

Genetische trends van koeien in Nederland

Datum: 23-08-2019

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
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 = Bepiering
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 = Klauwgezondheidsindex

Bv = Bevangenheid
 Mo = Mortellaro
 Sp = Stinkpoot
 Zz = Zoolzweer
 Ty = Tyloom
 Wld = Wittelij n defect
 LVg = Index Levensvatbaarheid
 LVa = Index Maternale Levensvatbaarheid
 LVg1 = Directe levensvatbaarheid vaarzen
 LVa1 = Maternale levensvatbaarheid vaarzen
 LVg2 = Directe levensvatbaarheid koeien
 LVa2 = Maternale levensvatbaarheid koeien
 Geb = Direct geboorteverloop
 DDt = Directe draagtijd
 DGw = Direct geboortegewicht
 Afk = Maternaal afkalfgemak
 MDt = Maternale draagtijd
 MGw = Maternaal geboortegewicht
 Gin = Geboorteindex
 Be_ko = Beveleedheid koe
 Ve_ko = Vetbedekking koe
 Gw_ko = Gewicht koe
 Be_ka = Beveleedheid kalf
 Ve_ka = Vetbedekking kalf
 Gr_ka = Groei kalf
 Vlkl = Vleeskleur kalf
 Be_st = Beveleedheid stier
 Ve_st = Vetbedekking stier
 Gr_st = Groei stier
 Vlin = Vleesindex
 KaVi1 = Kalvervitaliteit gedurende opfok
 KaVi2 = Kalvervitaliteit gedurende opfok dag 3-14
 KaVi3 = Kalvervitaliteit mestkalveren
 LPin = Levensproductie index
 LPkgM = Levensproductie kg melk
 LPkgV = Levensproductie kg vet
 LPkgE = Levensproductie kg eiwit
 Eff = AMS Efficiency
 Int = AMS Interval
 Gewen = AMS Gewenning
 Pers = Persistentie
 RTM = Laatrijphheid
 DSopn = Kg droge stof opname
 Gew = Lichaamsgewicht

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
 Overige Friesian
 Maas Rijn IJssel
 MRIJ - Holstein Friesian roodbont
 Jersey
 Lakenvelder - zwartbont
 Lakenvelder - roodbont
 Blaarkop - zwartbont
 Verbeterd Roodbont
 Belgisch Blauw Mixt
 Witrood
 Belgisch Blauw
 British Friesian

Brand rood
Fleck Vieh
Brown Swiss
Zweeds Roodbont
Angler
Montbéliard
Piemontese
Blonde d'Aquitaine
Normande

Inhoudsopgave (Nederland)

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Tabel: 244 Belgisch Blauw, basis B: Exterieurkenmerken bouw
Tabel: 245 Belgisch Blauw, basis B: Exterieurkenmerken beenwerk
Tabel: 246 Belgisch Blauw, basis B: Exterieurkenmerken uier
Tabel: 247 Belgisch Blauw, basis B: Exterieurkenmerken bovenbalk
Tabel: 248 Belgisch Blauw, basis B: Vruchtbaarheidskenmerken
Tabel: 249 Belgisch Blauw, basis B: NVI met onderliggende kenmerken
Tabel: 250 Belgisch Blauw, basis B: Levensvatbaarheidskenmerken
Tabel: 251 Belgisch Blauw, basis B: Geboortekenmerken
Tabel: 252 Belgisch Blauw, basis B: Vleeskenmerken
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Tabel: 254 British Friesian, basis Y: Melkproductiekenmerken
Tabel: 255 British Friesian, basis Y: Exterieurkenmerken bouw
Tabel: 256 British Friesian, basis Y: Exterieurkenmerken beenwerk
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Tabel: 261 British Friesian, basis Y: NVI met onderliggende kenmerken
Tabel: 262 British Friesian, basis Y: Levensvatbaarheidskenmerken
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Tabel: 270 Brand rood, basis Y: Levensvatbaarheidskenmerken
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Tabel: 283 Fleck Vieh, basis Y: NVI met onderliggende kenmerken
Tabel: 284 Fleck Vieh, basis Y: Klauwgezondheidskenmerken
Tabel: 285 Fleck Vieh, basis Y: Levensvatbaarheidskenmerken
Tabel: 286 Fleck Vieh, basis Y: Geboortekenmerken
Tabel: 287 Fleck Vieh, basis Y: Vleeskenmerken
Tabel: 288 Fleck Vieh, basis Y: Kalvervitaliteit

Tabel: 289 Fleck Vieh, basis Y: Levensproductiekenmerken
Tabel: 290 Fleck Vieh, basis Y: Robot / AMS kenmerken
Tabel: 291 Fleck Vieh, basis Y: Overige productie en efficiency kenm.
Tabel: 292 Brown Swiss, basis R: Melkproductiekenmerken
Tabel: 293 Brown Swiss, basis R: Exterieurkenmerken bouw
Tabel: 294 Brown Swiss, basis R: Exterieurkenmerken beenwerk
Tabel: 295 Brown Swiss, basis R: Exterieurkenmerken uier
Tabel: 296 Brown Swiss, basis R: Exterieurkenmerken bovenbalk
Tabel: 297 Brown Swiss, basis R: Vruchtbaarheidskenmerken
Tabel: 298 Brown Swiss, basis R: Gebruikskkenmerken
Tabel: 299 Brown Swiss, basis R: NVI met onderliggende kenmerken
Tabel: 300 Brown Swiss, basis R: Klauwgezondheidskenmerken
Tabel: 301 Brown Swiss, basis R: Levensvatbaarheidskenmerken
Tabel: 302 Brown Swiss, basis R: Geboortekenmerken
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Tabel: 304 Brown Swiss, basis R: Kalvervitaliteit
Tabel: 305 Brown Swiss, basis R: Levensproductiekenmerken
Tabel: 306 Brown Swiss, basis R: Robot / AMS kenmerken
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Tabel: 308 Zweeds Roodbont, basis R: Melkproductiekenmerken
Tabel: 309 Zweeds Roodbont, basis R: Exterieurkenmerken bouw
Tabel: 310 Zweeds Roodbont, basis R: Exterieurkenmerken beenwerk
Tabel: 311 Zweeds Roodbont, basis R: Exterieurkenmerken uier
Tabel: 312 Zweeds Roodbont, basis R: Exterieurkenmerken bovenbalk
Tabel: 313 Zweeds Roodbont, basis R: Vruchtbaarheidskenmerken
Tabel: 314 Zweeds Roodbont, basis R: NVI met onderliggende kenmerken
Tabel: 315 Zweeds Roodbont, basis R: Levensvatbaarheidskenmerken
Tabel: 316 Zweeds Roodbont, basis R: Geboortekenmerken
Tabel: 317 Zweeds Roodbont, basis R: Kalvervitaliteit
Tabel: 318 Zweeds Roodbont, basis R: Levensproductiekenmerken
Tabel: 319 Zweeds Roodbont, basis R: Overige productie en efficiency kenm.
Tabel: 320 Angler, basis R: Melkproductiekenmerken
Tabel: 321 Angler, basis R: Exterieurkenmerken bouw
Tabel: 322 Angler, basis R: Exterieurkenmerken beenwerk
Tabel: 323 Angler, basis R: Exterieurkenmerken uier
Tabel: 324 Angler, basis R: Exterieurkenmerken bovenbalk
Tabel: 325 Angler, basis R: Vruchtbaarheidskenmerken
Tabel: 326 Angler, basis R: NVI met onderliggende kenmerken
Tabel: 327 Angler, basis R: Overige productie en efficiency kenm.
Tabel: 328 Montbéliard, basis R: Melkproductiekenmerken
Tabel: 329 Montbéliard, basis R: Exterieurkenmerken bouw
Tabel: 330 Montbéliard, basis R: Exterieurkenmerken beenwerk
Tabel: 331 Montbéliard, basis R: Exterieurkenmerken uier
Tabel: 332 Montbéliard, basis R: Exterieurkenmerken bovenbalk
Tabel: 333 Montbéliard, basis R: Vruchtbaarheidskenmerken
Tabel: 334 Montbéliard, basis R: Gebruikskkenmerken
Tabel: 335 Montbéliard, basis R: NVI met onderliggende kenmerken
Tabel: 336 Montbéliard, basis R: Klauwgezondheidskenmerken
Tabel: 337 Montbéliard, basis R: Levensvatbaarheidskenmerken
Tabel: 338 Montbéliard, basis R: Geboortekenmerken
Tabel: 339 Montbéliard, basis R: Vleeskenmerken
Tabel: 340 Montbéliard, basis R: Kalvervitaliteit
Tabel: 341 Montbéliard, basis R: Levensproductiekenmerken
Tabel: 342 Montbéliard, basis R: Robot / AMS kenmerken
Tabel: 343 Montbéliard, basis R: Overige productie en efficiency kenm.
Tabel: 344 Piemontese, basis Y: Vruchtbaarheidskenmerken
Tabel: 345 Piemontese, basis Y: Geboortekenmerken
Tabel: 346 Piemontese, basis Y: Vleeskenmerken
Tabel: 347 Blonde d'Aquitaine, basis Y: Vruchtbaarheidskenmerken
Tabel: 348 Blonde d'Aquitaine, basis Y: Geboortekenmerken
Tabel: 349 Blonde d'Aquitaine, basis Y: Vleeskenmerken
Tabel: 350 Normande, basis R: Melkproductiekenmerken
Tabel: 351 Normande, basis R: Vruchtbaarheidskenmerken
Tabel: 352 Normande, basis R: NVI met onderliggende kenmerken

Tabel: 353 Normande, basis R: Overige productie en efficiency kenm.

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	2281	-2309.1	-74.8	-82.7	-107.7	37.3	-3.0	-3.6	-534.8
1981	2792	-2236.1	-72.8	-81.2	-104.1	35.4	-4.5	-3.2	-522.7
1982	3214	-2124.8	-67.5	-77.4	-98.4	35.7	-4.5	-2.2	-492.5
1983	4859	-2059.6	-63.1	-75.6	-94.4	37.5	-5.2	-0.7	-473.9
1984	7638	-2055.2	-61.4	-75.1	-94.0	39.9	-4.5	-0.3	-465.3
1985	12264	-2075.2	-60.1	-73.9	-94.6	43.4	-1.6	0.1	-457.1
1986	19934	-2048.8	-57.8	-71.3	-93.2	45.3	1.0	0.3	-441.8
1987	34286	-1967.0	-55.3	-68.1	-89.4	43.2	1.4	0.5	-422.4
1988	61846	-1888.2	-52.6	-65.2	-85.7	42.0	1.7	0.6	-403.3
1989	91612	-1800.7	-48.4	-62.4	-81.7	42.1	1.4	0.6	-381.7
1990	118107	-1699.6	-46.6	-59.5	-77.1	37.9	0.5	0.6	-364.8
1991	131459	-1527.4	-41.6	-53.5	-69.2	33.9	0.4	0.6	-327.5
1992	153019	-1382.1	-39.2	-49.5	-62.6	27.9	-1.0	0.6	-303.9
1993	182331	-1295.9	-37.3	-46.4	-58.7	25.3	-1.0	0.6	-286.2
1994	197016	-1175.2	-35.1	-42.7	-53.2	21.0	-1.6	0.6	-265.0
1995	234644	-1032.3	-29.6	-37.6	-46.7	19.9	-1.4	0.5	-230.3
1996	237546	-929.9	-27.1	-33.8	-42.0	17.2	-1.1	0.5	-208.3
1997	237317	-870.8	-23.4	-31.0	-39.3	18.6	-0.1	0.5	-188.0
1998	245970	-803.6	-21.0	-28.4	-36.3	17.9	0.2	0.5	-171.3
1999	250420	-775.8	-18.3	-26.4	-35.0	19.8	1.6	0.5	-157.2
2000	241399	-638.1	-15.4	-22.6	-29.0	16.0	0.3	0.1	-133.9
2001	245370	-600.6	-14.1	-20.9	-28.7	15.5	0.9	-1.4	-123.8
2002	230243	-488.2	-13.6	-18.2	-24.0	10.1	-0.7	-2.0	-110.6
2003	230327	-460.7	-11.1	-17.3	-23.5	11.5	-0.8	-2.9	-101.4
2004	232753	-379.6	-8.6	-13.9	-19.3	10.2	-0.2	-2.3	-81.0
2005	231251	-334.5	-7.6	-12.2	-17.0	9.1	-0.0	-2.0	-71.1
2006	247259	-238.2	-6.4	-8.7	-11.7	5.6	0.2	-0.9	-52.4
2007	237317	-157.3	-5.0	-5.9	-7.6	3.2	0.1	-0.5	-37.0
2008	247532	-116.6	-4.1	-4.5	-5.7	2.2	0.2	-0.4	-28.5
2009	241488	-63.2	-2.4	-2.4	-3.1	1.5	0.4	-0.2	-15.6
2010	236857	-17.3	0.4	-0.1	-0.8	2.4	1.2	-0.0	0.2
2011	237375	40.9	3.1	2.3	2.6	2.7	1.6	0.8	16.9
2012	240730	72.0	4.2	4.0	3.9	2.4	2.3	0.6	26.5
2013	253140	111.1	6.4	5.9	5.7	3.0	2.9	0.7	39.4
2014	249938	201.7	9.7	8.8	9.5	2.4	2.5	0.4	59.3
2015	226419	301.5	14.6	12.2	14.1	3.0	2.5	0.4	85.1
2016	200122	391.3	19.5	16.1	18.2	4.1	3.3	0.4	112.4
2017	58188	460.3	22.7	19.1	21.8	4.2	3.7	0.8	132.3

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	2714	88.0	96.3	88.4	88.5	101.7	97.2	94.5
1981	3222	88.8	97.1	89.7	90.0	102.0	97.1	95.1
1982	3670	89.6	97.2	90.9	91.1	102.3	96.4	95.0
1983	5593	89.7	97.3	91.2	91.4	102.4	96.3	95.2
1984	8085	89.7	97.5	91.8	91.9	102.9	96.2	95.4

1985	12005	89.7	97.6	92.1	92.2	103.1	96.1	95.5
1986	17756	89.8	97.8	92.4	92.4	103.1	95.7	95.4
1987	26986	90.3	97.7	93.0	92.8	102.7	95.7	96.3
1988	41144	90.5	97.8	93.6	93.2	102.5	95.8	96.7
1989	56360	91.0	97.8	93.9	93.5	102.0	96.2	96.9
1990	72212	91.3	97.3	94.1	93.7	101.6	96.8	96.9
1991	81375	92.0	98.0	94.5	94.2	101.3	96.8	96.7
1992	96729	92.6	98.3	95.1	94.7	101.1	97.0	96.9
1993	109160	92.7	98.0	94.9	94.4	100.7	97.0	97.0
1994	114768	93.1	97.9	95.4	95.0	100.3	97.6	97.4
1995	135745	93.3	97.5	95.3	95.1	100.0	97.3	96.7
1996	137190	93.6	97.9	95.8	95.6	99.9	97.5	96.6
1997	136436	94.2	97.9	96.1	96.1	99.7	97.9	96.7
1998	140312	94.4	98.1	96.4	96.2	99.7	97.8	96.7
1999	141056	94.8	98.1	96.7	96.6	99.5	98.3	96.9
2000	136473	95.6	98.2	97.2	97.0	99.2	98.8	97.6
2001	135643	95.9	98.0	97.2	97.3	99.3	98.6	97.5
2002	128015	96.3	98.1	97.5	97.8	99.0	99.0	97.5
2003	129348	96.8	98.3	98.0	98.3	98.9	99.2	97.9
2004	131005	97.2	98.4	98.1	98.3	98.9	99.6	97.9
2005	128766	97.9	98.6	98.4	98.7	98.7	100.0	98.3
2006	132740	98.6	99.3	99.1	99.0	99.3	100.1	98.9
2007	124419	99.0	99.6	99.5	99.4	99.4	100.3	99.3
2008	127141	99.3	99.8	99.6	99.6	99.6	100.3	99.7
2009	125956	99.6	99.8	99.8	99.7	99.9	100.2	99.8
2010	123456	99.8	100.1	100.0	99.9	100.1	100.0	99.8
2011	120703	100.3	100.5	100.2	100.2	100.7	99.9	99.9
2012	119314	101.0	100.7	100.5	100.6	100.8	100.0	100.1
2013	120430	101.3	100.7	100.7	101.1	100.7	100.0	100.1
2014	115077	102.0	100.9	101.0	101.7	100.7	100.5	100.2
2015	101416	102.3	101.0	101.2	102.0	101.0	100.5	100.3
2016	85138	102.5	101.3	101.3	102.3	101.2	100.4	100.5
2017	14071	103.2	101.5	101.6	102.7	101.3	100.3	100.8

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

Jaar	Aantal	BA	BZ	KH	BG
1980	2714	92.1	100.5	90.8	90.3
1981	3222	93.6	99.9	91.8	91.1
1982	3670	94.3	100.5	92.8	91.8
1983	5593	94.7	100.9	93.5	92.4
1984	8085	94.7	101.1	94.2	92.3
1985	12005	94.9	101.1	94.6	92.5
1986	17756	95.3	101.0	94.8	92.9
1987	26986	95.6	101.5	94.9	93.0
1988	41144	95.7	102.0	94.7	93.0
1989	56360	96.0	102.1	95.1	93.3
1990	72212	95.7	102.0	94.9	93.3
1991	81375	95.9	102.2	95.0	94.0
1992	96729	96.0	102.3	95.0	94.4
1993	109160	96.5	102.0	95.3	94.7
1994	114768	96.6	101.9	95.8	94.9
1995	135745	96.9	101.8	96.0	95.7
1996	137190	96.8	102.0	96.0	95.9
1997	136436	97.0	102.1	95.8	96.4
1998	140312	97.0	102.1	96.1	96.6
1999	141056	97.1	102.3	96.0	96.6
2000	136473	97.3	102.0	96.2	96.8
2001	135643	97.6	101.6	96.6	97.3

2002	128015	97.8	101.4	96.8	97.7
2003	129348	98.4	101.9	96.7	98.2
2004	131005	98.5	101.5	97.6	98.3
2005	128766	99.0	101.6	97.9	98.7
2006	132740	99.1	100.9	98.6	99.0
2007	124419	99.4	100.4	99.0	99.3
2008	127141	99.6	100.4	99.3	99.6
2009	125956	99.7	100.1	99.7	99.8
2010	123456	100.0	99.9	100.0	100.1
2011	120703	100.1	99.6	100.3	100.1
2012	119314	100.5	99.6	100.4	100.6
2013	120430	100.9	99.7	100.3	101.1
2014	115077	101.8	99.7	100.4	101.9
2015	101416	102.5	99.4	100.8	102.5
2016	85138	103.5	99.4	101.1	103.5
2017	14071	104.0	99.3	101.5	103.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	2714	93.1	91.2	99.6	95.4	87.0	91.4	90.0
1981	3222	92.7	91.4	99.8	95.6	87.0	91.8	90.4
1982	3670	93.7	91.9	99.7	95.7	87.9	92.2	91.3
1983	5593	93.8	91.9	99.9	95.6	88.1	92.4	91.2
1984	8085	93.6	91.7	100.0	95.1	88.6	92.2	91.3
1985	12005	93.7	91.3	100.0	95.3	89.2	92.1	91.0
1986	17756	93.8	91.4	100.1	95.2	89.7	92.4	91.3
1987	26986	93.7	92.0	99.9	94.8	90.2	93.1	91.8
1988	41144	93.8	92.4	99.9	94.3	90.5	93.3	92.1
1989	56360	94.1	93.1	99.9	94.7	90.8	93.8	92.6
1990	72212	94.3	93.5	99.6	94.9	91.0	94.4	93.2
1991	81375	94.5	93.6	100.4	95.1	92.3	94.9	93.5
1992	96729	94.6	94.0	100.7	95.1	92.9	95.5	94.1
1993	109160	94.2	94.0	100.6	95.1	93.2	95.8	94.4
1994	114768	94.4	94.6	100.7	95.1	93.5	95.9	95.2
1995	135745	94.6	94.8	101.4	95.2	94.3	96.1	95.4
1996	137190	95.0	95.1	101.3	95.3	94.5	96.5	95.8
1997	136436	95.6	95.0	101.2	95.7	95.2	96.8	96.1
1998	140312	95.7	95.3	101.1	95.7	95.2	96.7	96.3
1999	141056	96.0	95.6	101.1	95.9	95.6	97.0	96.6
2000	136473	96.1	96.3	100.8	96.1	96.1	97.3	97.1
2001	135643	96.2	96.6	101.1	96.3	96.6	97.1	97.2
2002	128015	96.6	97.3	101.1	96.6	96.7	97.1	97.2
2003	129348	97.3	97.5	100.8	97.1	97.2	97.8	97.9
2004	131005	97.7	97.8	101.0	97.5	98.1	98.5	98.6
2005	128766	98.0	98.3	101.0	97.7	98.3	98.8	99.1
2006	132740	98.5	99.0	101.0	98.2	98.6	99.1	99.3
2007	124419	98.9	99.3	100.9	98.7	99.0	99.2	99.5
2008	127141	99.3	99.7	100.6	99.0	99.4	99.6	99.9
2009	125956	99.5	99.6	100.4	99.5	99.6	99.7	99.6
2010	123456	99.9	100.0	100.0	99.9	99.8	99.9	99.9
2011	120703	100.4	100.6	99.5	100.4	100.0	99.9	100.0
2012	119314	101.0	101.0	99.5	101.3	100.7	100.1	100.3
2013	120430	101.4	101.1	99.6	101.6	101.1	100.1	100.4
2014	115077	101.8	101.4	99.9	102.2	102.0	100.6	100.8
2015	101416	102.3	101.8	100.0	102.7	102.8	101.0	101.0
2016	85138	102.9	102.2	100.0	103.1	103.4	101.0	101.1
2017	14071	103.4	102.3	100.1	103.6	103.7	101.0	101.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2714	90.5	90.1	89.8	88.8	0.0	84.4
1981	3222	91.5	91.9	89.8	89.9	0.0	85.5
1982	3670	91.5	93.2	90.6	90.8	0.0	86.6
1983	5593	91.7	93.7	90.8	91.5	0.0	87.1
1984	8085	92.0	94.5	90.6	91.5	0.0	87.3
1985	12005	92.2	95.0	90.9	91.8	0.0	87.7
1986	17756	92.0	95.2	91.1	92.2	0.0	88.1
1987	26986	92.7	95.6	91.4	92.4	0.0	88.5
1988	41144	93.2	96.0	91.4	92.4	0.0	88.7
1989	56360	93.6	95.9	91.9	92.8	0.0	89.3
1990	72212	93.8	95.7	92.1	92.6	0.0	89.4
1991	81375	94.0	96.1	92.9	93.3	0.0	90.3
1992	96729	94.6	96.5	93.2	93.6	0.0	90.9
1993	109160	94.5	96.0	93.2	94.0	0.0	91.0
1994	114768	95.1	96.3	93.3	94.2	0.0	91.4
1995	135745	94.4	96.0	93.7	94.9	0.0	91.7
1996	137190	94.8	96.3	94.0	95.1	0.0	92.1
1997	136436	95.1	96.7	94.6	95.5	0.0	92.8
1998	140312	95.3	96.8	94.6	95.7	0.0	93.0
1999	141056	95.7	97.1	95.0	95.7	0.0	93.3
2000	136473	96.5	97.4	95.2	95.9	0.0	93.9
2001	135643	96.3	97.5	95.6	96.4	0.0	94.3
2002	128015	96.7	97.7	95.9	96.8	0.0	94.8
2003	129348	97.2	98.1	96.5	97.3	0.0	95.6
2004	131005	97.5	98.1	97.2	97.6	0.0	96.2
2005	128766	98.0	98.4	97.5	98.1	0.0	96.8
2006	132740	98.7	99.1	98.0	98.4	0.0	97.6
2007	124419	99.3	99.6	98.5	98.8	0.0	98.3
2008	127141	99.6	99.9	99.0	99.1	0.0	98.8
2009	125956	99.7	100.2	99.4	99.3	0.0	99.2
2010	123456	99.7	100.4	99.8	99.6	0.0	99.6
2011	120703	99.9	100.9	100.2	99.7	0.0	100.1
2012	119314	100.1	101.4	101.0	100.1	0.0	100.9
2013	120430	100.2	101.6	101.4	100.6	0.0	101.4
2014	115077	100.7	102.0	102.2	101.4	0.0	102.4
2015	101416	100.8	102.4	103.0	102.1	0.0	103.3
2016	85138	100.9	102.7	103.5	103.1	0.0	104.2
2017	14071	101.2	103.0	104.1	103.6	0.0	104.9

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	3683	104.6	104.4	104.4	105.3	102.4	101.5	90.2	105.1
1981	4532	104.0	104.2	104.2	105.0	102.2	101.8	92.0	104.9
1982	5302	103.6	103.7	103.4	104.2	101.5	101.1	91.6	104.0
1983	8030	103.5	103.6	103.4	104.0	101.5	101.0	92.0	104.0
1984	11929	103.7	103.5	103.5	104.1	101.7	101.0	91.6	104.0
1985	17990	103.7	103.4	103.4	104.0	101.7	100.8	91.2	103.9
1986	28041	103.6	103.1	103.2	103.7	101.5	100.4	91.2	103.6
1987	46438	103.6	103.0	103.0	103.6	101.5	101.4	91.7	103.5
1988	74439	103.5	102.4	102.6	103.0	101.2	101.3	91.8	103.0

1989	107244	103.2	102.1	102.2	102.6	100.9	100.8	92.6	102.6
1990	140122	102.9	101.9	102.2	102.5	100.9	100.7	93.0	102.5
1991	162933	102.5	101.5	101.4	101.8	100.4	100.7	93.5	101.8
1992	187312	102.2	101.3	101.2	101.6	100.2	100.9	94.1	101.5
1993	223082	102.4	100.8	101.1	101.1	100.3	100.8	94.3	101.2
1994	248356	102.0	100.5	100.9	100.8	100.3	100.6	94.8	100.9
1995	282397	101.9	99.9	100.4	100.1	100.0	100.5	95.0	100.3
1996	288184	101.4	100.0	100.2	100.0	99.8	100.3	95.3	100.1
1997	287641	101.1	99.9	99.9	99.8	99.6	100.0	95.6	99.9
1998	299159	100.6	99.8	99.5	99.5	99.2	99.9	96.2	99.5
1999	292298	100.7	99.3	99.4	99.2	99.2	99.9	96.2	99.3
2000	282317	100.3	99.3	99.1	98.9	98.9	99.6	96.7	99.0
2001	285039	100.4	99.2	99.3	99.0	99.1	99.7	97.2	99.1
2002	273466	100.2	99.5	99.4	99.2	99.2	99.8	97.6	99.2
2003	277248	100.4	99.3	99.5	99.1	99.4	100.0	97.6	99.3
2004	275686	100.1	99.2	99.3	98.9	99.2	99.9	98.0	99.1
2005	266148	99.9	99.3	99.3	98.9	99.2	100.0	98.2	99.0
2006	273540	99.3	99.6	99.0	98.9	98.8	99.2	98.7	98.9
2007	273222	99.3	99.6	99.0	98.9	98.8	99.3	99.1	98.9
2008	291824	99.3	99.7	99.1	99.2	99.0	99.4	99.3	99.1
2009	286551	99.7	99.9	99.6	99.6	99.6	99.8	99.8	99.6
2010	273906	100.0	100.1	100.0	99.9	100.0	100.0	99.9	99.9
2011	271262	100.1	100.5	100.4	100.4	100.4	100.0	100.0	100.4
2012	276180	100.1	101.0	100.9	101.0	100.8	100.2	100.3	101.0
2013	287572	100.2	101.4	101.3	101.4	101.2	100.4	100.7	101.5
2014	289472	100.1	101.8	101.6	101.9	101.5	100.7	101.2	101.9
2015	279703	99.8	101.9	101.6	102.0	101.5	100.9	101.5	101.9
2016	250021	100.0	102.0	101.9	102.2	101.9	101.0	101.9	102.2
2017	149393	100.1	102.2	102.4	102.5	102.3	101.2	102.4	102.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1345	98.2	83.0	100.5	104.9	107.3
1981	1637	98.4	87.4	99.6	103.6	106.1
1982	1895	98.4	89.9	99.4	103.2	105.4
1983	2755	98.8	92.4	99.1	103.1	105.4
1984	4100	98.8	93.7	99.0	102.8	105.2
1985	5900	99.0	95.2	99.0	102.7	105.0
1986	9166	99.1	96.2	98.8	102.4	104.7
1987	14883	99.1	96.7	98.4	102.0	104.1
1988	23623	99.0	96.9	98.2	101.5	103.6
1989	36059	99.5	97.0	97.9	101.0	103.0
1990	50026	99.4	97.0	97.8	100.9	102.8
1991	66806	99.2	96.3	97.4	100.0	101.9
1992	96054	98.9	96.7	97.4	99.8	101.8
1993	108016	98.8	97.0	97.6	100.0	101.7
1994	113845	99.1	97.5	97.5	99.6	101.4
1995	133972	99.1	97.1	97.2	99.1	100.6
1996	134664	99.3	97.0	97.4	99.4	100.4
1997	133559	99.0	97.0	97.8	99.6	100.4
1998	136922	99.0	96.8	97.6	99.1	99.9
1999	136634	99.0	97.2	97.8	99.1	99.9
2000	133150	99.1	97.7	98.0	99.2	99.7
2001	132498	99.3	98.1	97.9	98.8	99.4
2002	125157	99.5	98.2	98.0	98.8	99.0
2003	126053	99.5	98.5	98.2	99.1	99.3
2004	127379	99.2	98.1	98.5	99.2	99.5
2005	123998	99.3	98.7	98.5	99.0	99.3

2006	126813	99.6	99.1	99.0	99.4	99.7
2007	118056	99.7	99.5	99.2	99.4	99.7
2008	120279	99.9	99.8	99.4	99.5	99.8
2009	118951	99.8	99.7	99.7	99.8	100.0
2010	116344	100.0	100.0	100.0	100.0	100.0
2011	113641	100.2	100.2	100.7	100.6	100.3
2012	111911	100.2	100.2	101.2	101.0	100.5
2013	111832	100.2	100.4	101.6	101.4	100.8
2014	105993	100.0	100.6	102.3	102.1	101.2
2015	92495	99.6	100.8	103.0	102.7	101.6
2016	76518	99.3	101.1	103.5	103.1	101.9
2017	12782	98.8	101.3	104.2	103.6	102.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	2261	-217.2	-534.8	-152.9	107.0	105.1	89.8	88.8	99.0
1981	2763	-217.4	-522.7	-157.6	105.6	104.9	89.8	89.9	99.2
1982	3189	-209.7	-492.5	-169.1	105.0	104.0	90.6	90.8	99.2
1983	4837	-202.4	-473.9	-188.7	105.0	104.0	90.8	91.5	99.7
1984	7620	-206.4	-465.3	-256.5	104.7	104.0	90.6	91.5	99.7
1985	12247	-184.6	-457.1	-304.0	104.5	103.9	90.9	91.8	99.7
1986	19926	-186.2	-441.8	-344.2	104.2	103.6	91.1	92.2	99.4
1987	34265	-187.9	-422.4	-384.8	103.6	103.5	91.4	92.4	99.3
1988	61831	-190.3	-403.3	-413.5	103.1	103.0	91.4	92.4	99.4
1989	91603	-184.7	-381.7	-409.9	102.4	102.6	91.9	92.8	99.2
1990	118095	-177.6	-364.8	-393.0	102.2	102.5	92.1	92.6	99.3
1991	131455	-167.1	-327.5	-363.3	101.2	101.8	92.9	93.3	99.3
1992	153010	-158.0	-303.9	-335.8	101.1	101.5	93.2	93.6	99.4
1993	182322	-151.4	-286.2	-326.5	101.1	101.2	93.2	94.0	99.8
1994	197008	-144.5	-265.0	-310.2	100.7	100.9	93.3	94.2	99.8
1995	234633	-130.0	-230.3	-246.3	100.0	100.3	93.7	94.9	99.7
1996	237524	-118.6	-208.3	-209.0	100.0	100.1	94.0	95.1	99.6
1997	237294	-108.8	-188.0	-196.6	100.1	99.9	94.6	95.5	99.3
1998	245942	-108.1	-171.3	-204.0	99.5	99.5	94.6	95.7	99.2
1999	250390	-104.7	-157.2	-203.7	99.5	99.3	95.0	95.7	98.8
2000	241347	-94.5	-133.9	-177.0	99.4	99.0	95.2	95.9	99.1
2001	245309	-88.4	-123.8	-159.9	99.0	99.1	95.6	96.4	99.0
2002	230169	-78.8	-110.6	-134.3	98.8	99.2	95.9	96.8	99.1
2003	230252	-71.0	-101.4	-129.2	99.1	99.3	96.5	97.3	99.2
2004	232706	-59.1	-81.0	-100.1	99.3	99.1	97.2	97.6	99.3
2005	231214	-54.1	-71.1	-93.9	99.1	99.0	97.5	98.1	99.4
2006	247207	-42.9	-52.4	-74.7	99.5	98.9	98.0	98.4	99.6
2007	237271	-33.9	-37.0	-49.3	99.5	98.9	98.5	98.8	99.3
2008	247466	-25.8	-28.5	-34.0	99.6	99.1	99.0	99.1	99.5
2009	241415	-12.0	-15.6	-1.4	99.9	99.6	99.4	99.3	99.7
2010	236781	-0.2	0.2	18.4	100.0	99.9	99.8	99.6	99.8
2011	237328	16.6	16.9	62.4	100.5	100.4	100.2	99.7	100.0
2012	240679	31.9	26.5	97.9	100.8	101.0	101.0	100.1	100.3
2013	253114	47.3	39.4	135.1	101.2	101.5	101.4	100.6	100.7
2014	249920	70.0	59.3	186.0	101.8	101.9	102.2	101.4	101.2
2015	226417	90.1	85.1	232.3	102.3	101.9	103.0	102.1	101.4
2016	200122	114.4	112.4	286.1	102.7	102.2	103.5	103.1	101.9
2017	58188	132.1	132.3	341.5	103.1	102.6	104.1	103.6	102.5

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

Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	98	95.7	96.3	98.1	96.5	96.9	98.7	100.0
1981	197	96.3	97.4	98.3	96.5	97.8	98.6	99.5
1982	255	96.3	97.4	98.4	96.6	97.6	98.7	99.1
1983	281	97.2	97.3	98.9	98.1	97.8	99.2	99.0
1984	365	96.8	96.2	98.9	98.2	97.1	99.2	99.5
1985	556	97.6	97.0	99.1	98.5	98.1	100.2	99.5
1986	1317	97.5	96.7	99.4	98.5	97.9	100.6	99.3
1987	2767	97.2	96.4	99.3	98.1	97.9	100.2	99.6
1988	5479	97.7	96.2	99.9	99.0	97.4	100.3	99.5
1989	10601	98.4	96.4	100.5	100.0	97.4	100.9	99.4
1990	17566	98.6	96.4	100.8	100.2	97.2	100.9	99.3
1991	21901	99.3	96.9	101.1	100.7	97.9	100.8	100.0
1992	27941	99.3	97.0	101.2	100.7	97.7	100.9	100.1
1993	36550	98.6	96.7	100.5	99.9	97.3	100.6	99.9
1994	42590	98.5	96.8	101.0	99.4	97.4	100.5	99.2
1995	83199	98.7	97.9	100.7	99.1	98.1	99.8	99.2
1996	69004	99.1	98.3	100.8	99.4	98.4	99.9	99.3
1997	95220	99.0	98.5	100.8	99.3	98.0	99.7	99.0
1998	113352	99.0	98.2	100.9	99.5	97.8	99.5	98.6
1999	118742	98.8	98.2	100.8	99.5	97.5	99.6	98.5
2000	119107	98.9	98.6	100.8	99.1	97.8	99.6	98.6
2001	120611	98.9	98.9	100.7	99.0	97.9	99.8	98.5
2002	119601	99.1	99.1	100.7	99.2	97.9	99.8	98.4
2003	126496	99.0	99.0	100.5	99.4	97.9	99.6	98.5
2004	129096	99.0	98.7	100.6	99.6	98.0	99.4	98.4
2005	124413	99.2	98.5	100.8	99.8	98.2	99.8	98.5
2006	130017	99.5	99.2	100.6	99.9	98.6	100.0	98.6
2007	123370	99.7	99.6	100.2	100.0	99.1	100.0	99.1
2008	126237	99.8	99.8	100.1	100.0	99.3	100.0	99.3
2009	126174	100.0	100.0	100.2	100.1	99.7	100.1	99.9
2010	123473	100.1	100.1	100.0	100.1	100.1	100.0	100.1
2011	120701	100.6	100.6	100.1	100.5	100.6	99.9	100.6
2012	118538	101.0	100.9	100.2	100.9	101.0	100.0	100.9
2013	120631	101.2	100.8	100.5	100.9	101.0	100.2	100.9
2014	116311	101.7	101.1	100.8	101.3	101.3	100.7	101.2
2015	102099	102.0	101.5	100.8	101.4	101.6	100.9	101.5
2016	84982	102.4	101.8	101.0	101.7	102.2	101.2	101.6
2017	14681	102.6	102.0	101.0	101.7	102.5	101.4	101.8

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1179	98.1	100.3	98.1	100.3	96.9	100.1
1981	1516	98.1	100.6	98.1	100.6	96.8	100.3
1982	1982	97.9	100.7	97.9	100.7	96.7	100.4
1983	3184	97.9	101.2	97.9	101.2	96.7	100.9
1984	5098	97.9	101.2	97.9	101.2	96.7	100.7
1985	8080	97.8	101.2	97.8	101.2	96.6	100.8
1986	13169	97.7	101.0	97.7	101.0	96.5	100.6
1987	22657	97.4	101.1	97.4	101.1	96.4	100.7
1988	38461	97.4	101.1	97.4	101.1	96.6	100.8
1989	60241	97.5	100.9	97.5	100.9	96.9	100.7
1990	90691	97.8	100.9	97.8	100.9	97.2	100.5
1991	121316	98.0	100.9	98.0	100.9	97.4	100.6
1992	149825	98.1	100.9	98.1	100.9	97.4	100.7

1993	216053	98.7	100.9	98.7	100.9	97.9	101.0
1994	250443	99.1	100.7	99.1	100.7	98.2	100.7
1995	315489	99.4	100.3	99.4	100.3	98.4	100.3
1996	325700	99.4	100.2	99.4	100.2	98.4	100.3
1997	334382	99.2	100.1	99.2	100.1	97.9	100.1
1998	349583	99.5	99.8	99.5	99.8	98.3	99.7
1999	353292	99.1	99.6	99.1	99.6	97.9	99.6
2000	346142	99.2	99.8	99.2	99.8	98.0	99.9
2001	339590	99.4	99.6	99.4	99.6	98.2	100.0
2002	332651	99.9	99.4	99.9	99.4	99.0	100.0
2003	332023	99.8	99.5	99.8	99.5	99.1	99.9
2004	328079	99.9	99.5	99.9	99.5	99.2	99.9
2005	307082	100.0	99.6	100.0	99.6	99.2	100.1
2006	305345	100.3	99.6	100.3	99.6	99.4	99.9
2007	302803	100.1	99.3	100.1	99.3	99.5	99.9
2008	328156	99.9	99.7	99.9	99.7	99.7	99.9
2009	329420	99.9	99.9	99.9	99.9	100.0	100.1
2010	313691	100.0	99.9	100.0	99.9	100.4	99.9
2011	303158	100.2	99.9	100.2	99.9	101.0	99.8
2012	308034	100.4	100.0	100.4	100.0	101.3	99.9
2013	320243	100.5	100.3	100.5	100.3	101.6	100.3
2014	329674	101.1	100.5	101.1	100.5	102.1	100.6
2015	337179	101.2	100.7	101.2	100.7	102.1	100.7
2016	327538	101.5	101.0	101.5	101.0	102.3	101.1
2017	278450	101.7	101.5	101.7	101.5	102.6	101.4
2018	263478	101.9	101.8	101.9	101.8	102.8	101.6
2019	107733	102.0	102.0	102.0	102.0	102.9	101.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1407	99.2	103.8	100.4	80.0	83.8	83.8
1981	1749	99.0	103.6	100.5	83.5	86.9	87.0
1982	2033	97.8	104.2	101.6	86.4	89.3	89.6
1983	3472	98.1	104.2	101.3	90.1	92.9	93.3
1984	5228	98.2	104.2	101.1	91.7	95.1	95.4
1985	7620	98.8	104.0	100.5	93.8	97.9	97.5
1986	12245	98.7	104.0	100.5	95.2	99.5	98.8
1987	19553	99.0	103.6	100.1	96.0	100.3	99.6
1988	31548	99.0	103.5	100.0	96.4	100.5	99.9
1989	44567	99.0	103.0	100.0	96.3	100.4	99.5
1990	59439	99.2	102.6	99.9	96.4	100.4	99.4
1991	74186	99.2	102.0	100.0	96.4	100.1	99.5
1992	87984	99.0	101.8	100.2	96.6	100.2	99.8
1993	99268	99.2	102.0	100.1	96.7	100.3	99.9
1994	111185	98.9	102.5	100.5	97.0	100.0	99.8
1995	131570	98.7	102.3	100.9	96.8	99.8	99.5
1996	134652	98.7	102.1	100.9	96.6	99.8	99.4
1997	131178	98.9	101.9	100.8	96.7	99.6	99.1
1998	136265	98.8	101.9	101.0	96.5	99.7	99.3
1999	139080	98.4	101.8	101.4	96.6	99.8	99.4
2000	138493	98.4	102.0	101.5	97.1	99.8	99.5
2001	140554	98.2	102.1	101.7	97.1	99.8	99.3
2002	134846	98.7	101.8	101.3	97.0	99.8	99.4
2003	140939	98.8	101.7	101.0	97.2	99.7	99.4
2004	147141	98.7	101.8	101.3	97.6	99.5	99.7
2005	151519	98.6	101.6	101.3	98.2	99.7	99.7
2006	161069	98.9	101.3	101.0	98.6	99.7	99.9
2007	179110	99.0	101.1	100.9	98.9	99.9	99.9

