5	93.0
2020	32	99.6	82.7	99.6	82.7	92.8	83.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2000	10	86.4	104.2	119.4	53.6	45.6	44.9
2003	12	92.3	101.8	112.5	72.7	60.2	58.6
2004	25	94.9	102.2	109.2	73.7	62.5	59.8
2005	14	95.4	101.6	108.6	99.6	84.3	83.0
2006	27	92.2	102.6	112.6	80.6	68.0	64.4
2007	29	93.4	101.4	111.1	78.6	66.5	62.3
2008	43	93.4	101.2	111.0	83.0	70.3	66.8
2009	50	95.3	101.3	108.8	97.5	82.0	78.8
2010	47	95.1	101.2	108.9	92.2	77.3	73.5
2011	60	93.8	101.8	110.7	86.7	72.2	69.3
2012	68	92.9	102.9	111.7	94.0	79.2	77.2
2013	67	93.5	102.0	110.9	85.4	71.7	69.9
2014	73	95.6	100.7	108.3	87.5	72.8	70.3
2015	56	95.2	100.5	108.8	84.2	71.4	68.7
2016	67	97.1	99.6	106.6	91.7	76.8	74.3
2017	61	96.5	100.4	107.2	66.9	56.5	54.2
2018	59	96.5	99.9	107.2	71.4	59.7	57.7
2019	53	96.3	100.1	107.5	46.9	39.2	38.0
2020	37	96.6	100.6	107.1	23.4	19.6	19.0

Tabel: 257 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	100.4	107.7	95.2	102.2	106.2	99.8	98.2	97.9	108.5	97.0	101.8
2004	30	101.2	109.4	95.1	101.7	108.0	99.4	97.6	99.8	110.9	95.7	102.6
2005	21	100.9	109.9	96.8	101.0	109.0	100.5	97.0	99.3	111.9	97.1	102.2
2006	30	99.2	107.4	94.9	101.0	105.7	99.7	96.8	98.0	108.5	96.4	100.7
2007	27	98.1	107.9	95.1	100.4	106.0	100.1	95.6	97.3	109.1	96.1	100.1
2008	36	98.8	107.6	96.0	100.6	105.9	100.5	96.2	98.0	109.0	96.9	100.7
2009	22	99.4	109.3	96.5	100.5	107.8	100.4	96.4	97.8	111.0	97.1	101.0
2010	23	99.6	109.3	96.3	101.2	108.0	100.6	97.1	97.0	110.6	97.8	101.3
2011	12	100.2	108.6	95.3	100.9	107.6	99.4	97.0	98.6	110.3	96.2	101.5

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2003	12	104.4	101.1	100.6
2004	37	104.4	101.2	100.6
2005	31	104.4	101.2	100.8

2006	33	105.2	102.0	100.9
2007	42	105.2	101.8	101.1
2008	60	105.3	101.9	100.9
2009	64	104.8	101.6	100.9
2010	77	104.8	101.5	100.9
2011	87	105.3	102.0	101.0
2012	106	104.5	101.3	101.1
2013	108	104.1	100.9	101.1
2014	109	104.3	101.1	101.1
2015	61	103.9	100.8	100.8
2016	76	104.3	101.1	100.9
2017	80	104.5	101.3	101.3
2018	90	104.7	101.7	101.4
2019	59	104.8	101.7	101.6
2020	40	105.3	102.0	101.7

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	13	-2339.4	-8801.8	-384.5	-342.8
2007	12	-2945.2	-11163.1	-499.8	-423.0
2008	12	-2627.2	-10086.2	-443.6	-378.3
2009	16	-2753.0	-10827.4	-467.4	-394.8
2010	15	-2754.8	-10542.3	-469.3	-394.9
2011	16	-2371.4	-8896.3	-397.7	-343.8
2012	18	-1979.6	-7123.4	-331.5	-288.2
2013	16	-1567.0	-5441.7	-260.1	-230.1
2014	16	-1956.8	-7490.4	-324.2	-285.2

Tabel: 260 Brand rood: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
2004	17	100.9	100.1	17	-3.4	58.2	0	0.0
2006	13	102.1	99.2	13	-3.1	50.2	0	0.0
2007	19	102.1	98.4	19	-3.5	58.9	1	94.0
2008	17	102.2	98.8	17	-2.8	41.4	0	0.0
2009	15	102.0	99.3	15	-2.7	29.5	0	0.0
2010	18	101.8	99.4	18	-2.5	32.4	0	0.0
2011	20	101.6	98.5	20	-2.7	38.9	0	0.0
2012	18	102.0	99.6	18	-2.2	29.9	0	0.0
2013	27	100.9	98.6	27	-2.2	33.3	0	0.0
2014	22	100.6	98.5	22	-2.2	31.6	0	0.0

Tabel: 261 Fleck Vieh: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	19	-688.8	-37.0	-33.9	-38.1	-10.2	-14.7	-11.1	-228.4
1985	35	-460.6	-30.8	-26.2	-27.7	-16.5	-15.1	-10.9	-180.7
1986	34	-279.0	-22.3	-21.6	-19.5	-15.5	-18.1	-10.8	-141.2

1987	64	-416.5	-26.7	-25.3	-25.8	-13.0	-16.1	-11.0	-167.6
1988	65	-572.6	-31.9	-31.3	-32.8	-10.1	-16.9	-11.0	-205.2
1989	48	-730.6	-33.7	-37.0	-40.1	-0.2	-16.7	-11.3	-234.3
1990	61	-475.9	-26.9	-27.7	-28.5	-8.8	-16.7	-11.0	-178.6
1991	46	-580.6	-29.5	-32.6	-33.2	-5.3	-18.6	-11.2	-205.6
1992	70	-346.1	-22.8	-26.0	-22.4	-10.9	-21.2	-10.8	-161.3
1993	67	-335.7	-25.9	-27.2	-22.0	-16.9	-23.7	-10.7	-172.7
1994	75	-339.9	-21.5	-24.8	-22.2	-10.0	-19.9	-10.7	-153.3
1995	109	-320.1	-14.6	-22.7	-21.3	-0.1	-17.5	-10.8	-130.0
1996	107	-349.5	-20.1	-23.9	-22.6	-7.0	-17.8	-10.7	-147.2
1997	109	-227.5	-17.9	-21.9	-17.1	-12.0	-21.6	-10.7	-132.7
1998	213	-358.9	-23.1	-24.0	-23.1	-11.1	-17.5	-10.9	-153.9
1999	273	-248.9	-19.1	-21.1	-18.1	-12.4	-18.9	-10.8	-132.2
2000	236	-368.8	-25.7	-25.0	-23.6	-14.9	-18.5	-10.9	-163.6
2001	470	-423.3	-31.1	-26.5	-25.8	-20.0	-17.8	-10.5	-181.7
2002	539	-435.8	-29.5	-26.6	-26.7	-16.6	-17.3	-11.1	-179.3
2003	554	-429.3	-29.6	-27.0	-27.1	-16.9	-18.1	-12.2	-180.8
2004	461	-158.8	-19.4	-17.9	-15.4	-19.1	-18.8	-13.0	-119.1
2005	928	-164.8	-19.2	-18.1	-16.5	-18.4	-18.8	-14.3	-119.6
2006	610	-23.6	-13.7	-13.5	-9.4	-19.0	-19.2	-13.0	-86.8
2007	517	-35.4	-14.8	-12.5	-9.1	-20.2	-17.0	-11.7	-85.1
2008	650	0.8	-13.4	-11.8	-7.8	-20.4	-18.0	-12.1	-78.6
2009	532	13.5	-12.1	-10.8	-7.1	-19.2	-17.1	-12.0	-71.9
2010	771	222.3	-5.0	-5.3	2.2	-21.9	-19.9	-12.2	-31.8
2011	674	311.2	-1.6	-1.6	5.0	-22.3	-18.9	-13.8	-8.4
2012	785	483.7	6.3	4.6	13.8	-21.3	-18.6	-12.3	36.2
2013	829	560.9	10.3	7.6	17.2	-20.2	-18.2	-12.3	58.0
2014	907	620.2	13.2	9.5	19.9	-19.5	-18.4	-12.2	72.4
2015	860	734.8	18.3	13.4	24.6	-19.3	-18.5	-12.9	100.8
2016	813	836.2	22.4	16.1	28.2	-19.6	-19.6	-14.1	121.7
2017	819	954.9	27.4	19.5	32.7	-19.7	-20.7	-15.2	147.4
2018	353	1082.5	33.7	24.6	38.4	-18.5	-20.0	-15.1	183.1

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

Tabel: 262 Fleck Vieh: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1987	11	102.5	104.4	100.4	94.6	107.8	100.9	92.3
1989	13	103.4	102.4	101.5	95.8	105.5	99.0	94.7
1990	24	103.6	103.5	101.2	95.5	106.3	100.3	93.6
1991	12	103.1	104.2	100.2	94.4	107.5	100.7	92.3
1992	25	104.0	103.0	101.1	96.2	105.5	100.3	93.7
1993	30	104.2	103.9	100.9	95.5	106.6	101.5	93.2
1994	34	103.6	104.9	101.4	95.1	107.3	101.4	93.3
1995	42	103.3	105.0	101.2	95.4	107.5	99.9	92.8
1996	32	103.6	104.9	100.8	94.9	107.6	100.6	92.9
1997	42	103.4	104.1	100.9	95.3	107.0	100.2	93.1
1998	41	103.3	103.5	101.0	95.6	106.3	100.3	93.3
1999	68	103.5	103.6	100.9	95.8	106.3	100.4	93.3
2000	37	103.5	104.2	101.1	95.0	107.3	100.5	94.0
2001	69	103.0	104.8	101.2	95.0	107.2	100.0	93.4
2002	68	103.0	104.6	100.5	94.1	107.8	100.5	93.0
2003	79	103.5	104.5	101.1	94.9	107.3	100.9	93.2
2004	63	103.1	104.8	100.5	94.4	107.3	100.4	93.1
2005	107	103.6	104.5	100.4	94.3	107.1	101.6	93.2
2006	68	103.6	105.0	101.2	95.0	107.2	101.1	93.3
2007	51	103.6	105.2	101.4	94.6	107.5	100.7	94.1
2008	61	103.6	105.1	101.2	95.0	107.5	101.0	93.6
2009	46	103.5	105.4	100.9	94.0	107.8	100.9	93.2

2010	49	103.3	104.6	100.7	94.2	107.6	101.1	93.0
2011	27	103.0	104.5	99.9	93.8	107.7	101.1	92.6
2012	21	102.9	104.7	101.6	95.6	107.5	101.1	93.3
2013	40	105.0	104.2	102.3	96.0	107.0	100.4	93.0
2014	23	103.8	104.0	101.7	95.5	106.9	100.8	93.2
2015	29	105.0	104.6	103.0	97.3	106.0	101.2	94.0
2016	16	105.6	103.9	103.5	98.4	105.4	100.4	93.5
2017	26	104.0	103.9	102.0	97.0	106.1	101.3	92.5

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1987	11	99.8	95.3	111.3	102.2	100.2
1989	13	99.2	96.8	108.5	100.1	100.0
1990	24	99.8	96.5	110.2	101.6	100.2
1991	12	98.9	95.8	110.9	101.2	99.2
1992	25	100.0	96.4	110.0	101.5	100.4
1993	30	101.7	95.3	111.7	103.2	101.9
1994	34	101.8	95.4	111.9	103.8	102.2
1995	42	100.4	95.3	112.0	103.1	100.9
1996	32	100.8	95.2	112.1	103.5	101.2
1997	42	100.0	95.4	111.5	102.5	100.4
1998	41	100.8	95.5	111.4	102.4	101.3
1999	68	100.8	95.4	111.4	102.4	101.1
2000	37	101.3	95.3	111.9	103.1	101.7
2001	69	101.3	95.5	112.1	103.7	101.9
2002	68	101.1	95.0	112.4	103.4	101.5
2003	79	100.6	95.6	111.6	103.0	101.2
2004	63	100.5	94.7	112.6	102.9	101.1
2005	107	100.5	95.4	111.6	102.8	101.1
2006	68	100.5	95.7	111.3	103.1	101.1
2007	51	101.1	95.5	112.3	103.5	101.9
2008	61	101.8	95.4	112.6	104.0	102.2
2009	46	101.3	95.3	112.4	104.2	101.9
2010	49	101.3	95.1	112.6	103.6	101.7
2011	27	101.0	95.0	112.7	103.4	101.6
2012	21	100.9	94.5	112.7	103.6	100.9
2013	40	100.9	95.8	111.2	103.3	101.3
2014	23	100.7	95.9	111.6	103.2	101.2
2015	29	100.2	96.5	109.9	103.0	100.6
2016	16	100.8	96.1	110.2	103.3	101.4
2017	26	100.5	95.4	111.2	103.5	101.0

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1987	11	97.9	99.2	101.7	99.5	92.4	99.7	97.4
1989	13	99.2	100.2	101.7	100.4	94.4	99.9	98.0
1990	24	98.3	99.7	102.0	99.5	92.6	99.2	97.1
1991	12	98.7	99.2	102.5	99.3	91.5	99.5	96.8
1992	25	97.8	99.0	101.6	99.1	93.0	99.1	96.9
1993	30	97.8	98.3	101.2	98.8	92.5	99.0	96.5
1994	34	97.5	98.5	102.6	98.3	92.2	99.5	96.9
1995	42	98.3	99.5	100.7	99.1	92.4	99.2	96.8

1996	32	99.2	100.1	100.6	99.8	92.5	98.8	96.8
1997	42	98.8	100.1	100.4	99.7	92.6	99.3	97.3
1998	41	98.3	100.1	101.9	99.0	93.4	99.7	97.5
1999	68	98.2	99.8	101.3	98.9	93.1	99.3	97.2
2000	37	98.4	99.2	102.5	99.1	92.9	99.9	97.5
2001	69	98.4	99.1	102.4	98.9	92.7	99.6	97.2
2002	68	99.1	99.3	102.4	99.5	92.6	98.4	96.5
2003	79	98.5	98.9	102.4	98.8	92.5	98.5	96.5
2004	63	98.7	99.4	101.9	99.3	92.9	99.0	96.9
2005	107	98.1	98.6	101.9	99.1	91.9	98.2	96.2
2006	68	97.8	98.9	101.3	98.7	92.1	99.1	96.9
2007	51	98.2	99.5	101.5	98.6	92.3	99.2	97.4
2008	61	98.6	98.6	101.9	99.1	92.7	98.5	96.4
2009	46	98.7	100.0	102.7	99.3	91.9	99.1	97.3
2010	49	99.3	98.8	102.1	99.6	92.3	98.1	96.3
2011	27	98.5	98.5	103.3	98.7	91.5	98.6	96.5
2012	21	99.3	100.1	100.8	99.5	93.5	98.8	96.8
2013	40	99.6	100.6	101.5	99.5	93.7	99.2	97.7
2014	23	100.5	99.7	102.0	100.3	93.2	98.3	96.5
2015	29	99.4	101.8	100.7	99.8	94.0	99.6	98.1
2016	16	100.1	101.6	99.8	100.4	94.2	99.1	97.5
2017	26	99.9	100.8	100.7	100.5	93.7	99.7	97.7

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1987	11	97.9	100.5	96.9	100.4	108.4	98.0
1989	13	97.9	100.2	98.2	100.1	107.5	98.4
1990	24	98.1	100.2	97.0	100.6	107.5	98.2
1991	12	97.8	99.8	96.8	99.8	107.8	97.6
1992	25	98.1	100.2	96.7	100.7	106.4	98.1
1993	30	98.7	100.3	96.4	102.1	107.3	98.9
1994	34	99.0	100.2	96.0	102.6	108.4	99.0
1995	42	97.9	100.6	96.8	101.2	108.1	98.4
1996	32	98.2	100.5	97.3	101.5	108.6	98.9
1997	42	97.9	100.3	97.2	100.5	107.7	98.2
1998	41	98.1	100.3	97.1	101.5	107.4	98.8
1999	68	98.1	100.3	96.9	101.4	107.1	98.5
2000	37	98.7	100.6	97.0	101.9	108.2	99.1
2001	69	98.2	100.1	96.8	102.3	108.2	98.9
2002	68	97.9	99.9	97.1	101.8	108.6	98.7
2003	79	98.5	100.3	96.6	101.5	108.3	98.6
2004	63	97.9	99.7	97.1	101.1	108.3	98.3
2005	107	98.6	99.6	96.3	101.2	108.2	98.2
2006	68	98.6	100.0	96.2	101.5	108.2	98.4
2007	51	98.8	100.0	96.4	102.3	109.0	98.9
2008	61	98.9	100.3	96.8	102.6	108.8	99.4
2009	46	98.4	99.6	96.6	102.2	109.1	98.9
2010	49	98.3	99.8	97.1	101.9	108.6	98.9
2011	27	97.8	99.5	96.1	101.7	108.3	98.2
2012	21	98.8	100.6	97.7	101.0	108.2	99.0
2013	40	98.4	100.5	97.6	101.6	108.0	99.2
2014	23	98.5	100.3	98.2	101.7	107.8	99.4
2015	29	99.4	100.8	98.0	101.0	107.6	99.4
2016	16	98.7	100.7	98.4	101.7	106.5	99.8
2017	26	98.4	100.5	98.4	101.1	106.7	99.3

Tabel: 266 Fleck Vieh: Vruchtbaarheidsskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	17	99.0	104.6	100.8	102.2	100.9	96.8	98.9	101.6
1985	35	97.7	106.0	100.9	103.0	100.7	96.0	99.4	102.1
1986	31	98.2	105.6	101.3	103.2	101.2	96.2	99.5	102.5
1987	57	98.4	105.7	101.5	103.3	101.2	95.9	99.6	102.5
1988	67	98.9	105.8	101.5	103.3	101.3	95.9	99.8	102.5
1989	41	98.4	105.7	101.2	103.3	101.3	96.2	99.6	102.4
1990	58	98.3	105.5	101.2	103.0	101.1	95.9	99.1	102.2
1991	46	98.4	105.5	101.2	103.0	101.2	96.3	99.0	102.2
1992	60	97.9	105.5	100.8	102.8	100.7	96.0	99.4	102.0
1993	63	97.8	105.2	100.8	102.6	100.7	96.3	99.3	101.9
1994	65	98.1	105.9	101.5	103.3	101.2	96.0	99.5	102.6
1995	108	98.8	105.4	101.7	103.2	101.7	96.2	98.5	102.6
1996	100	98.4	105.3	101.5	103.0	101.2	96.0	97.7	102.3
1997	95	98.3	105.6	101.6	103.2	101.4	96.0	98.6	102.6
1998	178	97.5	105.4	100.7	102.4	100.2	95.6	98.0	101.8
1999	231	97.5	105.5	100.9	102.7	100.4	95.6	98.1	102.0
2000	206	95.7	105.3	99.3	101.6	98.5	95.0	99.0	100.5
2001	358	95.5	105.4	99.2	101.7	98.3	95.3	98.9	100.5
2002	442	97.2	104.5	99.8	101.3	98.9	95.1	96.9	100.5
2003	472	96.9	104.8	99.7	101.5	98.9	95.2	97.3	100.6
2004	470	96.7	105.1	99.9	101.9	99.2	95.1	98.9	101.0
2005	960	96.9	104.9	99.9	101.8	99.3	95.2	98.3	100.9
2006	660	96.9	104.8	99.8	101.6	99.2	95.0	98.5	100.8
2007	578	97.2	104.8	100.1	102.0	99.7	95.4	98.6	101.1
2008	751	97.6	104.6	100.3	102.1	100.0	95.8	98.7	101.3
2009	612	97.4	105.3	100.8	102.7	100.2	96.1	101.2	101.9
2010	940	97.6	105.0	100.7	102.6	100.3	96.3	101.2	101.8
2011	816	97.7	104.9	101.0	102.7	100.6	96.1	101.1	102.0
2012	1001	98.4	104.8	101.4	103.0	101.3	96.6	102.1	102.3
2013	1027	98.8	104.6	101.6	103.0	101.7	96.5	101.9	102.5
2014	1146	99.0	104.4	101.7	103.0	101.9	96.7	102.3	102.5
2015	1162	99.0	104.4	101.8	103.0	101.9	96.6	102.7	102.6
2016	1126	99.0	104.2	101.6	102.8	101.9	96.4	102.5	102.4
2017	1047	99.0	103.9	101.6	102.6	101.9	96.5	102.4	102.3
2018	542	99.3	104.1	102.0	103.0	102.4	96.8	102.6	102.7
2019	88	99.3	104.4	102.2	103.3	102.5	96.9	103.5	103.0