2008	197125	98.9	101.0	101.0	99.2	100.1	100.0
2009	207116	98.9	100.9	101.0	99.6	100.1	100.0
2010	200578	99.1	100.8	100.9	99.7	100.2	100.0
2011	198845	99.6	100.5	100.4	100.2	100.3	99.8
2012	200297	100.0	100.4	100.1	100.6	100.7	99.8
2013	205670	100.2	100.3	99.9	101.0	101.0	99.8
2014	216409	100.4	100.1	99.8	101.4	101.2	99.8
2015	212419	100.5	100.1	99.8	101.6	101.5	99.8
2016	188666	100.7	100.0	99.7	102.0	101.6	99.7
2017	130453	100.8	99.8	99.6	102.4	102.0	99.7
2018	111646	101.2	99.5	99.2	102.6	102.3	99.7
2019	43046	101.4	99.1	98.9	102.9	102.3	99.5

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	1464	104.3	110.7	94.2	101.3	108.0	96.8	103.8	99.1	107.3	99.2	98.3
1981	1862	104.3	109.7	94.8	101.5	108.2	96.9	104.2	97.9	107.1	98.1	99.4
1982	2230	104.1	108.6	95.5	101.0	106.5	96.3	103.8	98.8	106.4	98.0	101.7
1983	3433	104.2	109.1	95.2	101.2	107.1	96.5	103.8	98.7	107.0	98.0	101.9
1984	5306	104.0	109.1	95.4	101.3	106.7	96.9	103.7	98.4	107.1	98.3	102.3
1985	8047	103.6	109.1	95.5	101.2	106.4	97.2	103.4	98.1	107.0	98.4	102.4
1986	12792	103.6	108.6	95.8	101.0	106.2	97.3	103.3	98.3	106.8	98.5	102.3
1987	21076	103.5	108.3	96.7	100.6	106.4	97.5	103.2	98.3	106.5	98.7	101.9
1988	35182	103.2	107.5	97.0	100.3	106.0	97.5	102.8	98.5	106.1	98.4	101.7
1989	53975	103.0	106.7	97.4	100.1	105.6	97.5	102.7	98.4	105.6	98.4	101.4
1990	79872	102.9	106.1	97.5	99.6	105.6	97.2	102.7	98.5	105.2	98.3	100.8
1991	101866	102.7	105.6	98.4	100.0	104.7	97.9	102.6	98.7	104.6	98.8	101.3
1992	134925	102.4	105.0	98.7	100.1	104.1	98.2	102.4	98.8	104.1	99.1	101.3
1993	165182	102.3	104.7	99.1	99.8	103.8	98.5	102.2	99.1	104.1	99.1	101.2
1994	184210	102.2	103.9	99.3	99.3	103.6	98.4	101.9	99.4	103.7	99.0	100.9
1995	223753	101.7	103.5	99.3	99.2	103.0	98.8	101.3	99.6	103.5	99.0	100.8
1996	241121	101.4	103.1	99.5	99.1	102.8	98.6	101.2	99.4	103.2	98.9	100.5
1997	260080	101.3	102.7	99.8	99.0	102.6	98.6	101.1	99.6	102.9	99.2	100.3
1998	258994	101.5	102.4	100.1	99.1	102.5	98.6	101.1	100.0	102.9	99.1	100.4
1999	276423	101.2	102.2	100.3	99.3	102.1	98.9	100.9	100.1	102.6	99.3	100.4
2000	256578	101.0	101.9	100.2	99.3	101.7	99.3	100.6	100.2	102.3	99.4	100.6
2001	257258	100.8	101.8	100.1	99.3	101.4	99.6	100.3	100.3	102.2	99.5	100.6
2002	259560	100.6	101.4	100.3	99.2	101.4	99.7	100.1	100.3	101.9	99.5	100.4
2003	253661	100.5	101.0	100.4	99.1	101.0	99.7	100.1	100.3	101.5	99.7	100.3
2004	254364	100.7	100.8	100.4	99.2	101.1	99.6	100.3	100.3	101.5	99.5	100.3
2005	240514	100.5	100.6	100.6	99.2	100.7	100.1	100.2	100.4	101.2	99.9	100.2
2006	245264	100.3	100.5	100.4	99.7	100.5	100.2	100.0	100.3	101.0	99.9	100.1
2007	224832	100.1	100.3	100.4	99.7	100.2	100.3	99.9	100.3	100.7	100.0	100.1
2008	224156	100.1	100.2	100.4	99.8	100.1	100.3	99.8	100.2	100.7	100.0	100.2
2009	215975	99.9	100.3	100.1	99.9	99.8	100.4	99.8	100.1	100.5	100.1	100.1
2010	190686	100.1	100.3	99.8	99.9	100.0	100.0	100.1	100.1	100.6	99.8	100.2
2011	161958	100.3	100.3	99.6	100.1	100.2	99.5	100.5	99.7	100.5	99.4	100.3
2012	134224	100.4	100.1	99.6	100.1	100.2	99.3	100.7	99.5	100.3	99.6	100.1
2013	126811	100.1	99.8	99.9	99.8	99.9	99.4	100.6	99.3	100.1	99.7	100.0
2014	115556	100.1	99.5	100.2	99.8	99.8	99.4	100.9	98.7	99.5	99.9	100.0
2015	99048	100.2	99.4	100.2	99.8	99.9	99.3	101.1	98.6	99.6	100.0	100.1
2016	83195	100.2	99.4	100.2	99.7	99.9	99.2	101.1	98.5	99.5	99.9	100.2
2017	13515	100.2	99.2	100.3	99.7	99.8	99.1	101.3	98.3	99.3	100.0	100.4

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

Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1198	98.4	100.0	98.7
1981	1540	98.8	100.1	98.9
1982	2004	98.5	100.0	98.4
1983	3213	99.0	100.3	98.7
1984	5194	98.7	100.1	98.3
1985	8268	98.6	100.0	98.1
1986	13415	98.2	99.7	98.0
1987	23139	98.4	99.8	98.3
1988	39516	98.6	99.9	98.4
1989	62000	98.3	99.7	98.3
1990	93334	98.4	99.8	98.5
1991	121499	98.7	100.1	98.3
1992	147516	98.8	100.3	98.4
1993	226205	99.1	100.7	98.6
1994	302623	99.3	100.6	98.9
1995	339622	99.7	100.8	99.0
1996	349975	99.8	100.9	99.0
1997	361562	100.0	100.8	99.3
1998	376237	100.1	100.7	99.6
1999	375128	100.0	100.6	99.5
2000	365696	100.1	100.6	99.6
2001	357735	100.2	100.6	99.8
2002	352305	100.1	100.4	99.9
2003	351682	100.2	100.4	99.9
2004	346107	100.6	100.8	100.1
2005	322473	100.5	100.6	100.2
2006	319473	100.1	100.1	100.2
2007	317436	100.0	99.9	100.1
2008	344921	99.9	99.9	99.9
2009	346178	100.0	100.0	100.0
2010	328791	100.1	100.1	99.9
2011	317739	100.2	100.3	99.9
2012	323053	100.2	100.3	100.0
2013	335311	100.4	100.5	100.0
2014	345846	100.3	100.4	99.8
2015	357903	100.3	100.3	99.7
2016	350959	100.6	100.4	99.9
2017	306632	100.7	100.3	99.8
2018	292966	100.4	99.9	100.0
2019	114452	100.4	99.8	99.9

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	245648	-1601.4	-7336.2	-244.3	-241.0
2002	230566	-1401.3	-6339.0	-215.4	-210.3
2003	230597	-1334.9	-6118.6	-200.6	-202.5
2004	233216	-1095.3	-5172.5	-162.2	-166.9
2005	231884	-1024.8	-4868.8	-152.4	-155.7
2006	247934	-841.3	-4058.1	-127.2	-126.5
2007	238053	-628.4	-3137.4	-94.8	-94.2
2008	248492	-496.7	-2582.4	-74.0	-74.7
2009	242778	-237.4	-1533.8	-30.7	-37.1
2010	238872	-48.8	-833.3	2.5	-10.4
2011	239813	303.8	554.3	63.6	39.6

2012	243559	580.8	1642.5	109.5	80.1
2013	256635	884.5	2808.3	162.2	123.3
2014	254409	1316.3	4588.9	236.9	184.3
2015	234058	1741.9	6265.9	312.8	243.7
2016	210250	2234.3	8133.2	399.2	313.2
2017	93665	2794.7	10258.1	493.8	394.3
2018	50662	4057.5	14861.0	702.4	580.2
2019	19968	4599.1	16519.1	800.0	656.7

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

Jaar	Aantal	Eff	Int	Gewen
1980	264	97.6	97.2	102.2
1981	404	98.8	96.8	102.1
1982	452	99.2	96.8	102.0
1983	502	98.5	97.0	102.1
1984	711	98.1	96.1	102.1
1985	840	98.5	95.9	102.0
1986	1424	98.5	96.0	102.0
1987	2350	98.4	94.9	102.0
1988	3662	98.4	94.9	102.2
1989	5275	98.7	94.9	102.4
1990	7372	98.4	95.1	102.6
1991	8918	98.7	95.6	101.3
1992	11152	98.6	95.7	101.2
1993	13409	98.6	95.8	101.3
1994	14681	98.8	95.4	101.6
1995	18874	99.1	96.0	100.9
1996	20753	99.4	96.4	101.1
1997	22574	99.2	96.4	101.1
1998	24687	99.3	96.6	100.9
1999	25820	99.4	96.5	101.0
2000	27622	99.7	96.9	100.9
2001	30567	99.9	96.9	100.7
2002	31819	100.2	97.3	100.1
2003	35194	100.1	97.1	100.4
2004	39596	99.8	97.6	100.4
2005	41030	99.8	97.7	100.8
2006	46448	100.0	98.5	100.5
2007	48949	100.1	99.0	100.4
2008	55986	100.0	99.2	100.4
2009	65202	99.9	99.5	100.3
2010	71534	99.9	100.1	100.1
2011	73189	99.9	101.1	99.8
2012	74313	99.7	102.0	99.9
2013	79322	99.6	103.0	100.1
2014	79248	99.2	104.2	100.2
2015	72898	98.7	105.0	100.1
2016	66730	98.2	105.4	100.1
2017	23396	97.7	105.4	100.1

Tabel: 16 Holstein Friesian - zwartbont: Overige productie en efficiency kenm.
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
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1980	2281	97.5	101.4	68	-4.2	0	0.0
1981	2792	96.8	101.6	101	-3.5	0	0.0
1982	3214	97.1	101.7	140	-3.6	0	0.0
1983	4859	97.0	101.6	118	-3.2	0	0.0
1984	7638	96.8	101.2	105	-3.4	0	0.0
1985	12264	96.5	101.3	15032	-4.6	0	0.0
1986	19934	96.5	101.5	23125	-4.4	0	0.0
1987	34286	96.9	101.2	37331	-4.0	0	0.0
1988	61846	97.2	100.9	63174	-3.7	0	0.0
1989	91612	97.4	100.7	92029	-3.5	0	0.0
1990	118107	97.6	100.4	118542	-3.4	0	0.0
1991	131459	97.8	100.9	132961	-3.1	0	0.0
1992	153019	97.7	100.8	154916	-2.8	0	0.0
1993	182331	97.8	100.5	182391	-2.7	0	0.0
1994	197016	98.2	100.0	196861	-2.6	0	0.0
1995	234644	98.3	100.3	234433	-2.4	0	0.0
1996	237546	98.9	100.4	237286	-2.2	0	0.0
1997	237317	98.8	100.1	236919	-2.0	0	0.0
1998	245970	98.9	99.8	245517	-1.8	0	0.0
1999	250420	98.7	99.6	250069	-1.7	0	0.0
2000	241399	99.1	99.4	240886	-1.5	0	0.0
2001	245370	99.0	99.2	244839	-1.4	135637	96.0
2002	230243	99.2	99.1	229831	-1.3	128004	96.2
2003	230327	99.2	99.0	229976	-1.2	129337	96.6
2004	232753	99.4	99.2	232572	-1.0	130990	96.8
2005	231251	99.5	99.2	231047	-0.9	128758	97.2
2006	247259	99.8	99.4	247063	-0.6	132730	98.3
2007	237317	100.1	99.5	237136	-0.4	124408	98.9
2008	247532	100.3	99.6	247421	-0.3	127117	99.3
2009	241488	100.5	100.1	241565	-0.2	125944	99.6
2010	236857	100.7	100.1	237251	0.0	123435	100.0
2011	237375	101.0	100.6	238042	0.2	120690	100.7
2012	240730	101.2	100.9	241897	0.3	119306	101.2
2013	253140	101.5	101.1	254709	0.4	120416	101.3
2014	249938	101.8	101.4	252823	0.7	115070	101.7
2015	226419	102.2	101.5	232590	0.9	101412	102.0
2016	200122	102.6	101.4	209227	1.1	85137	102.4
2017	58188	103.0	101.3	92531	1.4	14071	102.9
2018	0	0.0	0.0	50899	1.7	0	0.0
2019	0	0.0	0.0	20646	1.8	0	0.0

Tabel: 17 Holstein Friesian - roodbont: Melkproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	36	-1965.6	-71.8	-77.5	-94.4	26.9	-10.7	-7.9	-497.1
1981	58	-1907.9	-73.1	-77.2	-91.3	20.4	-13.5	-7.2	-497.3
1982	86	-1830.5	-68.5	-73.8	-85.2	22.0	-12.3	-3.0	-472.0
1983	113	-1820.7	-71.0	-75.1	-84.8	17.9	-14.6	-3.0	-482.6
1984	254	-1740.3	-65.9	-73.1	-80.3	20.1	-15.7	-1.6	-462.3
1985	407	-1848.5	-68.9	-74.3	-84.7	23.2	-11.7	-0.8	-474.8
1986	688	-1714.6	-64.3	-70.2	-78.4	20.8	-12.5	-0.5	-446.2
1987	1200	-1667.6	-62.5	-68.5	-76.2	20.0	-12.5	-0.4	-435.0
1988	2407	-1647.3	-59.7	-66.7	-75.3	23.1	-10.6	-0.6	-421.7
1989	3577	-1582.9	-57.5	-64.2	-72.4	22.4	-10.1	-0.5	-405.9
1990	4830	-1571.9	-58.2	-63.6	-71.9	20.5	-9.7	-0.5	-404.5
1991	6459	-1472.1	-55.8	-60.0	-67.3	16.9	-9.6	-0.4	-383.3
1992	8427	-1438.0	-56.1	-58.8	-65.7	14.0	-9.8	-0.4	-378.6
1993	9974	-1347.2	-55.8	-56.2	-61.5	8.2	-10.6	-0.3	-366.1
1994	12173	-1261.3	-45.2	-50.6	-57.6	17.8	-6.8	-0.3	-319.5

1995	13607	-1234.2	-43.0	-49.2	-56.4	19.2	-6.3	-0.3	-309.2
1996	15367	-1108.3	-38.7	-44.9	-50.6	17.0	-6.4	-0.3	-280.6
1997	16778	-1027.2	-36.0	-41.9	-46.9	15.6	-6.3	-0.3	-261.7
1998	23188	-988.9	-31.1	-38.3	-45.2	19.9	-3.2	-0.2	-236.1
1999	26206	-908.4	-27.6	-35.6	-41.5	19.4	-3.4	-0.2	-216.5
2000	32083	-731.8	-25.1	-30.9	-33.6	11.9	-5.5	-0.4	-189.5
2001	36325	-637.4	-22.8	-26.9	-30.4	9.2	-4.7	-1.7	-167.4
2002	37115	-502.8	-17.4	-23.1	-24.8	8.2	-5.8	-2.4	-138.5
2003	38834	-442.9	-14.2	-20.1	-22.9	8.7	-4.8	-3.4	-119.3
2004	40625	-349.4	-8.5	-16.2	-18.3	10.4	-3.9	-3.1	-89.8
2005	43438	-267.4	-5.5	-12.5	-14.7	9.7	-2.9	-3.2	-67.2
2006	45899	-190.3	-5.7	-10.0	-10.4	5.1	-3.2	-2.3	-56.2
2007	45855	-126.0	-3.0	-7.6	-7.7	4.7	-3.0	-2.4	-39.7
2008	49883	-70.4	-2.0	-4.7	-4.8	2.9	-2.0	-2.0	-24.9
2009	50352	-68.0	-4.1	-4.5	-3.5	-0.0	-1.9	-0.5	-28.1
2010	51005	17.2	-0.1	-0.6	0.1	0.2	-0.8	-0.8	-2.6
2011	51411	96.9	3.8	2.5	3.9	0.5	-0.5	-0.6	19.6
2012	52825	150.4	6.1	4.6	6.6	0.4	-0.3	-0.3	33.7
2013	54604	180.8	7.2	6.7	7.7	0.1	0.8	-0.7	44.7
2014	53254	237.9	9.0	9.1	10.2	-0.7	1.3	-0.7	59.3
2015	46477	297.2	11.1	11.9	13.4	-1.3	2.1	-0.2	76.1
2016	39590	381.8	14.0	14.5	17.5	-2.5	1.6	0.2	94.2
2017	10705	463.6	16.2	17.1	21.4	-4.3	1.1	0.4	110.6

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

Tabel: 18 Holstein Friesian - roodbont: Exterieurkenmerken bouw
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	36	89.3	96.2	89.7	90.1	99.9	96.8	95.1
1981	62	90.0	96.4	89.8	90.9	99.7	96.7	96.2
1982	87	90.4	96.7	91.0	91.9	99.7	95.8	96.0
1983	111	91.2	96.4	91.7	92.5	99.4	95.9	95.6
1984	235	91.1	96.2	92.4	93.1	99.2	95.1	95.5
1985	343	90.9	96.4	92.0	93.0	99.9	95.1	95.6
1986	589	91.1	96.2	92.5	93.4	99.8	95.0	95.4
1987	916	91.0	96.6	92.7	93.7	100.2	95.2	95.9
1988	1519	91.0	96.5	93.0	93.7	100.3	95.3	96.0
1989	1983	91.4	96.7	93.1	93.8	100.3	95.4	96.2
1990	2699	91.3	96.7	93.3	93.8	100.4	95.5	96.4
1991	3777	92.2	96.6	93.6	94.4	99.9	95.5	97.0
1992	4957	92.2	96.6	93.3	94.2	100.1	95.7	97.2
1993	5339	92.8	96.5	93.4	94.5	99.7	95.7	97.2
1994	6703	93.2	98.7	95.7	95.6	101.0	96.4	98.8
1995	7399	93.4	98.8	96.3	96.2	100.5	96.4	98.7
1996	8616	93.7	98.8	96.8	96.5	100.3	96.5	99.4
1997	10056	94.2	99.4	97.4	97.0	100.7	97.0	99.1
1998	13955	94.6	99.8	97.8	97.1	100.8	97.1	98.9
1999	16063	94.9	99.8	97.6	97.2	100.8	97.0	98.9
2000	19980	95.8	99.3	97.2	97.0	100.5	97.5	99.0
2001	21980	96.1	99.7	97.6	97.4	100.4	98.0	98.8
2002	22738	96.9	100.0	98.3	98.3	100.2	97.7	99.0
2003	23755	97.6	100.4	98.9	99.0	100.2	98.3	98.9
2004	25301	97.8	100.6	99.3	99.3	100.0	98.7	99.3
2005	27015	98.1	100.4	99.3	99.3	99.5	99.0	99.6
2006	27815	98.4	100.7	99.4	99.5	99.7	99.2	99.6
2007	27659	98.7	100.7	99.7	100.0	99.5	99.6	99.5
2008	29661	99.2	100.4	99.6	99.9	99.5	99.5	99.6
2009	30352	100.2	100.7	99.9	99.9	100.0	99.7	99.8
2010	30747	100.4	100.4	99.9	100.0	99.6	99.6	100.0

2011	30159	100.6	100.4	100.1	100.3	99.5	99.7	100.0
2012	30098	100.4	100.4	100.1	100.3	99.6	99.7	100.1
2013	29496	100.6	100.4	100.1	100.4	99.6	99.6	100.2
2014	27403	101.1	100.5	100.5	100.9	99.5	99.6	100.3
2015	23755	101.7	100.4	100.7	101.1	99.5	100.0	100.4
2016	19236	102.2	100.8	100.9	101.6	99.8	100.4	100.7
2017	2640	102.7	101.3	100.9	101.7	100.2	100.5	100.7

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

Jaar	Aantal	BA	BZ	KH	BG
1980	36	91.6	100.5	91.0	89.8
1981	62	92.5	99.9	92.1	89.7
1982	87	93.4	100.4	92.7	90.8
1983	111	93.6	100.5	93.1	91.1
1984	235	93.3	100.7	93.7	90.3
1985	343	93.5	100.6	93.7	90.8
1986	589	93.4	101.3	94.0	90.7
1987	916	94.0	101.5	94.2	91.4
1988	1519	94.5	101.1	94.6	91.8
1989	1983	94.7	101.6	94.7	92.1
1990	2699	94.9	101.5	94.7	92.1
1991	3777	94.9	102.1	94.8	92.1
1992	4957	95.1	101.9	94.9	92.4
1993	5339	95.2	102.5	94.4	92.5
1994	6703	93.9	102.5	93.6	92.0
1995	7399	94.3	102.7	93.9	92.4
1996	8616	95.3	103.2	94.0	93.3
1997	10056	96.1	103.7	93.7	94.2
1998	13955	96.1	104.1	93.6	94.3
1999	16063	96.6	103.5	94.0	94.8
2000	19980	97.4	103.1	95.2	95.8
2001	21980	97.3	103.0	95.7	95.8
2002	22738	97.6	102.7	96.5	96.0
2003	23755	97.7	102.4	96.7	96.4
2004	25301	98.0	102.8	96.7	96.9
2005	27015	98.2	102.6	96.3	97.5
2006	27815	98.9	101.9	97.0	98.1
2007	27659	98.9	101.5	97.4	98.3
2008	29661	98.7	101.1	98.0	98.3
2009	30352	99.4	100.7	98.9	99.1
2010	30747	100.2	100.2	99.6	99.9
2011	30159	101.1	100.4	99.8	100.9
2012	30098	101.4	100.4	100.0	101.4
2013	29496	101.8	100.4	100.2	101.8
2014	27403	102.1	100.1	100.6	102.2
2015	23755	102.3	99.9	100.7	102.5
2016	19236	102.5	100.0	100.7	102.8
2017	2640	103.0	99.7	101.4	103.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	36	94.6	90.8	101.9	96.5	89.0	93.2	91.7

1981	62	94.0	91.3	100.2	96.8	88.7	92.4	91.6
1982	87	94.1	91.6	100.6	96.1	88.9	92.7	92.1
1983	111	94.8	90.9	100.9	96.1	89.9	92.9	92.0
1984	235	95.1	91.5	101.1	96.4	90.9	93.6	92.7
1985	343	95.7	91.6	101.1	97.1	91.1	94.0	92.8
1986	589	96.0	91.9	101.0	97.0	91.8	94.1	93.4
1987	916	95.4	92.0	101.2	96.2	91.9	94.0	93.4
1988	1519	95.4	92.1	101.4	96.1	92.5	93.9	93.4
1989	1983	95.3	92.2	101.6	96.1	92.6	93.7	93.3
1990	2699	95.3	92.3	101.6	96.0	92.7	93.9	93.5
1991	3777	95.7	92.2	101.7	96.4	93.2	93.7	93.5
1992	4957	95.8	92.5	101.5	96.6	93.1	94.0	93.9
1993	5339	95.8	92.7	101.5	96.8	93.6	94.4	94.1
1994	6703	95.4	94.0	101.0	95.2	92.3	95.0	95.2
1995	7399	95.6	94.0	101.2	95.2	92.7	95.1	95.1
1996	8616	95.5	94.3	101.1	95.1	93.1	95.2	95.3
1997	10056	95.9	94.6	100.6	95.3	93.7	95.7	95.2
1998	13955	95.7	95.1	100.6	95.0	94.1	96.0	95.9
1999	16063	95.9	95.8	100.5	95.6	95.3	97.1	96.8
2000	19980	96.7	96.4	100.7	96.7	95.9	98.1	97.8
2001	21980	97.0	96.2	100.6	96.6	96.0	97.4	97.2
2002	22738	97.4	96.6	100.5	96.9	96.6	97.7	97.6
2003	23755	98.1	97.0	100.2	97.6	97.2	97.9	97.7
2004	25301	98.2	97.6	100.4	97.3	97.5	98.4	98.5
2005	27015	98.1	97.8	101.1	97.5	98.0	98.7	98.8
2006	27815	98.9	98.2	101.0	98.1	98.2	98.6	98.9
2007	27659	99.1	98.7	100.7	98.4	98.9	99.0	99.3
2008	29661	99.3	98.9	100.4	98.9	99.2	99.1	99.6
2009	30352	99.9	99.2	100.2	100.0	99.5	99.6	100.0
2010	30747	100.3	99.6	100.1	100.4	100.1	99.8	100.3
2011	30159	100.8	100.0	100.0	100.6	100.6	100.2	100.9
2012	30098	101.3	99.9	100.4	100.9	101.0	100.5	101.1
2013	29496	102.0	100.3	100.5	101.5	101.2	100.7	101.4
2014	27403	102.6	100.5	100.7	102.1	101.8	100.9	101.5
2015	23755	103.2	101.0	100.6	103.0	102.5	101.2	101.7
2016	19236	103.7	101.1	100.5	103.6	102.7	101.5	101.8
2017	2640	104.1	101.2	100.6	104.1	102.9	101.6	101.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	36	91.0	90.7	92.0	88.3	0.0	85.5
1981	62	91.6	91.2	91.4	88.6	0.0	85.5
1982	87	91.5	92.3	91.3	89.7	0.0	86.3
1983	111	91.6	92.5	91.9	90.1	0.0	86.9
1984	235	91.2	92.9	92.6	89.4	0.0	86.8
1985	343	91.3	93.3	93.2	89.7	0.0	87.3
1986	589	91.1	93.5	93.6	89.7	0.0	87.5
1987	916	91.8	94.2	93.1	90.5	0.0	87.9
1988	1519	91.9	94.3	93.2	91.1	0.0	88.4
1989	1983	92.2	94.6	93.2	91.3	0.0	88.7
1990	2699	92.4	94.7	93.3	91.4	0.0	88.8
1991	3777	92.8	94.9	93.6	91.4	0.0	89.2
1992	4957	92.8	94.9	93.8	91.7	0.0	89.4
1993	5339	92.9	94.8	94.1	91.7	0.0	89.5
1994	6703	95.6	97.5	92.9	91.0	0.0	89.8
1995	7399	95.7	97.6	93.2	91.4	0.0	90.2
1996	8616	96.3	98.0	93.3	92.3	0.0	91.0
1997	10056	96.8	98.7	93.9	93.2	0.0	92.0

1998	13955	97.0	98.8	93.8	93.2	0.0	92.0
1999	16063	96.9	98.8	94.7	93.8	0.0	92.8
2000	19980	96.9	98.5	95.7	95.0	0.0	93.9
2001	21980	97.3	98.8	95.7	95.0	0.0	94.1
2002	22738	97.6	99.2	96.3	95.4	0.0	94.7
2003	23755	98.2	99.7	97.1	95.8	0.0	95.6
2004	25301	98.7	99.9	97.1	96.2	0.0	96.1
2005	27015	99.0	99.6	97.3	96.6	0.0	96.4
2006	27815	99.2	99.9	97.9	97.4	0.0	97.3
2007	27659	99.5	100.1	98.4	97.7	0.0	97.8
2008	29661	99.3	100.1	98.7	97.6	0.0	97.9
2009	30352	99.7	100.4	99.5	98.7	0.0	99.0
2010	30747	99.7	100.3	100.0	99.5	0.0	99.7
2011	30159	99.8	100.4	100.5	100.5	0.0	100.5
2012	30098	99.9	100.5	100.9	101.0	0.0	101.0
2013	29496	99.9	100.6	101.5	101.4	0.0	101.6
2014	27403	100.1	100.9	102.2	101.9	0.0	102.3
2015	23755	100.4	101.0	103.1	102.2	0.0	103.1
2016	19236	100.9	101.5	103.6	102.5	0.0	103.7
2017	2640	101.0	101.8	104.0	103.0	0.0	104.3

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	44	101.9	105.1	103.4	104.7	101.1	100.2	90.2	104.3
1981	76	102.6	104.9	104.0	104.7	101.9	100.9	91.6	104.6
1982	116	102.1	104.5	103.4	104.1	101.2	100.3	90.9	104.1
1983	151	101.7	103.9	102.7	103.3	100.7	100.2	92.1	103.2
1984	325	101.3	103.5	102.1	102.8	100.4	99.9	91.6	102.6
1985	508	102.0	104.0	103.1	103.7	101.4	100.8	91.2	103.6
1986	902	101.6	103.5	102.5	103.2	101.0	100.3	91.8	103.0
1987	1540	101.9	103.6	102.6	103.3	101.3	100.3	91.6	103.2
1988	2791	101.9	103.3	102.4	103.0	101.2	100.4	91.4	102.9
1989	4086	101.7	103.2	102.3	102.8	101.1	100.4	91.4	102.7
1990	5536	101.4	103.2	102.1	102.7	100.9	100.4	91.5	102.6
1991	7566	101.7	102.7	102.1	102.5	101.1	100.6	92.7	102.4
1992	9915	101.6	102.8	102.1	102.5	101.1	100.6	92.8	102.5
1993	11314	102.0	102.3	102.1	102.3	101.4	100.7	93.0	102.4
1994	14298	101.4	102.0	101.5	101.8	100.9	100.6	93.7	101.8
1995	15765	101.1	102.0	101.2	101.5	100.5	100.3	93.8	101.4
1996	17977	100.7	101.3	100.6	100.6	100.0	99.9	94.0	100.7
1997	19701	99.9	101.7	100.4	100.6	99.6	99.9	94.4	100.5
1998	27376	100.1	101.4	100.3	100.4	99.7	100.1	94.7	100.4
1999	30278	99.9	101.3	100.3	100.4	99.7	99.8	95.1	100.4
2000	36174	100.6	100.4	100.3	100.1	100.2	100.2	95.2	100.2
2001	40907	100.2	100.5	100.2	100.0	100.0	100.0	95.8	100.1
2002	43130	99.4	100.6	99.9	99.7	99.4	99.8	97.0	99.7
2003	45743	98.9	100.6	99.6	99.4	99.1	99.7	97.8	99.4
2004	47124	99.0	100.5	99.6	99.3	99.2	99.7	97.8	99.4
2005	49149	99.0	100.7	99.8	99.5	99.5	100.0	97.8	99.7
2006	50862	99.0	100.3	99.5	99.2	99.3	100.0	98.1	99.3
2007	52901	98.7	100.4	99.5	99.2	99.3	100.1	98.7	99.3
2008	59109	99.3	100.2	99.9	99.3	99.8	100.1	99.1	99.6
2009	59510	99.4	100.7	100.3	99.9	100.2	99.9	99.7	100.1
2010	58934	99.7	100.5	100.4	99.8	100.5	100.0	99.7	100.1
2011	59200	99.5	100.6	100.3	99.8	100.5	99.9	99.8	100.1
2012	61623	99.5	100.7	100.5	100.1	100.7	100.2	99.8	100.3
2013	62974	99.4	100.9	100.7	100.3	100.9	100.3	100.1	100.5
2014	62524	99.3	101.4	101.0	100.9	101.2	100.4	100.3	101.0

2015	58366	99.2	101.6	101.1	101.1	101.3	100.2	100.6	101.2
2016	50765	99.1	101.9	101.2	101.3	101.3	100.1	101.1	101.3
2017	29287	99.1	102.1	101.5	101.6	101.6	100.1	101.6	101.7

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	26	100.7	83.4	100.9	104.0	106.3
1981	37	101.3	96.4	100.3	102.6	104.2
1982	43	100.7	90.3	99.8	102.3	103.9
1983	73	101.1	88.7	99.5	101.9	103.6
1984	143	100.1	93.0	99.2	101.4	103.2
1985	215	100.6	95.1	99.3	101.7	103.4
1986	350	100.7	97.2	99.0	101.0	102.9
1987	551	100.1	97.6	98.4	100.2	102.0
1988	922	100.0	98.5	98.8	100.3	102.1
1989	1238	99.7	98.5	98.7	100.0	102.2
1990	1906	100.0	99.3	98.4	99.5	101.7
1991	3122	100.7	99.9	98.2	99.4	101.1
1992	4909	101.0	100.1	98.5	99.5	101.2
1993	5285	100.8	100.1	98.5	99.6	101.3
1994	6530	101.0	99.8	98.5	99.2	101.0
1995	7202	101.1	99.5	98.4	99.0	100.8
1996	8361	101.1	99.6	98.4	98.8	100.6
1997	9739	101.3	100.0	98.2	98.4	100.1
1998	13474	101.0	99.3	98.7	98.9	100.1
1999	15368	100.5	99.4	98.7	98.7	99.6
2000	19259	100.6	99.1	99.0	99.0	100.2
2001	21345	100.7	99.1	98.8	98.8	99.6
2002	22075	100.6	98.9	98.5	98.3	99.1
2003	22800	100.8	99.4	98.6	98.3	99.0
2004	24312	100.7	99.2	98.9	98.4	98.9
2005	25823	101.1	99.3	99.1	98.6	99.0
2006	26433	101.3	100.0	99.3	98.8	99.1
2007	26050	101.3	100.0	99.4	98.7	99.1
2008	27940	101.0	100.0	99.5	98.8	99.1
2009	28431	100.3	100.1	100.1	99.6	100.0
2010	29007	100.3	100.2	100.4	99.7	99.9
2011	28277	100.4	100.4	101.0	100.2	100.1
2012	28088	100.4	100.5	101.5	100.7	100.3
2013	27083	100.8	101.0	101.8	100.8	100.5
2014	24752	100.8	101.4	101.9	101.0	100.4
2015	20932	100.9	101.2	102.4	101.3	100.6
2016	16781	101.0	101.3	103.0	101.8	101.0
2017	2345	100.6	101.7	103.4	102.1	101.1

Tabel: 24 Holstein Friesian - roodbont: NVI met onderliggende kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	35	-206.5	-497.1	-81.5	105.9	104.3	92.0	88.3	99.0
1981	58	-214.5	-497.3	-82.4	103.9	104.6	91.4	88.6	98.6
1982	86	-207.7	-472.0	-112.2	103.6	104.1	91.3	89.7	98.8
1983	112	-218.7	-482.6	-131.7	103.3	103.2	91.9	90.1	98.6
1984	254	-225.5	-462.3	-215.2	102.7	102.6	92.6	89.4	98.7

1985	406	-196.4	-474.8	-244.7	103.0	103.6	93.2	89.7	99.2
1986	683	-196.2	-446.2	-272.9	102.3	103.0	93.6	89.7	99.0
1987	1197	-202.3	-435.0	-334.6	101.4	103.2	93.1	90.5	99.1
1988	2400	-200.0	-421.7	-365.6	101.5	102.9	93.2	91.1	99.2
1989	3570	-195.7	-405.9	-365.4	101.4	102.7	93.2	91.3	99.0
1990	4828	-201.0	-404.5	-383.5	100.9	102.6	93.3	91.4	98.6
1991	6457	-197.0	-383.3	-374.2	100.4	102.4	93.6	91.4	98.7
1992	8424	-191.5	-378.6	-342.6	100.5	102.5	93.8	91.7	98.7
1993	9966	-185.1	-366.1	-321.8	100.7	102.4	94.1	91.7	99.2
1994	12170	-186.2	-319.5	-374.3	100.3	101.8	92.9	91.0	99.0
1995	13599	-184.1	-309.2	-368.6	100.0	101.4	93.2	91.4	99.2
1996	15359	-174.5	-280.6	-336.5	99.8	100.7	93.3	92.3	99.0
1997	16775	-168.2	-261.7	-322.1	99.3	100.5	93.9	93.2	99.3
1998	23184	-160.3	-236.1	-344.0	99.5	100.4	93.8	93.2	99.2
1999	26203	-146.8	-216.5	-313.0	99.1	100.4	94.7	93.8	99.9
2000	32076	-121.6	-189.5	-224.9	99.7	100.2	95.7	95.0	99.8
2001	36317	-114.8	-167.4	-202.5	99.2	100.1	95.7	95.0	99.6
2002	37109	-107.5	-138.5	-195.0	98.6	99.7	96.3	95.4	99.3
2003	38829	-98.9	-119.3	-170.8	98.6	99.4	97.1	95.8	98.9
2004	40625	-84.2	-89.8	-162.1	98.5	99.4	97.1	96.2	98.9
2005	43437	-66.1	-67.2	-128.2	98.7	99.7	97.3	96.6	98.9
2006	45897	-55.7	-56.2	-79.9	98.9	99.3	97.9	97.4	99.0
2007	45853	-44.9	-39.7	-54.6	98.8	99.3	98.4	97.7	98.8
2008	49878	-33.1	-24.9	-21.8	98.9	99.6	98.7	97.6	99.3
2009	50343	-20.2	-28.1	17.6	99.8	100.1	99.5	98.7	99.1
2010	50998	-3.3	-2.6	39.5	99.8	100.1	100.0	99.5	99.3
2011	51406	15.8	19.6	76.7	100.1	100.1	100.5	100.5	99.5
2012	52820	32.9	33.7	117.4	100.5	100.3	100.9	101.0	99.9
2013	54599	45.9	44.7	152.8	100.7	100.5	101.5	101.4	99.9
2014	53254	60.9	59.3	179.7	100.7	101.0	102.2	101.9	100.5
2015	46477	76.6	76.1	216.8	101.0	101.2	103.1	102.2	100.6
2016	39590	92.4	94.2	248.2	101.5	101.3	103.6	102.5	100.9
2017	10705	105.2	110.6	277.2	101.7	101.7	104.0	103.0	101.3

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1984	21	94.5	94.0	99.1	97.9	93.0	97.9	96.1
1985	15	95.1	94.9	98.9	98.0	94.3	98.2	96.5
1986	27	95.8	97.0	99.0	96.7	96.1	98.3	96.5
1987	57	95.5	95.5	99.4	97.3	95.5	98.0	96.3
1988	122	95.4	94.9	99.7	97.8	94.9	97.5	96.1
1989	179	96.2	95.6	100.0	98.2	95.9	97.9	96.5
1990	261	96.2	95.3	99.9	98.5	95.6	98.0	96.3
1991	499	94.4	95.3	97.7	95.9	96.2	97.8	97.4
1992	594	94.3	95.6	97.5	95.5	96.7	97.9	97.5
1993	713	94.3	95.5	97.6	95.8	96.1	97.8	97.2
1994	1803	95.6	97.0	99.2	95.4	97.0	98.9	96.9
1995	2886	95.9	97.1	99.5	95.8	96.9	99.3	96.7
1996	3190	95.4	95.9	99.4	96.6	95.3	99.1	96.4
1997	6383	95.4	95.4	99.7	97.2	94.9	98.3	95.7
1998	10399	95.7	96.0	99.6	97.4	95.1	97.8	95.9
1999	12680	96.4	96.6	100.1	97.8	95.4	98.4	96.2
2000	16982	96.7	97.4	99.8	97.8	95.9	99.2	96.3
2001	18382	96.6	97.6	99.5	97.3	96.4	99.0	96.4
2002	19961	96.4	97.4	99.3	97.5	96.3	98.8	96.1
2003	22002	96.8	97.8	99.2	97.9	96.5	98.6	96.5
2004	24243	97.4	98.5	99.6	98.2	97.0	98.7	96.8
2005	25736	98.3	99.1	100.2	98.8	97.5	99.1	97.3