Tabel: 267 Fleck Vieh: Gebruiksskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	11	97.0	44.6	99.1	104.5	104.7
1992	15	97.9	59.7	99.2	104.4	104.3
1993	26	98.0	23.1	99.7	104.8	104.0
1994	28	96.9	60.6	99.4	104.4	104.2
1995	49	96.9	76.9	99.5	104.5	103.8
1996	37	97.0	69.2	98.7	104.6	104.3
1997	35	97.1	86.8	99.1	104.9	104.0
1998	31	96.8	71.3	98.6	104.7	104.0
1999	59	97.5	72.6	98.6	104.6	103.9
2000	31	96.3	57.1	97.6	103.2	103.8
2001	57	96.4	82.7	97.2	103.0	104.0
2002	51	96.5	81.7	97.4	104.6	104.5
2003	62	96.4	82.2	97.4	104.0	104.4

2004	50	96.7	85.3	98.2	103.5	104.0
2005	92	97.9	92.9	97.9	103.6	104.0
2006	57	97.4	91.8	98.4	104.0	103.7
2007	45	97.0	88.5	97.9	103.1	103.2
2008	58	97.3	82.7	98.2	103.4	103.5
2009	43	97.3	83.8	98.2	103.4	103.4
2010	43	97.7	96.9	99.0	104.1	103.8
2011	27	97.7	95.7	99.1	104.2	103.8
2012	20	99.0	94.7	99.6	104.5	103.5
2013	38	97.1	96.1	99.9	104.8	103.6
2014	22	97.7	94.5	99.9	104.7	103.2
2015	27	97.7	91.6	100.1	104.8	103.2
2016	13	97.6	100.8	100.5	105.3	103.4
2017	22	97.5	99.9	101.0	105.5	103.8

Tabel: 268 Fleck Vieh: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1984	19	-58.9	-228.4	-0.7	105.7	101.6	98.0	102.0	99.0	0.0
1985	35	-43.6	-180.7	131.8	105.1	102.1	95.5	100.5	103.0	33.2
1986	34	-10.4	-141.2	268.0	105.4	102.5	96.7	101.3	101.5	7.8
1987	64	-22.4	-167.6	250.9	104.8	102.5	96.9	100.4	101.0	16.1
1988	65	-40.6	-205.2	111.3	105.0	102.5	97.3	100.7	103.0	28.9
1989	48	-43.9	-234.3	46.0	104.8	102.4	98.2	100.1	100.9	38.0
1990	61	-13.7	-178.6	211.9	105.1	102.2	97.0	100.6	101.1	20.9
1991	46	-26.7	-205.6	112.7	105.3	102.2	96.8	99.8	101.0	33.5
1992	70	-5.0	-161.3	243.1	104.9	102.0	96.7	100.7	101.6	20.5
1993	67	-2.9	-172.7	244.8	104.7	101.9	96.4	102.1	102.1	14.4
1994	75	8.1	-153.3	295.4	104.7	102.6	96.0	102.6	102.5	9.0
1995	109	18.5	-130.0	311.1	104.5	102.6	96.8	101.2	102.9	7.6
1996	107	8.7	-147.2	303.5	104.9	102.3	97.3	101.5	102.4	15.9
1997	109	15.0	-132.7	273.6	104.8	102.6	97.2	100.5	102.6	8.9
1998	213	2.4	-153.9	308.0	104.7	101.8	97.1	101.5	102.0	23.6
1999	273	14.9	-132.2	299.7	104.7	102.0	96.9	101.4	102.0	11.6
2000	236	-5.1	-163.6	281.1	103.9	100.5	97.0	101.9	102.8	16.2
2001	470	-14.0	-181.7	271.2	104.0	100.5	96.8	102.3	103.3	22.5
2002	539	-8.1	-179.3	269.8	105.1	100.5	97.1	101.8	102.8	17.3
2003	554	-8.6	-180.8	175.9	104.7	100.6	96.6	101.5	102.3	14.5
2004	461	13.0	-119.1	85.8	104.3	101.0	97.1	101.1	102.2	-16.3
2005	928	11.4	-119.6	87.7	104.3	100.9	96.3	101.2	102.4	-15.1
2006	610	32.1	-86.8	127.3	104.3	100.8	96.2	101.5	102.3	-19.9
2007	517	29.3	-85.1	131.5	103.5	101.1	96.4	102.3	102.5	-24.3
2008	650	43.4	-78.6	149.5	103.8	101.3	96.8	102.6	102.5	-28.8
2009	532	49.0	-71.9	132.3	103.8	101.9	96.6	102.2	102.5	-34.1
2010	771	69.0	-31.8	159.6	104.4	101.8	97.1	101.9	102.5	-40.8
2011	674	76.8	-8.4	150.2	104.4	102.0	96.1	101.7	102.5	-50.4
2012	785	97.1	36.2	143.5	104.4	102.3	97.7	101.0	103.0	-60.2
2013	829	106.5	58.0	157.0	104.6	102.5	97.6	101.6	103.1	-64.4
2014	907	114.7	72.4	173.5	104.3	102.5	98.2	101.7	103.2	-66.3
2015	860	124.7	100.8	176.8	104.3	102.6	98.0	101.0	103.4	-70.7
2016	813	134.0	121.7	193.5	104.7	102.4	98.4	101.7	103.1	-71.4
2017	819	147.0	147.4	218.5	105.1	102.3	98.4	101.1	103.2	-75.7
2018	353	167.5	183.1	245.5	105.2	102.7	97.7	103.7	103.2	-86.9

Tabel: 269 Fleck Vieh: Klauwgezondheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	11	95.4	92.6	97.5	98.9	98.4	102.9	96.4
2001	10	95.2	89.7	98.7	100.2	96.3	104.7	95.8
2003	17	96.7	93.1	98.1	100.7	98.6	103.6	96.6
2004	23	97.2	92.8	99.0	101.2	98.5	104.3	96.4
2005	37	96.2	91.5	98.8	100.6	97.6	104.3	96.4
2006	27	96.5	91.1	99.4	101.0	97.4	104.4	95.5
2007	33	97.6	92.7	99.6	100.9	99.4	105.2	96.2
2008	48	96.8	92.7	98.6	100.3	99.6	104.3	95.8
2009	31	97.0	92.6	99.0	100.7	99.1	104.8	96.2
2010	50	97.1	93.3	98.6	100.1	99.8	104.3	96.8
2011	43	96.7	92.5	98.8	100.2	99.0	104.7	96.2
2012	49	97.3	93.2	99.0	100.5	99.7	104.7	96.3
2013	71	96.6	93.7	97.6	99.8	99.3	103.8	97.0
2014	67	96.8	93.4	98.3	99.6	100.0	104.4	97.0
2015	86	96.5	93.4	98.1	99.6	99.6	104.1	96.7
2016	62	96.4	93.1	98.0	99.5	99.3	103.9	96.7
2017	58	96.1	93.3	97.5	99.6	98.9	104.0	96.3
2018	16	96.7	93.4	97.9	100.2	99.0	104.2	96.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1990	12	101.9	99.9	101.9	99.9	95.5	102.2
1992	29	101.3	100.7	101.3	100.7	95.5	102.7
1993	44	101.4	101.0	101.4	101.0	95.6	103.5
1994	43	102.1	101.3	102.1	101.3	95.8	103.6
1995	80	102.4	101.4	102.4	101.4	95.4	103.4
1996	67	102.1	101.2	102.1	101.2	95.2	103.4
1997	67	102.4	101.2	102.4	101.2	95.4	103.5
1998	87	102.1	100.7	102.1	100.7	95.1	102.7
1999	120	102.0	100.7	102.0	100.7	95.0	102.8
2000	87	103.0	100.9	103.0	100.9	95.8	103.7
2001	156	103.6	100.3	103.6	100.3	96.3	103.0
2002	165	102.8	100.7	102.8	100.7	95.7	103.4
2003	191	102.3	100.6	102.3	100.6	95.5	103.6
2004	206	102.6	100.5	102.6	100.5	95.6	103.5
2005	373	102.4	100.7	102.4	100.7	95.4	103.7
2006	319	102.3	100.8	102.3	100.8	95.1	103.6
2007	339	102.3	100.9	102.3	100.9	95.4	103.6
2008	489	102.4	100.9	102.4	100.9	95.6	103.5
2009	492	102.0	100.2	102.0	100.2	95.3	102.7
2010	711	102.4	100.5	102.4	100.5	95.9	102.9
2011	675	102.2	100.6	102.2	100.6	95.8	102.9
2012	957	102.5	101.2	102.5	101.2	96.2	103.2
2013	1060	102.6	101.2	102.6	101.2	96.4	103.1
2014	1263	102.7	101.3	102.7	101.3	96.3	103.1
2015	1516	102.8	101.3	102.8	101.3	96.3	103.0
2016	1605	102.5	101.0	102.5	101.0	96.0	102.7
2017	1500	102.4	101.3	102.4	101.3	95.9	103.0
2018	1395	102.2	101.3	102.2	101.3	95.8	103.0
2019	1348	102.3	100.0	102.3	100.0	95.9	101.8
2020	1138	102.6	97.6	102.6	97.6	96.1	99.4

Tabel: 271 Fleck Vieh: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1987	12	89.6	113.4	117.9	47.9	37.8	38.8
1989	13	88.5	113.0	118.8	61.5	48.6	49.4
1990	28	89.8	113.3	117.0	61.8	48.6	49.3
1991	15	90.3	113.5	116.7	23.3	18.0	18.1
1992	39	90.3	113.8	116.4	76.5	60.8	61.7
1993	47	90.7	113.4	116.3	98.2	77.0	78.1
1994	43	89.6	114.1	117.7	105.0	82.4	83.2
1995	85	90.3	113.6	116.7	101.4	79.8	81.0
1996	60	90.2	114.0	116.6	105.4	83.4	84.0
1997	73	90.3	113.2	116.8	98.1	76.2	77.7
1998	91	90.4	113.4	116.7	84.6	66.8	67.3
1999	122	90.2	113.4	116.8	92.3	72.2	73.1
2000	91	90.0	114.1	117.4	83.9	65.7	66.3
2001	150	90.5	113.0	116.7	91.5	71.2	72.5
2002	167	89.9	113.4	117.2	89.0	68.9	70.0
2003	195	90.0	113.8	117.0	89.5	69.3	70.0
2004	209	90.0	113.7	117.2	91.5	70.7	71.7
2005	361	89.8	113.5	117.5	92.9	71.0	72.7
2006	342	90.0	113.5	117.2	97.8	75.0	76.3
2007	298	89.7	113.9	117.6	100.6	76.6	78.2
2008	389	89.6	113.4	117.7	102.1	77.5	78.7
2009	393	89.1	113.5	118.3	103.3	79.1	80.2
2010	544	89.5	113.6	117.8	104.5	80.3	81.8
2011	446	89.6	112.9	117.5	108.9	83.7	85.4
2012	657	90.6	111.2	116.5	113.1	88.0	88.8
2013	708	90.7	111.7	116.2	113.2	88.0	89.3
2014	786	91.0	111.1	115.9	112.3	87.3	88.3
2015	907	91.6	110.4	115.1	114.7	89.6	90.2
2016	882	91.8	110.5	114.7	113.4	88.3	88.8
2017	905	92.1	110.8	114.2	113.6	89.1	89.8
2018	682	92.4	110.4	113.8	114.2	89.5	90.2
2019	676	92.6	110.3	113.6	111.6	87.0	87.7
2020	534	93.3	109.8	112.7	107.5	83.9	84.2

Tabel: 272 Fleck Vieh: 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
1986	10	104.9	113.1	101.5	107.8	106.8	102.9	102.7	98.9	110.4	100.8	111.9
1987	16	105.4	113.3	100.8	107.8	107.6	101.9	103.8	98.1	110.8	100.1	112.1
1989	12	105.2	112.4	100.8	108.3	106.6	102.2	104.4	97.6	109.6	101.0	111.8
1990	33	105.8	113.0	99.8	108.9	107.5	101.7	104.6	98.2	110.1	100.4	112.4
1991	23	105.8	113.9	99.8	109.2	108.0	102.0	104.3	98.1	110.6	100.6	112.3
1992	45	105.2	112.8	100.4	108.3	106.9	102.5	103.4	98.8	110.0	100.4	111.9
1993	49	105.0	114.6	101.4	108.5	108.0	103.2	102.5	98.9	112.1	100.4	112.3
1994	52	105.4	115.1	101.2	109.0	107.8	102.9	103.2	98.9	111.9	100.5	112.7
1995	90	104.8	114.1	102.1	108.6	107.3	103.4	102.7	98.5	111.6	101.1	111.9
1996	69	104.9	115.1	101.7	108.6	108.1	103.1	102.2	99.0	112.6	100.5	111.8
1997	75	104.9	115.0	101.6	108.6	108.1	102.8	102.7	98.0	112.6	100.5	111.8
1998	116	104.6	115.3	101.8	108.8	108.0	103.2	102.1	98.3	112.7	100.5	111.5
1999	151	105.0	114.9	102.1	108.6	108.3	103.1	102.5	98.5	112.5	100.6	111.6
2000	122	104.6	115.9	101.9	108.5	108.5	103.1	101.7	98.7	113.5	100.2	111.8

2001	182	104.7	116.3	101.9	108.6	109.0	102.8	101.9	98.2	114.0	100.2	111.5
2002	232	104.7	116.7	102.2	109.1	109.1	103.1	101.9	98.3	114.1	100.4	111.7
2003	278	105.0	116.8	101.8	109.2	109.4	103.0	102.1	98.5	114.1	100.4	111.8
2004	284	105.1	116.7	101.6	109.5	109.1	103.0	102.3	98.4	113.6	100.6	112.1
2005	609	105.0	116.7	102.1	109.1	109.6	103.1	102.3	97.9	113.9	100.6	112.0
2006	431	105.1	115.9	102.1	108.7	109.3	103.0	102.5	98.0	113.5	100.6	111.9
2007	319	105.7	115.7	101.8	108.9	109.4	102.7	103.0	98.7	113.2	100.5	112.4
2008	354	105.6	115.7	101.6	109.1	109.1	102.8	103.0	98.5	112.9	100.8	112.2
2009	282	105.6	115.5	101.3	109.6	108.5	103.0	103.4	98.4	112.2	101.3	112.3
2010	284	105.3	114.5	101.6	108.7	108.1	102.9	103.2	98.1	111.8	101.2	112.0
2011	173	105.5	113.2	101.3	108.4	107.5	102.6	103.8	98.4	110.7	101.2	111.6
2012	115	105.6	111.3	101.3	108.3	106.3	102.4	104.5	98.1	109.0	101.5	111.7
2013	87	105.4	110.7	101.5	108.2	105.6	103.0	104.1	99.3	108.6	101.3	111.9
2014	52	105.4	109.8	101.0	107.9	105.3	102.3	104.5	98.8	108.0	101.1	111.3
2015	36	105.5	108.9	100.8	108.2	104.7	101.6	105.3	98.1	106.8	101.1	111.3
2016	17	104.8	107.5	101.4	106.8	103.7	101.8	104.4	98.9	105.9	100.8	110.1
2017	25	105.3	108.6	102.1	107.0	105.1	102.3	104.6	98.6	107.2	101.6	110.3

Tabel: 273 Fleck Vieh: Kalvervitaliteit
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	13	95.7	97.4	93.0
1992	27	95.9	97.3	93.0
1993	38	95.9	97.5	92.4
1994	37	94.9	96.8	92.7
1995	78	95.3	97.3	91.9
1996	63	95.7	97.7	92.5
1997	64	95.3	97.2	92.5
1998	79	95.7	97.5	93.5
1999	113	95.7	97.3	93.6
2000	84	93.4	94.8	94.5
2001	145	93.6	95.2	93.8
2002	168	94.0	95.4	94.5
2003	194	96.1	97.3	94.5
2004	207	95.5	97.0	94.2
2005	390	95.4	96.8	94.4
2006	328	95.6	97.0	94.2
2007	358	95.7	97.2	94.4
2008	537	95.6	97.1	93.7
2009	542	96.0	97.5	93.9
2010	750	96.0	97.4	93.8
2011	700	96.0	97.4	93.9
2012	1004	96.3	97.8	93.5
2013	1129	96.4	97.9	93.5
2014	1371	96.4	97.9	93.5
2015	1630	96.3	97.7	93.2
2016	1739	96.4	97.8	93.0
2017	1620	97.0	98.4	93.4
2018	1603	97.3	98.7	93.3
2019	1523	97.3	98.8	93.0
2020	1247	97.2	98.7	93.2

Tabel: 274 Fleck Vieh: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	221	936.3	4997.1	167.8	125.9
2002	256	848.9	4476.7	157.0	111.8
2003	323	304.1	2248.0	65.7	33.0
2004	354	-44.5	809.1	3.7	-15.6
2005	745	-47.9	767.1	4.1	-16.4
2006	516	318.2	2313.3	66.4	35.9
2007	412	397.8	2563.6	74.9	50.1
2008	532	542.0	3202.6	101.1	69.8
2009	468	434.9	2708.2	84.3	53.9
2010	672	768.1	4295.3	142.0	100.4
2011	621	795.4	4349.9	143.9	105.9
2012	757	954.3	4956.8	173.4	127.5
2013	813	1145.6	5710.5	207.0	154.5
2014	873	1323.9	6440.4	239.6	178.8
2015	847	1459.1	6995.6	263.6	197.7
2016	794	1658.1	7868.9	300.6	224.5
2017	819	1933.8	9049.3	351.9	261.7
2018	352	2284.4	10413.4	412.8	311.5

Tabel: 275 Fleck Vieh: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1990	15	96.9	103.6	96.7
1992	26	97.9	104.5	96.7
1993	34	98.2	104.3	96.8
1994	36	97.5	104.3	96.6
1995	64	97.5	105.1	96.4
1996	44	96.6	104.3	96.5
1997	45	96.9	105.6	97.0
1998	49	96.8	105.4	97.0
1999	78	97.4	105.0	97.1
2000	56	96.4	106.0	97.1
2001	92	97.0	105.9	96.6
2002	88	95.6	106.1	97.4
2003	94	95.7	106.0	97.5
2004	92	96.4	105.3	96.8
2005	159	96.6	104.3	97.5
2006	144	96.6	105.8	96.9
2007	140	96.9	104.1	97.0
2008	207	96.5	103.8	97.2
2009	163	96.5	103.5	97.6
2010	288	96.7	103.3	97.5
2011	275	96.4	104.0	97.5
2012	324	97.7	104.8	96.9
2013	287	97.8	105.4	96.6
2014	306	98.1	106.8	96.6
2015	330	98.9	107.5	96.3
2016	324	99.4	108.5	96.3
2017	319	100.1	108.8	96.2
2018	166	100.3	109.4	96.0