2006	26471	98.3	99.2	99.8	98.8	97.8	99.1	98.0
2007	26363	98.8	99.9	99.7	99.0	98.5	99.4	98.6
2008	28461	98.8	99.8	99.5	99.0	98.8	99.5	99.0
2009	29104	99.0	99.9	99.4	99.2	99.3	99.5	99.3
2010	29446	99.3	100.1	99.3	99.5	99.6	99.8	99.3
2011	28954	99.8	100.8	99.3	99.7	100.3	100.0	99.5
2012	29031	100.5	101.5	99.7	100.1	101.0	100.5	99.9
2013	28819	100.8	101.8	99.7	100.2	101.4	101.0	100.2
2014	26880	101.3	101.7	100.2	100.6	101.5	101.7	100.2
2015	23216	101.8	101.9	100.7	101.1	101.7	102.3	100.3
2016	18655	102.5	102.2	101.3	101.6	102.1	102.8	100.1
2017	2670	102.5	102.2	101.3	101.7	102.4	102.8	99.9

Tabel: 26 Holstein Friesian - roodbont: Levensvatbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	21	96.8	101.0	96.8	101.0	97.4	99.9
1981	38	95.4	101.5	95.4	101.5	96.2	99.6
1982	48	96.0	101.4	96.0	101.4	96.8	99.5
1983	66	95.0	101.7	95.0	101.7	95.8	99.4
1984	157	95.4	101.3	95.4	101.3	96.0	99.0
1985	220	96.2	101.3	96.2	101.3	97.2	99.9
1986	450	96.0	101.3	96.0	101.3	96.9	99.8
1987	788	95.8	101.6	95.8	101.6	96.7	100.2
1988	1485	96.1	101.5	96.1	101.5	97.0	99.8
1989	2313	96.1	101.3	96.1	101.3	96.9	99.7
1990	3649	95.9	101.1	95.9	101.1	96.7	99.3
1991	5993	95.9	101.3	95.9	101.3	96.8	99.5
1992	8394	96.0	101.3	96.0	101.3	96.8	99.5
1993	11530	96.4	101.5	96.4	101.5	97.3	99.7
1994	15165	96.2	101.5	96.2	101.5	97.8	99.4
1995	18239	96.4	101.6	96.4	101.6	97.7	99.4
1996	21756	96.6	101.4	96.6	101.4	97.7	99.7
1997	24790	96.8	101.5	96.8	101.5	97.9	99.8
1998	34438	96.9	101.3	96.9	101.3	97.9	99.4
1999	39523	97.4	101.8	97.4	101.8	98.1	100.1
2000	48213	97.7	101.4	97.7	101.4	98.5	100.6
2001	50811	97.8	101.2	97.8	101.2	98.5	100.5
2002	54761	97.8	100.8	97.8	100.8	98.3	100.2
2003	56322	97.8	100.4	97.8	100.4	98.2	100.0
2004	57554	97.9	100.2	97.9	100.2	98.5	100.1
2005	57707	98.1	100.1	98.1	100.1	99.0	100.2
2006	56954	98.4	100.0	98.4	100.0	99.2	100.1
2007	57248	98.6	99.7	98.6	99.7	99.3	99.9
2008	64355	99.1	99.8	99.1	99.8	99.7	99.9
2009	67550	99.0	99.6	99.0	99.6	100.0	99.8
2010	67357	99.2	99.8	99.2	99.8	100.4	100.0
2011	66401	99.5	99.8	99.5	99.8	101.0	100.1
2012	68657	100.0	99.9	100.0	99.9	101.4	100.3
2013	70016	100.2	99.7	100.2	99.7	101.9	100.3
2014	71313	100.5	100.1	100.5	100.1	102.3	100.6
2015	70572	100.2	100.4	100.2	100.4	102.3	100.8
2016	67948	100.3	100.7	100.3	100.7	102.7	100.9
2017	57086	100.4	101.0	100.4	101.0	103.0	101.0
2018	53203	100.7	101.6	100.7	101.6	103.1	101.3
2019	20630	100.9	101.8	100.9	101.8	103.4	101.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	25	101.0	102.6	98.7	93.6	96.2	98.9
1981	36	99.4	102.6	100.5	92.6	94.8	96.8
1982	45	98.4	103.0	101.3	87.7	89.4	91.9
1983	71	98.2	103.3	101.6	93.4	94.7	96.6
1984	165	98.3	103.0	101.4	96.1	98.0	99.9
1985	222	99.3	102.0	100.3	90.3	91.5	92.6
1986	382	99.3	101.8	100.3	95.5	96.0	97.0
1987	593	99.3	101.8	100.3	96.7	97.6	98.8
1988	1037	99.8	101.5	99.9	97.8	98.9	99.9
1989	1415	99.3	102.1	100.3	97.0	98.6	99.6
1990	2165	98.9	102.1	100.7	97.4	99.6	100.6
1991	3162	98.6	101.9	101.0	97.9	99.8	99.9
1992	4208	98.7	101.9	100.9	98.5	99.9	99.5
1993	4605	98.9	101.6	100.7	98.9	99.4	99.1
1994	6488	98.0	101.8	101.5	99.1	99.2	100.2
1995	7616	97.8	102.1	101.8	99.3	99.3	99.9
1996	8974	97.9	102.3	101.8	99.1	99.5	99.7
1997	10037	98.1	102.5	101.7	99.4	100.2	99.7
1998	13883	97.6	102.2	102.0	99.2	100.3	100.1
1999	16005	98.1	101.3	101.7	99.8	99.9	99.3
2000	20603	98.3	100.5	101.4	100.1	99.1	98.8
2001	23487	98.0	100.5	101.8	99.7	99.1	99.5
2002	24636	97.6	101.4	102.1	99.4	99.7	99.9
2003	26670	97.2	101.4	102.5	99.4	100.1	99.7
2004	28205	97.4	101.1	102.4	99.8	100.6	99.9
2005	31663	97.7	101.1	102.1	100.0	100.7	99.9
2006	33051	98.1	100.6	101.9	99.6	100.7	100.0
2007	37227	98.4	100.7	101.6	99.4	101.0	100.5
2008	42902	98.9	100.3	101.3	99.7	100.8	100.6
2009	46520	98.8	100.1	101.5	100.2	100.7	100.2
2010	47160	98.9	99.9	101.5	100.3	100.4	100.2
2011	46963	99.0	100.0	101.5	100.4	100.4	100.4
2012	48089	99.5	99.9	101.1	100.5	100.2	100.4
2013	48598	99.8	99.6	100.8	100.6	100.2	100.6
2014	49111	100.0	99.2	100.6	101.1	99.8	100.3
2015	47481	100.0	99.0	100.6	101.4	99.9	100.5
2016	42069	100.4	98.9	100.2	101.8	100.0	100.5
2017	29580	100.6	98.8	100.0	101.9	100.2	100.6
2018	25295	100.8	98.4	99.7	102.6	100.4	100.5
2019	9829	101.0	98.0	99.5	103.0	100.4	100.5

Tabel: 28 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	24	104.8	110.0	95.0	101.4	107.6	97.4	104.1	99.1	107.8	100.4	98.3
1981	41	104.5	108.9	95.7	101.9	107.5	98.0	104.6	97.0	107.4	98.4	100.0
1982	54	104.4	108.1	96.3	101.1	106.3	96.9	104.1	98.2	107.2	98.3	102.9
1983	73	104.2	107.5	96.6	101.4	105.7	97.6	104.1	98.0	106.8	98.4	103.0
1984	172	104.0	106.5	97.2	100.9	105.0	97.4	104.3	97.9	106.3	98.5	102.6
1985	259	104.2	107.5	96.1	101.4	105.3	97.1	104.3	98.3	106.5	98.5	102.6
1986	451	104.2	106.4	96.5	100.9	105.0	97.1	104.3	98.4	106.1	98.7	102.3
1987	796	104.4	107.0	96.8	101.0	106.1	97.0	104.6	97.6	107.0	98.3	103.1
1988	1377	104.3	106.7	96.9	100.6	106.1	96.9	104.4	97.5	106.8	98.1	102.8

1989	2133	104.0	106.7	97.3	100.6	105.6	97.4	104.1	97.5	106.4	98.4	102.7
1990	3338	104.0	106.9	97.4	100.8	105.7	97.5	104.0	97.6	106.7	98.6	102.6
1991	5058	103.9	105.7	97.8	100.2	105.3	97.4	104.0	97.8	106.1	98.4	102.3
1992	7652	104.0	106.1	97.7	100.2	105.6	97.4	104.0	98.0	106.4	98.4	102.2
1993	9247	103.6	105.3	97.9	100.0	104.9	97.5	103.7	97.9	105.7	98.5	101.8
1994	11943	104.1	106.3	98.0	101.2	105.0	98.1	103.8	98.6	106.3	98.6	103.8
1995	13635	103.9	105.9	98.5	101.1	104.6	98.6	103.5	98.9	105.8	99.1	103.4
1996	17367	103.4	105.7	98.8	101.0	104.2	98.9	103.2	98.4	106.0	99.0	103.5
1997	21015	103.0	105.4	98.6	101.0	103.7	99.0	102.8	98.5	105.5	98.8	103.1
1998	27181	102.9	104.7	98.7	100.9	103.5	98.6	102.6	98.7	105.0	98.2	103.2
1999	33737	102.5	104.5	98.4	100.8	103.1	98.5	102.3	98.7	104.6	98.0	102.9
2000	37887	102.4	103.7	98.4	100.5	102.6	98.7	101.7	99.8	104.3	98.0	102.5
2001	42075	102.2	103.1	99.4	100.2	102.4	99.3	101.5	100.0	103.8	98.7	102.2
2002	47870	102.4	102.9	99.8	100.4	102.4	99.5	101.8	100.0	103.6	99.0	102.2
2003	47999	102.3	102.3	100.2	100.3	102.0	99.6	101.7	100.3	102.9	99.2	101.9
2004	49724	102.2	101.8	100.0	100.3	101.7	99.3	101.6	100.5	102.6	98.7	102.0
2005	50866	101.4	101.4	100.1	100.0	101.2	99.7	100.9	100.1	102.2	98.8	101.7
2006	50715	101.4	100.9	100.3	99.7	100.9	99.7	100.8	100.6	101.8	99.1	101.2
2007	47430	100.9	100.6	100.4	99.5	100.5	99.9	100.6	100.2	101.3	99.3	100.8
2008	49777	101.0	100.2	100.4	99.3	100.4	99.9	100.8	100.2	101.0	99.5	100.6
2009	51215	100.5	100.4	99.8	99.8	100.1	100.1	100.5	99.4	100.8	99.5	100.5
2010	47124	100.4	99.7	100.2	99.2	99.9	99.9	100.4	99.7	100.4	99.4	100.2
2011	40747	100.3	99.1	100.3	98.8	99.7	99.8	100.3	99.7	100.2	99.3	100.1
2012	34348	100.3	98.9	100.5	98.5	99.8	99.7	100.4	99.5	100.2	99.3	100.1
2013	31514	100.4	98.7	100.7	98.3	99.9	99.6	100.5	99.4	100.2	99.4	100.2
2014	27672	100.2	98.2	101.2	98.4	99.8	99.8	100.5	99.3	99.7	99.8	100.0
2015	23164	100.1	97.8	101.5	98.2	99.4	100.1	100.4	99.3	99.5	100.0	99.9
2016	18811	99.8	97.8	101.5	98.3	99.2	100.1	100.3	98.6	99.4	100.0	99.9
2017	2543	99.9	97.9	101.5	98.5	99.3	100.0	100.5	98.4	99.5	99.9	100.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	21	99.6	100.6	100.2
1981	35	99.5	100.3	100.1
1982	48	99.1	100.1	99.5
1983	66	99.3	100.0	99.7
1984	156	99.1	99.8	99.5
1985	220	99.4	100.0	100.0
1986	458	99.0	99.7	100.1
1987	798	99.2	99.6	100.0
1988	1505	99.1	99.6	100.0
1989	2360	99.1	99.5	100.0
1990	3726	99.1	99.6	99.7
1991	5940	98.5	99.2	99.8
1992	8225	98.2	99.0	99.8
1993	11912	98.3	99.3	99.9
1994	17155	98.8	99.7	99.9
1995	19749	98.9	99.9	99.5
1996	23616	98.8	100.0	98.9
1997	27035	98.6	99.8	98.8
1998	37345	98.7	99.8	99.3
1999	42960	99.0	100.0	99.7
2000	51998	98.9	100.0	100.0
2001	54489	99.2	100.0	100.0
2002	59112	99.5	100.2	99.9
2003	60683	99.6	100.3	99.8
2004	61459	100.1	100.6	100.2
2005	61438	100.4	100.6	100.6

2006	60098	100.4	100.7	100.3
2007	60249	100.5	100.6	100.2
2008	67786	100.3	100.4	100.1
2009	71199	100.3	100.1	100.4
2010	70586	100.1	99.9	100.2
2011	69591	100.3	100.1	100.2
2012	72071	100.8	100.4	100.5
2013	73337	101.0	100.5	100.7
2014	74858	100.7	100.3	100.5
2015	74566	100.9	100.4	100.4
2016	72647	101.3	100.8	100.5
2017	62758	101.6	101.2	100.9
2018	58851	101.7	101.1	101.1
2019	21923	101.8	101.2	101.0

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36330	-1936.2	-8175.1	-305.7	-288.5
2002	37172	-1802.6	-7601.6	-280.8	-270.6
2003	38862	-1595.8	-6861.1	-244.8	-241.1
2004	40687	-1444.1	-6338.0	-216.6	-220.3
2005	43527	-1160.8	-5219.4	-170.2	-178.7
2006	46043	-834.5	-3810.9	-120.0	-129.5
2007	46021	-619.7	-2960.0	-83.2	-98.7
2008	50166	-364.9	-1949.9	-44.3	-59.9
2009	50705	-129.2	-921.5	-8.7	-24.0
2010	51491	112.3	-22.6	31.5	11.3
2011	51950	439.5	1251.5	88.7	57.5
2012	53479	766.6	2543.6	145.1	104.1
2013	55280	1048.0	3614.1	190.6	145.9
2014	54180	1298.8	4631.1	231.3	182.8
2015	47888	1621.2	5887.3	283.6	230.5
2016	41661	1918.8	7131.2	334.0	273.1
2017	16967	2289.9	8655.6	393.8	327.8
2018	8699	3210.9	12075.8	548.3	462.0
2019	3264	3876.4	14184.9	672.4	553.7

Tabel: 31 Holstein Friesian - roodbont: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1982	11	100.1	98.8	101.1
1983	21	101.3	97.3	101.1
1984	41	100.2	97.7	100.7
1985	31	100.2	98.1	101.0
1986	65	101.1	97.4	101.2
1987	78	101.1	96.9	101.1
1988	136	101.0	97.0	101.4
1989	175	101.2	97.0	101.4
1990	211	100.9	96.7	101.4
1991	325	101.3	96.9	101.4
1992	457	101.6	96.7	101.3
1993	514	101.7	96.5	101.3
1994	790	101.7	93.5	102.1

1995	859	101.7	94.2	102.0
1996	1126	101.9	94.3	101.9
1997	1519	101.8	94.6	101.5
1998	2258	101.5	94.4	101.6
1999	2906	101.0	94.7	101.7
2000	3891	101.3	95.2	101.1
2001	4696	101.4	95.6	100.9
2002	5397	101.4	96.2	100.9
2003	5984	101.2	96.9	100.7
2004	6896	101.3	97.3	100.9
2005	7836	101.5	97.5	101.1
2006	8886	101.6	98.2	100.7
2007	9186	101.6	98.7	100.6
2008	11273	101.3	99.0	100.4
2009	13033	100.4	99.4	100.7
2010	14838	100.5	100.1	100.3
2011	15304	100.6	101.5	100.0
2012	15768	100.7	102.7	99.8
2013	16805	101.1	103.9	99.5
2014	16268	101.1	105.2	99.5
2015	14422	101.1	106.4	99.3
2016	12704	101.0	107.3	99.3
2017	4257	100.7	107.4	99.1

Tabel: 32 Holstein Friesian - roodbont: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	36	97.1	98.8	0	0.0	0	0.0
1981	58	96.6	98.8	3	-3.8	0	0.0
1982	86	97.1	99.2	1	-4.2	0	0.0
1983	113	96.8	98.5	1	-4.7	0	0.0
1984	254	96.2	97.9	2	-2.8	0	0.0
1985	407	95.6	97.7	443	-4.9	0	0.0
1986	688	96.0	97.7	761	-4.5	0	0.0
1987	1200	95.6	97.7	1279	-4.2	0	0.0
1988	2407	96.0	97.6	2433	-4.0	0	0.0
1989	3577	96.1	97.7	3588	-3.9	0	0.0
1990	4830	96.0	97.6	4845	-3.8	0	0.0
1991	6459	96.1	97.1	6538	-3.6	0	0.0
1992	8427	96.0	97.1	8532	-3.6	0	0.0
1993	9974	95.9	97.0	9975	-3.5	0	0.0
1994	12173	95.5	97.1	12162	-2.8	0	0.0
1995	13607	96.1	97.2	13598	-2.7	0	0.0
1996	15367	96.2	97.0	15353	-2.4	0	0.0
1997	16778	96.1	96.8	16761	-2.2	0	0.0
1998	23188	96.1	97.1	23183	-2.0	0	0.0
1999	26206	96.0	97.0	26185	-1.8	0	0.0
2000	32083	96.6	97.5	32066	-1.6	0	0.0
2001	36325	97.3	97.7	36301	-1.4	21977	97.9
2002	37115	97.2	97.5	37112	-1.1	22737	98.4
2003	38834	97.3	97.6	38837	-0.9	23755	99.0
2004	40625	97.4	97.8	40681	-0.7	25300	99.2
2005	43438	97.7	98.0	43518	-0.5	27014	99.1
2006	45899	98.4	98.5	45978	-0.4	27814	99.4
2007	45855	98.6	98.5	45950	-0.3	27659	99.5
2008	49883	98.8	98.9	50051	-0.2	29661	99.5
2009	50352	98.6	99.3	50574	-0.1	30351	100.3
2010	51005	98.9	99.4	51269	0.0	30747	100.1
2011	51411	99.4	99.5	51722	0.2	30159	100.2

2012	52825	99.6	99.7	53211	0.3	30096	100.2
2013	54604	99.9	99.9	55035	0.4	29494	100.3
2014	53254	100.3	99.9	53876	0.5	27403	100.5
2015	46477	100.8	100.3	47626	0.6	23755	100.8
2016	39590	101.4	100.2	41413	0.9	19236	101.3
2017	10705	101.6	99.9	16660	1.1	2640	101.9
2018	0	0.0	0.0	8721	1.4	0	0.0
2019	0	0.0	0.0	3351	1.5	0	0.0

Tabel: 33 Holstein - Fries Hollands zwartbont: Melkproductiekenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	1436	-2447.7	-76.0	-86.5	-111.1	45.1	-1.5	0.8	-547.6
1981	3583	-2391.4	-71.0	-82.9	-108.6	48.8	1.0	0.7	-521.7
1982	7639	-2357.2	-70.1	-82.8	-107.0	47.8	-0.6	0.7	-518.7
1983	15861	-2231.0	-65.8	-79.2	-101.3	45.3	-1.8	0.7	-493.3
1984	27530	-2230.7	-65.7	-78.1	-101.2	45.6	-0.0	0.7	-488.8
1985	45245	-2275.8	-65.8	-77.9	-103.3	48.9	2.8	0.7	-488.6
1986	65844	-2268.0	-64.3	-75.9	-103.0	50.9	5.5	0.7	-477.2
1987	86067	-2185.4	-62.3	-73.2	-99.2	48.0	5.3	0.7	-460.5
1988	112326	-2101.3	-59.0	-70.1	-95.3	47.0	5.5	0.7	-439.9
1989	115862	-2033.8	-55.2	-67.9	-92.3	47.7	5.2	0.7	-422.0
1990	99223	-1967.6	-53.6	-65.5	-89.2	45.6	5.3	0.7	-407.8
1991	78152	-1793.5	-48.4	-59.5	-81.3	41.4	5.1	0.7	-370.1
1992	62020	-1639.4	-46.0	-55.3	-74.3	34.6	3.2	0.7	-345.8
1993	51146	-1561.2	-44.1	-52.6	-70.7	32.1	3.2	0.6	-329.7
1994	37772	-1443.3	-42.1	-49.3	-65.3	27.6	2.1	0.6	-310.1
1995	33408	-1342.0	-38.2	-45.6	-60.7	26.7	2.2	0.6	-285.5
1996	25249	-1257.5	-35.9	-42.5	-56.9	24.6	2.4	0.6	-267.0
1997	18329	-1205.4	-32.9	-40.0	-54.5	25.6	3.4	0.6	-249.5
1998	14010	-1134.2	-30.9	-37.8	-51.3	23.9	3.0	0.6	-235.3
1999	11002	-1067.2	-28.4	-35.2	-48.2	23.4	3.3	0.6	-218.4
2000	8416	-943.8	-24.6	-31.7	-42.7	21.2	2.2	0.5	-194.5
2001	6995	-872.1	-21.9	-28.7	-39.6	20.6	2.9	0.3	-175.4
2002	5397	-797.1	-21.8	-26.7	-36.1	16.5	2.1	0.4	-166.1
2003	4829	-748.9	-19.4	-25.2	-34.8	16.8	1.7	-0.7	-154.7
2004	4251	-651.4	-16.9	-21.9	-30.1	14.4	1.6	-0.4	-134.6
2005	3783	-598.0	-16.0	-20.5	-27.4	12.6	1.0	-0.1	-125.9
2006	3424	-518.7	-14.0	-16.8	-22.9	10.9	2.2	0.9	-105.0
2007	2977	-413.7	-12.7	-14.1	-18.1	7.0	1.0	1.0	-89.9
2008	2834	-310.1	-11.3	-11.2	-13.3	3.4	0.2	1.0	-73.5
2009	2414	-311.3	-9.7	-10.1	-13.3	5.2	1.4	1.1	-65.7
2010	2106	-269.5	-8.6	-8.3	-11.6	4.5	1.9	0.9	-55.4
2011	1771	-206.0	-6.2	-6.3	-8.0	3.9	1.6	1.7	-41.0
2012	1647	-184.8	-2.4	-4.0	-7.2	7.3	3.4	1.4	-23.8
2013	1599	-165.2	-1.8	-3.0	-6.3	7.0	3.8	1.5	-17.9
2014	1390	-87.0	-0.2	-1.0	-2.9	5.1	3.0	1.2	-5.2
2015	1135	-10.3	4.1	1.7	1.0	6.2	2.9	1.6	16.1
2016	788	-22.5	7.7	2.7	1.4	10.7	4.5	2.8	27.6
2017	169	5.8	9.6	4.2	3.1	11.4	5.1	3.3	38.3

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

Tabel: 34 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bouw
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
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1980	2040	86.1	97.2	88.5	88.7	104.7	96.2	94.9
1981	5035	86.5	97.8	88.9	89.0	105.7	95.9	95.0
1982	11484	86.4	98.0	89.3	89.3	105.7	95.8	95.6
1983	21621	86.8	98.0	89.5	89.6	105.2	95.5	95.6
1984	30723	87.0	98.1	90.2	90.2	104.9	95.6	95.7
1985	42158	87.0	98.2	90.4	90.2	105.0	95.5	95.7
1986	53333	87.2	98.4	90.7	90.4	104.9	95.2	95.6
1987	59234	88.0	98.3	91.3	90.9	104.3	95.5	96.4
1988	63535	88.3	98.5	92.3	91.5	103.9	95.6	97.1
1989	58688	88.8	98.7	92.7	92.0	103.6	96.0	97.2
1990	49450	89.1	98.5	92.8	92.1	103.3	96.5	97.1
1991	39691	89.8	99.0	93.0	92.4	103.0	96.5	96.7
1992	32121	90.2	99.1	93.3	92.7	102.6	96.7	96.8
1993	24728	90.4	98.9	93.3	92.5	102.3	96.6	96.9
1994	17215	90.5	98.4	93.5	92.9	101.6	97.1	97.3
1995	14829	90.7	98.1	93.5	93.1	101.3	96.9	96.6
1996	10756	91.2	98.4	93.8	93.7	101.1	97.1	96.6
1997	7707	91.8	98.2	94.1	94.0	100.9	97.3	96.5
1998	5741	92.2	98.4	94.7	94.6	100.7	97.0	96.6
1999	4446	92.7	98.5	95.0	94.9	100.5	97.8	96.7
2000	3342	93.6	98.4	95.6	95.5	100.1	98.3	97.3
2001	2722	94.1	98.3	95.6	96.2	99.8	98.3	97.4
2002	2140	94.4	98.0	95.7	96.4	99.5	98.6	97.3
2003	1834	94.9	98.6	96.3	96.9	99.2	98.6	97.3
2004	1629	95.3	98.2	96.5	97.2	98.8	99.0	97.3
2005	1480	95.9	98.6	96.8	97.2	99.0	99.4	98.0
2006	1243	96.5	99.4	97.3	97.1	99.8	99.3	98.8
2007	983	96.9	99.1	97.4	97.6	99.1	99.5	98.8
2008	951	97.7	99.6	98.2	98.2	99.4	99.8	99.4
2009	819	97.2	99.3	97.7	97.3	99.9	99.3	99.0
2010	665	97.5	99.1	97.5	97.9	99.7	99.4	99.0
2011	508	97.8	99.6	98.2	98.6	100.2	99.2	99.1
2012	410	98.2	100.1	98.7	99.1	100.7	99.2	98.9
2013	395	98.7	100.3	98.8	99.1	100.7	99.3	99.2
2014	319	99.2	100.2	98.8	99.5	100.4	99.8	98.7
2015	287	99.1	99.9	98.7	99.4	100.3	99.3	99.5
2016	179	98.9	100.1	98.7	99.3	100.9	99.4	99.4
2017	24	99.7	100.1	98.8	99.1	100.7	99.8	99.5

Tabel: 35 Holstein - Fries Hollands zwartbont: Exterieurkenmerken beenwerk
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	2040	93.4	99.8	93.3	90.5
1981	5035	94.5	99.7	94.0	91.7
1982	11484	94.3	100.2	94.0	91.3
1983	21621	94.6	100.3	94.4	91.7
1984	30723	94.5	100.2	94.3	91.8
1985	42158	94.7	99.8	94.6	92.0
1986	53333	95.0	99.7	94.6	92.2
1987	59234	95.3	100.0	94.8	92.4
1988	63535	95.4	100.6	94.4	92.4
1989	58688	95.6	100.8	94.6	92.6
1990	49450	95.5	100.8	94.6	92.8
1991	39691	95.3	101.0	94.3	93.2
1992	32121	95.4	101.0	94.3	93.6
1993	24728	95.9	100.9	94.5	94.0
1994	17215	96.0	100.7	94.8	94.0
1995	14829	96.1	100.6	95.1	94.7

1996	10756	96.1	101.0	94.9	94.8
1997	7707	96.2	100.8	94.9	95.2
1998	5741	96.1	101.2	94.8	95.4
1999	4446	96.3	101.4	94.8	95.3
2000	3342	96.9	101.1	95.1	96.0
2001	2722	96.8	100.6	95.3	96.2
2002	2140	96.8	100.4	95.7	96.5
2003	1834	97.2	101.0	95.0	96.7
2004	1629	97.3	100.8	95.9	96.8
2005	1480	97.8	100.8	96.3	97.3
2006	1243	97.6	100.5	96.6	97.2
2007	983	98.1	100.1	97.2	97.4
2008	951	98.4	100.0	97.4	97.8
2009	819	98.4	100.2	97.3	97.9
2010	665	98.2	99.7	97.8	98.3
2011	508	98.7	100.0	97.8	98.2
2012	410	99.0	99.9	98.0	98.6
2013	395	99.6	100.0	97.9	99.0
2014	319	100.2	100.3	97.6	99.5
2015	287	100.8	100.2	98.5	100.2
2016	179	101.2	100.0	98.6	100.9
2017	24	103.1	99.4	98.8	102.2

Tabel: 36 Holstein - Fries Hollands zwartbont: Exterieurkenmerken uier
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	2040	92.5	89.7	100.5	94.5	85.4	89.9	88.6
1981	5035	92.8	89.8	100.4	94.7	85.4	90.3	89.0
1982	11484	92.5	89.9	100.3	94.2	85.4	90.0	89.2
1983	21621	92.4	90.5	100.3	94.2	85.9	90.6	89.6
1984	30723	92.4	90.3	100.3	94.0	86.8	90.9	89.8
1985	42158	92.7	90.1	100.2	94.2	87.5	90.9	89.7
1986	53333	92.7	90.1	100.3	94.2	87.8	91.0	89.7
1987	59234	92.8	90.9	100.1	94.1	88.4	91.8	90.4
1988	63535	92.9	91.8	100.0	93.5	88.7	92.2	91.0
1989	58688	93.2	92.4	100.1	93.8	88.9	92.5	91.3
1990	49450	93.3	92.7	99.8	93.9	88.9	93.0	91.8
1991	39691	93.5	92.6	100.6	94.2	90.1	93.3	91.9
1992	32121	93.5	92.8	101.0	94.2	90.8	93.9	92.5
1993	24728	93.2	92.9	100.9	94.2	91.3	94.3	92.9
1994	17215	93.1	93.2	100.8	94.1	91.3	94.2	93.3
1995	14829	93.5	93.5	101.4	94.3	91.9	94.5	93.7
1996	10756	93.9	93.8	101.3	94.6	92.2	94.8	93.9
1997	7707	94.5	94.0	101.1	95.0	92.8	95.3	94.3
1998	5741	94.9	94.3	100.7	95.2	92.9	95.4	94.7
1999	4446	95.2	94.7	100.8	95.3	93.3	95.6	95.0
2000	3342	95.2	95.0	100.3	95.5	93.9	95.8	95.3
2001	2722	95.5	95.5	101.1	95.7	94.7	95.6	95.5
2002	2140	95.8	96.2	101.1	95.9	94.8	95.7	95.7
2003	1834	96.5	96.6	100.9	96.3	95.2	96.6	96.4
2004	1629	96.5	96.6	100.8	96.3	96.2	97.2	97.0
2005	1480	97.2	97.2	100.8	96.8	96.5	97.5	97.6
2006	1243	97.7	97.8	100.7	97.6	96.7	97.6	97.9
2007	983	98.1	98.1	100.8	97.7	96.9	98.1	98.2
2008	951	97.7	98.6	100.4	97.9	97.4	98.4	98.4
2009	819	98.4	97.9	100.3	98.4	97.0	98.2	98.1
2010	665	98.0	98.2	99.9	98.1	97.5	98.6	98.5
2011	508	98.4	98.8	99.5	98.9	97.8	98.8	98.8
2012	410	99.2	99.5	99.2	99.6	97.9	98.8	98.9

2013	395	99.5	99.6	100.0	100.1	98.2	99.0	99.0
2014	319	99.7	99.6	100.4	100.3	99.3	99.0	99.0
2015	287	100.6	100.2	99.8	100.8	99.5	99.0	99.6
2016	179	101.0	100.3	99.4	101.1	99.4	98.6	99.5
2017	24	100.8	100.4	99.9	101.3	99.2	98.0	98.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2040	90.5	92.5	88.2	89.5	0.0	84.2
1981	5035	90.7	93.5	88.4	90.8	0.0	85.3
1982	11484	91.2	94.0	88.1	90.5	0.0	85.1
1983	21621	91.2	93.9	88.4	90.9	0.0	85.5
1984	30723	91.5	94.3	88.7	91.0	0.0	85.8
1985	42158	91.6	94.4	89.1	91.2	0.0	86.2
1986	53333	91.5	94.6	89.3	91.4	0.0	86.4
1987	59234	92.3	94.9	89.8	91.7	0.0	87.1
1988	63535	93.1	95.6	89.9	91.7	0.0	87.5
1989	58688	93.5	95.8	90.2	92.0	0.0	88.0
1990	49450	93.7	95.6	90.4	92.1	0.0	88.2
1991	39691	93.7	95.7	91.1	92.3	0.0	88.7
1992	32121	94.0	95.8	91.5	92.7	0.0	89.2
1993	24728	93.9	95.4	91.6	93.1	0.0	89.4
1994	17215	94.3	95.4	91.4	93.2	0.0	89.4
1995	14829	93.8	95.2	91.9	93.8	0.0	89.8
1996	10756	94.0	95.5	92.3	93.9	0.0	90.3
1997	7707	94.2	95.7	93.0	94.2	0.0	90.8
1998	5741	94.3	96.1	93.2	94.3	0.0	91.1
1999	4446	94.9	96.3	93.5	94.3	0.0	91.5
2000	3342	95.7	96.7	93.8	95.0	0.0	92.3
2001	2722	95.7	97.0	94.3	95.1	0.0	92.6
2002	2140	95.7	96.8	94.6	95.4	0.0	92.9
2003	1834	96.2	97.2	95.2	95.6	0.0	93.6
2004	1629	96.3	97.0	95.6	95.9	0.0	93.9
2005	1480	97.0	97.4	96.1	96.5	0.0	94.8
2006	1243	97.8	98.1	96.7	96.4	0.0	95.4
2007	983	97.8	98.0	97.0	96.7	0.0	95.7
2008	951	98.7	98.8	97.2	97.1	0.0	96.4
2009	819	98.0	98.4	97.4	97.2	0.0	96.3
2010	665	98.0	98.6	97.5	97.4	0.0	96.5
2011	508	98.2	99.5	98.0	97.5	0.0	97.0
2012	410	98.5	100.1	98.6	97.9	0.0	97.7
2013	395	98.8	100.2	99.0	98.3	0.0	98.3
2014	319	98.8	100.1	99.6	98.9	0.0	98.9
2015	287	98.8	100.3	100.1	99.8	0.0	99.7
2016	179	98.9	100.5	100.2	100.4	0.0	100.0
2017	24	99.2	100.4	100.2	101.8	0.0	100.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2971	105.7	104.4	105.0	105.8	103.4	101.5	88.7	105.7
1981	7556	104.9	104.6	104.6	105.7	102.7	100.9	88.8	105.4
1982	18265	104.9	104.3	104.5	105.4	102.6	100.6	88.6	105.2

1983	34801	104.7	104.0	104.3	105.1	102.3	100.6	89.2	104.9
1984	51934	104.6	104.0	104.2	105.1	102.2	100.5	89.4	104.9
1985	73839	104.7	103.9	104.2	105.0	102.2	100.1	89.1	104.8
1986	100109	104.5	103.7	103.9	104.7	102.0	99.7	89.0	104.6
1987	122709	104.5	103.6	103.7	104.6	101.9	100.6	89.9	104.4
1988	140069	104.2	103.0	103.2	103.9	101.6	100.7	90.4	103.8
1989	138646	103.8	102.6	102.8	103.5	101.2	100.0	91.4	103.4
1990	121006	103.5	102.5	102.8	103.4	101.1	99.8	91.8	103.3
1991	98554	103.3	102.2	102.3	102.9	100.8	99.9	92.0	102.8
1992	77920	103.0	102.1	102.1	102.8	100.7	100.2	92.4	102.6
1993	63639	103.2	101.7	102.1	102.5	101.0	100.4	92.6	102.5
1994	48293	103.0	101.4	102.0	102.2	100.9	100.3	93.0	102.3
1995	40613	102.7	101.1	101.6	101.7	100.7	100.1	93.1	101.7
1996	31080	102.4	101.0	101.4	101.5	100.5	100.2	93.6	101.6
1997	22287	102.1	100.9	101.2	101.4	100.4	99.8	93.9	101.4
1998	16885	101.7	100.8	100.9	101.1	100.0	99.9	94.7	101.0
1999	12769	101.5	100.5	100.6	100.7	99.8	100.1	94.8	100.7
2000	9716	101.3	100.5	100.3	100.5	99.6	100.1	95.5	100.5
2001	8069	101.3	100.2	100.5	100.3	99.8	100.0	95.8	100.4
2002	6300	101.1	100.6	100.5	100.6	99.8	100.0	96.0	100.6
2003	5650	101.0	100.4	100.4	100.4	99.8	100.5	96.1	100.5
2004	4902	101.0	99.9	100.4	100.1	99.9	100.8	96.4	100.2
2005	4330	100.9	100.0	100.4	100.2	99.9	100.1	97.1	100.3
2006	3872	100.3	100.3	99.9	100.0	99.2	98.8	96.9	99.9
2007	3425	100.7	100.1	100.1	100.1	99.7	99.5	97.0	100.1
2008	3335	100.6	99.9	99.9	99.8	99.6	99.4	97.3	99.8
2009	2888	100.9	100.4	100.6	100.6	100.2	100.1	97.9	100.7
2010	2489	101.1	100.1	100.7	100.4	100.4	100.0	97.9	100.6
2011	2114	101.0	100.9	101.2	101.1	100.9	100.2	97.9	101.3
2012	1946	101.2	101.4	101.7	101.7	101.1	100.0	97.6	101.8
2013	1859	101.1	101.6	101.9	102.1	101.5	99.9	98.2	102.1
2014	1673	101.6	101.7	102.2	102.4	102.0	101.0	98.7	102.5
2015	1380	100.3	101.9	101.8	102.0	101.3	100.4	99.9	102.1
2016	995	100.5	101.8	101.5	102.1	101.4	99.9	99.0	102.0
2017	382	100.7	102.1	101.9	102.5	101.7	99.9	99.2	102.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	969	98.7	91.6	99.9	103.9	106.9
1981	2337	98.2	94.5	99.7	103.8	106.7
1982	4782	98.5	94.8	99.5	103.7	106.4
1983	9240	99.0	95.3	99.3	103.3	106.0
1984	13711	99.0	95.7	99.0	102.9	105.5
1985	19609	99.0	95.5	98.9	102.7	105.4
1986	26194	99.3	95.6	98.7	102.5	105.1
1987	32242	99.3	96.1	98.5	102.3	104.7
1988	36332	98.9	96.4	98.4	102.0	104.3
1989	37644	99.6	96.5	98.0	101.2	103.5
1990	34528	99.6	96.5	97.8	100.9	103.3
1991	32878	99.3	95.6	97.5	100.2	102.6
1992	32214	98.8	95.9	97.4	100.0	102.4
1993	24780	98.6	96.2	97.7	100.2	102.5
1994	17212	98.7	96.8	97.7	100.2	102.3
1995	14682	99.1	96.4	97.6	99.9	101.7
1996	10562	99.3	96.4	97.7	100.1	101.6
1997	7555	99.0	96.3	98.0	100.1	101.4
1998	5581	98.9	96.3	97.8	99.7	100.9
1999	4285	99.0	96.7	98.0	99.7	101.1

2000	3199	99.1	97.2	98.1	99.6	100.9
2001	2586	99.5	97.6	98.0	99.3	100.4
2002	2065	99.7	97.6	97.7	99.0	99.5
2003	1754	99.7	97.6	97.9	99.1	99.7
2004	1540	99.0	97.3	98.2	99.4	100.2
2005	1389	99.2	97.9	98.3	99.1	99.7
2006	1172	99.5	98.6	98.8	99.6	100.1
2007	895	99.8	98.8	99.0	99.4	100.4
2008	883	99.8	99.7	99.1	99.7	100.3
2009	743	99.7	98.8	99.3	99.6	100.2
2010	598	99.8	98.8	99.5	99.8	100.4
2011	466	100.2	99.5	100.0	100.0	100.2
2012	373	100.0	99.9	100.8	101.3	101.3
2013	344	100.2	98.8	100.6	100.7	100.8
2014	275	99.9	99.3	101.5	101.5	101.4
2015	248	99.6	99.5	102.3	102.2	102.3
2016	157	99.5	99.5	102.5	102.4	102.4
2017	21	99.6	100.3	103.0	102.8	102.7

Tabel: 40 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	1435	-227.8	-547.6	-216.0	106.3	105.7	88.2	89.5	99.9
1981	3583	-217.3	-521.7	-234.6	106.1	105.4	88.4	90.8	100.0
1982	7639	-220.9	-518.7	-240.6	105.9	105.2	88.1	90.5	99.9
1983	15861	-213.6	-493.3	-256.1	105.4	104.9	88.4	90.9	100.2
1984	27530	-222.2	-488.8	-345.0	104.9	104.9	88.7	91.0	100.1
1985	45245	-202.7	-488.6	-402.5	104.8	104.8	89.1	91.2	99.9
1986	65844	-205.3	-477.2	-443.7	104.5	104.6	89.3	91.4	99.5
1987	86067	-206.4	-460.5	-476.2	104.1	104.4	89.8	91.7	99.3
1988	112326	-207.5	-439.9	-502.3	103.7	103.8	89.9	91.7	99.4
1989	115862	-206.7	-422.0	-510.6	102.8	103.4	90.2	92.0	99.2
1990	99223	-201.1	-407.8	-500.8	102.5	103.3	90.4	92.1	99.1
1991	78152	-187.2	-370.1	-455.4	101.8	102.8	91.1	92.3	99.3
1992	62020	-175.2	-345.8	-416.3	101.6	102.6	91.5	92.7	99.5
1993	51146	-166.8	-329.7	-402.3	101.7	102.5	91.6	93.1	99.8
1994	37771	-157.2	-310.1	-375.3	101.5	102.3	91.4	93.2	100.0
1995	33408	-145.0	-285.5	-313.1	101.0	101.7	91.9	93.8	99.8
1996	25249	-134.6	-267.0	-280.2	101.0	101.6	92.3	93.9	99.8
1997	18329	-125.8	-249.5	-262.5	101.0	101.4	93.0	94.2	99.7
1998	14010	-126.1	-235.3	-269.6	100.5	101.0	93.2	94.3	99.4
1999	11002	-120.6	-218.4	-254.9	100.6	100.7	93.5	94.3	99.1
2000	8416	-107.9	-194.5	-221.5	100.4	100.5	93.8	95.0	99.3
2001	6995	-99.5	-175.4	-198.6	99.9	100.4	94.3	95.1	99.4
2002	5397	-93.6	-166.1	-182.3	99.2	100.6	94.6	95.4	99.6
2003	4829	-88.3	-154.7	-179.3	99.4	100.5	95.2	95.6	99.6
2004	4251	-75.0	-134.6	-148.1	99.9	100.2	95.6	95.9	99.7
2005	3783	-71.2	-125.9	-140.7	99.4	100.3	96.1	96.5	99.7
2006	3424	-61.7	-105.0	-111.3	99.9	99.9	96.7	96.4	99.8
2007	2977	-49.6	-89.9	-82.1	99.9	100.1	97.0	96.7	99.6
2008	2834	-41.8	-73.5	-60.0	100.1	99.8	97.2	97.1	99.8
2009	2413	-31.4	-65.7	-35.9	100.0	100.7	97.4	97.2	99.9
2010	2106	-24.5	-55.4	-17.2	100.2	100.6	97.5	97.4	99.8
2011	1771	-12.1	-41.0	18.8	100.1	101.3	98.0	97.5	100.0
2012	1647	10.2	-23.8	52.6	101.4	101.8	98.6	97.9	100.3
2013	1599	16.0	-17.9	72.0	100.8	102.1	99.0	98.3	100.6
2014	1390	33.3	-5.2	111.2	101.6	102.5	99.6	98.9	101.0
2015	1135	47.7	16.1	141.0	102.5	102.1	100.1	99.8	101.0
2016	788	57.6	27.6	163.4	102.7	102.0	100.2	100.4	101.3

2017 169 72.0 38.3 214.5 103.1 102.4 100.2 101.8 101.6

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	25	97.0	96.4	98.6	98.7	97.2	99.3	99.8
1981	39	97.7	96.6	98.9	99.8	97.2	99.3	99.9
1982	62	97.6	96.8	98.9	99.5	97.7	99.1	100.1
1983	459	99.3	97.4	99.9	100.3	100.1	101.5	99.9
1984	602	99.2	97.2	100.0	100.4	99.5	101.3	99.9
1985	1087	99.5	97.6	100.1	100.3	100.3	101.8	99.7
1986	2195	99.5	97.5	100.2	100.2	100.3	101.9	99.7
1987	4007	98.1	96.7	99.7	98.8	99.1	100.9	99.6
1988	7572	98.3	96.2	100.3	99.9	97.8	100.7	99.5
1989	10593	99.1	96.4	100.9	100.9	97.6	101.3	99.5
1990	11483	99.4	96.5	101.2	101.2	97.6	101.5	99.4
1991	11443	100.1	97.0	101.6	101.6	98.3	101.2	100.2
1992	9703	100.3	97.2	101.7	101.7	98.3	101.3	100.4
1993	9037	99.4	97.0	101.0	100.9	97.9	101.1	100.2
1994	6420	99.4	96.9	101.4	100.6	98.1	101.0	99.7
1995	8881	99.6	97.8	101.4	100.3	98.5	100.6	99.3
1996	5166	99.8	98.3	101.3	100.3	98.8	100.4	99.4
1997	4727	99.5	98.3	101.2	100.1	98.3	100.3	99.1
1998	3954	99.6	98.4	101.3	100.4	98.1	99.9	98.7
1999	3174	99.0	97.6	101.1	100.2	97.1	99.7	98.5
2000	2414	99.8	98.8	101.5	100.3	98.1	100.4	98.7
2001	2066	99.7	98.9	101.3	100.0	98.2	100.6	98.5
2002	1715	99.7	99.2	101.2	100.0	98.0	100.7	98.4
2003	1514	99.5	98.8	101.0	100.1	97.8	100.3	98.4
2004	1350	99.8	98.8	100.9	100.8	98.2	100.0	98.4
2005	1214	99.9	98.8	101.0	100.8	98.6	100.1	98.8
2006	1049	99.7	99.0	100.4	100.5	98.5	100.2	99.1
2007	867	100.0	99.6	100.1	100.6	99.0	100.4	99.4
2008	837	100.3	99.9	100.4	100.9	99.4	99.8	99.3
2009	747	100.6	99.9	100.6	101.1	99.7	100.0	99.9
2010	586	100.4	100.0	100.2	100.8	100.0	99.9	100.2
2011	453	101.0	100.6	100.3	100.8	100.8	100.6	100.5
2012	400	101.1	100.7	100.2	101.1	101.0	100.5	100.7
2013	369	101.2	100.7	100.3	101.2	100.9	100.8	100.6
2014	325	101.5	100.8	100.5	101.4	101.0	101.3	100.7
2015	253	101.5	100.9	100.4	101.3	101.1	101.4	100.9
2016	165	102.0	101.3	100.9	101.6	101.7	101.6	100.6
2017	19	103.0	102.5	101.5	101.9	102.5	101.4	101.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVA1	LVg2	LVA2
1980	1051	97.7	101.6	97.7	101.6	96.6	101.4
1981	2882	97.7	101.7	97.7	101.7	96.6	101.5
1982	6312	97.6	101.8	97.6	101.8	96.7	101.2
1983	12869	98.0	101.8	98.0	101.8	97.0	101.4
1984	20393	98.1	101.6	98.1	101.6	97.0	101.0
1985	30065	97.9	101.5	97.9	101.5	96.8	100.9
1986	42379	97.7	101.2	97.7	101.2	96.5	100.6

1987	54995	97.4	101.1	97.4	101.1	96.5	100.8
1988	67253	97.4	101.1	97.4	101.1	96.8	101.0
1989	72445	97.5	100.9	97.5	100.9	97.0	100.7
1990	73037	97.7	100.9	97.7	100.9	97.1	100.6
1991	70005	98.0	100.9	98.0	100.9	97.4	100.7
1992	60038	98.2	101.0	98.2	101.0	97.6	100.8
1993	57711	98.7	101.0	98.7	101.0	97.8	101.1
1994	44303	99.1	100.9	99.1	100.9	98.2	101.0
1995	43259	99.4	100.5	99.4	100.5	98.4	100.5
1996	32808	99.4	100.5	99.4	100.5	98.5	100.6
1997	23910	99.5	100.3	99.5	100.3	98.4	100.5
1998	17801	99.5	100.0	99.5	100.0	98.5	99.9
1999	13674	99.3	99.8	99.3	99.8	98.3	99.8
2000	10110	99.2	100.1	99.2	100.1	98.3	100.0
2001	7861	99.3	100.1	99.3	100.1	98.5	100.3
2002	6235	99.8	100.0	99.8	100.0	99.3	100.4
2003	5329	99.7	100.0	99.7	100.0	99.4	100.1
2004	4550	99.9	99.9	99.9	99.9	99.5	99.9
2005	3920	99.7	100.1	99.7	100.1	99.2	100.2
2006	3324	100.0	99.8	100.0	99.8	99.3	100.0
2007	2814	99.8	99.8	99.8	99.8	99.3	100.2
2008	2762	99.6	99.8	99.6	99.8	99.6	100.4
2009	2452	99.7	100.1	99.7	100.1	100.0	100.5
2010	2080	99.7	99.9	99.7	99.9	100.2	100.4
2011	1772	100.0	99.9	100.0	99.9	100.9	100.1
2012	1642	100.3	100.2	100.3	100.2	101.2	100.4
2013	1575	100.3	100.6	100.3	100.6	101.3	100.8
2014	1389	100.9	100.5	100.9	100.5	101.6	100.9
2015	1107	100.7	100.5	100.7	100.5	101.5	100.8
2016	718	101.1	101.0	101.1	101.0	101.5	101.4
2017	344	100.9	101.2	100.9	101.2	101.2	101.5
2018	177	101.3	101.8	101.3	101.8	101.4	101.7
2019	76	101.4	100.7	101.4	100.7	101.3	100.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1167	99.5	103.6	100.1	87.1	90.5	89.8
1981	2834	99.4	103.6	100.2	90.6	94.3	94.4
1982	6141	98.5	103.9	101.0	92.2	96.6	97.0
1983	15247	98.7	103.7	100.8	95.7	99.4	99.3
1984	23062	98.8	103.6	100.6	95.9	100.0	99.9
1985	31990	99.4	103.3	100.0	95.2	100.0	99.1
1986	45439	99.2	103.2	100.2	95.3	100.4	99.3
1987	53512	99.3	102.7	100.0	96.0	100.5	99.4
1988	58377	99.3	102.6	100.0	96.3	100.0	99.0
1989	54209	98.9	102.2	100.3	95.8	100.0	98.8
1990	46718	99.0	101.8	100.3	95.3	100.0	98.8
1991	41798	99.3	101.2	100.0	95.4	99.8	99.0
1992	34009	99.5	100.9	99.8	95.7	99.8	99.1
1993	26109	99.6	101.2	99.9	95.8	99.8	99.2
1994	18579	99.5	101.6	100.1	95.7	99.3	98.7
1995	16278	99.0	101.6	100.8	95.1	98.5	98.1
1996	12264	99.2	101.3	100.7	94.8	98.4	98.0
1997	8673	99.1	101.2	100.9	94.6	98.2	97.7
1998	6241	98.9	101.1	101.2	94.7	98.6	98.1
1999	4855	98.6	101.4	101.6	95.4	98.9	98.9
2000	3745	98.4	101.7	101.9	95.3	98.3	98.5
2001	3184	98.2	101.9	102.2	95.4	98.5	98.7

2002	2605	98.9	101.4	101.4	95.5	99.3	98.3
2003	2343	99.1	101.3	101.1	95.9	99.7	98.6
2004	2141	99.1	101.2	101.1	96.6	99.6	99.2
2005	2091	98.4	101.2	101.9	96.5	98.7	99.0
2006	1835	98.7	101.1	101.5	96.3	98.4	98.9
2007	1676	98.9	100.9	101.4	97.3	99.1	99.1
2008	1654	98.5	100.7	101.6	97.9	99.3	98.7
2009	1452	98.7	100.5	101.5	98.3	99.7	98.9
2010	1235	98.6	100.8	101.6	97.4	99.0	98.0
2011	1074	99.1	100.3	101.1	98.2	99.6	98.4
2012	978	99.4	100.1	100.8	99.4	100.8	99.1
2013	894	99.5	100.1	100.7	99.5	101.2	99.2
2014	734	99.7	100.0	100.6	98.9	100.1	98.2
2015	526	100.0	99.9	100.4	99.2	100.4	98.4
2016	302	100.0	100.0	100.4	99.0	100.2	98.2
2017	150	101.0	99.8	99.5	100.5	101.5	99.6
2018	81	101.8	98.8	98.7	101.0	101.8	99.7
2019	32	101.7	98.9	99.0	101.8	100.8	99.0

Tabel: 44 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	1249	104.8	112.6	92.9	100.9	110.7	95.7	103.8	97.4	111.2	97.4	102.4
1981	3038	104.9	113.0	92.9	101.3	110.9	95.6	104.0	97.2	111.3	97.1	102.7
1982	6513	104.9	112.8	93.5	101.1	110.8	95.8	104.0	97.2	111.0	97.6	102.4
1983	12920	105.0	112.4	93.9	101.1	110.8	96.1	104.1	97.3	110.6	97.8	102.6
1984	19968	104.7	112.1	94.0	101.0	110.5	96.1	103.9	97.1	110.3	97.5	102.6
1985	29309	104.3	112.0	94.0	100.8	110.0	96.2	103.7	96.8	110.0	97.3	102.4
1986	40488	104.4	111.7	94.3	100.8	110.0	96.3	103.8	96.7	109.9	97.3	102.4
1987	51002	104.5	111.0	95.3	100.5	110.1	96.4	104.0	97.0	109.2	97.8	101.9
1988	61483	104.2	109.9	95.8	100.1	109.4	96.5	103.5	97.6	108.6	97.4	101.5
1989	65344	104.0	109.2	95.9	100.1	108.8	96.4	103.4	97.6	108.2	97.1	101.6
1990	64772	104.0	108.8	96.0	100.0	108.9	96.2	103.5	97.7	107.9	97.0	101.3
1991	60238	103.9	108.4	97.0	100.4	108.0	97.0	103.4	97.8	107.3	97.7	101.7
1992	55291	103.6	107.9	97.3	100.5	107.4	97.3	103.2	97.9	106.9	98.0	101.8
1993	47078	103.4	107.6	97.3	100.3	107.1	97.5	103.1	98.0	106.9	97.8	101.9
1994	35724	103.3	106.8	97.8	99.5	107.0	97.4	102.8	98.4	106.6	97.9	101.5
1995	32279	102.8	106.3	97.9	99.4	106.3	97.7	102.2	98.6	106.1	98.0	100.9
1996	26339	102.6	106.1	97.9	99.6	105.9	97.7	102.1	98.5	106.0	97.8	101.1
1997	21905	102.3	105.6	98.1	99.5	105.3	97.9	101.8	98.8	105.4	98.5	100.8
1998	15711	102.4	105.0	98.6	99.5	105.0	97.9	101.7	99.3	105.0	97.7	101.9
1999	13238	102.2	104.7	98.8	99.7	104.4	98.1	101.6	99.3	104.5	98.3	102.2
2000	9630	101.9	104.3	98.8	99.6	104.1	98.6	101.2	99.6	104.2	98.6	101.1
2001	7535	101.7	104.1	98.9	99.6	103.4	99.1	100.7	99.6	106.2	99.7	102.8
2002	6527	101.3	103.8	99.0	99.3	103.6	99.1	100.7	99.7	104.2	102.6	98.2
2003	5561	101.3	103.1	99.3	99.4	102.9	99.0	100.5	99.9	104.6	99.4	101.5
2004	4945	101.0	102.9	98.9	99.6	102.5	99.1	100.4	99.6	105.3	96.7	99.7
2005	4127	101.2	102.7	99.5	99.6	102.4	99.5	100.4	99.7	103.9	98.4	104.5
2006	3446	100.7	102.4	99.3	99.8	101.7	99.7	100.1	99.6	105.0	96.5	101.7
2007	2657	100.6	102.0	99.5	99.6	101.6	99.7	100.1	99.9	103.4	97.5	100.6
2008	2353	100.5	101.9	99.6	99.6	101.4	99.8	100.0	99.9	103.7	97.6	100.4
2009	2044	100.3	102.3	98.9	100.2	101.4	99.8	100.0	99.4	103.0	98.4	99.7
2010	1476	100.5	102.5	98.6	100.0	101.8	99.4	100.2	99.3	103.6	97.7	99.5
2011	930	101.7	103.6	98.0	100.4	102.5	98.7	101.3	98.9	109.2	99.3	101.2
2012	533	102.1	103.8	98.0	100.7	102.7	98.2	101.8	98.6	109.9	98.3	101.6
2013	461	101.8	103.4	98.3	100.4	102.5	98.6	101.5	98.5	109.9	98.7	101.3
2014	335	101.7	103.1	98.7	100.2	102.2	98.7	101.7	98.1	109.6	98.7	101.5
2015	281	101.6	102.8	98.6	100.0	102.3	98.5	101.6	98.0	109.1	98.7	101.0
2016	172	101.7	103.5	98.5	100.3	102.5	98.6	101.6	98.2	109.9	99.9	100.9

2017 21 101.8 104.5 98.8 100.9 102.3 98.4 101.6 98.2 110.1 98.8 101.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1076	98.8	100.1	98.4
1981	2930	98.6	100.0	98.4
1982	6405	98.6	99.9	98.3
1983	13084	98.7	100.0	98.1
1984	20801	98.4	99.9	98.0
1985	30861	98.0	99.6	97.8
1986	43570	97.5	99.3	97.6
1987	56715	97.8	99.4	98.0
1988	69637	98.2	99.7	98.4
1989	75015	97.9	99.4	98.1
1990	75574	97.9	99.4	98.2
1991	70671	98.0	99.7	98.0
1992	59246	98.1	99.9	98.1
1993	61095	98.3	100.2	98.2
1994	61240	98.5	100.2	98.5
1995	50290	98.9	100.4	98.7
1996	39204	99.1	100.6	98.7
1997	30183	99.2	100.4	99.0
1998	23005	99.2	100.3	99.0
1999	18007	99.0	99.8	99.1
2000	13763	99.4	100.1	99.3
2001	10703	99.2	99.9	99.4
2002	8769	99.1	100.1	99.9
2003	7715	99.3	100.2	99.4
2004	6705	99.5	100.1	99.4
2005	5624	99.5	100.2	99.5
2006	4803	98.8	99.6	99.7
2007	4166	99.3	99.9	99.5
2008	4193	99.1	100.2	99.0
2009	3789	98.5	99.4	99.2
2010	3134	99.8	100.7	99.3
2011	2640	99.0	100.1	98.8
2012	2385	99.3	100.3	98.9
2013	2259	99.5	100.6	98.6
2014	2059	100.0	100.9	99.3
2015	1844	100.4	101.3	99.3
2016	1522	100.2	101.3	99.8
2017	1088	100.2	101.2	100.0
2018	903	101.0	101.9	100.1
2019	281	100.7	101.6	100.0

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	6993	-1988.9	-9063.5	-307.1	-297.4
2002	5407	-1861.4	-8433.4	-289.7	-277.4
2003	4840	-1801.4	-8201.7	-277.8	-269.7
2004	4263	-1558.6	-7192.0	-238.7	-233.9
2005	3803	-1487.5	-6840.7	-228.3	-223.0

2006	3440	-1243.6	-5892.1	-190.9	-185.8
2007	2984	-1015.4	-4825.8	-155.5	-151.9
2008	2846	-821.0	-3916.1	-126.7	-122.2
2009	2435	-644.5	-3327.7	-94.9	-97.4
2010	2114	-482.0	-2665.3	-69.5	-73.1
2011	1794	-200.4	-1520.0	-20.5	-33.3
2012	1668	85.5	-560.9	32.3	6.2
2013	1625	236.3	41.5	57.7	28.0
2014	1411	538.5	1356.0	108.4	71.3
2015	1159	817.5	2413.2	159.5	109.6
2016	813	1017.5	2946.8	202.6	134.5
2017	201	1401.7	4270.3	269.8	189.4
2018	44	2437.0	8328.3	438.9	341.8

Tabel: 47 Holstein - Fries Hollands zwartbont: Robot / AMS kenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1980	93	96.7	95.8	102.5
1981	301	95.9	95.5	102.7
1982	354	96.4	95.9	102.6
1983	849	97.0	96.1	102.3
1984	1279	97.2	95.9	102.3
1985	1591	97.7	95.8	102.0
1986	2279	98.1	95.7	101.9
1987	3684	97.9	94.8	102.1
1988	5054	97.7	94.7	102.6
1989	5138	98.1	94.9	102.7
1990	4811	97.9	95.1	102.8
1991	4397	97.8	95.9	101.2
1992	3856	97.6	96.1	100.8
1993	3100	97.5	96.2	101.0
1994	2172	97.6	96.0	101.4
1995	2051	97.8	96.6	100.9
1996	1510	98.0	96.8	101.0
1997	1204	98.0	96.8	101.2
1998	889	98.1	97.1	101.0
1999	774	98.2	97.0	101.1
2000	633	98.2	97.4	100.9
2001	582	98.4	96.9	101.6
2002	566	98.6	96.9	100.1
2003	495	98.4	97.1	100.2
2004	493	98.9	97.0	100.5
2005	496	98.9	96.9	100.8
2006	454	99.5	97.1	101.1
2007	456	99.6	97.4	101.0
2008	474	98.8	98.1	99.5
2009	519	98.5	98.2	99.2
2010	541	99.1	98.4	100.2
2011	445	99.2	100.1	100.7
2012	419	99.0	101.0	100.7
2013	413	99.5	102.4	100.0
2014	361	99.5	103.2	99.9
2015	287	98.6	104.0	99.7
2016	219	98.4	104.1	99.6
2017	72	98.1	103.7	99.7

Tabel: 48 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.

Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	1436	97.1	101.8	17	-4.4	0	0.0
1981	3583	97.1	102.7	41	-4.5	0	0.0
1982	7639	97.3	102.7	29	-4.6	0	0.0
1983	15861	97.3	102.2	33	-4.0	0	0.0
1984	27530	97.0	101.8	54	-3.8	0	0.0
1985	45245	96.8	101.8	57277	-4.9	0	0.0
1986	65844	96.9	102.0	77990	-4.7	0	0.0
1987	86067	97.2	101.6	94313	-4.4	0	0.0
1988	112326	97.5	101.1	115305	-4.0	0	0.0
1989	115862	97.5	100.8	116545	-3.8	0	0.0
1990	99223	97.4	100.4	99737	-3.7	0	0.0
1991	78152	97.7	101.2	79003	-3.4	0	0.0
1992	62020	97.6	101.2	62790	-3.2	0	0.0
1993	51146	97.6	100.9	51219	-3.1	0	0.0
1994	37772	98.4	100.5	37783	-3.0	0	0.0
1995	33408	98.6	100.7	33423	-2.9	0	0.0
1996	25249	98.9	100.8	25264	-2.7	0	0.0
1997	18329	98.9	100.7	18349	-2.6	0	0.0
1998	14010	99.0	100.0	14022	-2.5	0	0.0
1999	11002	98.7	99.7	11018	-2.3	0	0.0
2000	8416	99.0	99.3	8427	-2.1	0	0.0
2001	6995	99.0	99.2	7003	-1.9	2721	95.3
2002	5397	99.3	99.3	5404	-1.9	2140	95.0
2003	4829	99.2	98.8	4837	-1.7	1834	95.5
2004	4251	99.3	98.6	4259	-1.6	1629	95.3
2005	3783	99.3	98.8	3798	-1.4	1480	96.0
2006	3424	99.6	99.1	3430	-1.2	1243	97.4
2007	2977	100.0	99.5	2980	-1.0	983	97.1
2008	2834	100.4	99.0	2842	-0.8	951	98.0
2009	2414	100.5	99.6	2423	-0.8	818	97.8
2010	2106	100.7	99.9	2109	-0.7	665	97.6
2011	1771	100.7	99.9	1775	-0.5	508	98.4
2012	1647	100.7	100.1	1650	-0.3	410	99.2
2013	1599	100.9	99.9	1602	-0.2	395	99.5
2014	1390	101.8	100.3	1395	-0.1	319	99.4
2015	1135	102.0	100.2	1143	0.1	287	99.4
2016	788	102.1	100.0	800	0.2	179	99.7
2017	169	102.0	99.9	199	0.5	24	100.0
2018	0	0.0	0.0	46	0.8	0	0.0

Tabel: 49 Holstein - Fries Hollands zwartbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14666	-800.4	-22.4	-44.6	-46.1	24.4	-26.8	-16.7	-243.6
1981	27401	-708.4	-20.2	-39.5	-41.9	20.5	-23.4	-16.5	-217.1
1982	48099	-655.3	-19.0	-38.3	-39.5	18.5	-24.4	-16.3	-208.7
1983	64049	-557.2	-15.5	-35.7	-35.0	16.9	-25.8	-16.2	-189.6
1984	75430	-569.9	-14.4	-34.9	-35.6	20.0	-23.4	-16.2	-184.2
1985	74740	-603.8	-13.7	-34.4	-37.2	24.1	-20.4	-16.3	-180.9
1986	70718	-571.7	-10.9	-31.6	-35.7	26.3	-17.5	-16.2	-163.3
1987	57316	-502.4	-8.5	-29.1	-32.5	25.0	-17.4	-16.1	-147.1
1988	46273	-402.5	-5.7	-26.4	-28.0	21.6	-18.6	-15.9	-128.7

1989	34931	-342.0	-2.5	-24.6	-25.2	22.2	-19.2	-15.8	-113.7
1990	21993	-287.6	-1.6	-22.6	-22.7	19.7	-19.0	-15.7	-102.9
1991	12812	-183.7	1.3	-19.2	-18.0	16.6	-19.2	-15.5	-81.3
1992	7384	-28.2	4.5	-14.9	-10.9	10.5	-21.1	-15.2	-55.1
1993	5602	39.2	5.4	-12.5	-7.8	7.1	-21.0	-15.1	-42.4
1994	3742	170.4	8.4	-9.0	-1.9	2.7	-22.5	-14.9	-19.7
1995	2793	209.8	11.5	-6.8	-0.1	4.7	-21.3	-14.8	-3.8
1996	2076	280.8	13.4	-3.8	3.2	2.8	-20.5	-14.7	13.4
1997	1320	280.9	15.1	-2.8	3.2	5.4	-19.0	-14.7	21.0
1998	994	306.1	14.3	-2.0	4.3	2.4	-19.1	-14.7	23.1
1999	672	379.4	18.0	1.2	7.7	2.9	-18.2	-14.6	44.8
2000	527	435.1	20.1	2.9	10.3	2.6	-18.3	-14.4	57.3
2001	398	418.5	19.8	2.4	11.9	3.1	-18.4	-10.8	55.0
2002	321	493.2	21.0	4.6	16.5	-0.1	-19.0	-9.0	67.8
2003	259	484.4	21.1	4.2	15.9	0.6	-19.3	-9.2	66.3
2004	285	494.7	22.3	5.9	15.7	1.0	-17.5	-10.2	75.6
2005	218	535.7	19.6	6.9	17.6	-4.3	-17.7	-10.1	74.8
2006	255	565.5	23.3	8.2	18.7	-1.4	-17.5	-10.5	88.4
2007	240	710.6	23.3	12.3	24.3	-10.7	-19.0	-11.8	106.7
2008	227	626.2	22.4	8.9	20.9	-6.8	-19.5	-11.2	89.8
2009	188	638.5	22.5	10.6	19.9	-7.5	-17.9	-13.7	96.6
2010	153	783.7	29.6	14.7	27.2	-6.2	-19.1	-12.3	130.4
2011	173	696.8	29.8	14.1	23.8	-0.8	-15.8	-11.7	127.6
2012	192	786.4	30.6	15.6	26.9	-5.2	-18.3	-13.0	136.3
2013	220	811.1	30.3	17.5	27.3	-7.2	-16.9	-14.0	143.5
2014	232	915.6	35.8	22.1	32.4	-5.9	-15.5	-13.4	175.5
2015	175	821.2	32.0	19.6	28.5	-5.5	-14.4	-12.9	155.9
2016	114	817.9	33.1	20.1	27.9	-3.4	-13.3	-13.5	160.4
2017	42	815.4	34.8	22.7	28.0	-0.8	-9.6	-13.1	174.7

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

Tabel: 50 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bouw
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	24161	94.2	90.6	93.8	101.6	93.3	87.5	95.6
1981	42156	94.8	91.4	94.6	102.0	94.2	87.4	95.7
1982	72126	95.3	91.8	95.3	102.6	94.3	87.4	96.3
1983	87084	95.7	92.0	95.7	103.1	93.7	87.3	96.5
1984	77597	95.7	92.0	96.1	103.4	93.5	87.3	96.6
1985	60481	95.6	92.0	96.3	103.5	93.5	87.2	96.5
1986	46450	95.9	92.0	96.5	103.8	93.3	87.1	96.1
1987	30652	96.9	91.6	96.9	104.2	92.7	87.3	96.6
1988	20106	97.6	91.7	97.9	105.1	92.1	87.4	97.4
1989	13417	98.1	92.0	98.5	105.6	91.7	87.8	97.6
1990	8379	98.5	92.0	98.6	105.8	91.4	87.9	97.4
1991	4925	99.1	92.1	98.8	106.0	91.1	87.9	97.1
1992	2917	99.6	91.7	99.0	106.4	90.4	88.1	97.2
1993	1960	99.9	91.7	98.9	106.3	90.3	88.2	97.1
1994	1247	100.3	91.4	99.4	107.1	89.8	88.7	97.5
1995	849	100.8	91.3	99.7	107.2	89.9	88.6	97.4
1996	572	101.1	91.3	99.7	107.7	89.8	88.6	97.1
1997	357	101.0	91.3	99.7	107.7	90.0	88.5	97.7
1998	256	101.3	91.4	99.7	107.5	90.3	88.3	97.6
1999	143	101.6	91.6	100.5	108.2	90.3	89.1	98.2
2000	131	101.9	91.7	100.3	108.3	90.5	89.1	99.2
2001	112	101.7	91.4	99.9	107.8	90.4	89.0	99.8
2002	112	101.8	91.1	99.5	107.6	91.0	89.4	99.5
2003	68	102.0	91.8	100.3	107.8	90.9	88.8	99.7
2004	71	101.9	93.0	100.5	107.6	91.8	89.6	99.2

2005	59	102.0	92.2	100.4	107.8	91.2	88.7	101.2
2006	50	102.8	92.3	100.9	108.4	90.4	89.2	99.9
2007	42	102.0	92.1	100.4	107.9	90.7	89.3	100.7
2008	35	103.2	92.2	101.7	109.2	89.9	89.2	101.9
2009	20	103.9	92.8	101.9	109.1	90.2	89.3	100.7
2010	15	102.6	91.9	100.9	109.2	89.7	89.2	101.3
2011	24	102.2	91.5	101.5	108.8	89.6	88.8	100.7
2012	27	104.5	91.8	102.0	109.4	89.6	89.0	100.6
2013	31	104.5	92.3	101.5	108.7	90.3	89.3	101.7
2014	43	103.7	92.1	100.6	107.7	91.1	88.8	99.9
2015	30	102.5	92.5	100.3	107.7	92.2	89.7	99.8
2016	12	105.1	93.0	102.8	110.2	90.4	89.6	101.0

Tabel: 51 Holstein - Fries Hollands zwartbont: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	24161	92.8	99.7	89.4	90.4
1981	42156	93.5	99.6	89.6	91.3
1982	72126	93.5	100.0	89.6	91.3
1983	87084	93.9	100.1	90.1	91.4
1984	77597	93.6	99.9	90.2	91.4
1985	60481	93.7	99.7	90.2	91.5
1986	46450	94.1	99.6	90.5	92.0
1987	30652	94.4	100.0	90.5	92.2
1988	20106	94.7	100.8	90.0	92.3
1989	13417	94.6	101.4	90.0	92.4
1990	8379	94.9	101.3	90.1	92.8
1991	4925	94.8	101.3	89.9	93.0
1992	2917	94.4	101.8	89.9	93.3
1993	1960	95.0	101.8	90.5	93.8
1994	1247	95.2	101.7	90.6	94.1
1995	849	95.6	101.6	91.3	94.6
1996	572	95.6	101.9	91.3	94.8
1997	357	95.7	102.0	91.3	95.0
1998	256	95.4	102.0	91.5	94.9
1999	143	95.9	102.1	91.8	95.3
2000	131	96.6	101.9	91.5	95.4
2001	112	96.8	100.8	92.2	95.7
2002	112	96.9	100.6	92.3	96.0
2003	68	96.4	101.0	91.9	96.0
2004	71	97.3	100.2	92.6	96.9
2005	59	97.3	101.8	91.7	96.4
2006	50	97.5	101.2	92.2	96.7
2007	42	96.7	101.3	91.3	95.6
2008	35	97.9	100.7	93.0	97.3
2009	20	97.0	101.0	92.2	96.2
2010	15	96.7	101.1	92.7	95.9
2011	24	97.5	100.9	92.4	97.2
2012	27	97.7	100.8	93.7	97.3
2013	31	98.0	100.2	93.9	97.5
2014	43	97.9	100.3	93.9	97.7
2015	30	99.4	99.4	94.5	99.5
2016	12	99.7	100.4	94.2	99.1

Tabel: 52 Holstein - Fries Hollands zwartbont: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	24161	100.9	96.5	98.0	102.4	99.8	97.6	95.2
1981	42156	101.1	96.5	98.1	102.3	99.9	98.0	95.4
1982	72126	101.1	96.7	98.1	102.1	100.1	97.9	95.8
1983	87084	101.0	97.2	98.4	101.9	100.9	98.3	96.0
1984	77597	101.0	97.0	98.4	101.6	101.5	98.6	96.3
1985	60481	100.9	96.9	98.5	101.6	102.0	98.5	96.3
1986	46450	101.0	96.9	98.5	101.8	102.3	98.6	96.2
1987	30652	101.2	97.8	98.1	102.0	102.8	99.2	96.9
1988	20106	101.7	99.1	97.8	101.7	103.2	99.7	97.5
1989	13417	102.0	99.6	97.8	101.8	103.2	99.8	97.6
1990	8379	102.3	100.0	97.5	102.1	103.3	100.4	98.2
1991	4925	102.5	99.8	98.0	102.4	104.1	100.5	98.3
1992	2917	102.4	100.0	98.3	102.6	105.1	101.3	99.3
1993	1960	102.2	100.1	98.3	102.6	105.8	101.6	99.3
1994	1247	102.3	100.2	98.7	102.5	106.1	101.8	99.9
1995	849	102.7	100.6	98.9	102.8	106.2	101.9	100.3
1996	572	103.1	100.8	98.7	103.2	106.5	102.4	100.6
1997	357	103.6	101.3	98.4	103.5	106.4	102.6	101.0
1998	256	104.0	101.7	98.1	104.1	106.3	102.6	101.2
1999	143	103.3	101.6	98.5	103.3	106.5	102.6	101.1
2000	131	104.2	102.2	97.3	104.4	106.9	102.8	101.8
2001	112	104.0	103.4	98.0	104.5	106.3	103.1	102.1
2002	112	104.3	102.9	98.0	104.6	106.7	102.8	101.7
2003	68	104.4	104.1	97.1	105.1	106.7	103.6	102.8
2004	71	104.8	104.0	97.3	105.0	106.3	103.6	102.3
2005	59	104.1	104.6	97.4	104.3	106.5	103.9	103.1
2006	50	103.9	104.5	98.4	104.3	107.3	104.3	103.1
2007	42	103.9	103.8	97.6	104.5	106.8	103.9	102.9
2008	35	104.0	105.2	97.3	104.2	107.8	104.8	103.8
2009	20	104.1	103.5	98.5	104.3	108.3	104.0	102.8
2010	15	104.7	105.2	97.3	104.9	107.5	104.5	103.7
2011	24	104.1	104.2	98.4	103.9	108.5	104.4	103.2
2012	27	105.3	106.0	97.3	106.0	108.8	105.6	105.3
2013	31	104.1	105.1	97.5	105.4	108.3	104.9	103.9
2014	43	103.8	105.4	97.3	104.8	107.8	104.3	103.3
2015	30	104.1	105.0	97.7	104.6	107.3	103.4	102.6
2016	12	104.7	106.7	97.9	104.9	110.3	106.1	105.6

Tabel: 53 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bovenbalk

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	24161	85.9	93.2	101.3	88.7	94.2	89.5
1981	42156	86.5	94.7	101.5	89.6	94.9	90.4
1982	72126	87.2	95.7	101.4	89.6	94.9	90.7
1983	87084	87.4	95.8	101.7	89.9	94.6	91.1
1984	77597	87.5	95.9	101.7	89.7	94.5	91.1
1985	60481	87.5	96.0	101.9	89.9	94.5	91.3
1986	46450	87.3	96.0	102.2	90.4	94.2	91.7
1987	30652	87.8	96.0	102.6	90.7	93.7	92.2
1988	20106	88.6	96.5	102.9	90.8	93.4	92.7
1989	13417	89.2	96.7	103.1	90.9	93.2	93.1
1990	8379	89.2	96.7	103.4	91.3	92.9	93.4
1991	4925	89.1	96.6	103.8	91.4	93.0	93.7
1992	2917	89.2	96.3	104.2	91.6	92.5	94.0
1993	1960	89.1	96.0	104.5	92.2	92.4	94.4
1994	1247	89.6	96.2	104.5	92.4	91.9	94.7

1995	849	89.6	96.3	104.7	93.1	92.4	95.2
1996	572	89.5	96.5	105.2	93.3	92.1	95.5
1997	357	89.7	96.7	105.4	93.4	92.3	95.8
1998	256	89.5	96.8	105.8	93.3	92.7	95.9
1999	143	90.6	97.4	105.3	93.8	92.6	96.3
2000	131	91.0	97.7	106.0	94.0	92.8	96.9
2001	112	91.0	97.5	106.0	94.1	93.0	97.0
2002	112	91.0	97.7	106.2	94.2	93.3	97.2
2003	68	91.2	97.9	106.5	94.2	93.7	97.4
2004	71	91.8	98.6	106.6	95.3	95.0	98.3
2005	59	91.9	98.6	106.1	95.0	94.2	97.9
2006	50	91.8	98.1	106.4	95.4	93.6	98.3
2007	42	92.0	98.2	106.1	94.2	94.1	97.5
2008	35	93.0	98.9	106.6	96.2	93.9	99.2
2009	20	92.7	98.8	106.7	94.8	93.8	98.3
2010	15	92.5	98.6	106.9	94.9	93.0	98.5
2011	24	91.8	97.8	106.7	95.7	92.7	98.4
2012	27	92.3	98.4	108.0	96.1	93.3	99.8
2013	31	92.9	98.8	107.2	96.3	94.2	99.6
2014	43	91.6	98.3	106.7	96.3	94.8	98.8
2015	30	91.9	99.1	106.5	98.2	95.3	100.0
2016	12	93.0	99.8	108.0	98.1	93.8	101.0

Tabel: 54 Holstein - Fries Hollands zwartbont: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	45308	103.0	100.2	101.1	101.3	101.1	101.9	94.6	101.3
1981	79907	102.2	100.3	100.6	101.1	100.3	101.1	95.1	101.0
1982	139286	101.9	100.1	100.4	100.8	99.9	100.8	95.5	100.7
1983	173170	102.0	99.6	100.2	100.4	99.7	100.6	95.9	100.3
1984	165473	102.2	99.4	100.2	100.3	99.8	100.5	96.1	100.3
1985	135190	102.2	99.3	100.1	100.2	99.8	100.4	95.9	100.2
1986	113768	101.9	99.1	99.8	99.9	99.6	100.0	96.0	99.8
1987	85734	101.7	99.1	99.6	99.7	99.4	100.8	96.9	99.6
1988	59312	101.4	98.5	99.2	99.1	99.2	101.1	97.6	99.0
1989	42243	100.9	98.1	98.7	98.6	98.7	100.4	98.6	98.6
1990	27242	100.4	98.2	98.6	98.6	98.6	100.2	99.1	98.5
1991	16274	100.5	98.0	98.4	98.3	98.5	100.5	99.4	98.2
1992	9524	100.3	97.8	98.3	98.1	98.5	100.9	99.6	98.1
1993	6984	100.5	97.7	98.4	98.0	98.8	101.3	100.0	98.1
1994	4736	100.1	97.4	98.2	97.7	98.7	101.2	100.5	97.8
1995	3471	99.9	97.2	97.9	97.4	98.6	101.2	100.4	97.5
1996	2554	99.6	97.2	97.8	97.2	98.5	101.4	101.1	97.4
1997	1688	99.6	97.1	97.8	97.3	98.5	101.2	101.0	97.4
1998	1252	99.5	97.3	97.8	97.3	98.4	101.0	101.2	97.4
1999	840	99.2	97.2	97.6	97.2	98.2	100.8	101.2	97.2
2000	658	99.3	97.3	97.6	97.3	98.2	100.5	101.2	97.3
2001	509	99.5	97.1	97.7	97.1	98.3	100.5	101.4	97.2
2002	419	99.4	97.2	97.7	97.3	98.3	100.2	101.1	97.3
2003	366	99.7	97.3	98.0	97.5	98.5	100.7	101.2	97.6
2004	403	100.0	97.3	98.1	97.7	98.7	100.5	100.8	97.7
2005	313	99.6	97.0	97.8	97.3	98.5	100.5	101.1	97.4
2006	340	99.8	97.2	98.0	97.4	98.6	100.3	100.7	97.6
2007	335	100.1	96.7	98.1	97.3	98.9	100.7	101.4	97.5
2008	335	100.2	96.7	98.1	97.2	98.9	100.6	101.1	97.5
2009	300	100.1	97.3	98.5	97.8	99.2	100.7	101.8	98.0
2010	247	100.1	97.4	98.8	98.0	99.4	100.8	102.2	98.3
2011	296	99.9	97.8	98.8	98.5	99.4	100.5	101.5	98.5
2012	299	99.9	97.6	98.6	98.1	99.2	100.3	101.1	98.2