Tabel: 276 Fleck Vieh: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1984	19	100.2	99.4	0	0.0	0.0	0	0.0
1985	35	100.9	99.5	35	-1.7	33.2	0	0.0
1986	34	101.1	98.8	34	-1.0	7.8	0	0.0
1987	64	101.1	98.5	65	-1.3	16.1	0	0.0
1988	65	100.9	98.4	66	-1.8	28.9	0	0.0
1989	48	100.7	99.3	48	-2.1	38.0	0	0.0
1990	61	99.8	99.7	61	-1.4	20.9	0	0.0
1991	46	100.1	100.2	46	-1.8	33.5	0	0.0
1992	70	100.3	99.9	70	-1.3	20.5	0	0.0
1993	67	99.9	99.5	67	-1.3	14.4	0	0.0
1994	75	100.1	99.2	76	-1.0	9.0	0	0.0
1995	109	99.5	98.7	111	-0.8	7.6	0	0.0
1996	107	99.0	99.5	107	-1.1	15.9	0	0.0
1997	109	99.8	99.6	108	-0.9	8.9	0	0.0
1998	213	99.0	99.8	213	-1.3	23.6	0	0.0
1999	273	99.1	99.9	273	-1.0	11.6	0	0.0
2000	236	98.6	99.7	236	-1.3	16.2	0	0.0
2001	470	98.4	100.1	470	-1.5	22.5	52	106.9
2002	539	99.1	99.3	539	-1.4	17.3	49	106.8
2003	554	98.8	99.2	555	-1.4	14.5	64	106.8
2004	461	98.3	99.9	461	-0.5	-16.3	56	106.1
2005	928	98.5	99.5	929	-0.5	-15.1	98	106.0
2006	610	99.3	99.9	611	-0.2	-19.9	65	106.7
2007	517	99.6	99.6	519	-0.1	-24.3	47	107.1
2008	650	99.5	99.7	652	0.0	-28.8	53	107.2
2009	532	99.4	99.3	532	0.1	-34.1	44	107.0
2010	771	99.9	99.3	771	0.5	-40.8	45	106.1
2011	674	99.4	98.9	675	0.8	-50.4	24	105.6
2012	785	100.1	98.5	786	1.3	-60.2	21	106.1
2013	829	100.2	98.6	829	1.5	-64.4	39	106.3
2014	907	100.7	98.6	908	1.6	-66.3	20	105.5
2015	860	100.6	98.4	865	1.9	-70.7	28	106.5
2016	813	101.0	98.4	813	2.1	-71.4	16	105.9
2017	819	101.2	98.3	824	2.3	-75.7	24	105.4
2018	353	101.6	98.2	354	2.7	-86.9	3	106.3

Tabel: 277 Fleck Vieh: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	13	99.9	0	0.0	0	0.0	13	95.7
1987	13	99.8	0	0.0	0	0.0	13	95.7
1988	13	99.8	0	0.0	0	0.0	13	95.2
1989	13	99.5	0	0.0	0	0.0	13	93.8
1990	34	99.9	1	104.0	1	102.0	34	95.4
1991	25	100.1	1	109.0	1	106.0	25	95.1
1992	42	99.8	0	0.0	0	0.0	42	94.8
1993	52	99.9	1	106.0	1	104.0	52	94.5
1994	48	99.8	0	0.0	1	104.0	48	94.7
1995	81	99.7	1	99.0	4	103.5	81	95.0
1996	61	99.8	0	0.0	2	105.0	61	95.2
1997	72	99.9	3	104.7	3	104.0	72	95.2
1998	96	99.8	2	106.0	4	104.2	96	94.6
1999	124	99.7	3	103.7	3	103.3	124	94.4

2000	117	99.7	0	0.0	0	0.0	117	94.6
2001	142	99.9	2	101.5	5	102.8	142	94.7
2002	181	100.1	3	105.3	3	102.3	181	95.5
2003	209	100.3	6	104.3	9	104.0	209	95.0
2004	193	100.1	4	105.5	5	103.4	193	94.9
2005	324	100.1	7	103.3	10	104.4	324	94.3
2006	328	99.9	3	101.3	11	102.8	328	94.6
2007	294	100.1	7	103.9	10	104.1	294	94.4
2008	427	100.3	8	103.8	14	103.9	427	94.4
2009	386	100.3	10	103.1	11	103.7	386	94.7
2010	544	100.4	17	104.3	19	104.5	544	94.7
2011	471	100.3	2	102.5	3	105.0	471	94.9
2012	534	100.7	14	104.0	18	103.2	534	95.3
2013	569	100.8	15	103.3	35	103.0	569	95.3
2014	613	100.6	25	102.5	42	102.4	613	95.3
2015	579	100.5	8	103.8	15	102.6	579	95.3
2016	523	100.3	5	103.2	11	101.8	523	95.4
2017	483	100.0	3	103.3	14	101.2	483	95.4
2018	222	100.0	0	0.0	6	101.8	222	95.8

Tabel: 278 Fleck Vieh: Reproductiestoornissen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	10	104.5	100.7	108.8	101.0	106.7	104.4
1995	32	103.9	100.3	108.4	100.6	105.9	103.5
1996	20	104.3	100.5	108.8	100.7	106.0	103.8
1997	25	103.8	99.9	108.1	100.5	105.6	103.4
1998	13	103.3	99.8	107.5	100.2	105.6	103.8
1999	24	104.2	100.6	108.4	100.8	106.1	103.9
2000	13	104.1	99.8	108.2	101.0	105.8	104.5
2001	40	103.7	99.7	108.0	100.5	105.6	103.7
2002	32	103.1	99.3	107.4	99.7	105.6	103.6
2003	33	103.6	99.7	107.9	100.2	105.7	103.8
2004	28	103.6	99.6	107.7	100.4	105.7	104.1
2005	52	104.1	100.2	108.4	100.8	106.1	104.0
2006	41	103.4	99.5	107.8	100.1	105.7	103.4
2007	30	104.7	100.9	108.7	101.2	106.8	105.1
2008	48	104.1	100.2	108.1	101.1	106.0	104.2
2009	48	103.8	99.8	107.8	100.6	105.6	103.7
2010	74	103.5	99.7	107.6	100.3	105.6	103.8
2011	59	103.1	99.2	107.1	100.0	105.1	103.1
2012	65	102.4	98.7	106.7	99.5	104.7	102.3
2013	92	102.3	98.9	106.3	99.4	104.7	102.5
2014	114	102.1	98.5	106.3	99.3	104.5	102.3
2015	70	101.9	98.4	106.0	99.0	104.5	101.9
2016	50	101.9	98.4	106.1	99.0	104.6	101.8
2017	51	102.5	99.1	106.4	99.5	104.9	102.4
2018	28	103.0	99.5	106.7	100.0	105.2	102.9

Tabel: 279 Brown Swiss: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1983	12	-1519.5	-63.0	-54.4	-69.1	7.9	0.4	0.2	-376.2
1985	15	-1688.3	-70.8	-57.5	-76.7	7.5	4.8	0.3	-407.6

1986	13	-1853.0	-72.5	-63.2	-84.3	17.2	5.5	0.2	-436.4
1987	18	-1709.9	-71.1	-59.3	-77.8	9.4	3.6	0.0	-415.6
1988	16	-1916.2	-74.4	-64.7	-87.3	18.9	6.8	-0.1	-447.6
1989	37	-1806.8	-69.9	-59.2	-82.2	17.3	8.8	0.3	-414.4
1990	46	-1806.4	-70.1	-61.6	-82.2	17.6	5.3	0.2	-424.6
1991	53	-1872.6	-72.8	-64.0	-85.2	18.1	5.4	0.1	-440.9
1992	71	-1803.5	-70.2	-60.9	-82.1	17.1	6.5	0.1	-421.5
1993	84	-1858.6	-70.2	-62.5	-84.5	21.0	7.2	0.3	-428.8
1994	95	-1771.5	-69.0	-59.0	-80.6	16.5	7.5	0.1	-411.1
1995	106	-1699.4	-65.8	-56.1	-77.3	16.1	7.7	0.2	-391.5
1996	78	-1638.0	-62.7	-54.9	-74.5	16.8	6.4	0.1	-379.2
1997	98	-1622.1	-62.3	-54.9	-73.8	16.0	5.3	0.3	-378.1
1998	117	-1662.4	-63.4	-55.8	-75.5	17.3	6.3	0.3	-384.6
1999	161	-1606.9	-62.5	-53.9	-73.0	14.7	6.2	0.2	-374.0
2000	126	-1567.4	-62.2	-53.0	-70.5	12.4	5.3	1.3	-369.2
2001	204	-1551.9	-60.4	-51.1	-68.5	14.2	7.4	3.3	-357.1
2002	146	-1568.0	-59.8	-51.2	-68.6	16.2	8.1	4.3	-356.1
2003	154	-1403.6	-54.5	-46.1	-62.8	12.7	6.7	1.7	-322.5
2004	154	-1348.4	-52.9	-45.1	-60.1	11.3	5.3	2.0	-314.1
2005	130	-1333.0	-50.4	-43.7	-59.8	13.9	6.6	1.5	-303.0
2006	144	-1344.4	-51.2	-43.3	-60.5	13.6	7.7	0.9	-303.0
2007	138	-1314.7	-50.2	-42.1	-60.0	13.2	7.7	-0.2	-296.2
2008	105	-1147.5	-45.2	-37.9	-52.5	9.4	5.2	-0.3	-266.1
2009	128	-959.3	-37.3	-31.7	-44.0	8.5	4.3	-0.4	-221.6
2010	132	-1017.6	-39.3	-31.9	-47.2	9.4	7.0	-1.3	-227.7
2011	140	-1010.2	-37.2	-31.7	-47.1	11.7	6.8	-1.6	-222.3
2012	125	-893.0	-34.4	-27.2	-42.3	8.4	7.2	-2.3	-196.5
2013	166	-707.1	-30.6	-22.8	-34.8	2.3	4.0	-3.4	-168.4
2014	127	-805.9	-32.1	-23.5	-38.7	6.3	7.9	-2.8	-175.2
2015	125	-706.5	-28.9	-22.4	-34.5	3.9	4.3	-3.1	-163.0
2016	77	-535.6	-25.6	-17.2	-29.2	-1.5	3.1	-6.3	-133.3
2017	134	-368.3	-19.8	-12.3	-21.9	-3.4	1.7	-6.6	-98.4
2018	48	-334.7	-18.2	-9.2	-19.8	-3.3	4.0	-5.7	-82.1

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

Tabel: 280 Brown Swiss: Exterieurkenmerken bouw

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	14	93.3	99.5	93.1	91.7	106.4	100.6	90.2
1987	10	95.1	100.4	94.3	92.6	107.1	99.9	88.6
1988	11	93.6	100.2	92.7	90.9	107.2	98.6	90.5
1989	20	93.7	100.4	94.2	92.0	106.9	99.5	89.8
1990	28	94.7	99.9	93.6	91.9	107.2	100.1	89.0
1991	35	94.9	99.9	93.7	92.0	106.5	100.9	89.5
1992	48	94.5	99.6	93.7	92.1	106.2	100.5	89.6
1993	46	95.2	100.5	94.2	92.2	107.2	100.3	88.8
1994	52	94.8	100.3	94.3	92.5	106.3	100.4	89.8
1995	42	94.9	100.7	95.1	93.1	106.5	99.3	88.6
1996	44	95.5	100.9	95.2	92.8	106.7	100.1	89.5
1997	40	96.6	100.2	95.8	93.7	105.7	101.0	89.7
1998	55	95.6	100.0	95.0	93.0	106.1	100.8	89.2
1999	80	95.7	100.2	95.2	93.3	105.9	100.7	89.7
2000	40	96.3	101.0	95.7	93.2	106.7	101.0	89.8
2001	65	95.1	100.0	94.7	92.6	106.0	100.2	89.4
2002	30	96.5	101.0	96.3	94.0	106.2	100.1	90.0
2003	57	95.6	100.3	94.8	93.0	106.3	101.5	89.7
2004	53	96.4	100.7	95.2	93.1	106.6	100.8	89.6
2005	46	97.0	100.8	95.8	93.5	106.4	100.3	89.8
2006	57	96.1	101.1	95.4	93.2	106.8	99.7	89.0

2007	39	96.8	101.4	96.1	93.4	106.6	99.2	89.9
2008	48	97.4	101.1	96.2	94.1	106.1	100.1	90.3
2009	44	97.5	99.8	95.3	93.8	105.2	100.4	89.9
2010	51	98.0	100.9	95.9	93.8	105.9	100.4	90.1
2011	49	97.9	101.0	96.0	94.3	105.5	100.2	90.6
2012	49	98.4	101.2	96.4	94.2	105.6	100.4	90.3
2013	62	98.2	100.5	95.7	94.3	105.4	100.7	90.0
2014	42	98.3	100.6	96.1	94.5	105.2	99.9	89.4
2015	52	98.3	99.9	95.2	93.9	104.9	100.5	90.2
2016	37	98.8	100.9	96.1	94.5	105.5	99.9	89.9
2017	69	98.1	100.1	95.4	94.5	105.2	100.9	89.8
2018	12	99.4	101.4	97.0	95.8	105.2	100.4	91.2

Tabel: 281 Brown Swiss: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	14	107.4	97.2	111.1	103.7	106.9
1987	10	108.8	96.0	112.8	104.7	108.5
1988	11	108.2	95.9	111.7	104.4	107.9
1989	20	107.1	96.5	111.7	103.2	106.5
1990	28	107.0	95.8	111.9	103.4	106.2
1991	35	107.2	96.7	111.5	103.6	106.4
1992	48	107.2	96.4	112.0	103.8	106.6
1993	46	107.3	96.4	112.1	103.9	106.7
1994	52	106.8	96.5	111.9	103.6	106.0
1995	42	107.5	96.5	112.1	103.8	106.8
1996	44	107.4	97.0	112.0	104.0	106.5
1997	40	107.6	96.2	112.5	103.7	106.4
1998	55	107.4	96.0	112.6	103.9	106.4
1999	80	107.2	96.7	111.8	103.7	106.3
2000	40	107.7	96.1	112.0	103.9	106.6
2001	65	107.5	95.5	112.7	103.6	106.5
2002	30	107.6	96.4	112.2	103.8	106.6
2003	57	107.5	95.2	112.8	104.2	107.0
2004	53	107.4	95.4	112.5	104.1	106.7
2005	46	106.7	96.0	112.3	103.7	105.8
2006	57	107.4	97.0	111.9	104.0	106.5
2007	39	107.4	96.6	111.8	104.1	106.6
2008	48	107.1	96.4	111.8	104.1	106.4
2009	44	107.4	95.9	111.8	103.2	106.7
2010	51	107.7	95.9	112.5	104.0	106.9
2011	49	107.6	96.0	112.1	104.1	106.9
2012	49	106.7	95.5	112.6	103.9	105.8
2013	62	107.8	94.8	113.0	103.7	106.9
2014	42	108.3	94.8	113.3	104.0	107.5
2015	52	106.8	94.8	113.3	103.0	106.1
2016	37	108.1	94.7	113.0	104.0	107.4
2017	69	108.6	95.1	112.8	104.4	107.7
2018	12	107.9	94.9	112.7	104.8	107.2

Tabel: 282 Brown Swiss: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	14	93.4	96.7	105.1	93.5	88.1	93.1	93.6

1987	10	94.1	98.4	104.9	95.0	89.1	93.8	94.7
1988	11	94.6	99.3	105.4	95.8	89.0	94.2	95.2
1989	20	93.8	97.6	105.7	94.0	89.0	93.5	94.2
1990	28	93.1	97.0	106.1	94.6	87.2	92.7	93.2
1991	35	94.3	97.4	105.7	95.4	89.1	93.0	93.6
1992	48	94.2	97.5	105.7	95.0	89.1	93.2	93.7
1993	46	93.9	97.6	105.5	94.9	88.7	92.7	93.6
1994	52	93.8	97.6	105.5	94.2	89.5	93.5	94.1
1995	42	94.1	98.4	104.7	94.3	88.7	93.2	94.4
1996	44	93.9	97.8	105.2	94.6	88.9	93.4	94.5
1997	40	94.8	97.8	105.3	95.3	89.8	93.9	94.7
1998	55	93.8	97.3	105.4	94.5	89.1	93.3	94.2
1999	80	94.8	98.1	105.6	94.8	89.2	93.7	94.6
2000	40	94.4	97.8	105.2	94.6	88.6	93.5	94.2
2001	65	94.5	97.7	105.9	94.8	89.5	94.3	94.6
2002	30	95.2	98.6	104.1	95.5	89.9	94.5	95.2
2003	57	95.7	98.8	104.8	95.5	89.9	94.3	94.9
2004	53	95.6	98.0	104.8	95.9	90.2	95.0	95.2
2005	46	95.2	98.3	103.8	95.5	89.6	94.4	95.2
2006	57	95.8	98.7	104.3	95.9	89.9	94.4	95.2
2007	39	96.3	98.4	103.7	96.3	89.9	94.6	95.1
2008	48	95.8	98.9	104.4	96.0	90.0	95.0	95.5
2009	44	95.7	99.9	104.0	95.8	90.3	94.8	96.0
2010	51	96.6	99.1	104.7	96.4	90.6	95.1	95.7
2011	49	96.3	100.0	104.0	96.1	90.2	95.6	96.1
2012	49	97.2	100.1	103.5	96.8	89.5	95.2	96.1
2013	62	96.4	100.2	104.1	96.3	90.5	95.3	96.0
2014	42	97.4	101.8	102.7	97.1	91.4	95.6	97.0
2015	52	96.7	100.4	102.2	96.8	91.0	95.1	96.5
2016	37	97.2	101.1	102.7	97.1	91.7	95.6	96.6
2017	69	96.5	101.2	103.0	96.6	91.6	95.7	96.8
2018	12	96.2	99.8	103.4	96.3	91.2	95.4	95.3

Tabel: 283 Brown Swiss: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	14	92.6	96.3	90.0	107.9	0.0	96.1
1987	10	92.1	97.3	91.2	109.4	0.0	97.4
1988	11	91.9	96.1	91.9	108.5	0.0	97.2
1989	20	92.5	97.1	90.6	107.5	0.0	96.2
1990	28	92.1	96.9	89.7	107.1	0.0	95.4
1991	35	92.8	96.6	91.4	107.4	0.0	96.7
1992	48	92.6	96.5	91.1	107.6	0.0	96.5
1993	46	92.5	97.2	90.8	107.7	0.0	96.6
1994	52	93.2	97.1	90.9	107.0	0.0	96.5
1995	42	92.3	97.5	90.8	107.9	0.0	96.6
1996	44	93.3	97.7	90.8	107.7	0.0	96.8
1997	40	93.8	97.8	91.8	107.6	0.0	97.5
1998	55	93.0	97.1	90.8	107.3	0.0	96.4
1999	80	93.5	97.5	91.3	107.4	0.0	97.0
2000	40	94.1	98.0	90.9	107.5	0.0	97.1
2001	65	92.8	96.9	91.6	107.3	0.0	96.8
2002	30	93.9	98.4	92.2	107.3	0.0	97.7
2003	57	93.7	97.5	92.5	107.6	0.0	97.8
2004	53	93.6	97.7	92.7	107.3	0.0	97.7
2005	46	93.7	98.1	92.3	106.6	0.0	97.2
2006	57	92.9	97.8	92.6	107.6	0.0	97.7
2007	39	93.5	98.2	93.0	107.5	0.0	98.1
2008	48	94.0	98.4	92.8	107.3	0.0	98.1

2009	44	93.3	97.4	92.7	107.3	0.0	97.6
2010	51	93.9	98.1	93.4	107.7	0.0	98.5
2011	49	94.2	98.2	93.2	107.5	0.0	98.4
2012	49	94.2	98.1	93.5	106.5	0.0	97.9
2013	62	93.8	98.0	93.4	107.4	0.0	98.2
2014	42	93.3	98.0	94.4	108.1	0.0	99.0
2015	52	93.4	97.4	93.9	106.5	0.0	97.8
2016	37	93.6	98.0	94.5	107.9	0.0	99.1
2017	69	93.5	97.9	93.9	108.3	0.0	99.0
2018	12	95.0	99.2	93.8	107.8	0.0	99.2