2013	284	99.8	97.8	98.8	98.4	99.4	100.3	101.5	98.5
2014	301	99.6	97.3	98.4	97.9	99.1	100.2	101.4	98.0
2015	223	99.7	97.8	98.7	98.3	99.3	100.1	101.3	98.4
2016	161	99.7	98.2	99.2	98.8	99.7	100.4	101.7	98.9
2017	92	99.7	98.0	98.9	98.7	99.5	100.1	102.2	98.7

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	9440	96.7	90.6	100.4	104.8	105.9
1981	16582	96.3	91.7	99.8	104.4	105.4
1982	27820	96.4	92.1	99.5	103.9	104.8
1983	34016	96.9	92.2	99.3	103.5	104.4
1984	32364	97.2	93.1	99.0	103.1	103.9
1985	26480	97.1	93.5	99.0	103.1	104.0
1986	22719	97.3	94.2	98.8	102.7	103.7
1987	17047	97.0	95.2	98.8	102.7	103.4
1988	12115	97.0	95.7	98.9	102.6	103.2
1989	8727	97.7	95.6	98.3	101.7	102.4
1990	6063	97.7	95.7	98.1	101.3	102.3
1991	4084	97.3	95.3	97.9	100.9	101.8
1992	2922	96.8	95.6	97.8	100.6	101.4
1993	1938	96.6	96.2	98.0	100.8	101.7
1994	1245	96.6	95.9	98.0	100.7	101.3
1995	813	97.1	96.1	98.0	100.6	101.0
1996	550	97.5	96.3	98.1	100.6	100.9
1997	340	97.3	96.1	98.3	100.8	101.0
1998	245	97.4	96.7	98.2	100.6	100.9
1999	139	97.0	96.2	97.9	100.1	100.5
2000	124	98.3	97.5	98.0	100.1	100.5
2001	91	98.4	98.1	98.1	100.1	100.6
2002	95	97.9	97.3	98.3	100.1	100.4
2003	65	98.6	98.2	98.2	99.5	100.2
2004	62	98.2	98.1	98.3	99.9	100.4
2005	44	98.4	96.2	98.5	99.8	100.7
2006	43	97.6	99.2	99.0	100.1	100.8
2007	33	97.4	99.1	98.2	99.2	100.1
2008	31	98.7	98.8	98.5	99.2	100.0
2009	12	98.9	91.6	98.6	99.3	100.1
2010	13	98.2	99.5	99.1	100.1	100.3
2011	23	98.0	94.6	99.3	99.8	100.0
2012	21	97.5	99.0	99.2	99.9	100.5
2013	26	99.0	99.3	99.8	100.4	100.5
2014	42	99.6	95.5	99.3	100.1	99.9
2015	29	98.2	99.7	99.7	100.3	100.6
2016	12	98.2	91.8	100.6	101.0	101.1

Tabel: 56 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	14662	-95.1	-243.6	51.5	106.1	101.3	101.3	88.7	98.6
1981	27400	-90.2	-217.1	15.5	105.6	101.0	101.5	89.6	98.6
1982	48091	-95.6	-208.7	-2.6	104.9	100.7	101.4	89.6	98.3
1983	64049	-94.0	-189.6	-36.0	104.5	100.3	101.7	89.9	98.3

1984	75427	-110.2	-184.2	-149.5	104.0	100.3	101.7	89.7	98.2
1985	74738	-115.9	-180.9	-225.6	104.0	100.2	101.9	89.9	98.1
1986	70716	-113.4	-163.3	-263.8	103.7	99.8	102.2	90.4	97.8
1987	57313	-106.1	-147.1	-293.0	103.5	99.6	102.6	90.7	97.4
1988	46273	-102.5	-128.7	-298.1	103.3	99.0	102.9	90.8	97.4
1989	34931	-103.8	-113.7	-309.8	102.4	98.6	103.1	90.9	97.2
1990	21992	-98.6	-102.9	-298.1	102.1	98.5	103.4	91.3	97.1
1991	12812	-92.2	-81.3	-270.7	101.6	98.2	103.8	91.4	97.4
1992	7384	-81.4	-55.1	-223.1	101.2	98.1	104.2	91.6	97.9
1993	5602	-70.0	-42.4	-206.7	101.5	98.1	104.5	92.2	98.2
1994	3742	-59.2	-19.7	-173.2	101.1	97.8	104.5	92.4	98.4
1995	2793	-50.8	-3.8	-131.4	100.9	97.5	104.7	93.1	98.3
1996	2076	-40.6	13.4	-97.0	100.9	97.4	105.2	93.3	98.3
1997	1320	-35.9	21.0	-96.5	101.0	97.4	105.4	93.4	98.5
1998	994	-36.4	23.1	-103.3	100.8	97.4	105.8	93.3	98.4
1999	672	-28.7	44.8	-91.0	100.4	97.2	105.3	93.8	98.3
2000	527	-24.7	57.3	-79.7	100.4	97.3	106.0	94.0	98.3
2001	398	-22.5	55.0	-66.2	100.4	97.2	106.0	94.1	98.4
2002	321	-18.5	67.8	-56.0	100.3	97.3	106.2	94.2	98.3
2003	259	-19.7	66.3	-61.0	99.9	97.6	106.5	94.2	98.5
2004	285	-10.0	75.6	-51.8	100.3	97.7	106.6	95.3	98.5
2005	218	-11.1	74.8	-40.3	100.4	97.4	106.1	95.0	99.0
2006	255	2.5	88.4	-6.8	100.5	97.6	106.4	95.4	99.1
2007	240	1.0	106.7	-29.1	99.7	97.5	106.1	94.2	99.0
2008	227	-3.1	89.8	-24.7	99.6	97.5	106.6	96.2	99.2
2009	188	4.9	96.6	-39.2	99.7	98.0	106.7	94.8	99.5
2010	153	25.6	130.4	45.5	100.2	98.3	106.9	94.9	99.3
2011	173	24.3	127.6	51.0	99.9	98.5	106.7	95.7	99.5
2012	192	29.1	136.3	86.0	100.3	98.2	108.0	96.1	99.5
2013	220	36.1	143.5	127.6	100.5	98.5	107.2	96.3	99.7
2014	232	49.3	175.5	150.2	100.0	98.0	106.7	96.3	100.0
2015	175	53.4	155.9	145.1	100.5	98.4	106.5	98.2	100.0
2016	114	67.2	160.4	170.9	101.2	98.9	108.0	98.1	100.0
2017	42	78.1	174.7	183.2	101.2	98.7	114.0	106.0	100.3

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1982	13	94.6	95.6	97.2	95.6	96.1	100.5	99.8
1983	555	96.7	96.6	98.3	96.2	98.9	104.1	99.6
1984	605	96.7	96.6	98.3	96.3	98.9	104.0	99.6
1985	723	96.6	96.5	98.3	96.1	98.9	104.1	99.6
1986	1019	96.6	96.5	98.3	96.2	98.7	104.0	99.6
1987	651	96.3	96.2	98.2	95.9	98.4	103.8	99.5
1988	826	96.0	95.3	98.8	96.6	96.3	103.4	99.4
1989	812	96.2	95.2	99.1	97.0	95.8	103.4	99.3
1990	620	96.4	95.3	99.3	97.2	95.7	103.5	99.3
1991	758	97.2	95.6	100.0	98.0	96.1	103.2	100.3
1992	563	97.7	95.8	100.4	98.5	96.2	103.3	100.6
1993	360	97.6	96.1	100.0	98.4	96.1	103.2	100.5
1994	234	97.2	96.0	100.0	97.7	96.1	103.3	100.0
1995	298	96.6	96.7	99.5	96.2	96.6	102.4	99.3
1996	205	96.8	97.4	99.3	96.2	97.0	102.2	99.3
1997	150	97.0	97.3	99.6	96.6	96.6	102.1	99.0
1998	151	96.6	97.1	99.4	96.2	96.7	101.6	99.0
1999	86	95.8	96.4	99.0	96.0	95.5	101.3	98.4
2000	77	96.3	96.6	99.3	96.5	95.8	102.0	98.6
2001	43	96.5	97.0	99.1	96.3	96.3	102.3	98.7
2002	49	96.2	96.4	99.3	96.6	95.3	102.3	98.5

2003	49	96.0	96.1	99.2	96.4	95.8	102.2	99.0
2004	52	96.9	97.1	99.2	97.2	96.6	101.5	99.3
2005	37	96.4	96.1	99.3	97.1	95.7	102.2	99.0
2006	31	95.6	96.4	98.6	95.4	96.3	101.5	98.9
2007	15	97.2	97.7	99.3	96.6	97.1	102.3	99.9
2008	16	96.4	96.9	98.4	97.0	96.2	101.8	99.4
2009	10	97.3	98.0	98.8	96.9	98.1	102.7	99.8
2014	15	98.4	98.4	99.7	97.3	98.3	105.1	100.7
2015	15	98.4	99.7	98.7	97.7	99.1	101.5	101.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	10954	98.2	99.7	98.2	99.7	99.3	99.6
1981	20986	98.2	99.9	98.2	99.9	99.3	99.4
1982	37103	97.9	99.8	97.9	99.8	99.0	98.9
1983	47295	97.9	99.7	97.9	99.7	99.1	99.0
1984	48691	98.3	99.3	98.3	99.3	99.3	98.5
1985	42971	97.9	99.3	97.9	99.3	98.9	98.2
1986	40057	97.7	99.1	97.7	99.1	98.6	98.2
1987	32261	97.5	98.9	97.5	98.9	98.7	98.5
1988	24850	97.7	98.8	97.7	98.8	99.0	98.8
1989	19838	97.5	98.8	97.5	98.8	99.2	98.9
1990	14828	97.7	98.6	97.7	98.6	99.2	98.6
1991	10559	98.0	98.8	98.0	98.8	99.4	98.5
1992	6815	98.4	99.0	98.4	99.0	99.7	98.6
1993	5517	98.7	99.0	98.7	99.0	99.9	98.9
1994	3758	99.0	99.1	99.0	99.1	100.2	98.9
1995	3141	99.4	98.8	99.4	98.8	100.3	98.5
1996	2393	99.5	98.7	99.5	98.7	100.4	98.6
1997	1688	99.5	98.8	99.5	98.8	100.2	98.8
1998	1323	99.5	98.6	99.5	98.6	100.3	98.4
1999	991	99.4	98.7	99.4	98.7	100.1	98.4
2000	800	99.2	98.9	99.2	98.9	100.0	98.4
2001	563	99.2	98.9	99.2	98.9	100.0	98.4
2002	502	99.2	98.8	99.2	98.8	100.2	98.5
2003	449	99.3	98.9	99.3	98.9	100.4	98.4
2004	478	99.5	98.8	99.5	98.8	100.5	98.4
2005	360	99.8	99.1	99.8	99.1	100.5	98.5
2006	347	99.9	99.2	99.9	99.2	100.6	98.7
2007	347	99.7	99.3	99.7	99.3	100.6	98.5
2008	340	99.7	99.4	99.7	99.4	100.7	98.7
2009	317	100.0	99.6	100.0	99.6	101.2	98.9
2010	260	100.1	99.3	100.1	99.3	101.4	98.9
2011	295	100.2	99.4	100.2	99.4	101.4	98.8
2012	337	100.2	99.1	100.2	99.1	101.8	98.5
2013	320	100.1	99.6	100.1	99.6	101.7	99.1
2014	323	100.2	99.3	100.2	99.3	101.6	98.7
2015	273	100.6	99.3	100.6	99.3	101.9	98.7
2016	212	100.5	99.7	100.5	99.7	102.0	99.2
2017	189	100.4	99.4	100.4	99.4	102.0	98.8
2018	174	100.7	97.1	100.7	97.1	102.2	96.7
2019	79	100.7	98.9	100.7	98.9	102.0	98.3

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	13895	99.7	102.1	101.3	84.1	87.0	87.2
1981	23801	99.7	101.8	101.3	86.5	89.6	90.6
1982	40659	98.7	102.1	102.2	88.7	91.7	93.2
1983	68018	98.7	101.8	102.2	90.8	93.9	94.7
1984	66680	98.6	101.8	102.3	91.5	95.3	96.3
1985	53060	99.3	101.5	101.5	91.1	95.3	95.7
1986	43521	99.4	101.4	101.3	91.6	96.6	96.4
1987	30540	99.0	101.3	101.7	92.4	96.5	96.7
1988	20695	98.9	101.3	101.8	93.0	95.8	95.8
1989	13694	98.1	101.1	102.6	92.7	95.9	96.0
1990	8668	98.3	100.8	102.4	92.0	95.8	96.4
1991	5892	98.6	100.6	102.2	91.8	95.6	96.7
1992	3696	99.0	100.3	101.8	92.1	95.6	96.7
1993	2496	99.2	100.7	101.7	91.1	94.3	95.2
1994	1648	99.3	101.0	101.7	89.7	92.6	93.6
1995	1137	98.4	101.3	102.9	88.2	91.1	92.9
1996	892	98.6	100.8	102.6	90.6	93.9	95.3
1997	519	98.7	100.8	102.5	92.2	95.4	96.2
1998	404	99.3	100.2	102.0	91.7	95.4	96.0
1999	307	99.3	100.5	102.1	91.6	95.5	95.9
2000	245	98.6	101.1	102.8	93.1	96.6	97.5
2001	199	99.0	100.8	102.3	92.8	96.8	97.2
2002	192	99.3	100.5	102.1	95.4	99.1	99.4
2003	156	99.6	100.2	101.8	93.4	97.2	97.3
2004	163	99.6	100.3	101.7	93.8	97.4	97.4
2005	153	99.5	100.5	101.9	91.3	94.6	94.5
2006	163	99.6	99.9	101.8	93.7	97.5	97.9
2007	221	99.9	99.8	101.4	89.6	92.9	93.5
2008	207	99.4	100.0	101.8	95.8	98.7	99.4
2009	164	100.0	99.7	101.2	94.5	96.8	97.6
2010	143	100.1	99.9	101.2	95.8	99.1	99.5
2011	171	100.9	98.8	100.5	92.9	95.8	95.5
2012	220	100.4	98.6	101.0	93.7	95.2	94.9
2013	182	100.2	98.4	101.2	95.8	96.5	96.1
2014	247	100.1	97.9	101.5	95.2	95.5	94.9
2015	199	100.8	98.6	100.8	93.8	94.5	94.1
2016	139	100.6	98.4	101.0	98.4	98.6	97.6
2017	104	100.5	99.0	101.2	95.6	95.3	94.8
2018	99	100.3	99.2	101.2	85.0	84.7	84.1
2019	56	100.6	98.6	101.1	86.2	85.5	85.1

Tabel: 60 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	13188	99.2	95.5	98.0	95.3	99.1	97.1	100.5	97.2	100.7	96.9	95.6
1981	23617	99.2	95.6	97.9	95.8	99.2	96.8	100.9	96.5	100.5	96.3	95.8
1982	40777	99.4	95.3	98.5	95.8	99.0	97.0	101.2	96.4	100.7	96.9	95.9
1983	51664	99.3	94.6	99.2	95.8	98.7	97.2	101.3	96.5	99.9	97.1	95.5
1984	51477	99.0	94.4	99.2	95.5	98.7	97.3	101.0	96.1	99.8	96.6	96.2
1985	44677	98.6	94.2	99.3	95.3	98.2	97.6	100.7	96.0	99.4	96.2	96.2
1986	40644	98.5	94.0	99.6	95.2	97.8	97.8	100.6	96.0	99.2	96.7	96.0
1987	32183	98.7	93.3	100.4	95.2	97.6	98.0	100.6	96.7	98.8	97.1	96.0
1988	24570	98.1	91.9	100.9	94.9	96.4	98.3	99.9	97.4	97.6	96.7	95.2
1989	19288	97.9	91.0	101.1	95.0	95.5	98.3	99.9	97.7	97.1	96.9	94.8
1990	14375	98.0	90.7	101.2	95.1	95.5	98.0	100.0	97.9	96.7	96.7	94.8
1991	9917	97.9	90.5	101.8	95.3	94.8	98.8	100.0	97.8	96.6	97.4	95.6

1992	6765	97.4	89.9	102.2	95.2	93.8	99.1	99.6	98.0	96.3	97.2	95.7
1993	5328	97.2	89.5	102.1	95.1	93.4	99.2	99.4	98.0	96.0	97.6	95.2
1994	3716	97.2	88.8	102.8	94.6	93.1	99.2	99.2	98.7	95.5	97.4	95.6
1995	2870	97.0	88.7	102.7	94.8	92.7	99.4	99.0	98.8	95.3	97.5	95.2
1996	2378	96.8	88.5	102.7	94.6	92.5	99.4	98.8	98.6	95.6	97.4	95.3
1997	1876	96.6	88.5	102.6	94.6	92.4	99.4	98.6	98.8	95.1	97.8	94.8
1998	1282	96.7	88.5	102.8	94.3	92.7	99.3	98.6	98.7	95.3	97.5	95.1
1999	995	96.5	88.6	103.0	94.4	92.5	99.5	98.4	98.6	95.8	97.9	95.2
2000	751	96.2	88.8	102.6	94.2	92.5	99.7	98.0	98.5	95.9	97.8	94.8
2001	516	96.1	88.8	102.3	94.2	92.7	99.7	98.0	98.3	96.1	97.9	94.3
2002	469	95.8	88.7	102.3	93.9	92.8	99.9	97.9	97.7	95.8	98.1	93.7
2003	395	95.7	89.0	102.0	94.0	92.9	99.8	97.7	98.0	95.7	97.5	93.8
2004	412	95.7	89.3	101.9	94.1	93.0	99.9	97.6	97.7	96.5	97.8	93.8
2005	313	95.5	89.1	102.1	93.7	92.8	100.0	97.3	97.8	96.2	98.0	93.3
2006	316	95.1	89.1	101.7	94.0	92.3	100.3	96.9	97.9	96.6	97.8	93.5
2007	251	95.1	89.1	101.3	93.9	92.4	99.8	97.1	97.7	95.8	97.3	93.0
2008	216	94.9	89.0	101.4	94.0	92.1	100.1	96.8	97.4	96.2	97.4	93.4
2009	172	94.8	89.2	101.2	94.5	91.9	100.4	96.6	97.9	96.1	98.0	92.9
2010	125	94.6	87.9	102.2	93.8	90.8	100.2	96.7	97.9	95.7	97.9	93.1
2011	102	94.0	88.9	102.1	93.6	91.5	101.3	95.8	97.4	96.1	98.9	92.4
2012	59	94.3	88.5	101.5	93.5	91.6	100.8	96.0	98.0	95.7	98.7	92.2
2013	41	93.1	87.2	101.7	93.4	89.3	101.9	95.0	98.1	95.3	98.6	92.3
2014	49	93.3	87.5	101.8	93.4	89.7	101.9	94.9	98.3	95.9	98.0	92.9
2015	29	93.6	87.4	102.0	92.8	90.6	101.1	95.4	98.3	93.7	98.6	90.7
2016	12	94.7	87.1	102.6	94.0	89.8	100.6	96.7	98.7	95.3	98.1	93.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	11274	102.3	98.8	100.1
1981	21531	101.6	98.3	100.1
1982	38171	101.2	97.9	99.9
1983	48680	101.4	98.3	99.6
1984	50400	101.5	98.2	99.3
1985	44514	100.9	98.0	99.5
1986	41700	100.5	97.7	99.1
1987	33510	100.7	97.7	99.4
1988	26002	101.3	97.9	100.4
1989	20775	100.8	97.5	99.9
1990	15516	101.4	98.0	99.8
1991	10657	101.2	98.1	99.7
1992	6637	101.4	98.4	100.1
1993	6273	101.7	98.5	100.2
1994	5868	101.9	98.7	100.5
1995	4372	102.5	99.0	100.9
1996	3303	102.5	99.1	100.8
1997	2368	102.5	99.0	101.2
1998	1743	102.5	98.8	101.1
1999	1308	102.6	98.9	101.0
2000	1020	102.5	98.8	100.8
2001	713	102.6	99.0	100.8
2002	589	102.3	98.9	100.5
2003	528	102.2	98.9	100.4
2004	587	102.6	99.3	100.2
2005	446	102.8	99.2	100.3
2006	415	102.9	99.4	100.1
2007	408	103.2	99.5	100.1
2008	420	102.8	99.2	100.4
2009	399	102.9	99.3	100.7

2010	313	103.3	99.8	100.8
2011	340	103.9	100.4	100.5
2012	412	103.7	100.3	100.5
2013	357	104.2	100.7	100.9
2014	359	104.6	101.0	101.2
2015	300	104.4	100.9	101.1
2016	246	104.0	100.5	101.1
2017	225	104.2	100.7	101.1
2018	212	104.2	100.7	101.4
2019	80	104.4	100.9	101.0

Tabel: 62 Holstein - Fries Hollands zwartbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	397	-633.1	-1244.5	-93.4	-102.4
2002	327	-517.3	-678.3	-76.1	-84.8
2003	259	-550.7	-844.7	-80.9	-90.0
2004	281	-451.2	-547.5	-64.8	-75.0
2005	222	-383.1	-58.2	-62.9	-61.0
2006	254	-116.3	893.6	-10.2	-26.1
2007	243	-196.3	827.9	-36.6	-31.9
2008	228	-206.8	747.3	-30.9	-37.1
2009	191	-271.9	415.7	-46.9	-43.7
2010	152	419.4	3329.9	78.7	51.1
2011	172	456.9	3151.5	90.2	54.8
2012	196	717.5	4394.8	131.8	93.1
2013	226	1032.5	5674.9	181.4	140.2
2014	234	1349.7	6845.0	236.4	185.5
2015	176	1235.4	6334.7	214.7	170.4
2016	115	1423.2	7043.4	248.9	196.5
2017	41	1563.5	7302.9	269.7	219.2

Tabel: 63 Holstein - Fries Hollands zwartbont: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1980	304	96.6	105.3	98.8
1981	954	96.2	104.7	99.0
1982	950	97.4	104.8	98.7
1983	1977	98.9	106.0	98.2
1984	1910	98.8	105.7	98.1
1985	1512	99.5	105.6	97.8
1986	1574	99.8	105.3	97.7
1987	1564	98.9	104.3	98.1
1988	1640	98.9	104.6	98.8
1989	1173	98.8	104.8	98.9
1990	812	98.8	104.6	99.2
1991	533	97.9	105.4	97.9
1992	294	97.7	105.8	97.1
1993	249	98.1	106.0	97.4
1994	160	97.9	105.8	97.5
1995	112	98.3	106.4	96.8
1996	83	98.3	106.0	97.5
1997	52	98.6	106.9	97.0
1998	48	99.3	106.5	97.0

1999	32	99.2	106.0	98.3
2000	34	99.6	105.9	98.4
2001	17	99.9	105.1	98.1
2002	29	100.2	104.7	97.8
2003	28	100.4	106.2	98.1
2004	27	100.0	106.3	97.6
2005	17	100.3	105.7	97.7
2006	38	99.7	105.2	98.3
2007	35	100.4	105.2	98.2
2008	24	100.8	107.2	97.7
2009	20	99.5	105.0	97.8
2010	28	100.0	107.0	97.8
2011	29	99.4	107.5	98.3
2012	17	99.1	107.1	97.8
2013	30	100.7	109.6	98.1
2014	55	100.3	110.5	97.9
2015	32	99.1	111.0	98.0
2016	32	99.8	112.0	97.6
2017	12	99.2	112.6	97.8

Tabel: 64 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	14666	97.5	102.7	28	-2.6	0	0.0
1981	27401	97.5	103.0	29	-2.3	0	0.0
1982	48099	97.7	103.0	46	-2.5	0	0.0
1983	64049	97.8	102.4	52	-2.4	0	0.0
1984	75430	97.5	102.0	60	-1.8	0	0.0
1985	74740	97.3	101.9	94461	-2.8	0	0.0
1986	70718	97.4	102.1	82204	-2.7	0	0.0
1987	57316	97.7	101.7	62006	-2.4	0	0.0
1988	46273	98.0	101.0	47331	-2.2	0	0.0
1989	34931	97.9	100.5	35083	-2.0	0	0.0
1990	21993	97.8	100.3	22071	-1.9	0	0.0
1991	12812	98.0	100.7	12885	-1.7	0	0.0
1992	7384	97.9	100.8	7472	-1.5	0	0.0
1993	5602	97.7	100.4	5610	-1.5	0	0.0
1994	3742	98.4	100.2	3742	-1.3	0	0.0
1995	2793	98.5	100.3	2797	-1.2	0	0.0
1996	2076	98.9	100.3	2079	-1.0	0	0.0
1997	1320	99.1	100.1	1320	-0.9	0	0.0
1998	994	99.4	100.3	994	-0.9	0	0.0
1999	672	99.3	99.6	672	-0.7	0	0.0
2000	527	99.6	99.7	529	-0.6	0	0.0
2001	398	99.6	99.3	399	-0.6	112	91.3
2002	321	99.3	99.5	329	-0.5	112	91.5
2003	259	99.7	100.1	259	-0.5	68	92.2
2004	285	100.2	100.5	290	-0.4	71	93.0
2005	218	100.5	99.7	224	-0.4	59	92.7
2006	255	100.1	100.4	259	-0.3	49	92.5
2007	240	99.4	98.8	248	-0.2	39	92.8
2008	227	99.9	99.4	229	-0.1	35	93.0
2009	188	98.7	99.1	194	-0.2	19	93.3
2010	153	99.9	98.8	153	-0.0	15	92.1
2011	173	100.4	100.2	173	-0.0	24	91.7
2012	192	101.0	99.3	194	0.1	27	92.9
2013	220	100.9	99.6	223	0.3	30	93.6
2014	232	101.6	100.3	234	0.5	42	92.9

2015	175	101.6	100.7	175	0.4	30	93.2
2016	114	101.4	99.9	116	0.5	12	94.3
2017	42	101.5	99.9	42	0.6	1	95.0

Tabel: 65 Fries Hollands - zwartbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	23241	-1069.7	-37.1	-49.6	-58.4	20.4	-18.9	-17.3	-298.9
1981	20620	-1091.7	-37.3	-49.5	-59.4	21.8	-17.2	-17.3	-299.4
1982	14969	-1079.9	-36.6	-48.7	-58.9	22.3	-16.4	-17.3	-294.2
1983	12827	-1002.2	-33.6	-46.6	-55.3	21.1	-17.4	-17.1	-278.1
1984	9411	-941.8	-30.7	-44.7	-52.6	21.2	-17.9	-17.0	-263.9
1985	7384	-928.3	-29.6	-43.9	-52.0	22.2	-17.2	-17.0	-257.8
1986	5040	-915.7	-28.5	-43.3	-51.4	23.2	-17.0	-17.0	-252.8
1987	3577	-903.5	-28.0	-42.7	-50.8	23.1	-16.7	-16.9	-249.3
1988	3334	-929.3	-29.3	-43.4	-52.0	23.0	-16.2	-17.0	-255.1
1989	2997	-876.9	-27.1	-41.0	-49.6	22.5	-15.2	-16.9	-239.8
1990	2545	-839.8	-25.8	-39.6	-47.9	21.7	-15.1	-16.8	-230.9
1991	2141	-810.1	-24.3	-37.5	-46.6	21.8	-13.2	-16.7	-219.1
1992	1847	-788.4	-24.1	-37.2	-45.6	20.5	-14.0	-16.7	-216.9
1993	1682	-738.8	-22.6	-35.2	-43.3	18.9	-13.6	-16.5	-204.8
1994	1667	-681.8	-20.5	-33.5	-40.7	18.0	-14.1	-16.4	-192.6
1995	1549	-622.0	-18.9	-31.4	-38.0	15.9	-14.2	-16.3	-180.0
1996	1460	-553.0	-16.3	-29.0	-34.9	15.0	-14.3	-16.2	-163.5
1997	1195	-516.4	-15.2	-27.2	-33.2	13.9	-13.5	-16.1	-153.2
1998	1083	-458.6	-12.6	-24.3	-30.5	13.6	-12.1	-16.0	-135.3
1999	919	-405.8	-10.7	-22.6	-28.1	12.8	-12.5	-15.9	-123.8
2000	826	-350.8	-9.0	-20.2	-25.2	11.4	-11.6	-15.0	-109.2
2001	763	-299.5	-7.0	-18.6	-18.1	10.9	-12.1	-7.1	-96.4
2002	605	-266.4	-5.6	-17.3	-15.6	10.7	-11.9	-5.4	-87.3
2003	582	-208.0	-3.9	-16.1	-13.5	9.1	-13.4	-6.2	-78.4
2004	536	-209.4	-4.5	-17.0	-12.5	8.1	-14.7	-4.6	-83.0
2005	437	-159.8	-4.2	-15.1	-11.2	5.0	-14.6	-6.2	-74.3
2006	441	-85.1	-0.1	-12.0	-8.5	6.4	-13.6	-7.3	-52.0
2007	402	-134.3	-2.3	-12.4	-10.7	6.4	-11.5	-7.2	-58.8
2008	417	-135.4	-0.6	-12.3	-11.8	9.2	-11.3	-8.9	-55.5
2009	313	-79.3	-0.6	-11.7	-8.8	5.2	-13.4	-8.2	-51.8
2010	301	21.4	3.9	-8.4	-4.9	5.1	-14.0	-9.1	-27.8
2011	285	25.2	5.2	-7.4	-4.7	7.0	-12.4	-9.1	-20.6
2012	264	42.5	6.1	-5.7	-4.4	7.0	-11.0	-9.8	-12.0
2013	255	90.5	8.1	-4.4	-2.5	6.8	-11.6	-10.2	-1.7
2014	261	134.9	10.0	-3.2	-0.9	6.5	-12.2	-10.9	7.5
2015	222	105.3	9.2	-3.9	-1.5	7.5	-11.6	-9.8	3.0
2016	209	114.5	9.8	-3.6	-1.3	7.7	-11.7	-10.0	5.2
2017	35	70.7	10.3	-5.1	-3.5	11.9	-11.5	-10.4	-0.1

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

Tabel: 66 Fries Hollands - zwartbont: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	81471	89.4	92.0	90.5	97.2	95.7	86.5	97.5
1981	67899	89.8	92.3	90.8	97.6	96.0	86.5	98.0
1982	42559	90.1	92.3	91.2	98.0	96.0	86.6	98.2
1983	24791	90.5	92.1	91.3	98.5	95.9	86.4	98.4

1984	10858	90.9	91.6	91.3	98.8	95.6	86.2	98.2
1985	5644	91.1	91.3	91.3	99.1	95.4	86.1	98.4
1986	2880	91.3	91.4	91.5	99.2	95.3	85.9	98.3
1987	1546	91.3	91.4	91.7	99.3	95.1	85.8	98.5
1988	1107	91.5	91.4	91.9	99.5	94.9	85.7	98.7
1989	853	92.3	91.2	92.1	99.9	94.8	85.7	98.9
1990	764	92.4	91.1	92.0	99.9	94.9	85.7	99.1
1991	554	92.9	91.4	92.3	100.2	95.3	85.8	99.1
1992	533	93.1	91.2	92.7	100.6	94.8	85.7	99.5
1993	505	93.6	91.7	93.0	100.8	95.1	85.6	99.8
1994	424	93.7	91.6	93.1	100.9	95.0	86.0	100.2
1995	401	94.3	91.6	93.3	101.0	95.1	85.9	100.8
1996	416	94.5	91.8	93.6	101.2	95.3	86.2	100.9
1997	294	94.4	91.9	93.6	101.2	95.2	86.2	100.9
1998	272	94.3	91.5	93.8	101.6	94.9	85.9	100.7
1999	261	94.5	91.4	93.6	101.4	94.7	85.7	101.2
2000	337	94.5	91.5	93.8	101.3	94.7	85.9	101.1
2001	316	94.5	92.0	94.2	101.6	94.7	85.7	100.9
2002	247	94.2	91.5	93.8	101.3	94.5	85.6	100.7
2003	245	94.3	92.2	94.5	101.5	94.5	85.8	101.0
2004	228	94.1	92.2	94.5	101.2	94.6	85.9	100.7
2005	174	94.1	91.9	94.4	101.3	94.3	85.8	100.6
2006	149	94.5	91.7	94.3	101.5	94.3	86.0	100.9
2007	85	93.6	92.0	94.4	101.1	93.8	85.9	100.2
2008	79	94.1	91.8	94.4	101.3	93.6	86.1	100.5
2009	56	93.8	91.8	94.7	101.4	93.5	86.1	100.0
2010	31	93.4	91.3	94.5	101.1	92.4	85.5	100.5
2011	32	91.7	90.5	93.0	100.1	91.9	85.7	98.0
2012	21	91.8	90.6	92.9	100.1	92.4	85.6	98.6
2013	21	92.7	90.5	93.3	100.4	92.1	85.6	98.4

Tabel: 67 Fries Hollands - zwartbont: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	81471	92.1	96.5	87.1	89.0
1981	67899	91.7	96.7	87.0	88.8
1982	42559	91.4	97.0	86.9	88.5
1983	24791	91.6	97.7	87.2	88.5
1984	10858	91.8	98.0	87.5	88.6
1985	5644	92.0	98.1	87.4	88.6
1986	2880	92.2	97.9	87.8	88.8
1987	1546	92.3	98.1	87.6	88.9
1988	1107	92.3	98.2	87.5	89.0
1989	853	93.2	98.0	88.2	89.7
1990	764	93.4	98.0	88.4	90.1
1991	554	93.6	98.2	88.5	90.4
1992	533	93.8	98.8	88.4	90.7
1993	505	93.9	98.9	88.6	90.8
1994	424	94.0	99.0	88.7	91.1
1995	401	94.4	99.1	88.6	91.4
1996	416	94.6	98.8	88.9	91.5
1997	294	94.7	98.9	88.9	91.9
1998	272	94.7	99.0	88.9	92.1
1999	261	95.6	98.6	89.4	92.9
2000	337	95.4	98.8	89.2	92.7
2001	316	95.1	98.9	88.8	92.4
2002	247	95.1	98.8	89.1	92.5
2003	245	95.2	98.9	88.8	92.7
2004	228	95.6	98.5	89.4	93.3

2005	174	95.8	98.6	89.3	93.3
2006	149	95.1	98.7	89.2	92.8
2007	85	95.6	98.1	89.5	93.2
2008	79	95.5	98.4	89.5	93.2
2009	56	95.6	98.4	89.6	93.6
2010	31	95.8	98.6	89.4	93.8
2011	32	96.3	98.1	89.8	94.6
2012	21	96.0	98.7	89.4	93.9
2013	21	96.3	98.6	89.9	94.5

Tabel: 68 Fries Hollands - zwartbont: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	81471	98.1	95.2	97.8	100.0	96.0	95.6	93.3
1981	67899	98.1	95.4	97.8	100.2	95.8	95.7	93.3
1982	42559	98.3	95.6	97.7	100.3	95.7	95.8	93.6
1983	24791	98.5	95.8	97.4	100.3	96.2	95.7	93.7
1984	10858	98.8	96.1	96.9	100.6	96.5	95.6	93.9
1985	5644	98.7	96.3	97.0	100.7	96.6	95.5	94.1
1986	2880	98.8	96.5	97.0	100.8	96.8	95.7	94.2
1987	1546	99.1	97.1	97.2	100.8	97.3	95.8	94.8
1988	1107	99.1	97.3	97.6	100.6	97.4	96.0	95.0
1989	853	99.4	97.9	97.4	101.2	97.5	96.7	95.9
1990	764	99.5	98.1	97.5	101.5	97.8	97.2	96.1
1991	554	100.0	98.6	97.2	101.9	97.7	97.3	96.4
1992	533	99.9	98.7	96.8	101.6	97.8	97.1	96.3
1993	505	100.3	99.0	96.7	101.7	97.9	97.3	96.5
1994	424	100.5	99.5	97.0	101.9	98.1	97.6	96.9
1995	401	100.6	100.0	96.8	102.1	98.0	97.8	97.3
1996	416	100.6	99.9	96.8	102.1	98.1	98.0	97.4
1997	294	100.5	99.8	96.8	102.2	98.4	98.6	97.8
1998	272	100.8	100.9	96.7	102.2	99.1	99.2	98.4
1999	261	100.9	101.4	96.3	102.6	98.9	99.6	99.0
2000	337	101.1	101.5	96.3	102.8	99.4	99.9	99.4
2001	316	100.5	101.2	96.6	102.1	98.8	99.1	98.5
2002	247	100.6	101.2	96.6	102.2	99.0	99.5	98.7
2003	245	100.7	101.0	96.6	102.1	99.1	99.3	98.9
2004	228	101.1	101.0	96.8	102.6	99.5	99.7	99.0
2005	174	101.0	101.0	96.2	102.4	99.3	99.9	99.3
2006	149	100.8	101.5	96.5	102.3	99.3	99.8	99.0
2007	85	100.4	100.2	97.4	101.8	99.7	99.4	98.3
2008	79	100.9	101.5	96.0	102.1	100.0	100.2	99.4
2009	56	101.4	101.6	96.8	102.2	99.9	100.2	99.4
2010	31	101.5	101.3	95.5	102.3	100.5	101.0	99.9
2011	32	100.8	100.6	95.2	102.1	100.5	101.1	99.2
2012	21	100.5	99.7	96.1	101.5	100.2	100.9	98.8
2013	21	100.4	100.4	94.9	101.9	100.4	101.3	99.7

Tabel: 69 Fries Hollands - zwartbont: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	81471	85.7	91.8	97.8	86.2	99.5	86.0
1981	67899	86.2	92.7	97.8	86.0	99.7	86.2
1982	42559	86.5	93.1	97.9	85.8	99.5	86.3

1983	24791	86.5	93.3	98.0	86.2	99.0	86.6
1984	10858	86.0	93.1	98.3	86.4	98.5	86.7
1985	5644	86.0	93.0	98.4	86.5	98.2	86.8
1986	2880	85.9	93.2	98.6	86.8	98.0	87.0
1987	1546	86.1	93.2	98.8	86.8	98.0	87.2
1988	1107	86.2	93.4	98.8	87.0	97.9	87.4
1989	853	86.3	93.6	99.2	87.8	97.6	88.1
1990	764	86.3	93.7	99.6	88.2	97.5	88.5
1991	554	86.7	94.3	99.8	88.5	97.8	89.0
1992	533	86.8	94.5	99.7	88.8	97.2	89.1
1993	505	87.2	95.1	99.9	89.0	97.5	89.6
1994	424	87.5	95.3	100.2	89.3	97.6	90.0
1995	401	87.8	95.6	100.3	89.8	97.7	90.4
1996	416	88.3	96.0	100.3	89.8	97.9	90.6
1997	294	88.2	96.0	100.5	90.2	97.9	90.9
1998	272	88.0	95.9	100.9	90.4	97.5	91.2
1999	261	88.0	95.6	101.0	91.2	97.4	91.6
2000	337	88.1	95.7	101.3	91.0	97.7	91.7
2001	316	88.2	96.1	100.6	90.6	97.7	91.2
2002	247	87.8	95.4	100.9	90.7	97.3	91.2
2003	245	88.5	96.0	100.8	90.8	97.8	91.5
2004	228	88.4	95.8	101.4	91.5	98.2	92.2
2005	174	88.1	95.5	101.1	91.6	97.8	91.9
2006	149	88.4	95.7	101.1	91.0	97.7	91.7
2007	85	88.0	95.1	100.9	91.3	97.5	91.5
2008	79	88.2	95.0	101.3	91.4	97.4	91.8
2009	56	88.1	95.0	101.5	91.7	97.2	92.1
2010	31	87.8	94.1	101.8	91.9	96.4	92.1
2011	32	85.8	91.8	101.6	92.5	95.5	91.4
2012	21	86.2	92.3	101.2	92.0	95.2	91.0
2013	21	86.3	92.2	101.2	92.7	95.4	91.5