Tabel: 284 Brown Swiss: Vruchtbaarheidsskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1983	11	102.8	103.0	103.3	102.7	102.7	96.8	86.5	103.2
1985	15	102.9	102.3	102.4	101.9	101.9	96.1	85.5	102.3
1986	10	102.1	103.1	102.3	102.5	101.7	95.7	86.0	102.7
1987	14	101.4	103.5	102.3	102.2	101.4	95.6	85.4	102.6
1988	14	101.9	104.4	103.5	103.4	102.1	95.9	84.9	103.6
1989	24	102.5	102.5	102.8	102.2	102.2	95.9	85.9	102.6
1990	43	103.5	103.9	103.9	103.6	103.3	97.0	85.1	103.9
1991	50	102.8	103.5	103.2	103.0	102.6	97.0	86.2	103.3
1992	70	102.6	103.8	103.1	103.1	102.5	96.3	85.8	103.3
1993	89	103.2	103.3	103.3	103.1	102.8	97.0	86.1	103.4
1994	69	102.8	102.7	102.7	102.3	102.2	96.5	86.3	102.6
1995	94	102.7	102.1	102.3	101.7	101.9	96.2	86.0	102.1
1996	66	101.9	103.1	102.3	102.2	101.5	96.6	87.0	102.4
1997	79	101.9	102.8	102.2	102.1	101.6	96.5	87.3	102.3
1998	100	101.7	102.9	102.0	101.9	101.2	96.0	86.5	102.1
1999	145	102.4	102.0	101.9	101.5	101.6	96.4	86.6	101.9
2000	123	102.7	102.1	102.2	101.8	101.8	96.3	86.3	102.2
2001	211	102.5	102.2	102.2	101.8	101.9	96.1	86.4	102.1
2002	162	102.4	102.0	102.2	101.6	101.7	96.3	86.6	102.0
2003	163	102.2	102.4	102.4	102.0	101.8	96.4	87.6	102.3
2004	177	101.9	102.7	102.3	102.0	101.6	96.8	88.1	102.3
2005	147	101.7	102.7	102.3	101.9	101.5	96.7	88.6	102.2
2006	168	101.8	102.8	102.4	102.1	101.6	96.6	88.8	102.5
2007	162	102.2	102.6	102.6	102.2	101.9	96.5	88.8	102.5
2008	125	101.7	103.3	102.9	102.7	101.8	96.5	89.4	103.0
2009	145	102.2	103.2	103.1	102.8	102.3	96.8	89.7	103.2
2010	149	101.9	103.3	103.2	102.9	102.2	96.4	89.9	103.3
2011	168	102.4	103.0	103.3	102.9	102.6	96.4	89.7	103.3
2012	153	102.1	103.5	103.6	103.3	102.6	96.4	90.3	103.7
2013	189	102.3	103.2	103.4	103.1	102.6	96.6	90.5	103.4
2014	162	102.9	103.2	104.0	103.5	103.4	97.4	90.9	104.0
2015	134	102.2	103.1	103.5	103.2	102.8	97.0	91.4	103.6
2016	102	102.5	103.8	104.2	104.0	103.4	97.4	92.1	104.3
2017	147	102.2	103.1	103.6	103.2	102.9	96.9	91.6	103.6
2018	77	102.0	103.3	103.8	103.5	103.1	96.9	92.8	103.9
2019	26	102.2	103.1	104.0	103.5	103.3	97.0	92.6	104.0

Tabel: 285 Brown Swiss: Gebruikskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	10	95.3	88.6	95.9	98.2	101.8
1988	10	94.3	97.1	97.0	99.7	101.8
1989	10	97.3	89.1	96.1	97.9	101.8
1990	22	92.6	96.2	97.0	99.6	101.9
1991	26	93.6	95.8	95.7	98.3	101.3
1992	39	94.0	89.3	96.8	98.9	101.8
1993	39	93.5	95.1	96.4	98.3	101.9
1994	33	94.3	95.0	96.6	98.9	102.0
1995	33	95.9	86.8	97.3	99.1	102.6
1996	39	95.1	87.4	96.9	99.1	102.0
1997	39	95.9	87.8	97.0	99.0	102.3
1998	39	93.9	89.4	96.7	98.6	102.3
1999	41	95.9	84.4	97.3	99.0	102.4
2000	37	96.1	87.9	96.8	98.7	102.1
2001	57	96.7	83.9	96.2	98.2	101.9
2002	28	96.4	99.4	97.1	98.6	102.5
2003	52	97.5	95.8	97.6	99.0	102.6
2004	52	97.2	99.4	97.8	99.7	102.6
2005	45	96.2	93.6	98.0	99.6	102.6
2006	52	96.5	96.3	97.9	99.7	102.4
2007	36	97.2	97.9	97.8	99.5	102.5
2008	46	97.7	95.1	98.2	100.2	102.4
2009	41	97.0	97.4	98.5	100.0	102.6
2010	50	96.7	93.9	99.0	100.5	102.6
2011	42	98.0	89.4	99.1	100.5	102.8
2012	49	97.7	96.7	99.3	100.7	102.6
2013	58	97.5	97.0	99.7	100.7	102.5
2014	39	97.4	88.3	100.2	101.3	102.8
2015	39	97.8	92.4	99.6	100.6	102.7
2016	36	97.6	96.1	100.8	101.8	102.9
2017	51	97.0	99.7	100.0	100.9	102.4
2018	10	97.4	98.9	101.2	102.2	103.0

Tabel: 286 Brown Swiss: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1983	12	-116.6	-376.2	-147.0	100.6	103.2	90.9	108.1	101.6	0.0
1985	15	-109.1	-407.6	-94.4	100.3	102.3	90.0	107.9	102.6	111.2
1986	13	-124.2	-436.4	-171.0	100.1	102.7	90.8	108.1	102.4	118.4
1987	18	-121.1	-415.6	-173.8	100.2	102.6	91.2	109.4	102.5	107.7
1988	16	-125.9	-447.6	-271.5	101.1	103.6	91.9	108.5	102.5	91.9
1989	37	-124.4	-414.4	-244.3	100.0	102.6	90.6	107.5	102.4	117.5
1990	46	-130.2	-424.6	-298.7	101.1	103.9	89.7	107.1	102.4	85.9
1991	53	-144.0	-440.9	-345.5	100.0	103.3	91.4	107.4	102.1	94.9
1992	71	-128.1	-421.5	-225.8	100.6	103.3	91.1	107.6	102.2	97.1
1993	84	-138.5	-428.8	-279.7	100.4	103.4	90.8	107.7	102.0	84.8
1994	95	-125.1	-411.1	-204.9	100.8	102.6	90.9	107.0	101.6	111.5
1995	106	-117.9	-391.5	-197.7	101.2	102.1	90.8	107.9	101.7	99.9
1996	78	-113.4	-379.2	-178.6	101.0	102.4	90.8	107.7	101.5	85.3
1997	98	-107.8	-378.1	-103.4	101.0	102.3	91.8	107.6	102.2	98.7
1998	117	-118.5	-384.6	-174.0	100.8	102.1	90.8	107.3	101.6	90.1
1999	161	-117.7	-374.0	-198.1	101.0	101.9	91.3	107.4	102.7	79.5
2000	126	-119.1	-369.2	-243.3	100.7	102.2	90.9	107.5	102.7	68.0

2001	204	-118.3	-357.1	-223.2	100.3	102.1	91.6	107.3	103.2	63.7
2002	146	-120.3	-356.1	-254.6	101.0	102.0	92.2	107.3	102.5	52.1
2003	154	-95.5	-322.5	-204.0	101.2	102.3	92.5	107.6	103.0	45.7
2004	154	-85.4	-314.1	-139.8	101.5	102.3	92.7	107.3	103.0	43.6
2005	130	-81.4	-303.0	-137.5	101.5	102.2	92.3	106.6	103.1	46.5
2006	144	-78.0	-303.0	-142.5	101.4	102.5	92.6	107.6	103.3	47.6
2007	138	-75.6	-296.2	-134.2	101.4	102.5	93.0	107.5	103.1	37.5
2008	105	-54.5	-266.1	-71.7	101.6	103.0	92.8	107.3	103.3	35.7
2009	128	-32.9	-221.6	-55.0	101.7	103.2	92.7	107.3	103.3	34.3
2010	132	-37.4	-227.7	-83.4	101.9	103.3	93.4	107.7	103.3	25.2
2011	140	-29.3	-222.3	-40.8	102.0	103.3	93.2	107.5	103.5	31.5
2012	125	-15.1	-196.5	2.0	102.0	103.7	93.5	106.5	103.5	17.8
2013	166	-6.7	-168.4	3.4	102.0	103.4	93.4	107.4	103.6	19.4
2014	127	5.2	-175.2	53.0	102.5	104.0	94.4	108.1	103.8	21.9
2015	125	3.8	-163.0	76.6	102.0	103.6	93.9	106.5	103.7	30.5
2016	77	31.0	-133.3	103.6	102.7	104.3	94.5	107.9	104.0	12.0
2017	134	33.3	-98.4	93.1	102.0	103.6	93.9	108.3	104.1	12.9
2018	48	45.2	-82.1	124.3	103.0	103.9	93.8	107.8	104.4	8.8

Tabel: 287 Brown Swiss: Klauwgezondheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2000	10	102.4	102.0	102.3	103.9	95.6	104.4	96.0
2001	18	101.8	101.3	101.8	102.6	97.2	104.3	96.7
2003	17	103.2	102.6	102.7	103.4	98.5	104.5	96.9
2004	16	103.8	103.1	103.2	104.2	98.1	104.3	96.2
2006	18	102.8	102.5	103.2	102.8	97.0	104.3	95.6
2007	17	104.1	104.5	103.2	102.9	99.6	104.5	96.5
2008	15	103.5	103.0	103.4	102.8	99.1	104.4	97.6
2009	29	103.7	104.5	102.0	102.7	100.1	103.4	98.4
2010	31	104.2	104.5	102.8	103.2	100.1	103.9	97.1
2011	25	103.7	103.5	103.5	102.9	99.3	104.3	96.2
2012	36	103.6	103.8	103.1	102.5	99.7	104.2	97.2
2013	38	103.7	104.0	102.8	102.6	100.2	104.0	97.4
2014	34	103.5	103.7	102.7	102.3	100.4	104.3	98.1
2015	32	103.3	104.2	101.5	102.1	101.0	103.7	98.9
2016	23	103.5	104.3	101.7	102.3	100.6	103.8	98.4
2017	29	103.4	103.6	102.2	102.2	100.7	104.1	98.4

Tabel: 288 Brown Swiss: Levensvatbaarheidskkenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1987	10	96.8	104.4	96.8	104.4	94.5	103.9
1988	12	97.5	104.0	97.5	104.0	95.7	103.7
1989	12	97.8	104.1	97.8	104.1	94.8	103.3
1990	31	97.1	104.3	97.1	104.3	94.7	103.9
1991	35	96.9	103.7	96.9	103.7	95.3	103.2
1992	54	97.3	103.9	97.3	103.9	95.5	103.4
1993	79	97.0	103.8	97.0	103.8	95.0	103.2
1994	75	96.3	103.8	96.3	103.8	94.2	103.2
1995	79	96.8	103.7	96.8	103.7	94.3	103.2
1996	67	95.9	104.1	95.9	104.1	93.5	103.7
1997	67	97.1	104.0	97.1	104.0	95.1	103.6
1998	65	96.2	103.7	96.2	103.7	93.9	103.7

1999	97	98.2	103.9	98.2	103.9	95.6	103.3
2000	100	97.7	104.2	97.7	104.2	95.2	103.4
2001	107	97.9	104.5	97.9	104.5	95.7	103.3
2002	124	97.5	104.1	97.5	104.1	95.3	103.2
2003	139	98.1	104.2	98.1	104.2	95.9	103.0
2004	167	98.0	104.4	98.0	104.4	95.6	103.4
2005	131	98.1	104.5	98.1	104.5	95.5	103.4
2006	169	98.1	104.6	98.1	104.6	95.8	103.8
2007	154	97.8	104.6	97.8	104.6	95.3	103.6
2008	120	97.8	104.9	97.8	104.9	95.5	103.7
2009	155	97.7	104.8	97.7	104.8	95.7	103.5
2010	150	97.8	104.2	97.8	104.2	95.9	102.9
2011	172	98.0	103.9	98.0	103.9	96.1	102.8
2012	153	97.6	105.3	97.6	105.3	96.3	103.7
2013	178	97.7	105.2	97.7	105.2	96.5	103.7
2014	175	97.8	104.9	97.8	104.9	96.3	103.2
2015	138	97.6	105.5	97.6	105.5	96.5	104.0
2016	136	97.9	105.6	97.9	105.6	96.7	103.8
2017	139	98.5	104.6	98.5	104.6	97.1	103.0
2018	110	98.7	104.5	98.7	104.5	97.1	102.8
2019	132	98.5	103.2	98.5	103.2	97.1	101.7
2020	128	98.3	99.0	98.3	99.0	96.9	97.6

Tabel: 289 Brown Swiss: Geboortekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	15	93.7	112.9	106.7	82.1	73.7	68.6
1990	23	95.8	112.0	104.5	94.0	82.6	76.6
1991	29	94.4	112.5	105.9	109.1	96.6	90.4
1992	44	94.9	111.6	105.2	110.8	98.1	91.0
1993	47	94.1	112.1	106.2	108.0	96.9	90.5
1994	39	93.7	111.6	106.7	113.0	100.6	93.8
1995	38	93.9	111.7	106.6	103.1	93.1	86.8
1996	40	93.4	112.5	107.0	109.6	98.4	92.1
1997	47	93.9	112.6	106.6	110.3	98.8	92.6
1998	42	92.9	112.9	107.6	109.9	99.0	91.6
1999	46	94.1	112.4	106.6	111.8	101.1	94.5
2000	46	94.8	112.1	105.7	112.3	100.9	93.3
2001	54	94.6	112.3	105.6	110.3	98.7	91.6
2002	37	93.0	113.4	107.5	108.6	98.1	91.6
2003	74	94.4	112.1	106.0	111.7	100.5	94.2
2004	73	94.1	113.3	106.1	109.0	99.8	94.9
2005	66	94.4	112.6	105.9	104.3	95.6	89.7
2006	70	93.9	112.4	106.5	109.7	99.8	94.0
2007	84	94.0	113.2	106.5	111.3	101.8	96.1
2008	87	93.9	112.9	106.5	109.8	100.4	95.2
2009	96	94.7	113.5	105.6	111.3	100.9	94.0
2010	96	94.1	113.3	106.4	110.9	100.5	94.6
2011	111	94.0	112.7	106.4	109.8	99.9	93.9
2012	102	94.3	112.5	106.1	110.9	100.0	94.1
2013	117	94.4	112.4	106.0	111.7	99.5	93.2
2014	103	94.0	112.9	106.5	111.6	99.6	93.3
2015	86	94.0	113.5	106.2	111.6	98.9	93.6
2016	86	94.8	112.3	105.3	111.3	99.3	93.5
2017	114	94.5	112.0	105.7	108.5	96.5	91.1
2018	81	95.0	111.1	105.4	110.0	97.1	91.9
2019	102	94.8	111.2	105.7	110.6	97.3	91.8
2020	86	94.5	111.6	105.7	105.2	92.6	87.5

Tabel: 290 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
1983	10	101.1	109.8	97.6	102.0	109.0	101.9	99.6	93.2	110.5	98.2	108.6
1985	13	101.3	109.9	98.1	100.8	110.1	101.5	99.6	94.1	111.5	97.9	108.2
1987	12	100.1	110.6	97.6	101.4	108.7	102.3	98.1	93.9	111.4	97.6	108.6
1988	13	100.8	110.4	98.4	101.1	108.2	102.7	99.0	94.2	111.3	98.1	109.0
1989	16	101.1	110.3	97.9	101.2	109.5	101.9	99.7	93.1	111.6	97.8	108.7
1990	32	100.5	110.3	98.6	101.2	108.6	102.6	99.1	93.2	111.0	98.8	108.1
1991	40	101.0	110.3	98.2	101.2	109.4	102.3	99.3	93.2	111.4	98.6	108.2
1992	54	101.1	110.1	99.0	100.7	109.6	102.2	99.5	93.3	111.5	98.7	108.0
1993	71	100.9	111.0	98.5	101.8	109.5	102.8	99.3	92.8	111.8	98.8	108.9
1994	54	101.1	110.1	98.3	101.3	109.6	102.6	99.3	93.4	111.5	98.6	108.3
1995	63	100.6	109.8	98.9	101.1	109.3	103.0	99.0	93.3	111.2	98.8	108.1
1996	58	101.4	110.2	98.7	101.7	109.6	102.6	99.9	93.4	111.4	98.8	108.9
1997	61	101.1	109.7	99.0	101.1	109.2	102.7	99.6	93.7	110.9	99.2	108.1
1998	72	100.4	110.2	99.0	101.1	109.3	103.1	99.0	92.6	111.2	99.3	107.9
1999	120	100.8	109.9	98.7	101.2	109.0	103.0	99.2	93.5	111.1	99.1	108.1
2000	87	101.1	109.9	98.3	101.7	109.0	102.6	99.8	93.3	111.0	98.7	108.6
2001	151	100.9	110.2	98.8	101.3	109.2	103.0	99.2	93.5	111.3	99.3	107.8
2002	128	101.0	110.0	99.0	101.9	108.7	103.4	99.6	93.5	110.9	99.5	108.5
2003	139	101.3	110.4	98.5	102.3	109.2	103.2	99.9	93.4	111.1	99.6	108.3
2004	141	101.1	109.4	98.8	101.5	108.8	103.2	99.7	93.7	110.5	99.9	107.6
2005	126	100.7	109.0	98.9	101.2	108.3	103.1	99.4	93.5	110.0	99.9	107.1
2006	136	100.6	108.8	98.6	101.4	108.1	103.3	99.5	93.5	109.9	99.8	107.2
2007	123	101.2	109.3	97.9	102.1	108.3	102.5	100.1	93.6	109.9	99.2	107.7
2008	87	101.3	108.7	98.3	101.9	108.3	102.8	100.3	93.6	109.6	99.4	107.9
2009	96	100.9	108.5	98.1	101.2	108.2	102.5	100.0	93.4	109.5	99.3	107.0
2010	93	101.5	108.4	98.1	101.7	108.5	102.5	100.8	93.6	109.3	99.6	107.6
2011	67	102.4	108.0	98.6	101.8	108.9	102.3	101.7	93.8	109.2	100.1	107.7
2012	55	102.5	107.8	98.6	102.1	108.5	102.4	102.1	93.5	108.8	100.1	108.2
2013	60	102.5	107.2	98.6	101.7	108.4	102.3	102.0	94.2	108.5	100.1	107.6
2014	42	102.6	106.9	98.8	101.9	108.0	102.8	102.1	94.2	108.2	100.8	107.7
2015	43	102.5	106.6	98.5	101.4	107.9	102.5	101.9	94.6	108.1	100.4	107.4
2016	36	102.4	107.2	99.1	101.8	107.9	102.7	101.8	94.6	108.5	100.6	107.7
2017	62	102.5	107.0	98.5	101.4	108.2	102.4	101.6	94.8	108.6	100.2	107.7
2018	11	103.3	107.5	98.2	102.0	108.5	101.8	102.4	95.3	108.6	99.8	108.3

Tabel: 291 Brown Swiss: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	10	90.0	97.8	84.3
1988	12	91.9	99.5	84.4
1989	12	90.8	98.5	84.2
1990	32	90.7	98.2	84.2
1991	34	90.3	97.9	84.1
1992	55	90.3	98.1	84.4
1993	90	89.4	97.2	84.3
1994	81	89.2	96.9	84.7
1995	85	89.6	97.3	83.8
1996	77	89.4	97.2	83.8
1997	66	89.9	97.8	83.2
1998	67	89.1	97.1	83.7
1999	97	91.3	98.8	83.2

2000	101	91.2	98.4	84.1
2001	113	91.7	98.7	83.7
2002	131	91.6	98.8	83.7
2003	143	91.8	99.1	83.6
2004	162	92.0	99.5	83.6
2005	139	91.8	99.3	83.3
2006	175	92.5	99.9	82.9
2007	159	92.2	99.5	82.9
2008	126	92.8	99.9	83.6
2009	174	93.2	99.9	83.9
2010	156	93.2	100.2	83.8
2011	179	92.8	99.9	83.5
2012	167	93.0	100.0	83.4
2013	188	93.2	100.1	83.5
2014	187	93.9	100.5	83.4
2015	155	94.6	100.7	84.2
2016	147	94.9	101.0	84.7
2017	149	95.5	101.6	84.6
2018	128	95.9	101.9	85.3
2019	140	96.0	102.0	85.1
2020	128	95.7	101.8	84.9

Tabel: 292 Brown Swiss: Levensproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	197	-2798.5	-11595.6	-478.1	-398.6
2002	142	-2956.1	-12274.5	-503.5	-421.6
2003	152	-2569.7	-10634.1	-437.8	-366.8
2004	147	-2196.0	-9090.6	-373.3	-313.9
2005	124	-2163.5	-9054.5	-364.2	-310.7
2006	136	-2181.5	-9149.0	-371.4	-311.3
2007	133	-2124.0	-8922.8	-361.5	-303.1
2008	102	-1653.5	-6881.9	-281.0	-236.4
2009	127	-1412.3	-5906.8	-238.0	-202.9
2010	132	-1574.7	-6671.8	-269.9	-223.6
2011	132	-1321.4	-5728.3	-221.5	-189.8
2012	123	-983.2	-4356.7	-169.0	-138.8
2013	166	-872.7	-3623.1	-154.2	-121.8
2014	129	-581.7	-2687.2	-105.6	-78.9
2015	118	-395.2	-1829.8	-68.8	-55.1
2016	82	-105.0	-407.6	-26.6	-10.7
2017	147	-62.5	-182.8	-19.1	-4.9
2018	49	128.3	431.4	7.5	26.1

Tabel: 293 Brown Swiss: Robot / AMS kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Eff	Int	Gewen
1990	11	96.4	93.7	106.8
1992	15	97.7	96.2	107.4
1993	20	97.5	95.0	106.4
1994	20	97.2	96.1	106.3
1995	20	97.8	95.3	106.2
1996	24	97.1	96.0	107.6
1997	26	96.5	95.7	106.6

1998	19	96.8	96.2	106.8
1999	16	96.2	96.1	106.7
2000	27	97.2	95.9	106.3
2001	25	96.0	95.8	106.6
2002	15	96.9	96.5	106.3
2003	38	97.3	96.4	106.2
2004	37	97.6	97.0	106.2
2005	23	97.3	96.2	106.3
2006	35	97.2	96.2	106.5
2007	23	97.2	95.0	106.5
2008	36	97.2	94.6	106.8
2009	31	97.3	97.7	106.1
2010	52	96.8	96.2	106.5
2011	54	98.2	96.6	106.1
2012	41	97.3	97.2	106.7
2013	54	98.3	98.1	106.2
2014	44	97.5	98.5	106.1
2015	52	98.1	98.7	106.5
2016	35	97.9	101.3	106.6
2017	70	99.5	100.6	106.0
2018	27	98.9	100.9	106.0

Tabel: 294 Brown Swiss: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1983	12	101.7	99.6	0	0.0	0.0	0	0.0
1985	15	100.3	98.9	16	-4.5	111.2	0	0.0
1986	13	100.5	99.2	13	-4.9	118.4	0	0.0
1987	18	101.9	100.1	18	-4.6	107.7	0	0.0
1988	16	101.7	101.4	16	-4.5	91.9	0	0.0
1989	37	101.3	99.3	37	-4.7	117.5	0	0.0
1990	46	102.3	100.9	46	-4.2	85.9	0	0.0
1991	53	101.2	100.7	54	-4.5	94.9	0	0.0
1992	71	101.8	100.7	72	-4.4	97.1	0	0.0
1993	84	100.9	100.0	85	-4.2	84.8	0	0.0
1994	95	101.5	99.3	95	-4.6	111.5	0	0.0
1995	106	101.0	99.5	107	-4.3	99.9	0	0.0
1996	78	101.6	100.0	78	-3.9	85.3	0	0.0
1997	98	101.2	99.3	98	-4.2	98.7	0	0.0
1998	117	101.4	99.9	118	-4.1	90.1	0	0.0
1999	161	101.2	99.5	162	-3.8	79.5	0	0.0
2000	126	101.2	99.7	126	-3.6	68.0	0	0.0
2001	204	100.8	99.7	204	-3.4	63.7	63	96.6
2002	146	100.8	99.6	146	-3.2	52.1	30	98.6
2003	154	101.2	100.1	154	-2.9	45.7	57	97.5
2004	154	102.1	100.6	154	-2.8	43.6	53	98.5
2005	130	101.6	100.6	130	-2.8	46.5	46	98.7
2006	144	101.8	100.2	144	-2.8	47.6	57	98.6
2007	138	101.0	100.4	138	-2.6	37.5	38	99.3
2008	105	102.1	100.4	105	-2.4	35.7	47	99.1
2009	128	102.5	100.9	128	-2.1	34.3	44	97.8
2010	132	102.4	100.9	132	-2.0	25.2	51	99.1
2011	140	102.4	100.5	140	-2.0	31.5	49	98.9
2012	125	102.5	101.4	125	-1.7	17.8	49	99.6
2013	166	103.8	100.9	166	-1.5	19.4	62	98.7
2014	127	103.3	101.2	127	-1.6	21.9	41	98.6
2015	125	103.0	100.6	126	-1.6	30.5	51	97.9
2016	77	103.7	101.4	77	-1.2	12.0	36	99.5
2017	134	104.3	100.3	134	-0.9	12.9	69	98.3

2018 48 104.3 100.4 48 -0.8 8.8 12 100.3

Tabel: 295 Brown Swiss: Stofwisselingsaandoeningen
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	10	100.0	0	0.0	0	0.0	10	100.3
1990	17	100.0	0	0.0	0	0.0	17	100.4
1991	19	100.0	0	0.0	0	0.0	19	99.6
1992	34	100.0	0	0.0	1	100.0	34	99.6
1993	32	100.0	0	0.0	1	99.0	32	99.9
1994	32	100.0	0	0.0	0	0.0	32	99.8
1995	35	100.0	1	101.0	2	99.5	35	100.3
1996	34	99.9	2	99.5	4	99.0	34	100.1
1997	45	100.0	0	0.0	0	0.0	45	99.7
1998	39	100.0	0	0.0	1	100.0	39	99.9
1999	54	99.9	0	0.0	2	97.0	54	99.9
2000	52	100.0	0	0.0	2	99.0	52	99.7
2001	57	100.0	1	99.0	3	100.7	57	100.5
2002	42	100.0	0	0.0	0	0.0	42	100.7
2003	73	100.0	1	101.0	2	100.0	73	100.6
2004	71	99.9	3	100.0	3	93.7	71	100.4
2005	66	100.0	0	0.0	2	98.5	66	99.7
2006	83	100.0	2	101.5	7	99.4	83	100.2
2007	90	100.0	2	101.0	13	98.8	90	100.0
2008	82	99.9	3	99.7	11	97.7	82	99.9
2009	90	99.9	4	100.0	4	98.0	90	99.9
2010	101	100.0	0	0.0	1	100.0	101	100.1
2011	114	100.0	2	100.0	5	97.4	114	100.2
2012	108	99.9	2	96.5	4	98.2	108	100.1
2013	127	100.0	1	99.0	5	99.2	127	100.1
2014	94	99.9	1	100.0	4	99.5	94	100.5
2015	89	99.9	0	0.0	0	0.0	89	100.1
2016	66	99.9	0	0.0	0	0.0	66	100.9
2017	98	100.0	0	0.0	0	0.0	98	101.1
2018	42	100.0	0	0.0	0	0.0	42	101.3

Tabel: 296 Brown Swiss: Reproductiestoornissen
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1995	10	101.4	98.7	103.9	98.9	105.2	102.4
1996	12	100.9	98.1	103.7	98.6	104.9	102.8
1997	10	101.6	98.8	104.5	99.1	105.4	103.0
2001	11	102.2	98.8	104.9	99.5	105.6	103.9
2003	18	101.7	98.7	104.2	99.4	105.0	103.3
2004	18	101.4	98.3	104.1	99.1	104.8	103.1
2005	12	100.7	97.7	103.7	98.5	104.2	101.6
2006	17	101.9	99.2	104.4	99.6	105.2	103.1
2007	17	101.5	99.1	104.1	99.2	104.8	102.8
2008	21	102.1	99.4	104.4	99.7	104.9	103.2
2009	25	102.8	100.1	105.0	100.1	105.5	104.4
2010	27	101.9	99.0	104.3	99.6	104.9	103.1
2011	16	101.4	98.4	104.1	99.3	104.9	103.2
2012	15	101.0	97.9	103.8	98.7	104.7	102.7
2013	17	101.2	98.1	104.3	99.0	104.8	102.9

2014	12	100.4	97.6	103.2	98.4	104.1	102.1
2015	20	101.7	98.9	103.9	99.2	105.0	103.2
2016	15	101.4	99.0	103.9	98.7	104.8	102.9
2017	27	101.3	98.7	103.8	98.7	104.8	103.0
2018	10	101.5	98.8	104.6	99.1	105.1	102.7

Tabel: 297 Zweeds Roodbont: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	18	-1387.4	-50.6	-54.3	-62.9	17.6	-5.9	0.4	-347.9
2003	10	-490.0	-22.5	-19.8	-22.1	-0.5	-2.8	0.3	-135.0
2005	13	-608.6	-25.7	-25.8	-21.5	2.9	-4.8	9.0	-166.0
2006	17	-647.5	-27.1	-28.7	-27.5	2.5	-7.2	2.7	-182.8
2008	14	-548.7	-21.4	-21.9	-24.4	4.4	-2.8	0.8	-142.2
2012	16	-597.9	-26.4	-22.2	-32.1	1.1	-0.6	-6.6	-156.5
2013	13	-741.6	-24.7	-26.8	-38.5	12.5	0.2	-6.4	-173.2
2014	12	-684.4	-34.5	-27.5	-39.0	-3.1	-2.8	-10.5	-196.9

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

Tabel: 298 Zweeds Roodbont: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	14	86.9	95.3	89.9	88.8	102.3	100.3	92.7
2006	10	91.5	93.4	89.9	88.9	102.0	100.9	89.4

Tabel: 299 Zweeds Roodbont: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	14	97.4	105.3	95.4	95.9	96.1
2006	10	95.8	105.5	95.1	94.4	94.7

Tabel: 300 Zweeds Roodbont: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	14	92.3	94.4	98.2	92.2	89.4	95.6	95.7
2006	10	94.6	94.4	98.7	94.9	88.7	94.7	95.2

Tabel: 301 Zweeds Roodbont: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	14	91.4	90.7	89.9	95.3	0.0	88.1
2006	10	89.2	89.0	91.2	93.6	0.0	87.1

Tabel: 302 Zweeds Roodbont: Vruchtbaarheidsskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	19	99.6	104.3	103.7	104.6	101.1	97.7	90.0	104.3
1987	11	98.5	103.9	102.1	103.5	99.8	96.5	89.5	102.9
2005	12	98.2	102.6	101.8	102.8	99.8	97.1	92.7	102.4
2006	17	100.0	103.5	103.9	104.7	102.1	97.2	93.1	104.5
2008	14	99.3	105.1	104.2	105.6	101.9	96.9	93.1	105.1
2011	10	100.3	102.4	103.0	103.7	101.7	97.6	92.6	103.7
2012	15	100.5	103.5	104.0	105.0	102.8	97.8	93.7	104.7
2013	13	100.8	103.5	104.1	104.8	102.5	97.3	93.4	104.5
2014	12	101.2	104.0	104.9	105.7	103.3	98.0	94.1	105.4

Tabel: 303 Zweeds Roodbont: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1985	18	-124.1	-347.9	-353.4	100.3	104.3	89.9	95.3	102.0	106.3
2003	10	-49.6	-135.0	-18.5	99.1	104.2	89.8	94.0	103.6	132.2
2005	13	-68.4	-166.0	-26.9	100.2	102.4	91.7	95.7	101.0	108.0
2006	17	-56.8	-182.8	-43.9	99.9	104.5	91.2	93.6	102.5	123.1
2008	14	-16.3	-142.2	62.7	100.8	105.1	91.8	93.0	103.2	113.1
2012	16	-24.4	-156.5	11.1	99.7	104.7	91.5	98.0	104.7	102.1
2013	13	-65.6	-173.2	-94.6	99.0	104.5	93.8	94.0	104.2	82.8
2014	12	-48.8	-196.9	7.0	99.2	105.4	0.0	0.0	103.6	114.5

Tabel: 304 Zweeds Roodbont: Levensvatbaarheidsskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2006	10	98.0	103.8	98.0	103.8	99.0	103.1
2008	12	99.1	103.9	99.1	103.9	99.0	103.8
2012	18	100.4	104.7	100.4	104.7	101.2	104.2
2013	13	99.2	104.9	99.2	104.9	99.5	104.1
2014	13	99.7	103.7	99.7	103.7	100.9	103.2

Tabel: 305 Zweeds Roodbont: Geboortekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2006	14	100.0	102.6	97.8	88.4	81.4	81.8
2008	14	100.0	102.7	97.6	89.5	80.4	81.2

Tabel: 306 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	11	101.0	111.9	92.8	101.3	106.8	99.1	99.4	98.5	108.2	98.2	97.1
2008	10	99.5	111.8	93.8	100.8	106.4	99.7	99.0	95.6	108.3	99.1	96.0

Tabel: 307 Zweeds Roodbont: Kalvervitaliteit
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2006	11	97.6	100.1	96.0
2008	12	98.1	100.7	95.2
2012	17	98.4	100.5	95.2
2013	13	98.1	100.7	94.6
2014	15	97.6	100.3	96.6

Tabel: 308 Zweeds Roodbont: Levensproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2005	12	-1041.7	-3898.2	-164.6	-155.9
2006	16	-1185.8	-4367.9	-186.1	-179.1
2008	14	-390.4	-1359.3	-51.2	-64.4
2012	15	-750.1	-2819.9	-127.8	-108.4
2013	13	-1426.9	-5873.8	-227.2	-212.3
2014	12	-893.0	-2977.0	-157.0	-127.6

Tabel: 309 Zweeds Roodbont: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1985	18	99.6	93.8	20	-3.9	106.3	0	0.0
2003	10	100.1	93.4	10	-3.1	132.2	4	85.8
2005	13	100.0	94.2	13	-2.8	108.0	3	88.3
2006	17	99.4	92.8	17	-3.1	123.1	10	87.5
2008	14	101.1	93.6	14	-2.8	113.1	8	88.5
2012	16	99.6	92.9	16	-2.8	102.1	2	89.0
2013	13	98.4	92.2	13	-2.5	82.8	4	90.2

2014	12	99.9	93.4	12	-3.2	114.5	0	0.0
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Tabel: 310 Zweeds Roodbont: Stofwisselingsaandoeningen
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2006	11	101.0	1	103.0	2	102.5	11	95.3
2008	13	100.5	0	0.0	0	0.0	13	96.3
2012	13	101.1	0	0.0	0	0.0	13	96.5
2013	12	100.5	0	0.0	0	0.0	12	94.9
2014	11	100.7	0	0.0	0	0.0	11	93.9

Tabel: 311 Montbéliard: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	12	-1898.9	-91.3	-70.4	-86.5	-9.7	-3.3	0.0	-506.5
1981	28	-1842.1	-90.6	-67.8	-83.8	-12.2	-2.1	0.1	-493.3
1982	18	-1911.8	-94.9	-70.9	-86.9	-14.8	-3.6	0.3	-516.3
1983	16	-1850.7	-93.2	-68.1	-84.1	-16.2	-2.6	0.2	-500.3
1984	25	-1762.6	-88.7	-66.8	-80.2	-15.4	-5.3	0.1	-484.5
1985	42	-1867.9	-89.7	-69.2	-85.1	-9.3	-3.1	-0.0	-497.5
1986	38	-1789.9	-88.3	-67.8	-81.4	-12.6	-5.3	0.3	-487.8
1987	71	-1876.2	-90.1	-69.5	-85.3	-9.0	-2.9	0.2	-499.6
1988	59	-1875.1	-88.3	-69.6	-85.3	-6.8	-3.4	0.2	-496.4
1989	80	-1902.3	-88.7	-70.4	-86.6	-5.5	-3.0	0.0	-501.0
1990	92	-1892.7	-87.7	-70.2	-86.1	-4.2	-3.1	0.3	-497.6
1991	63	-1815.5	-85.0	-68.3	-82.6	-5.4	-4.7	0.2	-483.3
1992	95	-1757.5	-80.9	-66.4	-79.9	-2.7	-4.5	0.1	-466.4
1993	107	-1527.0	-73.9	-59.6	-69.4	-7.8	-6.7	0.2	-420.6
1994	165	-1539.6	-75.2	-59.9	-70.0	-9.0	-6.5	0.2	-424.5
1995	114	-1619.9	-79.1	-62.0	-73.6	-9.5	-5.4	0.3	-442.6
1996	184	-1628.2	-80.2	-62.3	-74.0	-10.8	-5.6	0.3	-446.1
1997	153	-1493.2	-75.4	-56.8	-67.9	-12.7	-4.6	0.2	-411.7
1998	192	-1502.4	-72.7	-56.2	-68.3	-7.9	-3.1	0.3	-403.4
1999	217	-1524.1	-76.8	-58.8	-69.2	-12.6	-5.7	0.4	-423.0
2000	212	-1484.6	-76.4	-57.3	-67.2	-14.7	-5.7	0.6	-415.6
2001	236	-1424.4	-72.0	-54.9	-62.7	-11.8	-5.2	3.3	-395.3
2002	181	-1232.4	-63.9	-47.6	-52.3	-12.2	-4.5	5.7	-345.1
2003	231	-1090.7	-60.3	-43.5	-46.6	-15.7	-5.7	4.4	-319.2
2004	262	-1030.4	-58.4	-41.7	-44.6	-16.7	-6.1	3.3	-307.1
2005	348	-986.9	-57.1	-39.9	-42.5	-17.5	-5.8	3.5	-296.2
2006	355	-940.1	-54.1	-38.7	-41.0	-16.1	-6.5	2.6	-284.5
2007	407	-846.0	-50.8	-35.4	-37.0	-17.1	-6.4	2.1	-262.8
2008	407	-762.8	-48.4	-32.6	-33.3	-18.7	-6.6	1.9	-245.2
2009	466	-720.8	-46.2	-30.7	-31.9	-18.3	-6.1	1.3	-232.4
2010	448	-557.3	-38.9	-24.8	-25.4	-17.7	-5.8	0.1	-190.8
2011	510	-519.5	-36.4	-23.3	-24.4	-16.7	-5.6	-0.9	-179.2
2012	520	-417.1	-32.7	-19.2	-20.6	-17.5	-5.0	-2.0	-153.5
2013	559	-391.2	-29.4	-17.9	-19.7	-14.6	-4.5	-2.3	-141.2
2014	528	-284.6	-25.9	-14.7	-15.3	-16.0	-5.1	-3.0	-119.1
2015	434	-199.1	-23.2	-12.5	-11.7	-17.1	-6.2	-3.2	-103.3
2016	356	-170.5	-20.8	-9.7	-10.4	-15.8	-4.0	-3.3	-86.3
2017	272	-71.9	-17.4	-5.7	-5.6	-16.8	-3.5	-2.9	-61.6
2018	116	-67.2	-13.5	-4.4	-6.0	-12.5	-2.2	-3.5	-48.1