Tabel: 70 Fries Hollands - zwartbont: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	170411	104.4	100.9	102.0	102.9	101.1	100.0	92.1	102.7
1981	152944	104.4	100.8	102.0	102.9	101.1	99.8	92.3	102.7
1982	102117	104.4	100.5	101.9	102.7	101.1	99.7	92.4	102.5
1983	63936	104.2	100.0	101.6	102.2	100.8	99.6	92.7	102.1
1984	32203	104.1	99.6	101.4	101.7	100.6	99.6	93.1	101.7
1985	18212	104.0	99.3	101.2	101.3	100.4	99.5	93.2	101.4
1986	9875	103.9	99.3	101.1	101.3	100.4	99.4	93.5	101.3
1987	6296	103.8	99.2	101.0	101.1	100.2	99.3	93.6	101.1
1988	4774	103.6	99.1	100.8	101.0	100.1	99.4	93.6	101.0
1989	3998	103.6	98.8	100.8	100.7	100.1	99.5	93.9	100.8
1990	3329	103.6	98.7	100.7	100.6	100.1	99.6	94.0	100.7
1991	2863	103.5	98.9	100.7	100.7	100.2	99.8	94.4	100.8
1992	2471	103.2	99.2	100.8	100.9	100.2	99.8	94.6	101.0
1993	2279	103.1	99.1	100.7	100.8	100.1	99.8	94.7	100.9
1994	2189	102.9	99.1	100.5	100.7	99.9	99.8	94.6	100.6
1995	2084	102.8	99.0	100.4	100.6	99.9	99.8	94.8	100.6
1996	1861	102.7	99.0	100.5	100.6	99.9	99.7	95.0	100.6
1997	1566	102.6	99.0	100.5	100.6	99.9	99.7	95.1	100.6
1998	1447	102.3	98.9	100.1	100.3	99.6	99.5	95.1	100.3
1999	1278	102.3	98.9	100.2	100.3	99.7	99.6	95.1	100.3
2000	1195	102.5	98.7	100.3	100.3	99.9	99.8	95.3	100.3
2001	1179	102.6	98.6	100.2	100.2	99.8	99.7	95.4	100.2
2002	994	102.4	98.5	100.0	100.0	99.7	99.7	95.3	100.0
2003	945	102.8	98.1	100.1	99.9	99.9	100.0	95.3	100.0

2004	948	103.1	98.2	100.3	100.0	100.1	100.1	95.0	100.2
2005	806	102.9	98.0	100.0	99.7	99.9	99.9	95.0	99.9
2006	787	102.7	98.4	100.2	100.0	100.0	100.0	95.5	100.1
2007	713	102.5	98.4	100.1	100.0	99.8	99.5	95.6	100.1
2008	695	102.7	98.6	100.5	100.3	100.3	99.9	95.7	100.5
2009	577	102.9	98.6	100.6	100.3	100.4	100.1	95.8	100.5
2010	539	102.9	98.5	100.6	100.3	100.4	99.9	95.6	100.5
2011	544	102.9	98.6	100.7	100.4	100.5	99.8	95.6	100.6
2012	528	102.8	98.7	100.9	100.6	100.6	99.9	96.0	100.8
2013	315	102.5	98.9	100.8	100.7	100.5	99.8	96.6	100.8
2014	305	102.8	98.8	101.0	100.7	100.8	100.1	96.4	100.9
2015	252	102.5	99.0	101.0	100.7	100.6	100.0	97.2	101.0
2016	231	102.9	99.1	101.3	101.0	100.9	100.2	96.9	101.3
2017	100	102.9	98.8	101.1	100.8	100.9	100.0	96.8	101.0

Tabel: 71 Fries Hollands - zwartbont: Gebruikskennmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	17996	96.7	83.8	99.8	104.3	106.0
1981	14413	96.7	85.6	99.6	104.2	105.9
1982	8567	96.7	84.9	99.3	103.8	105.6
1983	5506	96.8	86.2	99.5	103.9	105.7
1984	2940	96.8	87.2	99.5	103.9	105.6
1985	1800	96.6	89.1	99.5	103.8	105.6
1986	1062	96.8	87.5	99.5	103.7	105.6
1987	616	96.5	86.6	99.4	103.6	105.5
1988	437	96.4	86.2	99.2	103.3	105.3
1989	420	97.2	88.4	99.0	102.7	105.2
1990	359	97.5	91.2	98.7	102.4	105.0
1991	351	97.6	93.9	98.5	101.9	104.8
1992	390	97.2	93.6	98.3	101.7	104.5
1993	356	97.5	91.7	98.4	101.8	104.3
1994	299	97.5	93.6	98.3	101.6	104.3
1995	270	97.7	93.0	98.3	101.6	104.4
1996	254	98.0	93.9	98.3	101.4	104.1
1997	160	98.0	93.4	98.6	101.4	104.1
1998	143	98.7	91.7	98.1	100.6	103.5
1999	136	99.2	92.8	97.8	100.3	103.1
2000	118	98.7	96.0	97.7	99.9	103.1
2001	79	97.7	91.4	97.7	99.9	102.8
2002	47	98.8	86.4	97.4	99.4	102.5
2003	36	98.1	93.1	97.8	99.8	102.8
2004	30	98.3	81.9	97.8	99.6	103.1
2005	22	99.3	79.9	97.7	99.4	102.5
2006	27	97.2	83.9	97.8	99.4	102.4
2007	13	99.4	67.8	97.8	99.7	102.4
2008	18	100.0	66.0	97.9	99.5	102.0
2009	14	99.3	28.4	98.0	99.4	102.1
2010	23	100.3	64.2	97.9	99.6	101.8
2011	31	99.8	78.8	98.4	99.9	102.2
2012	21	99.5	93.3	98.6	99.7	102.0
2013	21	99.9	93.3	98.8	99.9	102.0

Tabel: 72 Fries Hollands - zwartbont: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	23184	-156.5	-298.9	-171.9	105.9	102.7	97.8	86.2	99.1
1981	20586	-160.5	-299.4	-196.7	105.8	102.7	97.8	86.0	99.2
1982	14944	-165.2	-294.2	-219.8	105.5	102.5	97.9	85.8	98.9
1983	12812	-163.9	-278.1	-245.0	105.5	102.1	98.0	86.2	98.7
1984	9407	-170.0	-263.9	-323.1	105.5	101.7	98.3	86.4	98.4
1985	7383	-174.2	-257.8	-403.7	105.4	101.4	98.4	86.5	98.3
1986	5039	-174.7	-252.8	-460.6	105.4	101.3	98.6	86.8	98.4
1987	3574	-177.2	-249.3	-504.0	105.2	101.1	98.8	86.8	98.5
1988	3334	-182.3	-255.1	-539.2	105.0	101.0	98.8	87.0	98.6
1989	2996	-174.0	-239.8	-535.5	104.6	100.8	99.2	87.8	98.9
1990	2545	-168.5	-230.9	-511.5	104.3	100.7	99.6	88.2	99.1
1991	2141	-161.3	-219.1	-494.0	104.0	100.8	99.8	88.5	99.1
1992	1847	-159.4	-216.9	-484.2	103.7	101.0	99.7	88.8	99.1
1993	1682	-152.7	-204.8	-461.6	103.6	100.9	99.9	89.0	99.2
1994	1667	-144.4	-192.6	-440.4	103.5	100.6	100.2	89.3	99.6
1995	1549	-134.0	-180.0	-403.6	103.5	100.6	100.3	89.8	99.6
1996	1460	-125.0	-163.5	-371.5	103.3	100.6	100.3	89.8	99.5
1997	1195	-119.2	-153.2	-359.7	103.3	100.6	100.5	90.2	99.4
1998	1083	-114.3	-135.3	-347.2	102.5	100.3	100.9	90.4	99.3
1999	918	-108.4	-123.8	-322.6	102.1	100.3	101.0	91.2	99.2
2000	826	-104.5	-109.2	-306.7	101.9	100.3	101.3	91.0	99.3
2001	763	-102.1	-96.4	-280.0	101.7	100.2	100.6	90.6	99.2
2002	605	-98.6	-87.3	-266.7	101.3	100.0	100.9	90.7	99.5
2003	582	-91.2	-78.4	-245.5	101.7	100.0	100.8	90.8	99.7
2004	536	-85.2	-83.0	-225.1	101.8	100.2	101.4	91.5	99.7
2005	437	-84.2	-74.3	-215.3	101.3	99.9	101.1	91.6	99.3
2006	441	-77.2	-52.0	-188.4	101.2	100.1	101.1	91.0	99.2
2007	402	-69.8	-58.8	-165.1	101.3	100.1	100.9	91.3	99.4
2008	417	-71.8	-55.5	-168.1	101.0	100.5	101.3	91.4	99.8
2009	313	-70.5	-51.8	-165.4	101.0	100.5	101.5	91.7	99.7
2010	301	-62.9	-27.8	-115.9	101.0	100.5	101.8	91.9	99.9
2011	285	-53.7	-20.6	-77.6	101.4	100.6	101.6	92.5	100.1
2012	264	-51.9	-12.0	-90.7	101.1	100.8	101.2	92.0	100.4
2013	255	-47.3	-1.7	-57.6	101.2	100.8	101.2	92.7	100.5
2014	261	-39.3	7.5	-48.1	100.8	100.9	101.0	90.3	100.5
2015	222	-40.6	3.0	-57.3	101.8	101.0	100.5	90.0	100.4
2016	209	-30.9	5.2	-44.9	101.9	101.3	98.3	92.3	100.8
2017	35	-28.2	-0.1	-16.3	102.0	101.0	0.0	0.0	100.7

Tabel: 73 Fries Hollands - zwartbont: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	18105	98.9	99.7	98.9	99.7	99.8	98.8
1981	14760	98.9	99.7	98.9	99.7	99.9	98.8
1982	9089	98.7	99.5	98.7	99.5	99.5	98.5
1983	6817	98.5	99.4	98.5	99.4	99.2	98.4
1984	4310	98.6	99.0	98.6	99.0	99.1	98.0
1985	2934	98.5	99.0	98.5	99.0	99.0	97.9
1986	1795	98.7	99.1	98.7	99.1	99.2	98.1
1987	1244	98.7	99.1	98.7	99.1	99.3	98.1
1988	1078	98.9	99.2	98.9	99.2	99.5	98.3
1989	1165	99.0	99.6	99.0	99.6	99.6	98.4
1990	1273	99.1	99.6	99.1	99.6	99.6	98.4
1991	1442	99.1	99.6	99.1	99.6	99.7	98.3
1992	1447	99.2	99.5	99.2	99.5	99.7	98.2
1993	1739	99.4	99.3	99.4	99.3	100.0	98.3
1994	1834	99.7	99.1	99.7	99.1	100.2	98.2

1995	2094	99.6	99.8	99.6	99.8	100.1	98.6
1996	1817	99.5	99.8	99.5	99.8	100.0	98.6
1997	1625	99.5	99.3	99.5	99.3	100.0	98.1
1998	1513	99.7	99.1	99.7	99.1	100.4	98.0
1999	1438	99.6	99.3	99.6	99.3	100.4	97.9
2000	1341	99.6	99.6	99.6	99.6	100.1	98.1
2001	1280	99.5	99.5	99.5	99.5	100.1	98.0
2002	1108	99.6	99.7	99.6	99.7	100.3	98.0
2003	1058	99.7	99.9	99.7	99.9	100.4	98.3
2004	1065	100.0	99.4	100.0	99.4	100.8	98.2
2005	817	99.7	99.0	99.7	99.0	100.4	97.7
2006	823	99.7	98.6	99.7	98.6	100.3	97.3
2007	717	99.6	99.7	99.6	99.7	100.4	98.2
2008	641	99.9	99.6	99.9	99.6	100.6	98.5
2009	569	99.9	99.8	99.9	99.8	100.7	98.8
2010	534	100.0	99.9	100.0	99.9	100.8	99.0
2011	498	100.1	100.1	100.1	100.1	101.0	99.0
2012	507	100.2	100.3	100.2	100.3	100.9	99.1
2013	418	100.2	100.1	100.2	100.1	100.7	98.8
2014	404	100.3	99.9	100.3	99.9	101.0	98.9
2015	382	100.3	100.3	100.3	100.3	100.9	99.2
2016	395	100.5	98.8	100.5	98.8	101.1	97.8
2017	308	100.6	98.8	100.6	98.8	101.1	97.8
2018	282	100.7	96.3	100.7	96.3	101.1	95.2
2019	171	100.7	91.2	100.7	91.2	101.2	90.3

Tabel: 74 Fries Hollands - zwartbont: Geboortekennmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	31342	101.5	98.9	100.1	72.1	75.5	74.3
1981	25649	101.6	98.7	100.2	72.4	75.5	74.6
1982	16226	101.4	98.8	100.3	74.5	77.1	76.5
1983	16928	101.5	98.9	100.1	80.5	84.6	83.5
1984	9440	101.2	99.2	100.4	83.3	88.5	87.4
1985	5055	101.1	99.3	100.4	82.9	88.5	87.5
1986	2606	101.2	99.4	100.3	80.0	85.6	84.7
1987	1563	100.8	99.2	100.7	74.5	79.8	78.9
1988	1138	100.4	99.1	101.0	74.3	79.4	78.5
1989	880	100.7	99.2	100.8	79.0	85.2	84.6
1990	770	101.4	99.1	100.3	77.6	83.9	83.3
1991	714	101.0	99.4	100.7	75.9	82.1	81.8
1992	560	101.0	99.5	100.6	74.2	79.4	79.0
1993	574	101.3	99.3	100.3	73.8	78.3	77.8
1994	527	101.8	98.6	99.9	80.0	84.4	83.5
1995	506	100.9	99.4	100.9	70.7	74.8	74.8
1996	504	101.1	98.8	100.6	76.5	81.0	81.0
1997	382	101.2	98.7	100.5	79.0	84.7	84.4
1998	410	101.6	98.4	100.0	84.7	91.1	90.8
1999	417	101.2	98.6	100.6	78.6	84.7	84.0
2000	447	100.7	99.3	101.1	80.5	86.4	86.1
2001	414	100.8	98.8	101.1	83.4	89.0	88.3
2002	307	101.7	98.5	100.2	82.5	87.8	87.1
2003	303	101.4	99.0	100.4	82.4	87.0	86.5
2004	343	101.5	98.7	100.4	80.8	84.7	84.1
2005	331	101.1	98.5	100.8	83.9	88.9	88.1
2006	312	101.3	98.4	100.6	81.7	86.0	85.3
2007	384	101.2	98.3	100.7	80.9	85.2	84.2
2008	359	101.4	98.3	100.5	84.4	88.5	87.5
2009	318	101.2	98.3	100.6	78.2	81.7	80.9

2010	283	101.5	98.4	100.4	79.2	83.0	82.3
2011	287	101.9	98.1	100.1	74.9	78.0	77.0
2012	262	101.7	97.9	100.3	85.9	89.3	88.1
2013	244	102.0	97.9	100.0	85.4	88.1	86.9
2014	289	101.6	97.8	100.4	88.4	90.8	89.7
2015	231	102.1	97.6	99.9	88.0	91.0	89.2
2016	254	101.8	97.6	100.3	91.2	93.2	91.5
2017	149	102.2	97.8	99.7	86.4	88.7	86.9
2018	179	101.9	97.2	100.0	73.2	75.0	73.5
2019	91	102.0	97.1	99.9	71.1	71.9	70.6

Tabel: 75 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	26318	101.2	100.5	95.2	94.4	107.4	93.9	102.4	93.8	105.7	93.2	94.1
1981	21991	101.1	100.5	95.5	94.6	107.3	94.3	102.3	93.8	105.6	93.2	94.1
1982	14134	101.2	100.4	95.7	94.5	107.2	94.4	102.5	94.0	105.7	93.3	94.2
1983	9895	100.7	99.4	96.0	94.1	106.2	94.5	101.9	94.3	105.0	93.2	93.7
1984	5792	100.1	98.3	96.0	93.6	105.2	94.7	101.2	94.7	104.5	92.8	93.6
1985	3906	99.9	97.8	96.1	93.4	104.6	94.8	101.1	95.0	103.8	92.7	93.1
1986	2513	99.7	97.6	96.3	93.5	104.3	94.9	101.0	94.9	103.6	92.9	93.0
1987	1856	99.5	97.4	96.4	93.3	104.0	94.9	100.7	95.1	103.5	93.0	92.9
1988	1594	99.4	97.2	96.4	93.3	103.7	95.0	100.6	95.1	103.3	92.9	92.9
1989	1643	99.5	96.6	96.3	93.4	103.2	95.1	100.7	95.7	102.9	93.1	92.7
1990	1674	99.3	96.6	96.7	93.4	103.0	95.5	100.4	95.8	102.9	93.5	92.6
1991	1725	99.1	96.2	96.7	93.4	102.6	95.7	100.3	95.8	102.4	93.6	92.4
1992	1799	98.8	96.3	96.7	93.6	102.3	95.9	100.1	95.5	102.4	93.8	92.3
1993	1750	98.6	95.8	97.2	93.4	102.0	96.1	100.0	95.4	102.0	94.0	92.0
1994	1783	98.5	96.3	97.5	93.4	102.3	96.4	99.7	95.4	102.4	94.2	92.2
1995	1805	98.5	96.3	97.6	93.7	102.1	96.7	99.8	95.5	102.2	94.6	92.0
1996	1800	98.3	96.0	97.5	93.5	101.8	96.6	99.6	95.4	102.0	94.6	91.8
1997	1779	98.2	96.2	97.7	93.5	101.8	96.8	99.5	95.5	102.0	94.8	91.8
1998	1476	98.0	95.9	98.7	92.9	101.5	97.0	99.3	95.4	101.9	95.1	91.7
1999	1415	98.0	96.0	98.8	93.0	101.6	97.3	99.2	95.5	102.1	95.5	91.5
2000	1216	97.8	95.9	98.7	92.9	101.4	97.4	99.0	95.5	101.9	95.5	91.4
2001	1164	97.4	96.0	98.3	93.2	101.0	97.7	98.7	95.2	101.8	95.7	91.4
2002	1096	97.2	95.8	98.6	93.0	100.7	97.9	98.5	95.1	101.6	95.9	91.0
2003	1082	97.0	95.6	98.3	92.9	100.5	98.0	98.3	95.1	101.5	95.7	91.1
2004	997	96.9	95.8	98.3	92.9	100.5	98.3	98.1	95.4	101.6	95.9	91.0
2005	765	96.9	95.8	98.3	93.1	100.3	98.3	98.0	95.6	101.5	96.1	91.2
2006	676	96.6	95.3	98.5	92.9	99.7	98.4	97.7	95.6	101.1	96.0	90.9
2007	541	96.6	95.3	98.6	93.0	99.6	98.4	97.9	95.4	100.9	96.2	91.0
2008	466	96.1	94.8	98.1	93.3	98.8	98.9	97.4	95.6	100.4	96.0	91.2
2009	387	96.2	94.8	98.3	93.0	98.9	98.6	97.5	95.8	100.5	96.0	90.8
2010	292	95.7	94.3	98.7	92.9	98.3	99.1	97.0	95.7	100.0	96.2	90.6
2011	193	95.9	94.7	98.4	92.9	98.7	99.2	96.9	95.9	100.9	96.6	90.9
2012	90	95.5	95.0	98.3	92.7	99.4	99.9	96.4	95.6	101.3	97.0	90.4
2013	73	95.5	94.8	98.5	93.0	98.8	100.2	96.2	95.9	101.2	97.2	90.7
2014	18	93.7	93.3	98.4	91.9	97.1	100.8	94.5	95.5	100.0	96.7	89.7

Tabel: 76 Fries Hollands - zwartbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	18831	99.4	96.8	99.5

1981	15615	99.3	96.6	99.6
1982	9709	99.0	96.3	99.6
1983	7282	99.2	96.5	99.8
1984	4583	99.5	96.6	99.8
1985	3153	99.3	96.5	100.0
1986	1912	99.4	96.6	99.9
1987	1297	99.5	96.7	100.0
1988	1136	99.6	96.8	100.2
1989	1258	99.4	96.5	100.4
1990	1402	99.6	96.7	100.3
1991	1478	99.6	96.7	100.2
1992	1422	99.5	96.8	100.0
1993	1846	99.6	96.9	99.9
1994	2520	100.0	97.3	99.9
1995	2484	99.9	97.1	100.0
1996	2243	100.1	97.3	100.1
1997	1993	100.2	97.4	100.1
1998	1821	100.7	98.0	99.7
1999	1743	100.9	98.1	99.6
2000	1584	100.7	97.9	99.4
2001	1587	101.1	98.3	99.5
2002	1372	101.2	98.4	99.4
2003	1303	101.2	98.4	99.1
2004	1322	101.4	98.6	99.0
2005	1058	101.5	98.7	99.1
2006	974	101.6	98.8	98.7
2007	887	102.0	99.2	99.1
2008	787	101.5	98.7	99.4
2009	714	101.7	98.9	99.4
2010	652	102.2	99.4	99.6
2011	611	102.4	99.7	99.8
2012	584	102.9	100.1	99.8
2013	433	102.9	100.2	99.7
2014	402	103.1	100.3	99.7
2015	390	103.2	100.3	99.8
2016	396	103.3	100.5	100.2
2017	301	102.9	100.1	100.3
2018	275	103.5	100.7	100.4
2019	156	103.5	100.7	100.5

Tabel: 77 Fries Hollands - zwartbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	863	-2469.2	-8965.4	-418.1	-358.1
2002	671	-2366.4	-8551.5	-400.3	-343.4
2003	648	-2222.4	-7910.2	-374.6	-323.6
2004	609	-2108.6	-7399.8	-352.8	-308.6
2005	490	-2028.1	-7023.7	-343.4	-295.2
2006	481	-1773.7	-6053.3	-297.7	-259.9
2007	432	-1646.0	-5618.4	-278.3	-240.1
2008	440	-1645.2	-5646.5	-275.1	-241.6
2009	335	-1615.1	-5384.5	-271.3	-237.0
2010	297	-1233.0	-3843.9	-203.2	-183.8
2011	281	-950.4	-2758.9	-152.6	-144.4
2012	261	-997.3	-3051.5	-163.6	-149.3
2013	253	-742.1	-2001.0	-117.1	-114.4
2014	260	-651.3	-1612.5	-100.6	-102.0
2015	224	-739.7	-1993.5	-116.3	-114.3
2016	206	-641.4	-1593.7	-98.3	-100.8

2017 36 -484.6 -1039.8 -66.8 -80.5

Tabel: 78 Fries Hollands - zwartbont: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1980	39	95.9	105.3	99.1
1981	26	94.6	104.3	99.2
1990	10	97.6	107.4	98.6
1996	14	97.1	108.4	98.5
1997	19	97.6	108.3	98.7
1998	18	97.0	106.7	98.5
1999	18	97.7	106.9	98.6
2000	35	98.6	106.2	99.1
2001	37	98.4	106.5	99.1
2002	25	97.5	106.5	98.7
2003	31	98.1	106.2	98.3
2004	37	98.5	106.7	98.6
2005	35	98.9	106.7	99.0
2006	52	98.4	106.3	98.5
2007	44	98.2	105.4	98.7
2008	66	98.3	105.2	99.2
2009	48	98.8	105.1	98.9
2010	61	98.9	106.2	99.6
2011	60	98.0	106.2	99.1
2012	46	98.9	104.6	98.8
2013	68	98.7	106.8	98.9
2014	73	98.4	107.0	98.9
2015	66	98.0	110.2	99.4
2016	79	98.2	112.8	98.9
2017	11	97.9	111.0	99.5

Tabel: 79 Fries Hollands - zwartbont: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	23241	98.6	102.3	0	0.0	0	0.0
1981	20620	98.5	101.7	0	0.0	0	0.0
1982	14969	98.4	101.3	1	-2.7	0	0.0
1983	12827	98.6	101.4	0	0.0	0	0.0
1984	9411	98.8	101.4	0	0.0	0	0.0
1985	7384	99.0	101.3	9901	-3.8	0	0.0
1986	5040	99.0	101.3	6009	-3.7	0	0.0
1987	3577	99.1	101.0	3889	-3.6	0	0.0
1988	3334	98.9	100.7	3429	-3.6	0	0.0
1989	2997	98.7	100.2	3013	-3.4	0	0.0
1990	2545	98.8	100.2	2562	-3.3	0	0.0
1991	2141	98.7	99.9	2160	-3.1	0	0.0
1992	1847	98.8	100.1	1883	-3.1	0	0.0
1993	1682	99.1	100.2	1696	-3.0	0	0.0
1994	1667	99.6	100.2	1683	-2.7	0	0.0
1995	1549	99.4	100.1	1586	-2.6	0	0.0
1996	1460	99.7	100.2	1497	-2.4	0	0.0
1997	1195	100.3	100.1	1216	-2.3	0	0.0
1998	1083	100.1	99.9	1112	-2.3	0	0.0
1999	919	100.3	99.9	961	-2.2	0	0.0

2000	826	100.4	99.8	913	-2.1	0	0.0
2001	763	100.3	99.7	894	-2.0	288	90.0
2002	605	100.3	99.6	703	-2.0	216	89.4
2003	582	100.4	99.9	687	-1.9	221	90.1
2004	536	100.4	100.2	637	-1.9	210	89.9
2005	437	100.5	99.9	530	-1.9	158	89.5
2006	441	100.5	99.6	495	-1.7	141	89.4
2007	402	100.2	100.2	467	-1.8	60	88.5
2008	417	99.8	99.6	469	-1.7	57	88.1
2009	313	99.9	99.5	354	-1.7	43	87.8
2010	301	100.0	99.7	308	-1.6	28	86.6
2011	285	100.1	99.8	286	-1.5	32	85.5
2012	264	100.3	99.5	264	-1.4	21	86.1
2013	255	100.9	100.0	255	-1.3	21	86.3
2014	261	100.8	100.2	261	-1.1	3	92.0
2015	222	101.4	99.6	222	-1.1	2	93.0
2016	209	101.3	100.0	209	-0.9	3	94.0
2017	35	101.1	99.8	35	-1.0	0	0.0

Tabel: 80 Fries Hollands - roodbont: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	63	-1175.2	-44.8	-54.6	-63.2	15.8	-21.2	-17.5	-337.0
1981	56	-1212.9	-39.0	-55.6	-65.0	29.8	-20.9	-17.7	-329.5
1982	41	-1189.2	-35.3	-54.2	-63.9	34.9	-19.8	-17.6	-315.7
1983	20	-1264.7	-43.2	-55.9	-67.4	26.1	-17.9	-18.0	-340.2
1984	22	-1119.3	-39.4	-50.0	-60.5	20.5	-16.3	-17.2	-305.9
1985	24	-1055.0	-39.9	-48.8	-57.7	14.1	-18.3	-17.2	-301.1
1986	20	-1093.0	-41.2	-51.0	-59.4	15.0	-19.3	-17.3	-313.3
1987	16	-1072.4	-32.6	-47.3	-58.6	29.1	-14.2	-17.6	-280.2
1988	10	-1229.8	-45.3	-51.6	-65.7	18.8	-11.5	-17.6	-326.7
1990	22	-1009.7	-33.3	-44.8	-55.6	22.9	-13.7	-17.0	-270.2
1991	14	-865.1	-22.1	-34.3	-49.1	30.5	-3.9	-16.9	-201.6
1993	12	-960.4	-29.5	-44.2	-53.5	25.2	-15.8	-17.1	-259.7
1994	23	-934.4	-29.0	-41.0	-52.3	23.3	-11.4	-17.0	-244.6
1995	33	-1212.2	-50.2	-50.3	-65.0	7.7	-10.1	-17.9	-331.3
1996	20	-975.5	-35.5	-40.7	-54.0	16.3	-7.7	-17.1	-257.5
1997	24	-1158.3	-49.0	-46.3	-62.5	5.2	-6.8	-17.5	-311.5
1998	21	-1022.1	-34.6	-44.1	-56.0	21.1	-11.2	-16.9	-270.3
1999	30	-859.3	-34.3	-40.5	-48.7	8.0	-15.0	-16.8	-252.8
2000	24	-951.2	-39.0	-41.0	-51.6	7.1	-10.1	-14.8	-265.5
2001	31	-1000.3	-39.8	-39.8	-51.7	8.8	-4.9	-10.7	-262.5
2002	27	-951.4	-37.0	-39.6	-48.0	10.5	-7.7	-7.9	-254.6
2003	35	-839.3	-33.9	-37.7	-45.1	6.9	-11.5	-11.5	-239.5
2004	26	-704.5	-23.2	-32.3	-33.3	15.0	-10.3	-1.6	-191.2
2005	32	-847.7	-27.7	-36.5	-40.2	18.8	-8.9	-2.2	-219.8
2006	27	-742.4	-28.3	-33.9	-33.5	8.8	-10.8	1.6	-208.3
2007	15	-898.6	-30.4	-35.9	-44.5	17.8	-4.7	-5.4	-224.5
2008	26	-623.3	-22.5	-29.7	-29.5	10.3	-10.7	-1.2	-177.8
2009	22	-693.3	-26.4	-29.9	-35.8	8.8	-6.7	-7.2	-188.7
2010	20	-909.2	-35.9	-35.9	-45.9	8.7	-2.9	-7.7	-236.1
2011	16	-761.4	-25.0	-31.0	-36.4	15.9	-4.9	-2.2	-190.6
2012	17	-561.9	-20.9	-26.8	-27.5	7.0	-10.1	-2.9	-162.4
2013	17	-477.0	-17.5	-24.3	-25.5	6.7	-11.1	-5.8	-144.1
2014	16	-487.4	-11.2	-22.4	-24.0	18.1	-7.2	-2.6	-122.4
2015	19	-661.7	-24.1	-31.8	-32.5	9.2	-13.1	-3.5	-190.8
2016	10	-194.3	3.7	-14.0	-9.9	20.3	-10.8	-1.5	-52.6

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

Tabel: 81 Fries Hollands - roodbont: Exterieurkenmerken bouw
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	151	88.3	92.1	90.4	96.4	95.0	86.7	96.7
1981	140	88.7	91.7	90.2	96.6	94.8	86.7	96.6
1982	100	89.9	91.1	90.7	97.2	94.3	86.5	96.9
1983	51	89.1	92.1	90.5	97.0	95.3	87.3	97.3
1984	24	89.3	92.7	90.8	97.0	96.6	87.0	98.2
1985	14	90.1	91.2	90.7	97.7	94.3	86.6	97.7

Tabel: 82 Fries Hollands - roodbont: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	151	92.5	95.7	86.6	89.2
1981	140	92.4	96.4	86.2	89.7
1982	100	92.6	96.6	86.5	89.8
1983	51	92.4	95.8	87.2	89.4
1984	24	91.7	96.6	86.9	88.9
1985	14	92.8	96.5	86.8	89.9

Tabel: 83 Fries Hollands - roodbont: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	151	98.3	95.0	97.3	100.2	95.9	96.0	93.2
1981	140	98.0	95.2	97.7	100.5	96.2	96.0	92.7
1982	100	98.5	96.1	97.8	100.9	96.8	96.0	93.7
1983	51	98.4	95.6	97.5	100.3	96.0	95.4	93.0
1984	24	97.4	95.5	98.3	99.3	95.4	95.3	92.9
1985	14	98.2	96.3	97.4	100.6	96.6	96.6	94.2

Tabel: 84 Fries Hollands - roodbont: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	151	85.4	90.7	98.1	86.3	99.6	85.9
1981	140	85.2	90.4	98.2	86.8	99.2	86.2
1982	100	85.2	90.6	98.7	87.1	98.1	86.7
1983	51	86.0	91.6	98.2	86.6	99.1	86.4
1984	24	86.8	92.8	97.1	86.2	100.5	86.1
1985	14	85.7	91.2	98.6	87.1	98.4	86.9

Tabel: 85 Fries Hollands - roodbont: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	413	104.5	102.1	102.7	104.1	102.1	101.3	93.0	103.7
1981	368	104.0	101.9	102.3	103.8	101.5	100.5	93.0	103.3
1982	281	103.7	101.8	102.2	103.5	101.2	100.3	93.3	103.1
1983	183	103.4	101.1	101.7	102.8	100.8	100.2	93.4	102.5
1984	70	103.6	100.8	101.7	102.6	100.8	99.9	93.7	102.3
1985	43	104.0	100.7	101.9	102.6	101.2	100.5	93.2	102.4
1986	30	103.4	101.5	102.0	103.1	101.1	99.8	93.6	102.8
1987	25	103.0	101.6	101.5	102.9	100.6	99.4	93.6	102.4
1988	15	102.6	101.1	101.4	102.5	100.5	100.8	93.5	102.2
1989	18	103.1	99.9	100.1	101.2	99.9	99.8	92.2	100.7
1990	28	102.5	101.2	101.3	102.4	100.3	100.2	94.3	102.1
1991	22	103.1	100.4	101.4	102.1	100.9	100.9	94.5	101.9
1992	11	102.9	99.5	100.4	100.5	99.7	100.2	93.7	100.6
1993	23	103.3	99.7	101.0	101.3	100.7	100.3	93.6	101.3
1994	30	101.7	100.9	100.2	101.6	99.3	99.9	94.5	101.0
1995	42	102.7	101.5	101.3	102.8	100.9	100.7	94.5	102.2
1996	36	102.2	102.4	102.0	103.4	100.8	100.2	95.5	102.9
1997	37	102.3	101.9	101.8	103.1	100.7	100.0	94.3	102.7
1998	41	102.5	101.9	101.7	103.1	101.0	100.4	93.9	102.5
1999	46	102.6	101.5	101.4	102.8	100.9	100.2	93.5	102.3
2000	40	101.6	102.5	101.5	103.3	100.4	99.6	94.5	102.6
2001	47	101.8	101.8	101.6	102.9	100.7	100.3	95.7	102.4
2002	51	101.2	102.2	101.1	102.8	100.1	99.8	95.7	102.2
2003	64	101.0	101.2	100.4	101.9	99.4	99.9	95.6	101.2
2004	39	102.4	100.8	101.3	102.3	100.9	100.4	96.0	102.0
2005	50	102.4	101.7	101.8	103.1	101.3	100.9	95.2	102.6
2006	51	101.8	101.6	101.1	102.5	100.5	100.3	95.7	102.0
2007	32	102.4	101.0	101.2	102.3	100.8	100.0	94.7	101.9
2008	46	102.3	100.7	101.1	102.0	100.9	100.4	95.0	101.7
2009	62	101.8	101.2	101.1	102.2	100.6	100.0	95.5	101.8
2010	59	102.4	101.1	101.3	102.4	100.8	100.4	95.2	102.1
2011	50	101.4	101.7	101.2	102.6	100.3	99.7	95.4	102.0
2012	57	101.9	101.3	101.2	102.5	100.6	100.3	95.7	102.1
2013	40	102.0	101.4	101.4	102.6	100.8	100.5	96.0	102.2
2014	33	102.6	100.3	101.2	101.9	101.0	101.0	96.1	101.8
2015	31	103.1	99.7	100.8	101.5	101.0	101.3	95.0	101.4
2016	40	101.8	100.7	100.8	101.8	100.4	100.7	96.3	101.5
2017	18	101.3	100.9	100.7	101.8	100.3	100.7	97.1	101.4

Tabel: 86 Fries Hollands - roodbont: Gebruikskennmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	96.8	82.7	99.3	104.5	105.9
1981	31	98.2	87.2	98.4	104.3	105.7
1982	25	98.4	80.7	98.1	103.5	105.1

Tabel: 87 Fries Hollands - roodbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	60	-144.6	-337.0	-91.4	105.9	103.7	98.1	86.3	99.6

1981	56	-147.3	-329.5	-103.9	105.8	103.3	98.2	86.8	99.8
1982	40	-156.0	-315.7	-140.0	105.0	103.1	98.7	87.1	99.4
1983	20	-180.6	-340.2	-111.4	105.5	102.5	98.2	86.6	100.3
1984	22	-171.8	-305.9	-295.6	105.7	102.3	97.1	86.2	98.2
1985	24	-172.5	-301.1	-395.4	105.2	102.4	98.6	87.1	98.6
1986	20	-166.0	-313.3	-428.0	104.8	102.8	98.9	86.8	98.8
1987	16	-152.1	-280.2	-492.6	104.3	102.4	98.5	86.0	99.0
1988	10	-157.3	-326.7	-458.3	104.6	102.2	101.0	90.0	97.5
1990	22	-148.5	-270.2	-527.1	103.2	102.1	99.3	89.7	100.3
1991	14	-132.9	-201.6	-423.8	102.8	101.9	97.5	88.5	99.6
1993	12	-135.1	-259.7	-449.7	103.1	101.3	101.0	88.5	100.2
1994	23	-137.1	-244.6	-370.3	103.7	101.0	99.7	88.7	99.7
1995	33	-182.2	-331.3	-471.4	104.0	102.2	99.3	87.7	99.6
1996	20	-151.1	-257.5	-332.7	105.0	102.9	98.0	89.0	98.9
1997	24	-153.9	-311.5	-458.3	104.1	102.7	99.0	87.0	99.1
1998	21	-129.0	-270.3	-379.8	103.7	102.5	99.7	86.7	99.1
1999	30	-145.6	-252.8	-405.1	104.0	102.3	99.9	86.9	99.0
2000	24	-139.5	-265.5	-390.0	103.8	102.6	99.1	87.8	99.2
2001	31	-113.0	-262.5	-217.1	104.2	102.4	98.0	90.7	99.7
2002	27	-124.1	-254.6	-308.0	103.6	102.2	98.8	87.2	99.7
2003	35	-125.3	-239.5	-345.4	103.4	101.2	98.1	87.7	99.5
2004	26	-114.2	-191.2	-279.0	103.0	102.0	99.3	88.7	100.0
2005	32	-126.2	-219.8	-349.2	103.0	102.6	98.2	86.0	99.5
2006	27	-100.8	-208.3	-330.8	103.0	102.0	101.0	88.0	99.6
2007	15	-127.9	-224.5	-326.3	103.1	101.9	99.5	86.5	99.6
2008	26	-87.3	-177.8	-256.1	103.1	101.7	101.0	89.0	99.9
2009	22	-87.6	-188.7	-227.9	103.5	101.8	98.8	87.8	100.2
2010	20	-106.2	-236.1	-281.1	102.7	102.1	98.5	87.0	100.5
2011	16	-87.1	-190.6	-287.8	103.2	102.0	97.0	84.0	100.2
2012	17	-87.4	-162.4	-229.9	103.8	102.1	98.0	87.0	100.4
2013	17	-85.2	-144.1	-205.4	103.6	102.2	101.0	83.0	100.6
2014	16	-52.9	-122.4	-179.7	103.6	101.8	99.8	89.2	100.1
2015	19	-103.9	-190.8	-216.9	103.3	101.4	100.8	88.4	99.7
2016	10	-7.2	-52.6	-129.9	103.4	101.5	0.0	0.0	99.9

Tabel: 88 Fries Hollands - roodbont: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	35	98.7	100.3	98.7	100.3	99.7	98.2
1981	42	99.1	100.7	99.1	100.7	100.5	98.2
1982	29	99.0	100.0	99.0	100.0	100.2	97.6
1990	11	100.4	100.3	100.4	100.3	101.5	98.2
1991	12	99.6	100.1	99.6	100.1	100.9	98.8
1994	14	99.9	99.9	99.9	99.9	101.6	99.1
1995	28	100.0	100.4	100.0	100.4	101.5	99.0
1996	23	98.5	100.3	98.5	100.3	100.2	99.2
1997	32	99.1	100.0	99.1	100.0	100.5	99.3
1998	32	99.0	99.8	99.0	99.8	100.9	99.0
1999	30	99.2	99.7	99.2	99.7	101.2	99.5
2000	34	99.1	99.9	99.1	99.9	101.0	99.5
2001	45	99.4	100.1	99.4	100.1	101.3	99.8
2002	50	99.3	100.0	99.3	100.0	101.3	99.7
2003	52	99.4	98.0	99.4	98.0	101.5	97.4
2004	39	99.8	100.0	99.8	100.0	101.5	99.4
2005	43	99.5	100.1	99.5	100.1	101.4	99.5
2006	49	99.5	100.1	99.5	100.1	101.4	99.4
2007	28	99.0	100.4	99.0	100.4	100.6	99.6
2008	35	99.2	100.6	99.2	100.6	100.9	99.8
2009	45	99.8	96.2	99.8	96.2	101.3	95.5

2010	39	99.8	100.9	99.8	100.9	101.4	99.9
2011	36	99.3	100.9	99.3	100.9	100.9	99.9
2012	48	99.9	100.7	99.9	100.7	101.6	99.9
2013	33	99.9	100.7	99.9	100.7	101.8	99.7
2014	30	99.8	100.5	99.8	100.5	102.0	99.7
2015	24	99.5	100.4	99.5	100.4	101.9	99.0
2016	33	99.7	100.2	99.7	100.2	102.1	99.3
2017	41	99.2	100.1	99.2	100.1	101.5	99.2
2018	18	99.4	94.8	99.4	94.8	101.9	94.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	53	102.0	98.7	99.9	77.3	79.0	78.3
1981	55	102.0	98.6	99.9	79.1	81.6	80.9
1982	43	101.3	99.0	100.6	56.9	57.4	57.3
1983	30	102.2	100.3	99.3	48.8	49.7	49.6
1984	14	100.6	100.3	101.1	41.2	42.8	42.6
1990	10	100.6	99.5	101.5	76.9	79.4	80.2
1991	12	100.8	98.7	100.9	48.2	49.4	50.0
1995	16	101.0	99.9	100.5	36.0	37.2	38.1
1996	10	101.0	99.8	100.5	56.8	59.9	60.1
1997	19	101.3	98.6	100.1	54.5	57.6	58.7
1998	18	104.5	101.3	97.2	72.8	77.8	79.8
1999	27	102.9	99.4	98.9	52.7	55.4	56.4
2000	20	102.8	99.6	98.5	75.3	79.2	80.0
2001	25	103.6	101.4	97.8	59.8	64.2	65.2
2002	26	104.1	99.5	97.3	83.2	87.6	88.7
2003	38	102.1	99.8	99.6	71.9	75.8	77.2
2004	32	103.9	98.6	97.6	77.2	79.6	80.8
2005	38	102.9	99.8	98.5	86.9	91.1	92.4
2006	33	102.4	99.2	99.1	83.8	86.7	89.1
2007	27	102.8	98.6	98.7	67.1	68.5	70.2
2008	39	102.4	98.8	99.0	68.2	70.6	71.8
2009	40	102.8	98.7	98.7	76.3	78.5	79.9
2010	33	102.7	99.3	98.9	75.1	78.1	79.2
2011	38	102.2	99.1	99.3	70.6	72.1	73.9
2012	40	101.6	99.2	99.9	79.0	81.2	82.1
2013	30	101.5	98.9	100.2	57.1	59.2	60.2
2014	20	102.7	100.0	98.8	70.6	75.0	76.2
2015	27	102.3	99.2	99.3	53.1	54.9	55.6
2016	22	102.8	99.6	98.7	69.1	72.1	73.1
2017	25	102.2	100.9	99.4	87.3	92.0	92.8
2018	26	101.2	100.2	100.3	36.9	38.4	38.4