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

Tabel: 312 Montbéliard: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	16	93.6	106.8	92.8	85.4	111.8	106.5	92.1
1985	18	93.5	107.1	92.7	85.8	111.7	106.3	91.3
1986	17	94.1	106.6	93.0	86.1	111.6	105.6	91.9
1987	31	94.6	107.5	93.8	86.9	111.6	105.8	92.8
1988	19	94.5	107.2	93.4	86.3	111.8	105.6	91.9
1989	43	93.2	107.4	93.4	86.1	112.9	106.7	92.5
1990	37	93.9	107.4	93.8	86.5	112.4	106.9	92.6
1991	28	93.6	107.4	93.0	85.9	112.5	106.6	92.4
1992	35	93.5	107.5	92.9	85.8	113.1	107.8	91.3
1993	38	94.3	109.4	94.8	86.6	113.3	106.2	92.9
1994	73	94.4	109.2	94.6	86.7	113.0	107.0	92.9
1995	25	94.6	108.9	94.0	86.3	113.3	107.8	92.2
1996	31	94.3	109.2	94.3	86.2	113.5	107.2	92.3
1997	39	95.2	109.3	95.2	87.0	113.5	108.7	92.8
1998	48	94.4	109.2	94.4	86.1	113.6	107.7	92.4
1999	52	94.9	109.1	94.2	86.5	113.3	108.1	93.0
2000	39	94.4	108.5	93.3	85.9	112.9	108.3	93.2
2001	32	94.9	109.1	94.4	86.7	113.0	106.6	93.9
2002	41	94.3	108.9	93.8	86.0	113.7	107.8	93.2
2003	39	95.2	109.4	94.4	86.9	113.3	107.5	93.7
2004	36	95.7	108.6	93.8	86.6	113.0	107.6	92.8
2005	61	94.7	109.1	94.0	86.2	114.1	106.9	93.2
2006	39	95.1	109.4	94.2	86.2	113.9	107.3	93.6
2007	49	95.8	109.7	94.7	86.6	114.0	107.1	93.3
2008	47	96.0	109.5	94.5	86.6	113.9	106.7	93.9
2009	43	96.4	109.5	95.3	87.8	113.3	107.5	93.7
2010	33	96.4	110.7	96.5	88.3	113.6	106.0	93.8
2011	56	97.6	109.1	96.0	88.1	112.5	105.8	93.5
2012	55	96.8	109.5	96.1	88.8	112.3	106.2	93.6
2013	58	97.2	108.7	95.7	88.8	111.7	106.2	94.1
2014	67	98.1	108.1	96.8	90.0	110.7	105.7	94.6
2015	38	97.4	109.4	96.6	89.3	111.7	103.9	94.6
2016	53	97.6	109.2	96.7	89.8	111.1	104.9	93.6
2017	36	96.6	109.1	96.7	90.6	110.4	104.8	93.2

Tabel: 313 Montbéliard: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1981	16	100.8	96.8	107.6	102.9	97.5
1985	18	101.1	96.3	107.9	102.7	97.2
1986	17	101.4	95.9	107.9	103.1	97.9
1987	31	101.2	96.4	107.7	103.1	97.7
1988	19	101.5	96.0	107.7	103.1	97.9
1989	43	100.7	97.2	107.1	102.6	96.8
1990	37	101.5	96.4	108.1	103.4	97.8
1991	28	101.0	96.5	107.6	103.0	97.5
1992	35	100.9	95.9	108.6	103.2	97.1
1993	38	102.1	95.6	106.7	103.6	98.8
1994	73	101.7	95.8	106.9	103.4	98.4
1995	25	101.9	95.9	107.4	103.8	98.5

1996	31	101.8	95.7	107.6	103.5	98.1
1997	39	101.8	96.1	106.9	103.5	98.7
1998	48	101.8	95.7	107.3	103.6	98.5
1999	52	101.7	96.0	107.6	103.6	98.1
2000	39	101.5	97.1	106.8	103.4	97.9
2001	32	101.2	95.8	108.0	103.8	97.9
2002	41	102.0	95.7	107.9	104.2	98.9
2003	39	102.1	95.8	108.3	104.4	98.8
2004	36	102.1	94.6	108.9	104.3	98.9
2005	61	102.4	95.4	107.7	104.6	99.7
2006	39	102.3	95.1	107.9	104.2	99.3
2007	49	102.5	94.9	108.5	104.5	99.4
2008	47	102.1	94.6	108.8	104.3	98.9
2009	43	102.6	94.4	108.5	104.4	99.4
2010	33	102.4	95.9	107.5	104.5	98.8
2011	56	102.4	95.4	108.2	104.0	98.9
2012	55	103.4	96.3	107.7	104.9	99.7
2013	58	103.0	95.7	108.0	104.5	99.7
2014	67	103.2	95.4	108.1	104.2	99.7
2015	38	103.7	96.2	107.7	105.2	100.4
2016	53	104.0	96.5	107.5	105.2	100.5
2017	36	103.4	95.9	108.4	105.7	100.2

Tabel: 314 Montbéliard: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1981	16	88.6	91.6	105.4	91.2	81.9	92.3	91.4
1985	18	89.2	91.3	104.1	91.8	82.3	92.1	90.9
1986	17	89.5	91.6	104.7	91.8	82.5	92.6	91.4
1987	31	89.6	91.4	104.9	91.9	83.0	92.4	90.8
1988	19	90.1	91.8	105.1	91.9	83.3	92.4	91.1
1989	43	89.9	91.3	105.6	91.9	81.9	90.8	90.7
1990	37	89.5	91.5	105.5	91.6	82.2	90.9	90.8
1991	28	89.5	91.3	104.9	91.5	82.1	91.3	90.7
1992	35	88.1	90.7	104.7	90.5	81.4	90.9	90.2
1993	38	88.8	91.4	107.1	90.1	83.6	89.6	88.7
1994	73	89.2	91.8	106.2	90.6	83.3	90.6	89.3
1995	25	89.2	91.7	105.9	90.8	82.8	90.3	89.4
1996	31	88.6	91.3	105.0	90.9	81.9	91.5	90.2
1997	39	88.8	90.8	105.5	91.1	82.3	90.8	89.7
1998	48	89.7	91.7	104.9	91.9	82.6	91.4	90.4
1999	52	88.7	91.0	105.3	90.9	81.8	90.5	89.3
2000	39	89.2	91.8	104.2	91.5	82.3	90.8	89.7
2001	32	89.4	91.1	104.3	91.0	82.5	90.4	89.2
2002	41	89.0	91.5	103.7	90.9	82.3	90.9	89.9
2003	39	89.3	90.6	104.9	91.2	83.1	90.7	89.3
2004	36	89.5	91.2	104.5	91.2	83.1	90.7	89.5
2005	61	89.5	91.7	102.8	91.1	82.8	91.3	90.0
2006	39	89.3	91.3	103.1	91.2	82.2	91.5	90.4
2007	49	89.6	92.6	103.9	91.7	82.9	91.6	90.4
2008	47	89.4	91.8	103.3	91.5	83.0	91.3	90.1
2009	43	89.9	92.9	103.3	91.9	83.5	93.1	92.0
2010	33	89.5	92.3	103.8	90.5	82.9	90.6	89.5
2011	56	90.6	93.9	103.1	92.6	84.4	92.2	91.6
2012	55	91.1	94.2	102.5	92.3	84.8	93.0	92.6
2013	58	92.2	94.5	102.6	93.9	86.0	93.7	93.1
2014	67	92.2	94.6	103.0	93.8	86.7	93.2	92.7
2015	38	92.1	94.3	102.6	93.4	86.4	93.1	92.6
2016	53	91.9	94.3	103.6	93.1	87.0	93.2	92.8

2017	36	91.1	94.1	103.0	92.1	86.8	92.7	92.2
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Tabel: 315 Montbéliard: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	16	98.1	95.1	84.9	98.5	0.0	89.9
1985	18	97.4	94.7	85.3	98.2	0.0	89.7
1986	17	97.7	95.3	85.6	98.7	0.0	90.3
1987	31	98.5	96.0	85.8	98.5	0.0	90.6
1988	19	97.7	95.5	86.2	98.8	0.0	90.6
1989	43	98.4	96.0	85.0	97.9	0.0	89.8
1990	37	98.6	96.2	85.0	98.8	0.0	90.4
1991	28	98.1	95.4	85.0	98.3	0.0	89.8
1992	35	98.2	95.6	83.8	98.0	0.0	89.0
1993	38	98.9	96.3	84.2	99.1	0.0	90.2
1994	73	99.3	96.1	84.8	99.0	0.0	90.6
1995	25	98.8	95.7	84.7	99.2	0.0	90.5
1996	31	98.8	96.0	84.4	98.8	0.0	90.1
1997	39	99.8	96.7	84.6	99.2	0.0	90.8
1998	48	99.1	96.0	85.4	98.9	0.0	90.9
1999	52	99.5	96.2	84.2	98.8	0.0	90.2
2000	39	99.3	95.6	84.9	98.8	0.0	90.5
2001	32	99.3	96.4	84.7	98.5	0.0	90.3
2002	41	99.2	96.2	84.8	99.4	0.0	90.8
2003	39	99.5	96.5	85.0	99.4	0.0	91.0
2004	36	98.7	96.0	85.1	99.0	0.0	90.6
2005	61	99.1	96.4	85.1	99.8	0.0	91.3
2006	39	99.3	96.3	85.1	99.5	0.0	91.0
2007	49	99.4	96.6	85.8	99.6	0.0	91.6
2008	47	99.5	96.7	85.4	99.1	0.0	91.0
2009	43	99.9	97.3	86.4	99.4	0.0	92.1
2010	33	99.8	97.6	84.9	99.3	0.0	91.2
2011	56	99.3	97.2	87.1	99.4	0.0	92.2
2012	55	99.4	97.5	87.5	100.4	0.0	93.0
2013	58	99.7	97.4	89.1	100.3	0.0	93.9
2014	67	100.1	97.9	89.2	100.1	0.0	94.1
2015	38	99.3	97.9	88.8	101.1	0.0	94.2
2016	53	99.2	97.4	88.8	101.3	0.0	94.2
2017	36	99.1	97.5	88.1	101.0	0.0	93.6

Tabel: 316 Montbéliard: Vruchtbaarheidsskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	14	103.2	104.4	103.6	104.3	102.8	97.9	86.7	104.1
1981	27	102.9	104.6	103.6	104.6	102.5	97.8	87.9	104.4
1982	16	102.7	105.1	103.9	104.9	102.6	97.8	87.2	104.8
1983	12	102.8	104.9	103.8	104.9	102.8	97.8	88.9	104.7
1984	18	102.3	105.4	104.1	105.3	102.8	98.0	89.2	105.0
1985	35	102.5	104.7	103.6	104.6	102.4	97.5	88.0	104.3
1986	26	102.2	105.2	103.6	104.8	102.4	97.8	88.6	104.4
1987	40	102.2	105.0	103.7	104.8	102.5	97.5	88.6	104.6
1988	42	102.1	104.7	103.3	104.3	102.0	97.5	88.2	104.0
1989	81	103.4	105.8	104.8	106.0	103.8	98.2	88.7	105.7
1990	87	103.2	105.3	104.3	105.4	103.4	97.9	88.3	105.1

1991	59	103.0	104.9	104.0	105.2	103.1	97.9	88.1	104.8
1992	90	103.2	104.6	103.9	104.8	103.1	98.1	88.3	104.6
1993	105	103.2	105.0	104.6	105.4	103.7	98.1	88.2	105.2
1994	157	103.3	104.8	104.3	105.1	103.4	98.0	87.9	105.0
1995	112	103.0	104.9	104.1	105.1	103.2	98.1	87.9	104.8
1996	161	103.0	104.9	103.9	105.1	103.1	98.2	88.5	104.7
1997	154	102.5	105.5	103.9	105.6	102.9	97.8	89.1	105.0
1998	188	102.6	105.1	103.8	105.1	102.9	97.4	87.9	104.7
1999	214	103.0	104.9	104.0	105.0	103.1	97.8	88.2	104.7
2000	221	103.0	104.6	103.9	104.8	103.1	97.7	88.0	104.6
2001	246	102.8	104.7	104.0	104.9	103.1	97.7	88.3	104.7
2002	200	102.6	105.1	104.2	105.2	103.1	97.5	89.2	105.0
2003	266	102.4	104.7	103.9	104.9	102.8	97.4	89.3	104.6
2004	304	102.5	104.6	104.0	104.9	102.9	97.6	89.5	104.7
2005	390	102.9	104.6	104.3	104.9	103.2	97.7	88.9	104.9
2006	405	103.4	104.1	104.4	104.8	103.5	97.9	89.1	104.8
2007	467	102.9	104.5	104.3	105.0	103.4	97.8	89.4	104.9
2008	482	102.8	104.9	104.5	105.4	103.5	97.7	90.0	105.2
2009	579	102.6	105.0	104.6	105.5	103.5	97.3	90.5	105.3
2010	524	102.7	104.6	104.5	105.3	103.5	96.9	91.0	105.1
2011	591	103.1	104.1	104.5	105.0	103.7	97.5	91.0	105.0
2012	614	103.6	103.9	104.8	105.2	104.2	98.0	91.4	105.3
2013	674	104.3	103.4	105.0	104.9	104.7	98.4	91.2	105.2
2014	641	104.1	103.5	105.0	105.1	104.6	98.4	92.0	105.3
2015	518	103.9	103.5	104.9	104.9	104.4	98.3	92.3	105.2
2016	422	102.8	103.8	104.5	104.8	103.8	97.6	92.9	104.9
2017	328	102.7	103.2	104.1	104.4	103.6	97.7	92.7	104.5
2018	211	103.4	102.9	104.5	104.5	104.2	98.4	92.4	104.7
2019	25	104.3	103.2	105.1	105.0	105.2	100.1	92.2	105.4

Tabel: 317 Montbéliard: Gebruikskkenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	12	97.6	86.6	98.6	100.8	104.6
1985	14	98.0	86.9	98.2	100.0	103.6
1986	12	98.2	85.8	98.0	100.4	104.3
1987	24	98.1	93.1	98.2	100.4	103.9
1988	18	98.1	78.6	98.0	99.9	103.7
1989	43	98.6	72.0	97.9	99.6	103.8
1990	40	98.4	88.9	97.6	99.6	103.6
1991	26	98.3	76.0	98.1	99.7	103.8
1992	36	98.3	75.1	98.7	100.1	103.7
1993	44	95.6	90.9	97.9	99.2	102.7
1994	67	96.5	78.9	97.8	99.2	102.7
1995	33	96.3	80.8	97.7	99.3	102.8
1996	34	96.8	87.4	97.7	99.7	102.9
1997	46	97.2	86.0	97.8	99.8	102.5
1998	51	98.2	92.9	98.0	99.7	103.1
1999	54	98.2	89.4	97.6	99.6	103.0
2000	37	98.8	87.6	97.6	99.4	103.0
2001	30	98.3	86.9	98.1	100.0	102.8
2002	40	98.4	85.4	98.4	100.1	102.6
2003	43	98.7	88.1	99.0	100.4	103.0
2004	34	98.4	90.1	98.8	100.5	102.9
2005	61	97.4	92.6	99.3	100.6	102.8
2006	37	97.8	87.4	99.6	101.0	102.8
2007	48	98.1	90.9	99.9	101.3	103.1
2008	40	98.0	92.7	99.7	101.0	103.2
2009	40	98.3	93.0	99.2	100.5	102.8

2010	22	98.7	94.3	99.3	100.5	102.7
2011	49	98.3	93.0	99.3	100.1	102.7
2012	46	99.1	93.1	99.8	100.7	103.1
2013	46	98.0	93.2	100.1	100.8	103.0
2014	50	98.3	93.0	99.7	100.3	102.7
2015	30	98.5	93.7	99.9	100.5	103.1
2016	35	98.7	93.8	99.6	100.1	102.8
2017	23	101.7	92.8	99.2	99.7	102.5

Tabel: 318 Montbéliard: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	12	-205.8	-506.5	-148.0	102.1	104.1	85.0	98.0	99.1	0.0
1981	28	-186.7	-493.3	0.0	103.3	104.4	84.9	98.5	99.5	0.0
1982	18	-201.2	-516.3	-102.5	102.1	104.8	85.9	98.1	99.2	0.0
1983	16	-188.6	-500.3	0.0	104.4	104.7	83.9	97.4	99.5	0.0
1984	25	-181.7	-484.5	-190.0	103.1	105.0	84.2	98.6	99.8	0.0
1985	42	-166.0	-497.5	-148.7	102.3	104.3	85.3	98.2	100.0	100.9
1986	38	-164.3	-487.8	-219.2	102.9	104.4	85.6	98.7	99.6	100.6
1987	71	-168.3	-499.6	-175.0	102.8	104.6	85.8	98.5	100.1	113.8
1988	59	-168.9	-496.4	-260.9	102.4	104.0	86.2	98.8	99.9	106.2
1989	80	-200.6	-501.0	-388.5	102.2	105.7	85.0	97.9	100.7	37.3
1990	92	-199.7	-497.6	-378.2	102.2	105.1	85.0	98.8	100.6	40.6
1991	63	-181.6	-483.3	-243.5	102.2	104.8	85.0	98.3	100.3	62.5
1992	95	-182.7	-466.4	-303.6	102.5	104.6	83.8	98.0	100.5	61.6
1993	107	-167.6	-420.6	-281.2	101.4	105.2	84.2	99.1	99.9	27.8
1994	165	-171.4	-424.5	-256.8	101.4	105.0	84.8	99.0	99.7	33.2
1995	114	-184.9	-442.6	-369.0	101.5	104.8	84.7	99.2	99.9	27.9
1996	184	-171.2	-446.1	-281.0	101.8	104.7	84.4	98.8	100.5	54.2
1997	153	-169.3	-411.7	-323.9	101.4	105.0	84.6	99.2	101.1	14.2
1998	192	-171.1	-403.4	-338.9	101.8	104.7	85.4	98.9	101.1	5.4
1999	217	-182.4	-423.0	-378.3	101.8	104.7	84.2	98.8	100.5	13.6
2000	212	-187.5	-415.6	-397.2	101.6	104.6	84.9	98.8	100.5	-0.7
2001	236	-170.9	-395.3	-361.1	101.8	104.7	84.7	98.5	100.4	3.4
2002	181	-157.2	-345.1	-332.1	101.7	105.0	84.8	99.4	100.6	-19.8
2003	231	-148.2	-319.2	-311.4	102.1	104.6	85.0	99.4	99.9	-24.0
2004	262	-141.0	-307.1	-302.6	102.1	104.7	85.1	99.0	99.9	-25.7
2005	348	-135.5	-296.2	-307.5	102.1	104.9	85.1	99.8	100.8	-38.1
2006	355	-128.8	-284.5	-297.1	102.3	104.8	85.1	99.5	100.7	-43.6
2007	407	-117.9	-262.8	-288.5	102.6	104.9	85.8	99.6	101.1	-49.7
2008	407	-111.8	-245.2	-267.0	102.5	105.2	85.4	99.1	100.9	-52.5
2009	466	-106.1	-232.4	-262.1	102.1	105.3	86.4	99.4	100.8	-55.4
2010	448	-91.1	-190.8	-230.9	102.0	105.1	84.9	99.3	100.4	-61.3
2011	510	-87.1	-179.2	-225.2	101.8	105.0	87.1	99.4	100.6	-64.1
2012	520	-66.3	-153.5	-177.5	102.3	105.3	87.5	100.4	100.6	-65.4
2013	559	-58.3	-141.2	-167.9	102.3	105.2	89.1	100.3	100.6	-64.5
2014	528	-50.2	-119.1	-153.9	101.9	105.3	89.2	100.1	100.5	-64.4
2015	434	-38.1	-103.3	-120.6	102.3	105.2	88.8	101.1	100.8	-71.0
2016	356	-33.8	-86.3	-111.1	101.8	104.9	88.8	101.3	100.6	-68.5
2017	272	-29.3	-61.6	-108.0	101.5	104.5	88.1	101.0	100.1	-69.4
2018	116	-15.4	-48.1	-82.1	101.9	104.7	88.6	100.3	100.5	-66.2

Tabel: 319 Montbéliard: Klauwgezondheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1994	10	98.7	91.5	105.6	103.1	95.5	99.5	92.4
2000	10	95.8	92.8	101.8	98.6	95.9	97.2	93.4
2001	32	98.1	93.1	104.0	101.6	95.7	99.1	93.0
2002	15	98.8	92.9	104.6	102.3	96.1	99.3	93.3
2003	19	97.9	92.3	104.1	102.0	95.5	99.2	91.9
2004	28	98.8	92.8	104.7	102.9	95.6	100.0	92.5
2005	57	99.7	93.4	105.7	103.4	96.4	99.2	92.1
2006	43	99.5	93.8	105.1	102.7	96.8	99.6	92.8
2007	58	99.5	93.9	104.5	102.8	97.1	100.0	93.2
2008	59	99.4	93.7	104.9	102.7	96.8	99.7	92.8
2009	49	99.5	94.4	104.5	102.4	97.4	99.4	93.5
2010	40	98.6	93.2	104.5	101.8	96.5	99.0	93.2
2011	75	98.9	94.2	104.1	101.7	96.9	99.4	93.4
2012	73	98.9	94.4	104.0	101.4	97.2	99.6	93.6
2013	65	99.6	95.3	104.2	102.0	97.4	100.0	93.6
2014	52	99.5	94.8	104.3	102.2	97.3	100.0	93.6
2015	32	99.2	94.4	104.5	101.5	97.4	100.2	93.4
2016	43	99.3	95.0	104.5	101.0	97.8	100.2	93.7
2017	30	99.4	94.7	104.4	101.4	97.9	100.9	93.6

Tabel: 320 Montbéliard: Levensvatbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	13	96.7	102.1	96.7	102.1	95.9	102.1
1984	10	96.2	102.9	96.2	102.9	95.6	102.3
1985	19	95.5	103.2	95.5	103.2	95.1	102.8
1986	18	95.8	102.7	95.8	102.7	95.2	102.4
1987	26	95.4	103.5	95.4	103.5	94.7	103.3
1988	22	95.5	103.1	95.5	103.1	94.6	102.7
1989	51	96.4	103.3	96.4	103.3	95.8	103.4
1990	59	96.2	103.2	96.2	103.2	95.6	103.1
1991	33	96.2	103.0	96.2	103.0	95.4	103.0
1992	56	95.9	103.0	95.9	103.0	95.2	102.9
1993	88	95.8	102.7	95.8	102.7	94.4	103.7
1994	132	95.7	102.5	95.7	102.5	94.5	103.4
1995	87	95.9	102.6	95.9	102.6	94.8	103.5
1996	119	96.6	102.7	96.6	102.7	95.7	103.3
1997	138	96.5	103.4	96.5	103.4	95.9	104.1
1998	148	96.4	103.7	96.4	103.7	95.8	104.1
1999	169	95.9	103.4	95.9	103.4	95.4	103.5
2000	179	95.9	103.4	95.9	103.4	95.1	103.7
2001	206	95.9	103.2	95.9	103.2	94.9	103.3
2002	210	96.0	103.3	96.0	103.3	94.9	103.4
2003	275	95.4	102.9	95.4	102.9	94.4	103.1
2004	320	95.3	103.0	95.3	103.0	94.6	103.1
2005	413	95.9	103.6	95.9	103.6	95.1	103.6
2006	469	95.8	103.5	95.8	103.5	95.2	103.5
2007	539	95.8	104.1	95.8	104.1	95.1	103.9
2008	585	95.7	103.9	95.7	103.9	94.8	104.0
2009	722	95.5	103.9	95.5	103.9	94.6	104.0
2010	688	95.2	103.8	95.2	103.8	94.5	104.0
2011	724	95.4	103.8	95.4	103.8	94.8	104.2
2012	762	95.4	103.7	95.4	103.7	95.0	104.4

2013	824	95.5	103.8	95.5	103.8	95.1	104.7
2014	810	95.5	103.5	95.5	103.5	95.2	104.4
2015	719	95.9	103.8	95.9	103.8	95.4	104.7
2016	625	96.0	103.5	96.0	103.5	95.5	104.4
2017	521	95.6	103.1	95.6	103.1	95.0	104.4
2018	468	95.8	103.5	95.8	103.5	95.3	104.7
2019	348	95.9	102.0	95.9	102.0	95.3	103.1
2020	248	96.0	99.0	96.0	99.0	95.6	99.9

Tabel: 321 Montbéliard: Geboortekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1985	16	90.6	111.9	112.6	74.8	64.6	64.0
1986	15	90.9	112.0	112.3	65.1	57.1	55.9
1987	23	90.7	111.9	112.7	80.9	70.0	68.5
1988	20	90.3	111.7	112.7	54.1	47.4	46.9
1989	42	88.7	111.9	114.8	92.8	78.4	78.0
1990	42	89.7	112.2	113.6	95.4	81.4	81.6
1991	25	88.7	112.1	114.7	91.0	77.3	76.8
1992	30	90.3	112.0	113.0	90.7	78.4	77.7
1993	57	88.6	111.9	115.2	99.3	83.5	80.2
1994	72	89.2	111.8	114.5	95.2	80.8	78.0
1995	40	88.6	111.9	115.1	88.3	74.7	72.2
1996	49	89.6	111.1	114.1	92.4	76.6	75.5
1997	69	89.3	112.0	114.2	102.8	85.0	83.4
1998	77	89.4	112.2	114.0	100.0	83.7	83.2
1999	65	89.2	112.1	114.3	84.3	71.5	71.0
2000	76	89.5	112.8	114.0	64.5	55.3	55.1
2001	55	89.9	112.0	113.5	88.5	76.6	75.9
2002	68	90.6	112.1	112.7	91.0	79.4	78.6
2003	114	90.3	111.4	113.1	99.3	85.7	84.6
2004	138	90.5	112.0	112.7	100.1	86.4	85.9
2005	196	90.9	111.8	112.3	106.6	91.3	90.5
2006	199	90.8	112.0	112.3	105.7	90.6	90.0
2007	267	90.2	111.5	113.1	110.0	93.5	92.7
2008	315	90.3	111.2	112.9	107.7	92.7	92.0
2009	387	90.0	111.2	113.1	107.5	92.7	92.1
2010	345	89.8	111.4	113.4	107.8	92.0	91.7
2011	371	90.5	111.3	112.5	107.5	92.1	91.4
2012	434	90.2	111.0	112.7	108.5	93.3	92.2
2013	375	90.5	111.3	112.2	107.5	92.6	91.5
2014	469	90.7	110.7	111.9	107.8	92.8	91.7
2015	372	90.5	111.1	112.2	108.6	93.8	92.5
2016	302	91.1	110.0	111.3	106.9	93.1	92.2
2017	228	91.3	110.2	111.0	107.6	93.3	92.7
2018	197	91.4	110.1	110.9	106.3	91.7	91.3
2019	165	91.8	109.5	110.4	104.9	91.3	90.7
2020	127	91.2	109.7	111.3	102.1	88.7	88.1

Tabel: 322 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
1981	17	105.1	120.7	99.4	104.5	115.1	104.0	101.2	96.4	117.9	102.8	106.6
1984	14	105.8	120.1	99.1	105.3	114.7	103.0	102.6	96.0	116.9	102.6	107.1

1985	22	105.6	121.5	99.4	105.6	115.3	103.5	102.0	96.5	118.1	103.3	106.6
1986	23	105.1	121.2	99.2	105.5	114.7	103.4	101.8	96.1	117.7	103.2	106.4
1987	29	105.4	120.9	99.8	106.3	113.8	104.0	101.9	97.4	116.8	104.1	106.8
1988	23	105.7	119.6	100.1	105.3	114.3	103.3	102.7	96.7	116.3	103.9	106.3
1989	69	105.7	121.1	99.9	104.9	115.8	103.6	102.4	95.2	118.4	103.0	107.6
1990	68	105.6	121.4	99.9	105.1	115.6	103.9	102.2	95.6	118.6	102.9	107.9
1991	43	106.0	121.7	99.6	105.9	115.4	103.6	102.5	96.4	118.2	103.1	107.6
1992	73	104.9	120.6	100.3	105.2	114.2	104.4	101.3	96.8	117.4	103.5	106.9
1993	87	104.3	121.4	99.9	106.1	114.0	104.9	100.7	95.8	118.2	103.4	107.8
1994	145	104.7	121.2	99.5	106.2	114.1	104.5	101.2	95.9	117.9	103.2	107.8
1995	94	104.1	121.0	100.0	106.1	113.4	105.0	100.7	95.9	117.4	103.4	107.6
1996	132	104.8	120.9	99.2	106.1	113.7	104.3	101.5	96.1	117.2	103.2	107.3
1997	130	104.7	121.3	99.4	106.5	113.5	104.7	101.3	96.3	117.5	103.1	108.1
1998	157	105.2	121.0	99.6	105.5	114.7	104.0	101.8	96.0	117.8	102.9	107.8
1999	182	105.7	121.1	99.3	106.1	114.9	104.0	102.2	96.4	117.8	103.1	108.0
2000	183	105.7	121.4	99.4	106.0	115.1	104.2	101.8	96.6	118.3	103.1	108.2
2001	215	105.7	121.5	99.3	106.4	114.7	104.3	101.8	97.0	118.2	103.4	108.1
2002	173	104.8	121.1	99.3	106.1	114.1	104.6	101.0	96.6	118.0	102.8	108.1
2003	245	105.1	120.8	99.9	106.2	114.3	104.4	101.6	96.2	117.7	103.0	108.1
2004	282	105.5	120.8	99.7	106.4	114.3	104.1	101.9	96.8	117.6	103.0	108.1
2005	357	105.8	121.1	99.2	106.6	114.4	103.9	102.1	97.3	117.7	102.9	108.3
2006	361	105.8	120.7	99.7	106.4	114.3	104.0	102.0	97.6	117.3	103.0	108.3
2007	400	105.3	120.3	99.7	106.5	113.4	104.3	101.5	97.8	116.8	103.1	108.0
2008	398	105.6	120.3	99.6	106.9	113.7	104.1	102.2	97.0	116.7	103.2	108.1
2009	416	105.9	120.3	99.5	107.3	113.5	104.0	102.8	96.9	116.5	103.2	108.4
2010	333	106.0	119.1	100.0	106.9	113.0	103.8	103.1	97.4	115.6	103.2	108.1
2011	263	106.2	118.6	100.1	106.6	112.9	103.7	103.3	97.6	115.2	103.4	108.1
2012	135	106.4	118.6	100.0	106.8	112.9	103.7	103.4	97.8	115.1	103.5	108.1
2013	91	105.2	117.7	99.8	106.2	111.7	104.1	102.2	97.7	114.3	103.5	107.2
2014	84	104.3	116.1	100.5	105.8	110.2	104.7	101.6	97.8	112.9	104.0	106.3
2015	38	105.4	116.8	100.5	106.4	111.1	104.2	102.6	98.1	113.4	103.7	107.3
2016	57	105.4	116.5	100.5	106.4	111.2	104.1	102.9	97.8	113.3	103.9	107.1
2017	36	105.6	116.4	100.8	105.9	111.6	103.8	103.0	97.8	113.5	103.8	106.6

Tabel: 323 Montbéliard: Kalvervitaliteit
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	13	94.7	99.5	83.2
1984	11	95.2	99.3	85.8
1985	19	95.1	99.5	84.8
1986	18	94.2	98.7	85.6
1987	25	94.0	98.7	85.4
1988	22	94.3	98.3	86.6
1989	54	95.3	100.1	85.1
1990	62	95.2	99.9	84.9
1991	30	95.1	99.9	85.2
1992	55	94.4	99.4	84.2
1993	94	94.1	99.4	85.1
1994	136	94.0	99.1	85.1
1995	100	94.0	99.0	85.0
1996	126	94.4	99.1	85.1
1997	153	94.6	99.3	84.8
1998	163	95.0	99.8	84.7
1999	183	94.4	99.2	84.7
2000	190	94.4	99.2	84.6
2001	219	94.3	99.0	85.8
2002	228	94.2	99.0	86.0
2003	302	94.3	99.0	86.5
2004	344	94.2	98.8	86.8

2005	439	93.8	98.6	86.3
2006	512	94.2	98.8	86.7
2007	573	93.9	98.8	86.5
2008	645	93.7	98.6	86.0
2009	784	93.7	98.7	86.1
2010	740	94.3	99.1	86.6
2011	782	94.6	99.3	86.7
2012	805	95.0	99.6	86.6
2013	890	95.0	99.7	86.2
2014	878	95.7	100.3	86.6
2015	781	95.6	100.2	86.3
2016	680	95.7	100.5	86.5
2017	551	96.2	100.7	86.7
2018	524	96.6	101.0	87.0
2019	396	96.7	101.3	86.6
2020	274	96.7	101.2	86.7

Tabel: 324 Montbéliard: Levensproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	227	-3552.8	-13708.1	-623.4	-501.0
2002	179	-3266.3	-12570.4	-574.6	-459.7
2003	229	-3090.4	-11747.8	-547.3	-433.7
2004	262	-3017.6	-11414.3	-535.6	-423.2
2005	348	-3003.5	-11381.3	-534.5	-420.4
2006	356	-2902.5	-10970.7	-514.9	-407.3
2007	412	-2793.7	-10512.1	-497.3	-391.4
2008	414	-2627.9	-9784.4	-471.3	-366.7
2009	472	-2551.9	-9513.1	-457.6	-356.1
2010	458	-2249.2	-8291.2	-405.8	-313.0
2011	529	-2187.2	-8080.2	-393.8	-304.8
2012	545	-1822.4	-6606.3	-333.2	-251.8
2013	589	-1727.5	-6271.6	-314.2	-239.5
2014	534	-1570.1	-5589.8	-287.0	-217.4
2015	443	-1308.1	-4446.3	-243.3	-179.6
2016	359	-1201.6	-4164.3	-226.3	-163.4
2017	269	-1104.8	-3792.5	-212.9	-147.8
2018	111	-920.6	-3242.4	-175.8	-123.7

Tabel: 325 Montbéliard: Robot / AMS kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Eff	Int	Gewen
1985	10	96.1	97.8	99.6
1987	14	95.0	97.1	99.1
1989	26	96.4	97.8	99.8
1990	26	96.0	97.4	99.6
1991	20	96.0	97.3	99.8
1992	20	96.5	98.0	99.3
1993	37	95.1	96.9	99.4
1994	33	95.5	97.1	99.5
1995	24	95.2	97.0	99.4
1996	24	96.1	97.6	99.3
1997	47	95.1	97.3	99.1
1998	44	95.8	97.0	98.7

1999	23	96.5	98.0	98.4
2000	30	96.8	97.7	98.7
2001	23	95.8	96.4	99.8
2002	30	95.4	97.1	99.4
2003	45	96.0	97.0	99.3
2004	46	95.8	96.8	99.5
2005	62	95.1	96.1	99.0
2006	63	95.2	96.8	99.2
2007	94	94.6	96.6	99.4
2008	113	94.5	97.0	98.8
2009	148	94.8	96.5	99.1
2010	150	94.9	96.6	99.2
2011	187	95.4	98.2	99.2
2012	170	95.4	99.8	98.8
2013	205	95.0	100.9	98.3
2014	170	94.9	101.4	99.0
2015	157	94.9	102.8	98.2
2016	113	95.9	103.2	98.0
2017	65	96.7	103.6	97.6
2018	29	96.7	104.8	97.5

Tabel: 326 Montbéliard: Overige productie en efficiency kenm.

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	12	102.2	98.0	0	0.0	0.0	0	0.0
1981	28	102.7	98.0	0	0.0	0.0	0	0.0
1982	18	103.9	98.7	0	0.0	0.0	0	0.0
1983	16	103.9	98.6	0	0.0	0.0	0	0.0
1984	25	102.0	98.5	0	0.0	0.0	0	0.0
1985	42	101.5	97.8	45	-4.7	100.9	0	0.0
1986	38	102.0	98.3	38	-4.9	100.6	0	0.0
1987	71	101.0	97.9	73	-5.1	113.8	0	0.0
1988	59	101.5	98.5	60	-5.0	106.2	0	0.0
1989	80	100.7	98.1	80	-4.0	37.3	0	0.0
1990	92	100.8	97.8	92	-4.0	40.6	0	0.0
1991	63	101.4	97.8	63	-4.2	62.5	0	0.0
1992	95	102.3	98.0	95	-4.1	61.6	0	0.0
1993	107	102.0	97.5	107	-3.2	27.8	0	0.0
1994	165	101.6	97.6	165	-3.4	33.2	0	0.0
1995	114	101.8	97.7	114	-3.4	27.9	0	0.0
1996	184	102.0	97.9	184	-3.9	54.2	0	0.0
1997	153	102.1	98.0	153	-3.0	14.2	0	0.0
1998	192	101.9	98.0	192	-2.8	5.4	0	0.0
1999	217	101.6	97.8	217	-3.0	13.6	0	0.0
2000	212	101.4	97.8	212	-2.8	-0.7	0	0.0
2001	236	101.5	97.4	236	-2.7	3.4	32	106.3
2002	181	101.8	97.2	181	-2.0	-19.8	40	106.3
2003	231	102.5	97.5	231	-1.7	-24.0	39	106.8
2004	262	102.4	97.3	262	-1.6	-25.7	36	106.2
2005	348	102.4	97.2	348	-1.3	-38.1	61	106.7
2006	355	102.9	97.0	355	-1.2	-43.6	39	107.2
2007	407	102.7	97.3	407	-0.9	-49.7	49	107.5
2008	407	102.4	96.8	407	-0.8	-52.5	47	107.6
2009	466	102.2	96.8	466	-0.6	-55.4	43	107.6
2010	448	102.4	97.1	449	-0.3	-61.3	33	108.5
2011	510	102.5	97.3	510	-0.1	-64.1	56	107.4
2012	520	103.2	97.8	520	0.0	-65.4	55	107.2
2013	559	103.1	97.6	559	0.1	-64.5	58	106.6
2014	528	102.9	97.3	529	0.2	-64.4	67	106.6

2015	434	103.5	97.2	434	0.5	-71.0	38	107.4
2016	356	103.4	96.6	356	0.5	-68.5	53	107.0
2017	272	103.3	95.9	272	0.7	-69.4	36	106.1
2018	116	103.7	96.2	116	0.7	-66.2	7	106.1

Tabel: 327 Montbéliard: Stofwisselingsaandoeningen
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	10	100.0	0	0.0	0	0.0	10	102.2
1985	17	100.0	0	0.0	0	0.0	17	101.9
1986	14	100.0	0	0.0	0	0.0	14	101.4
1987	22	100.0	0	0.0	0	0.0	22	101.2
1988	19	100.0	0	0.0	0	0.0	19	101.6
1989	33	100.0	0	0.0	0	0.0	33	101.2
1990	35	100.0	0	0.0	0	0.0	35	101.5
1991	26	100.0	0	0.0	0	0.0	26	101.6
1992	31	100.0	0	0.0	0	0.0	31	101.9
1993	51	100.0	0	0.0	0	0.0	51	100.9
1994	60	100.0	0	0.0	1	98.0	60	100.8
1995	37	100.0	0	0.0	0	0.0	37	101.1
1996	54	100.0	0	0.0	0	0.0	54	101.6
1997	75	100.0	1	101.0	1	97.0	75	101.5
1998	80	100.0	0	0.0	1	99.0	80	101.4
1999	68	100.0	0	0.0	0	0.0	68	101.4
2000	83	100.0	0	0.0	3	99.0	83	101.6
2001	69	100.0	0	0.0	0	0.0	69	101.2
2002	70	100.0	0	0.0	2	100.0	70	101.3
2003	96	100.0	0	0.0	0	0.0	96	100.9
2004	120	100.0	0	0.0	0	0.0	120	101.1
2005	151	100.0	0	0.0	0	0.0	151	101.2
2006	174	100.0	0	0.0	1	96.0	174	101.3
2007	211	99.9	1	101.0	2	98.5	211	101.3
2008	263	99.9	0	0.0	0	0.0	263	101.5
2009	322	99.9	0	0.0	0	0.0	322	101.4
2010	380	99.9	0	0.0	1	99.0	380	101.5
2011	444	99.9	0	0.0	0	0.0	444	101.5
2012	445	99.9	0	0.0	1	99.0	445	101.4
2013	486	99.9	0	0.0	1	99.0	486	101.5
2014	434	99.9	0	0.0	1	99.0	434	101.6
2015	359	99.9	0	0.0	0	0.0	359	101.6
2016	311	99.9	0	0.0	0	0.0	311	101.8
2017	219	99.9	0	0.0	0	0.0	219	101.8
2018	100	99.9	0	0.0	0	0.0	100	101.9