Tabel: 90 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	50	100.1	101.1	95.2	94.2	106.9	94.0	101.3	93.4	104.8	94.0	92.6
1981	57	99.8	100.6	95.2	94.2	107.1	94.3	100.7	94.3	103.9	93.7	91.4
1982	53	99.7	100.1	94.6	94.0	106.2	94.4	100.7	94.2	104.1	93.7	91.2
1983	23	100.0	100.7	93.0	94.7	106.2	93.3	101.3	93.0	105.1	92.1	94.3
1984	14	100.6	101.0	94.3	94.9	106.8	93.8	101.9	93.6	105.1	92.8	95.1
1985	14	100.6	100.6	95.4	95.1	106.2	94.8	101.4	94.4	105.4	93.7	94.6

1986	12	100.3	101.8	95.1	95.0	106.5	94.8	101.4	93.6	105.7	94.0	94.8
1987	10	100.7	99.1	96.4	94.9	106.0	94.2	102.5	93.3	105.4	94.3	94.8
1989	11	99.3	99.5	94.6	94.9	103.5	95.1	100.6	94.5	102.9	93.0	94.1
1990	21	99.4	98.1	95.8	94.8	103.4	95.3	101.3	94.1	103.1	93.8	93.1
1991	17	99.1	97.5	96.2	94.4	103.1	95.1	100.9	93.9	102.2	93.4	93.5
1992	12	99.6	97.8	94.4	94.8	103.6	94.6	100.9	95.2	103.1	93.1	93.2
1993	19	99.1	98.1	95.3	94.9	102.7	95.8	100.1	95.4	104.1	94.2	93.3
1994	27	98.4	98.5	95.1	94.1	102.7	95.3	99.4	94.7	103.7	93.7	93.7
1995	36	98.5	99.6	95.1	94.2	103.9	95.7	99.2	94.6	105.2	94.4	91.7
1996	30	98.2	99.4	95.0	94.5	103.4	95.1	99.8	93.3	103.4	93.8	92.7
1997	36	99.1	100.1	94.2	94.6	105.0	95.1	100.1	94.1	105.3	93.7	93.2
1998	35	99.7	100.2	95.7	93.6	105.6	95.6	99.6	96.2	106.2	94.2	92.5
1999	42	99.7	99.7	95.8	93.7	105.5	95.6	100.1	95.5	105.7	94.5	92.3
2000	37	99.8	100.6	93.9	95.1	105.1	94.8	100.5	94.4	105.7	93.2	93.8
2001	41	98.4	100.0	93.6	94.6	104.1	95.7	99.5	93.4	106.4	93.2	94.7
2002	44	98.5	99.5	94.0	93.9	104.2	95.4	99.3	93.8	105.8	93.2	93.5
2003	53	98.5	98.5	95.0	94.0	103.4	95.6	99.4	94.8	104.1	93.8	92.4
2004	38	97.8	97.2	94.9	93.3	102.6	95.7	99.1	94.3	103.7	93.2	91.7
2005	40	98.9	99.0	94.2	93.6	104.5	95.5	99.5	94.8	105.5	93.6	92.0
2006	29	98.6	98.7	94.9	93.3	103.8	95.6	99.3	94.8	105.1	93.6	92.1
2007	14	97.5	97.2	95.6	93.7	101.6	96.9	98.9	94.6	102.3	95.0	91.2
2008	21	98.0	97.0	95.2	93.3	101.7	95.9	99.1	95.3	103.1	94.5	91.5
2009	21	97.8	97.9	95.0	93.5	102.4	96.4	98.8	95.0	103.6	94.3	91.8
2010	12	97.2	98.2	94.4	93.9	102.2	96.4	98.8	93.7	103.4	94.2	92.2

Tabel: 91 Fries Hollands - roodbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	38	100.2	97.4	100.1
1981	44	100.4	97.8	100.0
1982	31	100.5	97.6	99.8
1990	11	99.5	96.7	100.3
1991	14	99.7	96.9	100.9
1994	15	101.1	98.3	100.4
1995	30	101.1	98.3	100.6
1996	24	101.2	98.4	100.6
1997	33	101.1	98.3	100.0
1998	27	100.6	97.6	100.5
1999	25	100.7	97.6	100.4
2000	32	101.3	98.2	100.1
2001	28	101.2	98.1	99.7
2002	34	101.4	98.3	99.6
2003	42	101.8	98.7	100.2
2004	38	101.6	98.3	99.4
2005	36	101.7	98.6	100.1
2006	42	101.5	98.4	100.4
2007	34	101.2	98.2	100.4
2008	37	101.3	98.4	100.3
2009	47	102.5	99.5	100.2
2010	39	102.1	99.2	100.2
2011	36	101.6	98.7	100.6
2012	47	102.4	99.4	100.3
2013	28	102.1	99.1	100.4
2014	32	102.2	99.2	100.4
2015	21	102.0	98.8	100.7
2016	34	102.7	99.7	100.6
2017	42	103.2	99.8	100.5
2018	18	103.6	100.3	100.8
2019	10	103.5	100.3	100.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	24	-2551.6	-9273.9	-444.0	-364.0
2002	27	-3088.0	-11517.5	-532.6	-441.9
2003	36	-3210.2	-11990.1	-561.2	-455.8
2004	27	-2749.9	-10169.4	-464.7	-398.4
2005	33	-3155.0	-11954.6	-542.7	-451.1
2006	26	-2991.5	-11009.0	-512.0	-429.6
2007	14	-3085.9	-11715.6	-529.3	-442.1
2008	25	-2576.6	-9401.8	-438.0	-372.1
2009	19	-2295.3	-8239.1	-394.8	-330.1
2010	17	-2809.2	-10426.3	-487.1	-400.7
2011	16	-2779.9	-10462.0	-476.0	-398.8
2012	16	-2330.6	-8418.8	-400.4	-334.8
2013	18	-2167.3	-7715.3	-369.2	-313.6
2014	18	-1962.0	-7169.1	-326.8	-287.0
2015	19	-2429.5	-8770.4	-409.3	-353.3
2016	11	-1417.3	-5004.5	-223.1	-214.4

Tabel: 93 Fries Hollands - roodbont: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	63	98.8	103.2	0	0.0	0	0.0
1981	56	98.1	101.9	0	0.0	0	0.0
1982	41	98.4	102.0	0	0.0	0	0.0
1983	20	98.7	102.0	0	0.0	0	0.0
1984	22	98.1	102.5	0	0.0	0	0.0
1985	24	98.0	103.0	28	-3.7	0	0.0
1986	20	98.8	102.9	25	-3.5	0	0.0
1987	16	97.8	102.7	17	-3.2	0	0.0
1988	10	97.7	102.8	10	-3.3	0	0.0
1990	22	99.4	102.6	22	-2.6	0	0.0
1991	14	97.6	100.9	14	-2.2	0	0.0
1993	12	96.7	99.2	12	-2.6	0	0.0
1994	23	97.7	101.9	23	-3.0	0	0.0
1995	33	98.2	102.0	35	-3.7	0	0.0
1996	20	99.5	102.0	20	-3.1	0	0.0
1997	24	99.2	102.2	24	-3.2	0	0.0
1998	21	98.4	101.3	22	-2.8	0	0.0
1999	30	99.0	101.3	31	-3.1	0	0.0
2000	24	98.4	101.6	24	-3.0	0	0.0
2001	31	98.5	101.9	31	-2.9	3	89.7
2002	27	99.3	101.3	27	-2.7	5	91.0
2003	35	98.7	101.7	36	-2.6	7	88.0
2004	26	98.6	100.2	26	-2.4	3	90.7
2005	32	98.5	101.9	34	-2.9	6	88.3
2006	27	98.9	101.5	27	-2.3	1	87.0
2007	15	99.9	101.6	15	-2.6	2	93.5
2008	26	100.0	101.2	26	-1.8	1	91.0
2009	22	100.7	101.9	24	-2.3	3	91.0
2010	20	101.1	101.7	21	-2.6	2	90.5
2011	16	101.0	101.4	16	-1.8	1	81.0

2012	17	102.2	102.3	17	-2.3	1	86.0
2013	17	100.8	102.0	17	-2.2	1	82.0
2014	16	101.2	101.8	17	-1.5	3	90.0
2015	19	100.9	103.2	19	-2.0	8	91.6
2016	10	99.8	101.8	10	-0.3	0	0.0

Tabel: 94 Overige Friesian: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14	-633.9	-31.4	-41.5	-38.4	-4.4	-31.0	-16.2	-247.5

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

Tabel: 95 Overige Friesian: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	17	100.1	89.3	96.8	103.6	86.9	90.6	95.3

Tabel: 96 Overige Friesian: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	17	91.4	103.2	85.2	90.0

Tabel: 97 Overige Friesian: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	17	103.4	98.9	96.5	104.3	102.8	100.4	97.6

Tabel: 98 Overige Friesian: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	17	88.0	90.6	104.2	87.4	90.2	90.6

Tabel: 99 Overige Friesian: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
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1980	22	99.9	99.5	98.4	98.9	98.2	100.5	99.1	98.5
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Tabel: 100 Overige Friesian: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	14	-116.9	-247.5	124.2	104.4	98.5	104.2	87.4	99.5

Tabel: 101 Overige Friesian: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	14	97.9	100.8	0	0.0	0	0.0

Tabel: 102 Maas Rijn IJssel: Melkproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	15922	-1274.1	-58.3	-54.9	-67.7	-2.8	-15.3	-17.8	-367.9
1981	16454	-1277.0	-57.7	-54.7	-67.9	-1.3	-14.7	-17.8	-365.8
1982	19892	-1247.8	-56.1	-53.6	-66.5	-0.7	-14.5	-17.7	-357.6
1983	26480	-1237.5	-55.1	-52.9	-66.1	0.3	-13.8	-17.7	-352.5
1984	33994	-1221.0	-55.0	-52.3	-65.3	-0.9	-13.8	-17.7	-349.8
1985	39069	-1210.9	-55.3	-51.8	-64.9	-2.3	-13.5	-17.7	-348.2
1986	36127	-1208.2	-54.8	-51.3	-64.7	-1.5	-12.7	-17.7	-345.1
1987	34313	-1208.7	-54.3	-50.8	-64.8	-0.3	-11.6	-17.7	-341.9
1988	44035	-1212.6	-53.0	-51.1	-65.0	2.6	-11.8	-17.8	-340.5
1989	32011	-1243.3	-52.4	-50.9	-66.5	6.5	-9.2	-18.0	-338.7
1990	23405	-1181.4	-50.5	-48.4	-63.7	4.7	-8.7	-17.9	-323.7
1991	19902	-1054.9	-44.6	-44.1	-57.9	5.2	-9.2	-17.5	-291.9
1992	18841	-992.2	-42.6	-41.9	-55.0	3.7	-9.3	-17.3	-277.7
1993	18751	-887.1	-38.5	-37.8	-50.4	2.5	-8.7	-17.5	-250.9
1994	12675	-825.3	-37.1	-35.8	-48.2	-0.1	-9.1	-18.4	-239.0
1995	9165	-777.7	-37.1	-34.3	-46.6	-3.7	-9.6	-19.4	-232.5
1996	6306	-676.1	-34.2	-30.6	-41.9	-6.7	-9.4	-19.0	-209.8
1997	4586	-591.9	-30.1	-27.2	-38.1	-5.9	-8.9	-18.8	-186.2
1998	3909	-567.0	-28.9	-25.4	-36.7	-5.8	-7.4	-18.2	-176.1
1999	3624	-527.3	-26.0	-22.7	-34.7	-3.7	-5.1	-17.9	-158.2
2000	3395	-434.0	-22.6	-19.7	-29.3	-4.9	-5.8	-15.7	-137.1
2001	3277	-367.4	-19.5	-17.5	-18.6	-4.7	-6.1	-2.7	-118.2
2002	2735	-273.8	-14.1	-13.5	-13.2	-2.5	-5.1	-0.8	-89.0
2003	2719	-266.6	-16.4	-13.2	-13.1	-6.9	-5.1	-1.3	-92.7
2004	2657	-244.6	-14.8	-11.6	-13.0	-5.8	-3.8	-2.8	-82.7
2005	2585	-217.6	-13.6	-10.3	-12.4	-5.8	-3.2	-3.8	-74.6
2006	2760	-82.8	-8.8	-4.9	-6.2	-7.5	-2.5	-3.8	-40.4
2007	2871	-103.4	-7.6	-5.4	-7.3	-4.5	-2.1	-4.1	-40.3
2008	2887	-67.1	-5.0	-3.6	-5.8	-2.8	-1.3	-4.3	-26.9
2009	2685	-1.6	-3.6	-1.3	-3.9	-5.1	-1.5	-6.1	-14.1
2010	2520	71.2	-1.2	0.4	-0.7	-6.2	-2.9	-6.3	-1.1
2011	2513	97.8	2.1	2.2	-0.0	-2.8	-1.7	-7.0	13.3
2012	2596	120.1	4.8	3.6	0.9	-0.2	-0.8	-7.1	25.0

2013	2710	126.8	4.9	5.5	2.8	-0.7	1.7	-4.7	33.7
2014	2336	185.2	8.2	6.7	4.2	0.6	0.3	-6.6	46.1
2015	2001	194.4	9.6	6.8	4.4	2.0	-0.0	-6.9	49.5
2016	1584	229.1	12.7	9.3	6.2	4.4	1.6	-6.6	66.6
2017	245	264.9	15.6	10.7	6.7	6.4	1.8	-8.3	78.9

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

Tabel: 103 Maas Rijn IJssel: Exterieurkenmerken bouw

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	50496	89.0	96.9	90.7	95.9	99.8	97.9	96.6
1981	51090	89.2	96.9	91.0	96.2	99.5	98.0	96.8
1982	49376	89.3	97.3	91.5	96.7	100.1	98.1	96.6
1983	47998	89.6	97.3	91.9	96.9	100.2	98.6	96.6
1984	41173	90.1	97.5	92.2	97.3	99.9	98.4	97.1
1985	36107	90.9	98.0	92.9	97.9	100.2	98.8	97.6
1986	26253	91.3	98.1	93.4	98.4	100.0	98.8	97.7
1987	20081	92.1	98.3	94.0	98.9	100.0	98.9	97.8
1988	21236	92.2	98.3	94.5	99.2	100.0	98.8	97.6
1989	13455	92.0	98.5	94.5	99.3	100.5	99.0	97.9
1990	9562	92.5	98.1	94.3	99.2	100.0	99.0	98.1
1991	8417	93.1	97.6	94.8	99.7	99.5	99.0	97.9
1992	7697	93.6	97.3	95.2	100.3	99.1	98.4	97.7
1993	6976	93.9	97.0	94.7	100.2	98.9	98.3	97.4
1994	4510	94.6	98.1	95.6	100.8	98.9	98.3	98.2
1995	3177	94.9	98.6	96.3	101.0	98.9	98.6	98.6
1996	2305	96.3	98.7	97.1	101.2	99.5	99.0	99.1
1997	1613	96.5	99.3	97.7	101.6	99.3	99.1	99.2
1998	1444	96.6	98.9	97.4	101.4	99.1	99.0	98.7
1999	1407	96.8	99.2	97.6	101.7	99.0	98.3	98.1
2000	1299	97.1	99.0	97.3	101.8	98.7	99.1	98.6
2001	1256	97.4	99.5	98.1	102.3	98.8	99.3	99.0
2002	1132	97.8	99.4	98.2	102.6	98.8	98.8	98.9
2003	1116	98.7	99.9	98.5	102.9	99.0	99.8	99.6
2004	1113	99.1	99.7	98.3	102.6	98.8	99.6	99.4
2005	1118	99.7	100.3	99.1	103.3	99.0	99.6	99.4
2006	1149	100.0	99.7	99.1	103.6	98.1	99.6	99.1
2007	1097	99.7	99.6	98.6	103.0	98.3	99.8	100.0
2008	1058	99.9	100.3	99.1	103.4	98.7	99.7	100.4
2009	1072	100.5	100.3	99.3	103.6	98.6	99.4	99.9
2010	1083	100.5	100.0	99.3	103.8	98.4	99.4	99.8
2011	1084	100.7	100.5	99.8	104.1	98.5	99.6	100.4
2012	1102	101.1	100.8	100.0	103.8	98.8	99.3	100.2
2013	1121	101.2	100.7	100.1	104.2	98.3	99.4	100.1
2014	920	101.4	100.8	99.9	103.8	98.5	99.8	100.6
2015	793	101.4	100.7	99.9	103.9	98.5	99.9	100.4
2016	658	101.7	100.9	100.7	104.5	98.5	99.7	100.1
2017	48	101.8	100.8	101.1	104.7	98.4	99.4	99.8

Tabel: 104 Maas Rijn IJssel: Exterieurkenmerken beenwerk

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	50496	91.5	99.4	88.8	90.3
1981	51090	91.6	99.7	88.5	90.4

1982	49376	92.0	100.3	88.4	90.8
1983	47998	92.1	100.5	88.9	90.8
1984	41173	92.9	99.6	89.8	91.9
1985	36107	93.3	99.0	90.1	92.3
1986	26253	93.7	99.1	90.2	92.6
1987	20081	94.1	98.5	90.9	93.0
1988	21236	93.6	99.3	91.1	92.7
1989	13455	93.5	99.7	91.1	92.7
1990	9562	93.4	99.9	91.3	92.5
1991	8417	93.7	100.2	91.1	92.8
1992	7697	94.4	100.2	91.9	93.3
1993	6976	95.0	99.6	92.9	93.9
1994	4510	95.3	100.2	93.2	94.0
1995	3177	96.2	100.3	93.9	94.7
1996	2305	96.8	100.7	94.3	95.7
1997	1613	97.1	100.9	94.4	95.7
1998	1444	96.9	100.3	94.4	95.7
1999	1407	97.5	100.7	94.9	96.3
2000	1299	97.3	100.4	95.2	96.2
2001	1256	97.6	100.9	94.8	96.3
2002	1132	98.1	100.9	95.1	97.0
2003	1116	97.8	100.5	95.9	96.7
2004	1113	98.1	100.3	96.1	97.1
2005	1118	98.0	100.6	96.3	97.2
2006	1149	98.4	101.1	96.0	97.4
2007	1097	98.7	100.3	96.8	98.0
2008	1058	98.7	100.5	96.4	97.7
2009	1072	99.2	100.8	96.9	98.2
2010	1083	99.7	101.0	96.9	99.0
2011	1084	99.9	100.8	96.9	99.2
2012	1102	99.9	100.6	97.3	99.2
2013	1121	100.3	100.5	97.9	99.7
2014	920	100.8	100.4	97.9	100.3
2015	793	100.7	100.4	98.1	100.0
2016	658	101.1	100.4	98.3	100.7
2017	48	101.3	100.7	98.4	101.0

Tabel: 105 Maas Rijn IJssel: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	50496	94.7	91.1	100.5	95.2	93.8	92.7	90.2
1981	51090	95.0	91.2	100.5	95.2	93.6	92.8	90.1
1982	49376	95.0	91.7	100.7	95.0	93.4	92.9	90.8
1983	47998	95.3	92.1	100.5	95.3	93.6	93.0	91.2
1984	41173	96.0	92.7	101.2	95.6	94.5	93.4	91.7
1985	36107	96.4	93.0	101.9	95.6	94.8	93.5	91.9
1986	26253	96.6	93.2	102.0	95.6	95.1	93.7	92.2
1987	20081	97.1	93.6	102.0	96.0	95.2	94.0	92.6
1988	21236	97.0	94.0	101.5	96.2	94.7	94.3	92.8
1989	13455	96.8	94.2	100.8	96.3	94.4	95.0	93.3
1990	9562	97.0	94.7	101.4	96.8	94.7	94.8	93.5
1991	8417	97.7	95.4	101.7	96.8	95.6	94.8	93.8
1992	7697	97.8	96.1	101.3	96.7	95.9	94.5	93.9
1993	6976	98.7	96.5	100.9	97.7	96.3	95.3	94.4
1994	4510	98.9	96.8	100.9	97.7	96.0	95.2	94.7
1995	3177	99.0	97.1	100.5	97.9	96.0	95.7	95.3
1996	2305	98.5	97.6	100.4	98.2	96.0	95.9	96.0
1997	1613	98.4	97.7	100.5	98.0	96.4	96.1	96.4
1998	1444	98.7	97.5	100.9	98.2	96.7	95.8	95.9

1999	1407	98.7	97.7	101.0	98.1	97.4	96.7	96.5
2000	1299	98.9	97.2	101.3	98.2	97.2	96.5	96.5
2001	1256	99.1	98.1	100.6	98.3	97.0	96.9	97.1
2002	1132	99.4	98.5	100.4	98.8	97.8	97.4	97.6
2003	1116	99.4	98.6	100.4	99.2	97.8	97.2	97.6
2004	1113	99.7	98.9	100.3	99.5	98.4	97.2	97.7
2005	1118	99.7	99.0	100.7	99.6	98.4	97.4	97.8
2006	1149	99.9	98.6	100.7	100.1	99.1	97.6	97.8
2007	1097	99.9	99.8	101.0	99.9	100.0	98.5	98.9
2008	1058	99.6	99.4	100.4	99.8	99.8	98.9	99.1
2009	1072	100.1	100.0	100.2	100.3	100.4	99.3	99.7
2010	1083	100.5	100.4	100.0	100.7	101.1	99.5	100.2
2011	1084	101.1	100.2	99.9	100.8	101.1	99.2	99.8
2012	1102	101.2	100.7	99.3	101.3	101.2	99.6	100.5
2013	1121	101.0	101.8	99.6	100.8	102.4	100.1	101.3
2014	920	101.7	101.7	98.9	101.4	101.9	99.7	100.8
2015	793	102.1	101.5	98.8	101.4	101.7	99.5	100.7
2016	658	101.8	102.2	98.7	101.5	102.6	100.3	101.4
2017	48	101.0	103.0	98.4	101.1	102.8	101.0	102.3

Tabel: 106 Maas Rijn IJssel: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	50496	92.9	94.9	93.1	88.1	103.5	87.2
1981	51090	93.2	95.0	93.2	88.3	103.3	87.4
1982	49376	93.4	96.0	93.1	88.7	103.5	87.8
1983	47998	93.8	96.3	93.4	88.9	103.4	88.2
1984	41173	94.2	96.6	94.2	89.7	102.9	89.2
1985	36107	95.0	97.5	94.5	89.8	102.9	89.8
1986	26253	95.3	97.9	94.7	90.2	102.7	90.3
1987	20081	95.7	98.4	95.2	90.6	102.3	90.9
1988	21236	95.7	98.8	95.1	90.5	102.2	90.9
1989	13455	96.0	99.2	95.1	90.8	102.6	91.2
1990	9562	95.8	98.7	95.4	90.6	102.3	91.2
1991	8417	95.8	98.8	96.0	91.0	101.7	91.7
1992	7697	95.4	98.9	96.1	91.6	101.0	91.9
1993	6976	95.0	98.5	97.1	92.3	100.3	92.7
1994	4510	96.0	99.2	97.0	92.7	100.5	93.2
1995	3177	96.8	99.7	97.1	93.6	100.6	94.0
1996	2305	97.5	100.4	96.9	94.6	100.9	94.8
1997	1613	98.0	100.8	97.0	94.7	100.9	95.1
1998	1444	97.5	100.4	97.2	94.7	100.7	95.0
1999	1407	97.0	100.5	97.6	95.4	100.6	95.5
2000	1299	97.4	100.2	97.5	95.3	100.3	95.4
2001	1256	98.2	100.9	97.6	95.4	100.3	95.9
2002	1132	98.0	101.1	98.2	96.1	100.3	96.5
2003	1116	99.0	101.6	98.4	95.9	100.7	96.9
2004	1113	98.7	101.3	98.8	96.3	100.5	97.2
2005	1118	99.1	101.8	98.9	96.4	100.8	97.5
2006	1149	98.8	101.3	99.4	96.7	100.0	97.7
2007	1097	99.2	101.3	99.7	97.3	100.1	98.3
2008	1058	99.7	101.9	99.5	97.0	100.6	98.3
2009	1072	99.4	101.9	100.1	97.6	100.4	98.9
2010	1083	99.2	101.9	100.6	98.4	100.0	99.5
2011	1084	99.9	102.3	100.8	98.6	100.3	100.0
2012	1102	99.9	102.3	101.0	98.7	100.7	100.2
2013	1121	99.9	102.3	101.3	99.3	100.0	100.6
2014	920	100.4	102.2	101.6	99.8	100.3	101.2
2015	793	100.3	102.3	101.6	99.6	100.2	101.1

2016	658	100.3	102.5	102.0	100.3	100.1	101.7
2017	48	100.1	102.7	101.6	100.6	100.1	101.6

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	95368	103.8	101.7	101.8	103.0	100.7	100.3	89.8	102.6
1981	102065	104.0	101.6	102.0	103.1	101.0	100.3	89.6	102.8
1982	98116	103.7	101.6	101.7	102.9	100.7	100.2	89.3	102.5
1983	96666	103.5	101.4	101.6	102.6	100.5	100.3	89.5	102.3
1984	87950	103.1	101.3	101.4	102.5	100.3	100.4	89.6	102.2
1985	79482	102.7	101.2	101.1	102.3	99.9	100.3	90.4	101.9
1986	63974	102.6	101.1	101.0	102.1	99.8	100.1	90.5	101.7
1987	53423	102.7	100.9	100.9	102.0	99.9	100.2	90.6	101.7
1988	55472	103.2	100.4	100.9	101.7	100.2	100.7	90.2	101.5
1989	38794	103.3	100.4	101.1	101.9	100.4	100.9	90.1	101.6
1990	28067	103.1	100.2	100.9	101.5	100.3	101.1	90.3	101.3
1991	24650	102.5	100.3	100.6	101.3	100.0	100.7	91.0	101.0
1992	23861	102.2	100.6	100.7	101.4	100.1	100.7	91.9	101.2
1993	23275	102.0	100.4	100.7	101.4	100.2	100.6	92.2	101.1
1994	15890	102.1	99.7	100.2	100.7	99.9	100.7	92.1	100.5
1995	11535	101.9	99.8	100.2	100.7	99.9	100.4	92.1	100.5
1996	8024	101.4	100.3	100.3	100.9	99.7	99.8	93.9	100.7
1997	5924	101.1	100.1	100.0	100.6	99.5	99.7	94.2	100.3
1998	5103	101.1	100.2	100.1	100.7	99.6	99.7	94.5	100.5
1999	4647	101.2	99.9	100.2	100.7	99.9	100.3	95.1	100.5
2000	4207	101.1	99.8	100.2	100.7	100.0	100.6	95.1	100.5
2001	4049	100.9	99.7	99.9	100.3	99.6	100.2	95.1	100.1
2002	3401	100.5	99.4	99.5	100.0	99.3	99.9	95.7	99.7
2003	3475	100.4	99.7	99.7	100.2	99.3	99.4	96.6	99.9
2004	3324	100.6	100.0	100.1	100.6	99.8	99.6	97.1	100.4
2005	3162	100.4	100.1	100.1	100.6	99.7	99.8	97.8	100.4
2006	3328	100.1	99.8	99.9	100.3	99.6	100.2	98.1	100.1
2007	3519	100.2	99.9	100.1	100.4	99.8	100.2	98.7	100.3
2008	3558	100.3	99.8	100.2	100.5	99.9	100.2	99.0	100.4
2009	3158	100.4	100.1	100.5	100.8	100.2	100.4	99.2	100.8
2010	2975	100.4	100.0	100.5	100.7	100.2	100.2	99.6	100.6
2011	3015	100.1	99.8	100.1	100.4	99.9	99.9	99.9	100.3
2012	3120	99.9	100.0	100.1	100.5	99.8	99.4	100.1	100.4
2013	3270	100.5	99.6	100.5	100.6	100.6	100.5	99.8	100.6
2014	2770	100.3	99.8	100.6	100.6	100.3	99.8	100.9	100.7
2015	2431	100.6	99.7	100.8	100.7	100.7	100.5	101.1	100.9
2016	1969	100.5	99.6	100.7	100.7	100.7	100.8	101.0	100.8
2017	940	100.5	99.8	100.9	100.9	100.8	101.0	101.4	101.0

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	10890	97.1	88.8	98.9	102.4	102.8
1981	11036	97.0	89.2	98.5	101.9	102.6
1982	11189	97.1	90.5	98.2	101.7	102.3
1983	12604	97.5	91.4	98.0	101.4	102.1
1984	13280	97.3	92.7	97.9	101.0	101.8
1985	12743	97.4	93.5	97.6	100.8	101.7

1986	10403	97.5	94.2	97.5	100.7	101.6
1987	8730	97.9	95.2	97.3	100.6	101.5
1988	10198	98.1	95.9	97.7	100.7	101.9
1989	6926	98.3	95.8	97.7	100.4	101.7
1990	5427	98.0	95.7	97.8	100.5	101.8
1991	6864	98.5	96.1	97.8	100.5	101.6
1992	7699	98.7	96.4	97.5	100.2	101.2
1993	6906	98.9	97.3	98.3	100.9	101.5
1994	4331	98.9	97.2	98.0	100.5	100.9
1995	3053	99.3	97.0	97.6	100.1	100.3
1996	2173	99.8	96.7	98.2	100.2	100.7
1997	1510	99.7	97.0	98.0	100.0	100.4
1998	1368	99.9	97.2	98.1	99.8	100.6
1999	1313	99.7	97.1	97.8	99.3	100.1
2000	1216	99.3	98.0	98.2	99.8	100.5
2001	1187	99.4	97.7	97.8	99.3	100.1
2002	1041	99.8	98.4	98.5	99.8	100.5
2003	1023	99.6	97.9	98.3	99.4	100.3
2004	981	99.4	98.2	98.8	99.8	100.7
2005	957	99.6	98.4	98.2	99.1	100.3
2006	959	99.7	98.7	98.3	99.0	100.2
2007	960	99.7	99.3	98.8	99.6	100.9
2008	888	99.8	99.3	98.8	99.3	100.6
2009	918	99.6	99.1	99.3	99.5	100.8
2010	933	99.9	99.8	99.5	99.7	100.7
2011	897	100.0	100.4	99.8	99.7	100.6
2012	908	100.0	100.3	100.2	100.0	100.7
2013	912	99.7	100.0	100.1	100.1	101.0
2014	780	100.2	100.3	99.8	99.7	100.4
2015	624	100.3	100.7	99.6	99.6	100.1
2016	565	99.8	100.8	100.1	100.2	100.6
2017	40	99.1	100.9	100.6	100.4	100.8

Tabel: 109 Maas Rijn IJssel: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	15910	-185.1	-367.9	-219.5	102.9	102.6	93.1	88.1	98.2
1981	16446	-190.3	-365.8	-252.0	102.6	102.8	93.2	88.3	98.5
1982	19884	-193.0	-357.6	-271.2	102.4	102.5	93.1	88.7	98.3
1983	26473	-196.2	-352.5	-302.7	102.0	102.3	93.4	88.9	98.0
1984	33988	-197.0	-349.8	-371.0	101.7	102.2	94.2	89.7	98.4
1985	39069	-203.1	-348.2	-445.8	101.5	101.9	94.5	89.8	98.4
1986	36125	-206.5	-345.1	-509.5	101.4	101.7	94.7	90.2	98.4
1987	34313	-207.3	-341.9	-562.5	101.3	101.7	95.2	90.6	98.5
1988	44035	-209.6	-340.5	-596.0	101.6	101.5	95.1	90.5	98.6
1989	32011	-209.6	-338.7	-618.2	101.3	101.6	95.1	90.8	98.4
1990	23405	-204.6	-323.7	-583.8	101.4	101.3	95.4	90.6	98.2
1991	19902	-188.9	-291.9	-530.8	101.3	101.0	96.0	91.0	98.1
1992	18841	-181.7	-277.7	-502.5	100.9	101.2	96.1	91.6	98.0
1993	18751	-153.1	-250.9	-438.2	101.4	101.1	97.1	92.3	98.1
1994	12675	-157.2	-239.0	-433.5	100.8	100.5	97.0	92.7	98.1
1995	9164	-150.5	-232.5	-405.9	100.3	100.5	97.1	93.6	98.2
1996	6306	-131.6	-209.8	-335.1	100.6	100.7	96.9	94.6	98.4
1997	4586	-125.2	-186.2	-315.6	100.3	100.3	97.0	94.7	98.4
1998	3909	-116.0	-176.1	-288.6	100.3	100.5	97.2	94.7	98.5
1999	3624	-103.7	-158.2	-285.9	99.7	100.5	97.6	95.4	98.6
2000	3395	-88.7	-137.1	-238.2	100.3	100.5	97.5	95.3	98.9
2001	3277	-87.6	-118.2	-214.3	99.7	100.1	97.6	95.4	98.9
2002	2735	-66.0	-89.0	-156.1	100.2	99.7	98.2	96.1	98.8

2003	2719	-67.5	-92.7	-144.5	99.9	99.9	98.4	95.9	98.6
2004	2657	-49.4	-82.7	-90.7	100.3	100.4	98.8	96.3	98.8
2005	2585	-49.2	-74.6	-106.1	99.7	100.4	98.9	96.4	98.7
2006	2760	-31.5	-40.4	-35.7	99.7	100.1	99.4	96.7	99.0
2007	2871	-21.8	-40.3	-18.2	100.4	100.3	99.7	97.3	99.1
2008	2887	-23.1	-26.9	-51.8	100.1	100.4	99.5	97.0	99.4
2009	2685	-10.1	-14.1	-26.1	100.3	100.8	100.1	97.6	99.5
2010	2520	1.6	-1.1	27.3	100.3	100.6	100.6	98.4	99.4
2011	2513	5.5	13.3	31.7	100.3	100.3	100.8	98.6	99.2
2012	2596	10.5	25.0	28.1	100.5	100.4	101.0	98.7	99.1
2013	2710	21.1	33.7	35.3	100.7	100.6	101.3	99.3	99.5
2014	2336	27.0	46.1	62.2	100.1	100.7	101.6	99.8	99.5
2015	2001	27.6	49.5	62.1	99.9	100.9	101.6	99.6	99.5
2016	1584	45.7	66.6	88.6	100.5	100.8	102.0	100.3	99.4
2017	245	61.1	78.9	127.7	100.7	101.0	101.6	100.6	99.6

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1986	10	96.7	97.0	98.5	97.4	98.0	99.7	99.2
1991	11	95.1	96.6	97.8	95.6	95.9	99.6	98.7
1992	14	96.6	97.3	98.4	96.8	97.0	100.7	99.0
1993	48	95.9	97.7	97.8	95.1	99.0	97.4	100.1
1994	120	96.0	96.9	98.2	95.5	98.9	99.5	100.2
1995	455	96.2	97.0	98.3	95.7	99.0	99.5	100.3
1996	258	96.8	97.7	98.3	96.4	98.4	100.3	99.7
1997	362	96.8	97.6	98.4	96.5	98.3	100.4	99.8
1998	418	96.6	97.7	98.2	96.4	98.4	100.2	99.7
1999	496	96.4	97.5	98.1	96.2	98.6	99.2	99.7
2000	408	96.3	98.0	97.9	95.7	99.0	98.4	99.8
2001	397	97.0	98.2	98.5	96.3	99.3	99.3	100.3
2002	483	97.9	98.7	98.7	97.6	99.4	100.2	100.5
2003	541	98.1	98.9	98.7	97.8	99.5	100.3	100.4
2004	636	97.6	98.7	98.5	97.3	99.2	99.4	100.0
2005	558	98.2	98.9	99.0	97.9	99.3	100.2	100.2
2006	667	98.1	99.2	98.6	97.6	99.3	100.3	100.2
2007	707	98.4	99.4	99.0	98.1	99.3	99.7	99.8
2008	744	97.8	99.0	98.5	97.6	99.0	99.2	99.7
2009	776	97.8	99.1	98.2	97.5	99.0	99.4	100.0
2010	771	98.8	99.6	98.7	98.3	99.6	100.4	100.8
2011	747	99.2	99.7	99.0	98.7	99.3	100.7	100.6
2012	704	99.2	99.8	99.1	98.6	99.6	100.7	100.6
2013	756	99.7	100.7	99.3	98.4	100.4	99.7	100.7
2014	609	100.0	100.7	99.6	98.7	100.4	100.7	100.8
2015	468	99.6	100.1	99.4	98.6	99.9	100.9	100.9
2016	227	99.8	100.1	99.5	98.8	99.8	100.8	101.0

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	13111	97.3	99.5	97.3	99.5	98.7	99.8
1981	12664	97.3	99.7	97.3	99.7	98.9	99.9
1982	14629	96.8	99.8	96.8	99.8	98.3	99.8
1983	18020	96.9	99.4	96.9	99.4	98.2	99.8

1984	20700	97.3	99.5	97.3	99.5	98.6	99.8
1985	21754	97.5	99.4	97.5	99.4	98.6	99.3
1986	18998	97.7	99.4	97.7	99.4	98.9	99.4
1987	17649	97.5	99.7	97.5	99.7	98.8	99.1
1988	21821	97.5	99.8	97.5	99.8	98.8	99.3
1989	17410	97.4	99.6	97.4	99.6	98.8	99.3
1990	15501	97.2	99.8	97.2	99.8	98.5	99.4
1991	18043	97.2	99.8	97.2	99.8	98.7	99.5
1992	18850	97.3	99.6	97.3	99.6	98.7	99.4
1993	22966	97.6	99.5	97.6	99.5	99.8	99.3
1994	17668	97.8	99.4	97.8	99.4	99.9	99.1
1995	15353	97.8	99.4	97.8	99.4	99.9	99.1
1996	11636	98.1	99.4	98.1	99.4	99.6	99.3
1997	9103	98.1	99.4	98.1	99.4	99.5	99.4
1998	7936	98.1	99.5	98.1	99.5	99.5	99.4
1999	7452	98.3	99.5	98.3	99.5	100.0	99.3
2000	6670	98.7	99.6	98.7	99.6	100.8	99.5
2001	5840	98.9	99.4	98.9	99.4	100.9	99.2
2002	5204	98.5	99.5	98.5	99.5	100.8	99.2
2003	5191	98.6	99.4	98.6	99.4	100.3	99.1
2004	4976	98.7	99.6	98.7	99.6	100.5	99.4
2005	4563	98.6	99.5	98.6	99.5	100.3	99.3
2006	4550	98.9	99.7	98.9	99.7	100.8	99.7
2007	4431	98.9	99.8	98.9	99.8	101.1	99.5
2008	4465	98.9	100.2	98.9	100.2	101.0	100.0
2009	4427	99.0	100.3	99.0	100.3	100.8	99.9
2010	4255	98.8	100.2	98.8	100.2	100.4	99.9
2011	4131	98.8	100.1	98.8	100.1	100.5	99.8
2012	4001	98.6	100.0	98.6	100.0	100.3	99.7
2013	4147	99.1	100.2	99.1	100.2	100.9	99.7
2014	3777	98.7	100.5	98.7	100.5	100.8	99.9
2015	3567	98.7	100.5	98.7	100.5	101.0	99.9
2016	3221	98.8	100.3	98.8	100.3	101.0	99.8
2017	2738	99.0	100.3	99.0	100.4	101.2	100.0
2018	2519	98.7	100.3	98.7	100.4	101.0	99.8
2019	1021	98.8	100.0	98.8	100.0	101.2	99.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	19100	96.1	101.9	104.5	82.0	80.7	82.1
1981	18839	96.2	102.0	104.4	82.4	80.8	82.0
1982	20097	95.8	102.4	104.9	85.2	83.9	85.7
1983	34489	95.7	102.6	105.0	88.7	87.6	89.2
1984	32909	96.6	102.2	104.0	91.6	90.1	91.2
1985	27861	97.0	101.6	103.6	93.3	92.8	93.6
1986	22551	96.5	101.8	104.0	93.0	92.4	93.5
1987	19121	97.7	101.1	102.8	95.2	94.7	96.1
1988	19751	97.8	101.3	102.8	97.1	95.8	96.8
1989	12293	97.1	100.9	103.5	96.9	94.8	95.8
1990	9530	97.3	101.9	103.2	95.5	94.9	96.4
1991	10181	97.2	102.1	103.4	96.7	97.0	98.2
1992	9986	97.4	102.4	103.3	96.0	97.3	98.4
1993	8660	98.2	101.3	102.5	96.2	97.6	99.1
1994	5575	98.1	101.7	102.7	96.7	97.6	99.3
1995	5066	98.5	101.5	102.2	96.8	97.5	98.3
1996	3876	98.8	101.9	101.9	97.4	97.5	98.1
1997	2762	98.2	101.6	102.4	98.3	97.7	98.2
1998	2285	98.7	101.5	101.9	97.7	98.2	98.8