Tabel: 328 Montbéliard: Reproductiestoornissen
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1993	17	104.9	102.2	107.4	102.4	105.7	105.7
1994	26	104.9	102.3	107.3	102.3	105.7	105.9
1997	19	103.2	100.8	105.7	100.7	104.7	104.7
1998	16	103.8	100.8	106.6	101.0	105.1	105.3
1999	12	103.4	100.5	106.2	101.1	105.1	105.2
2001	11	103.6	101.1	106.6	101.4	105.4	104.6
2002	11	103.5	100.5	106.4	100.8	104.8	105.2

2003	15	103.5	100.3	106.5	100.7	104.9	105.0
2004	18	103.2	100.1	106.1	100.7	104.6	104.9
2005	29	103.4	100.9	106.2	100.8	104.5	104.7
2006	26	103.1	100.6	105.7	100.6	104.5	104.6
2007	38	103.2	100.7	105.9	100.8	104.5	104.5
2008	47	103.3	100.2	106.0	101.0	104.4	104.6
2009	58	103.0	100.3	105.9	100.6	104.5	104.8
2010	57	103.2	100.4	105.8	100.9	104.5	104.9
2011	67	103.1	100.2	105.8	100.6	104.6	104.9
2012	73	102.8	99.8	105.6	100.3	104.4	104.7
2013	53	102.4	99.6	105.5	100.0	104.1	104.6
2014	65	102.6	99.5	105.7	100.3	104.2	104.8
2015	54	102.8	99.6	105.9	100.5	104.1	104.7
2016	35	103.0	99.7	105.9	100.6	104.3	104.7
2017	18	103.3	100.2	106.5	100.9	104.6	104.6

Tabel: 329 Piemontese: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	20	94.5	101.4	92.9	95.1	91.5	84.5	74.0	93.7
1986	18	95.2	101.2	93.2	95.3	92.1	84.7	72.5	93.9
1987	28	95.2	101.2	93.2	95.5	91.9	85.1	76.4	94.1
1988	29	94.5	101.4	93.0	95.2	91.6	86.0	80.6	93.9
1989	63	93.4	101.4	91.7	94.7	90.2	84.0	78.8	93.0
1990	96	93.9	101.3	92.9	95.1	91.2	86.0	77.9	93.8
1991	181	94.6	101.5	93.2	95.4	91.7	85.9	77.0	94.0
1992	311	94.9	101.5	93.6	95.6	92.0	86.0	77.0	94.3
1993	396	95.2	102.0	94.0	96.0	92.4	85.7	76.0	94.8
1994	366	95.3	101.8	94.2	95.9	92.6	86.0	75.5	94.8
1995	366	95.4	102.0	94.5	96.2	92.9	85.9	76.0	95.1
1996	402	95.4	101.9	94.4	96.1	92.8	85.9	75.9	95.0
1997	394	95.5	102.0	94.4	96.2	92.8	85.7	75.8	95.1
1998	389	95.7	102.0	94.8	96.4	93.3	86.6	75.5	95.3
1999	399	95.6	102.1	94.9	96.4	93.3	87.0	76.0	95.4
2000	395	95.5	102.0	94.7	96.4	93.3	87.0	75.9	95.3
2001	371	95.7	102.0	94.8	96.5	93.4	86.8	76.0	95.4
2002	362	95.6	102.5	95.1	96.9	93.6	86.9	76.5	95.7
2003	321	95.5	102.1	94.7	96.5	93.3	86.7	76.6	95.4
2004	370	95.4	102.2	94.7	96.6	93.3	86.6	76.7	95.4
2005	356	95.0	102.2	94.5	96.4	92.9	86.6	77.5	95.2
2006	321	95.3	102.2	94.6	96.6	93.2	86.8	77.2	95.4
2007	344	95.4	102.6	95.1	97.0	93.5	87.0	77.1	95.8
2008	290	95.5	102.4	95.0	96.9	93.7	87.0	77.2	95.7
2009	315	95.4	102.3	94.9	96.7	93.4	86.9	77.6	95.6
2010	292	95.0	102.5	94.9	96.8	93.2	86.7	78.6	95.6
2011	264	95.3	102.4	94.9	96.9	93.5	86.8	77.8	95.7
2012	226	95.4	102.4	94.9	96.8	93.4	86.8	77.7	95.6
2013	257	95.2	102.4	94.8	96.9	93.3	86.7	78.2	95.6
2014	287	95.3	102.4	94.8	96.9	93.4	86.6	78.0	95.6
2015	213	95.3	102.5	94.9	97.0	93.3	86.5	78.3	95.7
2016	166	95.4	102.4	95.0	96.9	93.4	86.3	78.0	95.7
2017	78	95.0	102.7	94.5	96.8	92.9	85.8	77.5	95.4
2018	36	95.1	102.8	95.1	97.2	93.2	86.0	78.4	95.9

Tabel: 330 Piemonte: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	13	70.0	114.8	127.3	42.5	35.5	33.8
1990	22	69.4	115.8	128.0	51.3	41.2	38.4
1991	41	70.3	115.6	127.0	52.2	42.9	40.3
1992	40	70.4	117.2	127.3	56.8	45.8	43.7
1993	37	71.6	116.5	125.6	69.2	57.2	55.1
1994	54	70.0	117.1	127.9	74.4	61.7	59.5
1995	66	71.4	116.4	126.2	76.2	63.4	61.5
1996	75	71.8	117.3	126.0	74.5	61.8	60.1
1997	79	71.8	116.7	125.6	59.2	49.7	47.8
1998	92	71.2	118.1	126.6	75.1	62.5	60.7
1999	108	72.0	117.5	125.8	74.8	62.0	60.0
2000	119	72.9	116.4	124.6	75.8	63.5	61.7
2001	135	72.9	117.2	124.7	95.6	80.3	77.8
2002	139	72.8	116.8	124.7	89.0	74.2	72.0
2003	118	73.3	116.8	124.2	89.0	75.9	73.5
2004	164	72.8	117.2	124.9	93.4	79.0	76.8
2005	204	73.4	117.6	124.3	99.8	84.0	81.5
2006	169	73.6	118.0	124.1	103.1	87.5	84.8
2007	314	74.7	117.9	122.9	100.0	84.0	81.5
2008	317	74.8	118.3	122.8	97.1	80.7	77.9
2009	287	74.4	118.2	123.5	106.0	87.5	84.3
2010	282	74.7	117.4	123.1	103.1	85.4	81.7
2011	265	75.7	117.7	121.9	101.5	83.3	79.5
2012	225	75.4	117.4	122.3	101.2	82.7	78.9
2013	213	75.5	117.3	122.1	99.7	82.0	78.2
2014	235	74.9	117.4	122.6	100.7	82.1	78.5
2015	206	75.1	115.7	122.2	76.9	62.8	59.8
2016	191	76.9	115.8	120.2	72.9	59.8	56.7
2017	176	75.5	115.2	121.7	58.3	47.8	45.2
2018	139	77.1	115.3	119.8	47.4	39.4	37.4
2019	126	77.0	114.3	119.8	34.2	28.4	26.9
2020	91	77.7	114.5	118.9	31.2	26.1	24.8

Tabel: 331 Piemonte: 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	111.3	145.3	103.0	117.6	125.1	113.9	103.5	98.8	128.8	118.2	113.8
1989	22	111.0	146.5	104.8	117.7	126.0	114.8	102.6	98.3	130.8	120.0	114.1
1990	40	109.5	146.1	103.3	117.4	124.8	113.8	102.1	96.7	129.8	118.8	113.2
1991	82	109.9	146.2	104.0	117.5	125.2	113.9	102.1	97.4	130.3	119.1	113.5
1992	138	110.5	147.1	103.7	118.0	126.1	113.1	103.0	96.9	130.5	118.6	113.7
1993	170	109.8	146.3	104.0	116.8	125.7	113.2	102.5	96.7	129.9	118.4	112.5
1994	170	109.6	146.1	104.0	116.7	125.3	113.1	102.2	96.5	129.9	118.2	112.9
1995	179	109.8	146.7	104.2	117.2	125.5	113.5	102.3	96.7	130.3	118.6	113.2
1996	176	109.8	146.8	104.3	117.1	125.7	113.6	102.2	96.8	130.3	118.6	113.0
1997	185	109.8	147.0	104.4	117.2	125.7	113.7	102.0	96.9	130.4	118.9	113.0
1998	152	110.4	147.8	104.5	117.8	126.7	113.5	102.6	96.8	130.9	118.7	114.0
1999	191	110.6	148.1	104.5	118.2	126.8	113.8	102.7	96.8	131.2	118.9	114.4
2000	187	110.1	147.7	104.6	118.0	126.4	114.1	102.0	97.0	131.3	119.1	114.2
2001	186	110.3	148.4	104.6	118.7	126.8	115.0	101.9	97.2	132.0	119.7	114.9
2002	177	110.7	148.4	104.7	118.7	127.3	115.2	102.1	97.5	132.5	119.7	115.4
2003	158	110.7	148.6	104.8	119.0	127.2	115.1	102.2	97.4	132.5	119.9	115.7
2004	169	110.9	148.3	104.9	119.2	127.0	115.6	102.3	97.8	132.5	120.3	115.9

2005	162	111.1	149.3	105.4	119.8	127.3	115.8	102.4	97.6	133.3	120.5	116.7
2006	134	111.3	149.4	105.5	119.4	127.9	115.7	102.4	97.7	134.0	120.3	116.9
2007	124	111.0	149.7	105.0	119.8	127.6	115.6	102.2	97.4	133.8	120.1	116.8
2008	79	110.7	148.1	104.5	119.5	126.5	115.7	102.1	97.6	132.9	119.6	116.8
2009	66	111.1	148.6	104.6	120.4	126.8	115.9	102.5	97.6	133.0	119.9	117.3
2010	26	111.2	148.7	103.7	121.7	125.7	116.5	102.8	97.4	133.3	119.7	119.1

Tabel: 332 Blonde d'Aquitaine: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	42	97.7	97.8	92.9	93.1	93.5	79.4	52.4	92.7
1981	15	96.5	97.5	92.0	92.4	92.5	78.1	52.9	92.0
1982	22	97.8	97.5	93.0	93.1	93.8	79.5	52.0	92.9
1983	15	96.1	97.6	91.5	92.5	92.3	78.7	53.7	91.7
1984	29	97.1	97.7	92.3	93.0	93.1	78.6	52.5	92.4
1985	66	97.0	97.9	92.3	93.0	92.9	79.2	53.3	92.3
1986	85	96.5	98.8	92.9	93.6	93.1	79.4	53.9	93.0
1987	137	96.9	97.8	92.1	92.8	92.8	79.4	53.8	92.2
1988	215	96.3	98.1	92.0	92.9	92.4	80.2	56.0	92.1
1989	411	97.0	97.8	92.4	92.9	92.9	80.3	56.2	92.4
1990	562	96.4	98.1	92.3	93.1	92.5	79.9	59.4	92.4
1991	807	96.8	97.8	92.4	93.0	92.8	79.6	58.2	92.5
1992	1172	96.6	97.8	92.2	93.0	92.6	79.4	58.3	92.3
1993	1157	96.3	98.3	92.4	93.3	92.6	79.2	58.8	92.6
1994	984	96.4	98.1	92.3	93.2	92.6	79.1	58.7	92.5
1995	1121	96.5	98.1	92.5	93.3	92.7	79.1	58.7	92.6
1996	1061	96.3	98.3	92.4	93.3	92.6	78.7	57.7	92.6
1997	1097	96.4	98.1	92.4	93.3	92.7	78.7	57.3	92.6
1998	998	96.2	98.3	92.4	93.4	92.6	78.7	57.7	92.6
1999	943	96.5	98.1	92.5	93.3	92.8	78.9	57.2	92.6
2000	989	96.4	98.4	92.6	93.6	92.9	79.1	57.4	92.8
2001	939	96.2	98.6	92.5	93.6	92.7	78.9	57.4	92.8
2002	872	96.3	98.7	92.6	93.7	92.8	79.0	57.4	92.9
2003	923	96.3	98.5	92.3	93.5	92.7	78.9	57.0	92.7
2004	957	96.2	98.3	92.2	93.3	92.6	78.9	57.2	92.5
2005	994	95.8	98.5	92.0	93.4	92.3	78.6	57.1	92.4
2006	1033	95.9	98.5	92.0	93.4	92.4	78.8	57.2	92.4
2007	986	95.8	98.4	91.9	93.3	92.3	78.7	57.2	92.3
2008	1045	95.9	98.4	91.9	93.3	92.3	78.9	57.5	92.4
2009	1001	95.9	98.3	91.8	93.3	92.3	78.9	57.6	92.3
2010	953	95.7	98.3	91.8	93.2	92.2	78.9	57.7	92.2
2011	909	95.9	98.3	92.0	93.3	92.4	79.3	58.0	92.4
2012	849	95.9	98.3	91.9	93.2	92.4	79.1	57.9	92.3
2013	836	96.0	98.3	92.0	93.3	92.4	79.1	57.8	92.4
2014	765	95.9	98.3	92.0	93.3	92.4	79.2	58.4	92.4
2015	676	96.0	98.2	92.0	93.3	92.5	79.3	58.4	92.4
2016	400	96.0	98.0	91.9	93.1	92.4	79.3	58.5	92.2
2017	124	96.2	98.1	92.0	93.3	92.5	79.0	58.0	92.4
2018	60	96.1	98.1	92.2	93.3	92.7	79.3	58.4	92.5

Tabel: 333 Blonde d'Aquitaine: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12	67.9	124.2	140.2	10.9	7.2	6.5

1985	11	66.6	125.3	141.5	11.9	7.8	6.9
1987	23	65.6	125.7	142.5	11.6	7.5	7.0
1988	28	65.4	124.9	142.8	4.6	3.1	2.8
1989	45	65.0	125.5	143.3	11.8	7.6	6.9
1990	47	64.8	125.0	143.6	19.9	12.8	11.7
1991	62	64.5	125.4	143.8	12.9	8.3	7.4
1992	100	65.4	125.7	142.7	23.9	15.4	13.7
1993	117	66.1	125.6	141.9	29.7	19.1	17.1
1994	94	66.0	125.4	142.1	40.8	26.5	23.6
1995	91	66.9	124.6	141.1	32.1	20.6	18.6
1996	86	67.2	125.1	140.9	35.7	23.0	20.2
1997	115	67.9	124.8	139.9	32.4	20.9	18.8
1998	129	67.6	124.8	140.3	51.6	33.5	30.1
1999	134	67.2	125.1	140.7	49.4	32.3	28.8
2000	137	67.7	124.8	140.3	60.2	39.1	35.1
2001	174	68.5	125.0	139.4	70.7	46.3	41.5
2002	149	69.2	124.3	138.5	77.4	50.6	44.9
2003	181	68.6	124.9	139.1	73.0	47.9	42.7
2004	235	68.5	125.2	139.2	87.6	57.2	51.1
2005	298	68.5	125.5	139.3	101.0	66.1	59.9
2006	255	68.5	125.4	139.1	87.9	57.6	52.3
2007	427	70.1	125.9	137.3	96.4	63.3	57.0
2008	486	70.6	126.0	136.7	104.8	69.4	62.4
2009	419	70.3	125.9	137.0	95.1	62.7	56.6
2010	413	69.9	125.4	137.4	101.9	67.1	60.2
2011	415	69.5	125.1	138.0	103.4	67.3	60.1
2012	400	69.1	124.9	138.4	98.5	63.7	56.9
2013	369	68.5	124.9	139.2	99.6	64.7	57.8
2014	405	68.9	124.2	138.7	101.4	66.7	59.6
2015	330	68.4	123.7	139.3	103.2	67.5	60.0
2016	333	67.6	124.2	140.3	84.1	55.0	48.8
2017	315	68.3	124.1	139.5	71.8	46.8	41.6
2018	240	69.1	123.8	138.5	53.3	35.3	31.2
2019	218	68.2	123.7	139.5	39.5	26.1	23.0
2020	172	67.6	123.8	140.4	28.3	19.1	16.8

Tabel: 334 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	117.2	149.5	106.7	131.5	131.2	115.7	107.2	102.5	131.5	119.3	123.0
1985	12	116.9	148.7	106.7	133.2	128.1	116.4	107.8	102.0	130.7	119.8	125.2
1986	15	115.9	147.7	105.2	131.9	127.3	115.3	107.1	100.9	130.7	117.5	124.6
1987	30	116.9	148.9	106.2	133.8	127.8	116.6	107.8	101.9	130.5	119.4	125.7
1988	41	116.6	148.3	106.7	133.3	128.1	116.7	107.3	102.1	130.0	119.5	125.0
1989	86	116.5	149.3	106.7	133.5	128.4	116.7	107.3	101.8	130.7	119.7	124.8
1990	98	116.2	149.0	106.6	133.0	127.9	116.6	107.0	101.8	130.4	119.6	124.4
1991	231	115.5	148.7	106.5	132.5	127.9	116.3	106.5	101.2	129.8	119.4	123.4
1992	341	115.7	149.2	106.9	132.7	128.5	116.6	106.5	101.3	130.4	119.8	123.5
1993	352	116.1	149.3	106.9	133.2	128.6	116.5	106.9	101.5	130.2	119.9	124.0
1994	246	116.4	149.0	107.0	133.4	128.3	116.7	107.2	101.9	129.8	120.0	124.2
1995	230	116.5	149.7	106.7	133.7	128.7	116.5	107.2	101.8	130.3	119.7	124.2
1996	227	115.9	148.8	106.8	132.4	128.4	116.2	106.6	101.9	129.8	119.5	122.7
1997	256	116.6	149.7	106.9	133.0	129.2	116.0	107.0	102.2	130.4	119.2	123.3
1998	242	116.7	150.0	107.3	133.3	129.6	116.4	107.1	102.4	130.7	119.8	123.4
1999	257	117.2	150.3	106.9	133.8	129.7	116.3	107.5	102.7	130.7	119.6	124.0
2000	274	116.7	149.8	106.4	133.4	129.2	116.2	107.2	102.4	130.5	119.4	123.7
2001	265	116.6	149.8	106.3	133.3	129.4	116.1	107.1	102.2	130.6	119.2	123.7
2002	216	116.7	149.4	106.8	132.8	129.6	116.4	107.1	102.4	130.6	119.5	123.6
2003	211	117.0	149.1	107.1	132.5	129.5	115.7	107.4	102.9	130.3	119.2	123.4

2004	245	117.3	148.6	107.2	132.1	129.4	115.4	107.8	102.8	130.2	118.7	123.9
2005	231	116.8	148.0	107.5	132.2	128.6	115.8	107.5	102.5	129.7	119.0	124.0
2006	172	116.8	147.5	107.8	131.3	128.9	115.6	107.5	102.4	129.8	118.8	123.7
2007	172	116.7	147.5	107.5	131.6	128.8	115.5	107.7	102.0	129.7	118.9	123.9
2008	126	116.8	147.6	107.4	131.2	129.1	115.2	107.7	101.9	129.8	118.7	123.4
2009	100	116.7	147.3	107.3	131.5	128.3	115.0	107.9	102.1	129.3	118.7	123.6
2010	37	116.6	147.8	107.3	131.4	128.8	115.2	107.5	101.8	130.1	118.8	123.7
2011	22	117.9	149.4	107.1	134.6	128.2	115.7	109.0	102.2	130.4	118.4	126.8

Tabel: 335 Blonde d'Aquitaine: Reproductiestoornissen
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
2014	11	101.3	99.0	102.6	100.0	100.7	101.7