1999	2318	99.2	101.1	101.4	97.7	97.8	99.1
2000	2245	98.6	100.7	102.0	98.5	97.9	99.7
2001	2148	98.7	100.6	101.9	98.5	97.9	99.1
2002	1844	98.3	100.4	102.3	98.3	97.3	98.1
2003	1996	98.1	100.9	102.5	98.4	98.5	99.9
2004	2086	97.8	100.6	102.7	99.1	98.6	99.3
2005	2159	97.8	100.3	102.7	99.3	99.5	99.6
2006	2276	97.7	101.1	102.8	99.6	98.6	99.8
2007	2907	98.5	100.3	101.9	98.4	99.0	101.2
2008	3062	97.9	100.6	102.5	99.4	99.0	101.1
2009	3103	97.7	100.8	102.7	99.7	99.8	101.0
2010	2958	97.8	101.0	102.6	99.5	99.9	100.5
2011	2861	97.7	101.0	102.8	99.3	99.7	99.9
2012	2684	97.6	100.9	102.9	99.5	100.1	100.1
2013	2694	98.8	100.1	101.5	98.1	100.4	101.4
2014	2570	98.4	100.7	101.9	99.1	100.2	100.8
2015	2446	98.5	100.3	101.6	98.6	100.4	100.5
2016	1993	98.6	100.4	101.6	98.3	100.4	101.1
2017	1643	98.4	100.3	102.0	98.8	99.7	100.0
2018	1406	98.3	100.2	102.0	98.4	99.2	99.2
2019	568	99.5	100.1	100.8	98.6	99.7	100.0

Tabel: 113 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	16948	106.8	107.7	97.2	99.9	110.9	95.8	105.0	99.4	111.3	97.2	102.9
1981	17630	106.5	107.7	97.1	100.1	110.9	96.1	104.8	99.0	111.1	97.3	103.0
1982	18396	106.5	107.7	96.9	100.5	110.7	96.2	104.9	99.0	110.7	97.8	102.6
1983	21279	106.3	107.4	96.8	100.3	110.5	96.3	104.6	98.8	110.7	97.7	103.5
1984	23272	106.0	106.6	96.9	100.0	110.0	96.2	104.4	99.0	110.1	97.7	102.5
1985	23104	106.0	106.3	96.4	100.4	109.6	96.2	104.4	99.2	109.6	97.2	103.3
1986	20288	105.8	106.1	96.6	100.4	109.4	96.3	104.5	99.0	109.3	97.3	102.8
1987	18324	105.7	105.8	96.5	100.6	109.1	96.1	104.3	99.1	109.0	97.0	102.8
1988	21810	105.3	105.9	96.9	100.6	108.7	96.4	103.9	99.3	108.9	97.6	102.2
1989	16968	105.8	106.3	96.9	100.7	109.3	96.5	104.2	99.5	109.2	97.8	102.5
1990	15039	105.2	105.9	97.2	100.4	108.4	96.7	103.9	99.4	108.6	97.9	102.1
1991	16016	104.7	104.7	97.2	100.1	107.0	96.8	103.4	99.8	107.3	97.6	101.8
1992	18620	104.2	103.9	97.8	99.7	106.3	97.0	103.0	99.9	106.6	98.0	101.3
1993	19386	104.3	103.9	98.6	99.3	106.5	97.1	102.9	100.3	106.6	98.6	100.8
1994	13730	103.5	103.5	98.4	99.6	105.4	97.5	102.5	99.6	105.7	98.7	100.5
1995	10236	103.0	103.4	98.7	99.7	104.9	97.8	102.1	99.5	105.4	98.9	100.2
1996	8635	102.4	103.1	97.9	100.3	103.8	97.8	101.6	99.5	104.9	98.4	100.6
1997	7432	102.0	102.5	98.2	100.1	103.1	98.0	101.2	99.5	104.4	98.5	100.3
1998	5759	102.1	102.0	98.5	99.8	102.9	98.0	101.2	100.1	103.9	98.8	100.1
1999	6062	102.3	102.3	98.8	100.2	103.3	98.4	101.4	100.1	104.1	99.5	99.9
2000	4860	102.4	102.2	99.1	100.2	103.1	98.4	101.6	100.4	103.7	99.9	99.4
2001	4487	101.6	101.5	99.4	99.7	102.1	98.8	101.0	100.0	103.1	99.9	99.3
2002	4502	101.8	101.5	99.3	100.0	102.0	98.8	101.1	100.1	103.2	99.6	99.7
2003	4342	101.3	101.6	98.5	100.4	101.3	98.9	100.5	100.2	102.9	99.0	100.0
2004	4127	101.5	101.5	98.8	100.2	101.6	98.9	100.7	100.2	103.0	99.4	99.9
2005	3799	101.5	101.3	98.6	100.6	101.0	98.8	100.9	100.3	102.3	99.3	100.1
2006	3790	101.1	100.6	99.6	99.8	100.7	99.3	100.5	100.6	101.9	100.0	99.0
2007	3401	100.7	100.7	99.2	99.2	101.0	99.4	99.8	100.3	102.5	99.3	98.9
2008	3306	100.9	100.5	99.0	99.7	100.7	99.3	100.3	100.2	102.2	99.2	99.3
2009	3178	100.7	100.5	99.5	100.0	100.2	99.8	100.2	100.1	102.2	99.9	99.2
2010	2879	100.0	99.8	99.2	99.6	99.2	99.8	99.8	99.8	101.4	99.4	98.9
2011	2351	99.5	99.5	99.0	99.5	98.7	100.0	99.4	99.6	101.1	99.3	99.0
2012	1621	99.0	99.6	99.0	99.9	98.2	100.5	99.1	99.1	101.1	99.7	99.0
2013	1497	99.0	99.2	98.5	99.7	98.2	100.3	99.3	98.6	100.6	99.0	98.9

2014	1048	98.7	99.2	98.4	99.7	97.9	100.4	99.0	98.8	100.4	99.0	99.0
2015	788	98.7	99.3	98.4	99.8	97.9	100.5	98.9	98.9	100.4	99.0	99.0
2016	647	98.9	99.2	98.4	99.9	97.9	100.0	99.2	98.8	100.2	98.7	98.9
2017	48	99.2	99.2	98.9	100.0	98.3	100.0	99.6	99.2	100.4	98.7	99.2

Tabel: 114 Maas Rijn IJssel: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	13118	97.1	96.4	102.3
1981	12622	97.7	96.9	102.2
1982	14653	97.5	96.9	102.2
1983	18207	97.6	96.8	102.3
1984	21168	96.8	96.2	102.2
1985	22302	96.3	95.7	102.1
1986	19668	96.6	96.0	101.9
1987	18175	96.1	95.5	101.7
1988	22607	96.2	95.6	102.2
1989	18053	96.3	95.8	102.4
1990	16194	95.9	95.6	102.4
1991	17950	95.7	95.5	102.1
1992	18126	95.9	95.8	102.0
1993	24484	95.9	95.7	102.2
1994	22574	96.3	96.1	102.1
1995	17403	96.6	96.5	102.0
1996	13020	97.2	97.3	101.7
1997	10371	97.6	97.6	101.4
1998	9026	97.7	97.6	101.5
1999	8406	98.5	98.1	101.5
2000	7429	98.9	98.5	101.8
2001	6430	99.0	98.5	101.5
2002	5762	99.7	98.9	101.3
2003	5706	99.7	99.0	100.6
2004	5490	99.6	98.7	100.6
2005	4957	99.6	98.7	100.5
2006	4928	99.8	98.7	100.5
2007	4764	100.4	99.2	101.1
2008	4861	100.3	98.9	100.6
2009	4788	99.9	98.7	99.8
2010	4587	100.7	99.6	99.8
2011	4468	100.7	99.6	99.7
2012	4284	101.1	99.8	99.6
2013	4478	101.1	99.8	99.8
2014	4130	101.3	100.0	99.9
2015	3924	101.9	100.4	99.6
2016	3533	101.8	100.4	99.6
2017	3117	102.1	100.7	99.7
2018	2818	102.2	100.9	99.6
2019	1109	102.5	101.1	99.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	3275	-2142.9	-7592.0	-387.0	-298.8
2002	2743	-1691.0	-5851.2	-307.3	-235.1

2003	2717	-1633.1	-5539.7	-303.3	-224.2
2004	2659	-1267.0	-4115.4	-239.9	-172.2
2005	2589	-1328.9	-4381.5	-251.8	-180.4
2006	2762	-779.0	-2192.7	-160.7	-100.3
2007	2873	-654.5	-1757.8	-134.5	-84.8
2008	2892	-813.2	-2457.2	-161.8	-107.2
2009	2688	-602.4	-1544.6	-128.2	-76.1
2010	2533	-209.5	109.5	-60.1	-20.7
2011	2521	-127.5	306.1	-42.6	-10.3
2012	2611	-103.6	331.6	-35.6	-8.2
2013	2725	-11.5	629.2	-25.5	8.1
2014	2353	208.1	1550.2	16.9	36.9
2015	2031	216.8	1586.8	21.9	36.4
2016	1574	461.1	2432.3	64.9	71.1
2017	211	766.3	3590.8	119.3	113.8

Tabel: 116 Maas Rijn IJssel: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1980	78	96.3	104.9	100.2
1981	137	96.1	104.6	100.3
1982	180	97.1	103.4	99.6
1983	458	98.0	102.2	99.2
1984	554	99.9	102.0	100.4
1985	623	100.9	101.8	100.7
1986	518	100.6	101.9	100.8
1987	450	100.5	101.9	100.8
1988	283	100.6	101.8	100.9
1989	79	99.4	102.3	100.4
1990	129	98.1	101.5	99.3
1991	230	98.8	100.7	99.2
1992	314	99.2	101.0	99.5
1993	406	99.8	100.9	100.1
1994	209	98.1	101.5	100.4
1995	170	97.7	102.1	100.6
1996	168	98.9	102.8	99.9
1997	127	99.3	102.8	100.1
1998	144	98.8	102.7	100.2
1999	150	99.5	102.4	100.6
2000	180	99.5	102.2	100.6
2001	181	98.7	103.3	100.5
2002	175	99.4	103.2	100.3
2003	183	99.1	103.4	100.4
2004	232	98.9	102.8	100.6
2005	257	99.6	103.3	100.3
2006	264	99.4	103.6	100.2
2007	324	99.9	103.0	100.6
2008	338	99.6	103.1	100.5
2009	394	99.7	103.0	100.3
2010	374	99.5	103.3	100.7
2011	440	99.6	103.6	100.7
2012	471	99.7	104.6	100.6
2013	489	99.9	105.2	100.7
2014	433	100.3	105.9	100.9
2015	340	100.7	106.9	100.9
2016	275	100.9	107.4	100.4
2017	64	101.5	107.2	100.4

Tabel: 117 Maas Rijn IJssel: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	15922	99.7	102.0	0	0.0	0	0.0
1981	16454	99.5	101.8	0	0.0	0	0.0
1982	19892	99.4	102.1	0	0.0	0	0.0
1983	26480	99.2	101.8	0	0.0	0	0.0
1984	33994	99.6	101.7	0	0.0	0	0.0
1985	39069	99.4	101.5	52657	-3.7	0	0.0
1986	36127	99.2	101.3	43510	-3.6	0	0.0
1987	34313	98.9	101.1	37877	-3.3	0	0.0
1988	44035	98.5	100.4	45123	-3.2	0	0.0
1989	32011	98.2	100.2	32259	-3.1	0	0.0
1990	23405	98.3	100.3	23526	-3.0	0	0.0
1991	19902	98.3	100.1	20096	-2.8	0	0.0
1992	18841	98.7	100.3	19065	-2.7	0	0.0
1993	18751	99.0	100.7	18770	-2.6	0	0.0
1994	12675	98.9	100.3	12688	-2.3	0	0.0
1995	9165	99.6	100.4	9168	-2.2	0	0.0
1996	6306	99.8	100.8	6312	-1.8	0	0.0
1997	4586	99.6	100.2	4589	-1.6	0	0.0
1998	3909	99.5	100.4	3910	-1.6	0	0.0
1999	3624	99.5	99.9	3625	-1.4	0	0.0
2000	3395	99.9	100.0	3396	-1.3	0	0.0
2001	3277	100.0	100.0	3278	-1.1	1256	97.5
2002	2735	100.1	100.2	2744	-0.9	1132	97.7
2003	2719	99.8	99.9	2719	-0.7	1116	98.6
2004	2657	100.0	100.0	2658	-0.7	1113	98.4
2005	2585	99.5	99.4	2586	-0.5	1118	99.2
2006	2760	100.0	99.4	2761	-0.4	1149	98.6
2007	2871	100.0	99.6	2873	-0.4	1097	98.5
2008	2887	99.9	99.1	2888	-0.2	1058	99.4
2009	2685	100.1	98.9	2686	-0.1	1072	99.4
2010	2520	100.3	99.2	2525	-0.0	1083	99.2
2011	2513	100.4	99.2	2518	0.1	1084	99.8
2012	2596	100.4	99.5	2600	0.3	1102	100.3
2013	2710	100.2	99.7	2715	0.3	1121	100.0
2014	2336	100.8	99.6	2349	0.4	920	100.2
2015	2001	101.0	99.5	2038	0.4	793	100.2
2016	1584	100.7	99.3	1645	0.6	658	100.4
2017	245	100.3	99.1	624	0.9	48	100.4
2018	0	0.0	0.0	365	0.9	0	0.0
2019	0	0.0	0.0	136	0.8	0	0.0

Tabel: 118 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1986	12	-2435.0	-69.5	-79.8	-110.7	55.0	8.8	0.7	-506.7
1987	42	-2173.4	-69.2	-74.5	-98.6	36.5	2.5	0.8	-480.3
1988	24	-2357.5	-69.8	-79.9	-107.1	49.2	4.2	0.5	-506.3
1991	37	-2229.5	-74.0	-74.1	-101.2	32.8	6.0	0.6	-489.6
1992	61	-2144.5	-75.1	-72.6	-97.2	25.8	4.2	0.8	-484.4
1993	88	-2114.6	-73.3	-69.9	-95.9	27.1	6.8	0.8	-469.6
1994	32	-1881.3	-53.5	-61.4	-85.3	38.9	6.5	0.6	-389.7
1995	36	-1916.0	-52.8	-58.6	-86.9	43.3	12.6	0.8	-377.3

1996	40	-1769.3	-51.9	-56.6	-80.2	35.3	8.1	0.7	-365.4
1997	25	-1507.6	-47.2	-46.8	-68.2	24.8	8.6	0.7	-311.8
1998	20	-1667.5	-46.4	-50.0	-75.5	36.3	12.2	0.8	-324.8

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

Tabel: 119 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	18	87.2	98.0	89.9	89.5	105.6	100.0	95.2
1982	28	87.0	97.4	89.4	89.5	104.0	99.2	96.4
1983	37	87.5	98.2	90.0	89.9	105.1	99.3	96.0
1984	40	87.5	98.2	90.6	90.2	104.5	98.7	96.5
1985	49	86.5	97.3	90.0	89.6	105.3	98.3	95.0
1986	22	86.3	98.7	91.3	89.7	105.5	97.0	95.2
1987	21	87.1	97.0	90.7	90.8	103.8	99.1	96.1
1991	20	88.1	98.5	91.8	91.0	104.9	99.5	95.9
1992	34	88.3	98.0	90.7	90.2	104.9	99.4	96.9
1993	43	88.2	98.7	91.0	90.3	104.8	99.2	96.8
1994	13	89.2	100.4	93.3	92.2	105.3	99.0	98.0
1995	16	89.8	100.0	94.2	92.9	104.5	99.8	97.3
1996	16	89.4	101.2	94.6	92.9	105.9	100.2	97.1

Tabel: 120 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1981	18	92.7	98.9	94.1	90.1
1982	28	91.6	99.4	93.2	88.9
1983	37	92.7	99.8	94.9	89.8
1984	40	91.7	100.8	92.8	89.2
1985	49	93.5	98.3	94.7	90.8
1986	22	93.0	98.5	94.6	90.6
1987	21	93.9	100.4	94.1	91.2
1991	20	93.8	100.5	93.6	91.8
1992	34	94.7	100.1	94.5	92.4
1993	43	95.7	100.2	94.8	93.3
1994	13	94.7	100.5	94.2	92.8
1995	16	93.3	101.1	93.5	92.2
1996	16	94.6	100.9	93.2	93.3

Tabel: 121 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1981	18	92.7	90.2	100.3	94.2	86.4	90.6	89.2
1982	28	90.4	88.4	100.7	92.2	85.8	88.9	87.8
1983	37	90.9	89.5	100.3	92.8	85.6	89.3	88.5
1984	40	91.7	89.8	99.7	92.9	87.0	89.8	89.2
1985	49	92.2	89.9	100.1	93.2	87.5	91.0	89.9
1986	22	92.5	90.0	100.7	92.8	88.2	91.8	90.9
1987	21	92.3	90.0	101.1	92.6	88.9	91.2	90.0

1991	20	92.0	90.8	100.2	92.4	88.2	91.5	90.5
1992	34	92.5	90.9	100.6	93.1	87.9	90.2	90.1
1993	43	93.9	92.3	98.7	94.4	90.2	91.6	91.4
1994	13	93.7	93.2	100.6	92.3	89.4	90.7	90.6
1995	16	93.8	93.9	98.6	92.9	87.8	91.9	92.2
1996	16	93.4	93.6	99.6	92.8	88.2	93.5	93.0

Tabel: 122 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	18	93.3	94.2	88.8	89.0	0.0	85.4
1982	28	93.2	93.2	86.1	87.9	0.0	83.0
1983	37	93.6	94.3	86.8	88.9	0.0	84.4
1984	40	93.8	94.5	87.8	87.8	0.0	84.3
1985	49	92.2	93.8	88.6	89.2	0.0	84.9
1986	22	92.5	94.5	89.0	89.3	0.0	85.5
1987	21	93.5	94.0	89.0	90.5	0.0	86.3
1991	20	94.2	95.0	88.7	90.8	0.0	86.7
1992	34	94.4	94.8	88.7	91.4	0.0	87.0
1993	43	94.5	94.9	90.9	92.4	0.0	88.8
1994	13	96.2	97.2	89.6	91.8	0.0	88.6
1995	16	96.3	97.1	89.4	91.1	0.0	88.1
1996	16	97.1	98.4	89.8	92.0	0.0	89.2

Tabel: 123 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	11	104.5	105.0	104.7	105.5	102.8	100.8	88.5	105.5
1981	30	104.0	105.4	104.5	106.0	102.3	100.7	90.0	105.4
1982	81	104.4	105.4	104.6	106.0	102.6	100.3	90.3	105.5
1983	79	103.7	104.4	103.7	105.0	101.9	100.6	90.2	104.6
1984	122	103.4	104.6	103.6	105.0	101.6	100.5	90.5	104.5
1985	175	104.2	104.4	104.1	105.3	102.3	100.6	88.7	104.9
1986	100	104.2	104.2	103.9	105.2	102.2	100.4	88.9	104.8
1987	79	104.3	103.5	103.6	104.4	101.9	101.2	89.7	104.2
1988	56	105.2	103.5	104.2	105.0	102.7	101.1	89.5	104.8
1990	11	104.3	104.3	104.3	104.7	102.4	101.4	90.0	104.6
1991	41	105.0	102.6	103.8	104.0	102.5	101.3	90.3	104.1
1992	76	104.9	102.8	103.6	104.1	102.6	101.2	90.8	104.1
1993	106	104.1	102.9	103.4	103.9	102.1	100.6	91.5	103.9
1994	35	104.0	102.5	102.9	103.5	101.9	100.7	91.3	103.4
1995	44	104.5	102.0	103.1	103.4	102.2	100.8	91.3	103.4
1996	46	103.2	102.5	102.8	103.3	101.8	100.6	92.5	103.3
1997	29	103.8	100.7	102.6	102.0	101.8	100.3	92.7	102.6
1998	25	103.4	101.0	101.9	101.7	101.2	100.6	93.1	102.0

Tabel: 124 MRIJ - Holstein Friesian roodbont: Gebruikskkenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
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1987	20	98.2	96.4	98.3	101.1	103.8
1991	16	100.0	99.2	98.5	100.5	102.6
1992	32	100.1	98.7	97.7	100.2	102.6
1993	41	99.6	96.8	98.7	101.3	103.7
1994	12	100.8	99.8	98.5	101.0	103.2
1995	15	100.4	99.3	98.7	100.5	103.1
1996	13	99.1	98.9	98.0	99.8	103.0

Tabel: 125 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1986	12	-229.9	-506.7	-392.1	103.4	104.8	89.0	89.3	100.2
1987	42	-219.5	-480.3	-463.1	103.1	104.2	89.0	90.5	99.8
1988	24	-235.8	-506.3	-520.0	102.9	104.8	87.4	88.4	100.3
1991	37	-247.4	-489.6	-541.9	101.9	104.1	88.7	90.8	98.2
1992	61	-238.0	-484.4	-467.5	101.8	104.1	88.7	91.4	99.5
1993	88	-223.6	-469.6	-472.7	103.0	103.9	90.9	92.4	99.4
1994	32	-208.0	-389.7	-451.2	102.5	103.4	89.6	91.8	99.4
1995	36	-197.4	-377.3	-426.9	102.1	103.4	89.4	91.1	99.5
1996	40	-188.0	-365.4	-378.9	101.9	103.3	89.8	92.0	99.8
1997	25	-163.1	-311.8	-336.6	101.5	102.6	91.0	94.4	100.3
1998	20	-187.6	-324.8	-469.8	101.3	102.0	87.9	93.4	99.5

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1987	29	98.5	100.7	98.5	100.7	97.7	101.0
1988	11	99.0	100.4	99.0	100.4	98.2	101.7
1991	36	97.3	99.8	97.3	99.8	96.1	99.2
1992	65	98.1	100.8	98.1	100.8	97.5	100.5
1993	87	98.0	100.9	98.0	100.9	97.7	100.0
1994	37	97.8	101.1	97.8	101.1	97.8	100.1
1995	46	98.7	100.4	98.7	100.4	98.8	99.5
1996	58	98.8	100.8	98.8	100.8	98.3	100.6
1997	39	99.8	100.8	99.8	100.8	99.7	100.1
1998	40	99.4	100.2	99.4	100.2	99.4	99.2
1999	14	99.8	100.6	99.8	100.6	99.4	99.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1986	10	97.9	103.7	101.4	88.2	89.4	89.8
1987	30	100.3	101.9	99.4	99.0	99.4	98.3
1991	19	96.9	104.2	102.5	95.6	101.5	100.8
1992	25	99.0	102.0	100.9	99.0	99.8	97.7
1993	30	97.4	103.4	102.4	98.3	100.8	99.0
1994	10	96.6	103.1	103.2	77.9	80.5	81.4
1995	13	97.6	102.6	102.1	97.4	99.7	100.5
1996	21	99.3	102.5	100.7	100.0	100.3	98.4

1997	10	98.9	101.8	100.9	87.7	88.8	89.2
1998	11	98.3	102.9	101.9	89.2	91.2	90.0

Tabel: 128 MRIJ - Holstein Friesian roodbont: 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
1987	32	104.9	112.0	94.2	101.0	110.6	95.7	103.8	97.9	110.5	97.3	102.8
1988	10	104.8	113.8	93.6	100.6	112.1	94.9	103.8	97.1	112.0	97.5	102.0
1991	32	107.1	113.8	93.1	102.3	112.5	94.8	106.4	97.4	112.3	96.6	104.8
1992	58	105.9	112.8	93.2	102.3	110.8	95.9	105.1	97.8	111.0	96.9	104.2
1993	81	105.8	112.3	93.8	102.2	110.3	95.8	105.0	97.9	110.1	97.2	104.3
1994	30	106.7	113.6	94.1	103.2	110.7	96.4	105.5	98.5	111.0	97.4	106.3
1995	34	105.9	113.4	94.4	103.3	109.9	96.8	104.2	99.3	110.4	97.2	105.9
1996	55	105.0	111.9	94.2	102.6	108.9	96.6	104.1	98.2	109.6	96.8	105.0
1997	35	104.7	111.0	95.4	101.4	109.1	97.0	103.2	98.9	109.9	97.7	104.0
1998	31	103.9	110.0	95.5	101.1	108.5	96.5	103.0	97.7	108.9	96.3	103.7
1999	11	104.6	111.3	95.0	103.0	108.7	96.5	103.5	98.9	108.7	97.1	105.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	32	98.2	100.1	98.8
1988	11	98.3	99.9	98.8
1991	36	97.0	99.1	99.0
1992	65	97.2	99.6	99.2
1993	97	97.3	99.7	99.0
1994	45	97.4	99.7	98.8
1995	57	98.2	100.4	99.2
1996	69	97.9	100.3	98.5
1997	48	98.6	100.6	99.0
1998	54	98.5	100.3	99.1
1999	16	97.9	99.7	98.6

Tabel: 130 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1985	5	97.2	101.2	50	-5.9	0	0.0
1986	12	97.4	101.2	30	-5.4	0	0.0
1987	42	96.3	99.7	42	-4.5	0	0.0
1988	24	97.2	100.1	25	-4.8	0	0.0
1991	37	95.1	98.4	37	-4.4	0	0.0
1992	61	95.1	99.2	63	-4.3	0	0.0
1993	88	95.8	99.4	89	-4.2	0	0.0
1994	32	96.9	100.1	32	-3.2	0	0.0
1995	36	97.0	99.7	36	-3.3	0	0.0
1996	40	96.1	99.6	40	-3.0	0	0.0
1997	25	97.1	98.6	25	-2.9	0	0.0
1998	20	97.2	99.0	20	-3.1	0	0.0

Tabel: 131 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	36	-1758.5	-70.4	-72.8	-80.2	13.6	-14.9	-0.4	-470.3
1981	63	-1877.3	-74.6	-76.1	-85.6	16.1	-13.3	-0.2	-494.4
1982	213	-1759.6	-72.5	-72.2	-80.3	10.7	-13.6	-0.4	-472.3
1983	381	-1738.1	-70.9	-71.9	-79.3	11.5	-14.2	-0.3	-467.4
1984	793	-1704.0	-68.2	-70.1	-77.8	13.4	-13.2	-0.4	-454.2
1985	1958	-1817.9	-67.0	-72.0	-83.0	24.0	-9.8	-0.4	-460.7
1986	3431	-1821.8	-69.3	-71.8	-83.1	20.8	-9.3	-0.4	-464.8
1987	5234	-1864.6	-72.0	-72.4	-85.1	19.6	-7.8	-0.4	-473.9
1988	8886	-1878.1	-70.5	-71.8	-85.7	23.4	-5.8	-0.4	-468.2
1989	10836	-1821.2	-68.5	-69.6	-83.1	22.4	-5.4	-0.4	-454.3
1990	15628	-1795.1	-68.8	-68.7	-81.9	20.0	-5.5	-0.4	-450.5
1991	22468	-1725.5	-64.1	-63.7	-78.8	21.9	-1.8	-0.4	-419.6
1992	25335	-1668.2	-64.3	-62.3	-76.1	17.4	-2.9	-0.3	-413.4
1993	24830	-1607.3	-64.3	-60.0	-73.4	13.0	-2.7	-0.3	-403.2
1994	32034	-1459.2	-51.6	-53.0	-66.6	21.6	-0.1	-0.3	-345.5
1995	35783	-1408.3	-48.1	-51.0	-64.3	23.3	0.1	-0.3	-329.4
1996	33716	-1306.2	-44.3	-47.6	-59.6	22.0	-0.2	-0.3	-306.1
1997	32873	-1209.7	-41.5	-44.0	-55.2	19.5	-0.1	-0.3	-284.2
1998	31004	-1161.8	-38.8	-41.7	-53.0	20.2	0.8	-0.3	-268.3
1999	27023	-1083.6	-34.8	-39.1	-49.5	20.5	0.4	-0.3	-248.4
2000	20339	-960.3	-32.8	-36.4	-43.7	15.6	-1.9	-0.1	-231.1
2001	17488	-808.0	-31.0	-30.9	-36.2	8.5	-1.8	1.0	-202.6
2002	12289	-715.1	-27.8	-28.5	-31.8	7.0	-3.0	1.1	-184.8
2003	12058	-620.9	-19.8	-23.3	-28.6	11.7	-0.7	-0.4	-145.9
2004	11090	-511.2	-12.7	-18.6	-23.7	14.4	0.4	-0.6	-110.1
2005	8724	-444.1	-10.5	-15.5	-20.6	13.5	1.3	-0.5	-91.7
2006	8104	-376.8	-9.4	-13.0	-17.4	10.9	1.4	-0.3	-78.5
2007	6989	-325.0	-6.1	-10.4	-15.1	12.0	2.3	-0.4	-59.8
2008	6433	-260.8	-5.7	-8.1	-12.2	8.8	2.3	-0.4	-48.9
2009	5371	-262.3	-7.6	-8.3	-11.6	6.3	2.0	0.5	-53.7
2010	4583	-180.0	-5.5	-5.2	-8.2	4.2	2.2	-0.0	-35.3
2011	4224	-120.7	-3.2	-3.0	-5.3	3.8	2.2	0.3	-20.9
2012	4105	-69.9	-1.9	-1.3	-2.9	2.7	2.1	0.4	-10.3
2013	3815	-47.0	-1.0	0.2	-2.0	2.4	3.0	0.2	-1.8
2014	3291	18.7	-0.1	2.5	1.0	-0.2	2.9	0.2	10.4
2015	2585	29.8	1.0	4.2	2.2	0.6	4.4	1.1	19.8
2016	2224	77.3	3.4	6.0	5.3	0.9	4.5	2.2	33.1
2017	539	71.5	1.6	5.4	6.0	-1.1	3.9	3.5	27.2

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

Tabel: 132 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	36	90.4	97.0	90.9	91.6	101.6	97.2	96.8
1981	67	89.2	96.4	90.3	91.2	101.4	97.5	96.6
1982	249	89.2	97.3	90.9	91.5	101.4	97.6	97.3
1983	413	89.4	97.7	91.1	91.8	101.9	97.8	97.2
1984	778	88.8	97.5	90.9	91.6	101.6	97.6	96.6
1985	1563	88.4	97.2	90.6	91.3	102.0	97.5	95.4
1986	2445	88.4	97.2	90.9	91.4	102.1	97.0	95.5
1987	3496	88.5	98.1	91.0	91.2	102.6	97.6	96.5

1988	5030	88.4	98.0	90.9	91.1	102.7	97.6	96.4
1989	5538	88.7	98.2	91.1	91.3	102.6	97.7	96.5
1990	8386	89.0	98.5	91.1	91.3	102.8	98.0	97.0
1991	13141	89.7	98.4	91.4	91.6	102.5	97.9	97.4
1992	15355	89.8	98.6	91.4	91.7	102.7	97.9	97.8
1993	13860	90.2	99.1	91.6	91.9	102.8	98.2	98.2
1994	18114	90.5	101.1	93.8	93.0	103.7	98.5	99.2
1995	20229	90.8	101.2	94.8	94.0	103.1	99.2	98.8
1996	18861	91.5	101.0	95.5	94.6	102.8	99.1	99.6
1997	18847	91.9	100.9	95.8	95.1	102.5	99.3	99.0
1998	17298	92.6	101.0	96.2	95.3	102.4	99.1	98.8
1999	15014	92.7	101.0	96.3	95.6	102.1	99.0	98.9
2000	10891	93.7	100.7	96.0	95.5	102.0	99.1	98.9
2001	9108	94.0	100.8	96.0	95.7	101.9	99.4	98.4
2002	6297	94.8	101.4	96.9	96.7	102.0	99.1	98.9
2003	6238	95.4	101.9	97.9	97.6	101.8	99.9	98.4
2004	5818	95.5	102.7	98.7	98.2	101.9	100.2	98.4
2005	4474	95.6	102.2	98.3	97.9	101.4	100.2	98.6
2006	3962	95.8	102.3	98.3	97.9	101.3	100.4	98.5
2007	3287	96.1	102.3	98.6	98.3	101.2	100.5	98.2
2008	2960	96.4	101.9	98.5	98.4	100.9	100.6	98.3
2009	2401	97.4	101.9	98.6	98.3	101.0	100.7	98.5
2010	2080	97.7	101.5	98.4	98.3	100.6	100.6	99.2
2011	1877	97.9	101.3	98.6	98.4	100.5	100.4	99.0
2012	1685	97.7	101.4	98.5	98.3	100.7	100.5	99.1
2013	1508	97.9	101.3	98.5	98.4	100.3	100.3	99.6
2014	1181	98.3	101.4	98.7	98.6	100.5	100.1	99.8
2015	885	98.5	101.5	98.6	98.2	100.6	100.5	99.9
2016	749	98.5	102.0	98.8	98.5	101.2	101.1	100.0
2017	106	98.7	103.5	99.0	99.0	102.1	101.8	100.0

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

Jaar	Aantal	BA	BZ	KH	BG
1980	36	93.1	100.0	94.8	90.1
1981	67	92.3	99.0	94.7	89.6
1982	249	92.3	100.1	94.3	89.5
1983	413	92.6	100.5	94.2	89.6
1984	778	92.2	100.9	93.7	89.5
1985	1563	93.1	99.5	94.7	90.4
1986	2445	92.8	100.4	94.2	90.1
1987	3496	93.9	100.3	94.2	91.5
1988	5030	94.4	100.1	94.4	91.9
1989	5538	94.3	100.5	94.6	91.8
1990	8386	94.4	100.4	94.5	91.9
1991	13141	94.4	101.1	94.6	91.9
1992	15355	94.6	101.0	94.7	92.1
1993	13860	94.8	101.3	94.7	92.5
1994	18114	93.4	101.3	93.6	91.8
1995	20229	93.2	101.7	93.6	91.8
1996	18861	94.3	102.2	93.7	92.7
1997	18847	95.0	102.5	93.9	93.3
1998	17298	95.5	103.2	93.8	93.7
1999	15014	96.0	102.7	94.0	94.3
2000	10891	96.8	102.3	95.1	95.1
2001	9108	96.6	102.0	96.0	95.1
2002	6297	96.9	101.5	97.0	95.3
2003	6238	97.6	101.0	97.1	96.5
2004	5818	98.0	100.9	97.1	97.3

2005	4474	98.1	101.1	96.7	97.7
2006	3962	98.8	100.6	97.1	98.4
2007	3287	98.9	100.1	97.5	98.8
2008	2960	98.6	100.2	97.5	98.5
2009	2401	99.0	99.9	98.3	98.9
2010	2080	99.8	99.7	98.8	99.5
2011	1877	100.6	99.8	99.3	100.5
2012	1685	100.8	100.0	99.2	100.9
2013	1508	100.9	100.0	99.4	100.8
2014	1181	101.1	99.8	99.6	101.0
2015	885	101.4	99.5	99.8	101.3
2016	749	101.5	99.5	100.2	101.7
2017	106	101.6	99.4	100.7	101.9

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	36	94.0	90.1	100.8	95.8	89.3	91.1	90.4
1981	67	94.1	89.6	100.0	96.0	89.9	92.3	91.2
1982	249	92.9	89.5	100.7	94.7	88.8	91.3	90.5
1983	413	92.9	89.2	101.2	94.4	88.9	91.5	90.6
1984	778	92.9	89.6	101.4	94.3	89.6	92.6	91.6
1985	1563	93.8	90.2	101.4	94.7	90.0	93.4	92.2
1986	2445	94.1	90.2	101.3	94.6	90.0	92.8	92.0
1987	3496	93.6	90.7	101.9	94.1	89.6	92.4	91.9
1988	5030	93.5	90.8	102.5	93.9	89.7	92.2	91.7
1989	5538	93.5	91.0	102.2	93.9	89.8	91.9	91.6
1990	8386	93.3	90.9	102.6	94.0	89.7	92.4	91.8
1991	13141	94.1	90.8	102.0	94.6	90.0	91.7	91.7
1992	15355	94.1	91.2	101.7	94.7	90.0	91.9	92.0
1993	13860	94.1	91.6	101.3	94.7	89.9	92.0	92.0
1994	18114	94.0	92.8	101.2	93.5	89.1	93.1	93.3
1995	20229	94.6	93.1	100.8	93.2	89.4	93.3	93.4
1996	18861	94.4	93.4	100.9	93.2	89.7	93.6	93.8
1997	18847	94.5	93.6	100.8	93.5	90.6	93.9	93.6
1998	17298	94.2	93.7	100.9	93.4	91.0	94.2	94.1
1999	15014	94.8	94.6	100.7	93.8	92.3	95.1	95.1
2000	10891	95.8	95.3	101.1	95.2	93.3	95.9	96.1
2001	9108	96.2	94.9	100.9	95.4	93.6	95.3	95.3
2002	6297	96.4	95.1	100.5	95.4	93.5	95.8	95.6
2003	6238	97.0	96.0	100.1	96.0	94.3	95.9	95.9
2004	5818	97.1	96.7	100.3	95.6	94.6	96.5	96.6
2005	4474	97.2	96.8	100.8	95.9	95.1	96.7	96.9
2006	3962	97.6	97.2	100.7	96.2	95.4	96.7	97.0
2007	3287	97.8	97.6	100.4	96.6	95.9	97.1	97.4
2008	2960	97.9	97.9	100.1	96.8	96.3	97.4	97.8
2009	2401	98.4	97.9	100.0	97.8	96.5	97.7	98.1
2010	2080	98.7	98.2	100.3	98.3	97.1	98.1	98.6
2011	1877	99.0	98.6	100.2	98.5	97.6	98.7	99.3
2012	1685	99.4	98.6	100.7	98.8	98.1	98.9	99.5
2013	1508	99.7	98.7	100.7	99.0	98.0	99.0	99.7
2014	1181	100.3	98.9	101.4	99.9	98.6	99.2	99.9
2015	885	100.5	99.2	101.0	100.1	98.9	99.6	100.2
2016	749	101.0	99.3	101.1	100.6	98.9	99.4	100.0
2017	106	100.9	99.4	101.1	100.5	98.5	99.3	99.9

Tabel: 135 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk

Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	36	92.8	93.4	90.8	89.4	0.0	86.4
1981	67	92.4	92.8	91.5	88.5	0.0	86.0
1982	249	93.4	93.4	89.8	88.6	0.0	85.6
1983	413	93.6	94.0	89.8	88.8	0.0	85.8
1984	778	93.1	93.4	90.2	88.5	0.0	85.7
1985	1563	92.2	93.1	91.1	89.2	0.0	86.1
1986	2445	92.1	93.3	91.0	89.0	0.0	86.0
1987	3496	93.2	93.9	90.4	90.5	0.0	86.9
1988	5030	93.1	93.8	90.3	91.0	0.0	87.1
1989	5538	93.3	94.0	90.3	90.9	0.0	87.2
1990	8386	93.9	94.2	90.3	90.9	0.0	87.4
1991	13141	94.1	94.5	90.9	91.1	0.0	87.8
1992	15355	94.4	94.7	91.0	91.3	0.0	88.1
1993	13860	94.9	95.1	91.0	91.6	0.0	88.5
1994	18114	96.9	97.2	90.3	90.7	0.0	88.6
1995	20229	97.5	97.7	90.7	90.7	0.0	89.1
1996	18861	98.0	98.3	90.8	91.7	0.0	89.8
1997	18847	97.9	98.3	91.3	92.3	0.0	90.4
1998	17298	97.9	98.4	91.3	92.7	0.0	90.6
1999	15014	97.8	98.4	92.3	93.3	0.0	91.5
2000	10891	97.7	98.3	93.6	94.3	0.0	92.7
2001	9108	97.6	98.2	93.8	94.4	0.0	92.8
2002	6297	98.2	99.1	94.1	94.8	0.0	93.4
2003	6238	98.8	99.5	94.8	95.9	0.0	94.7
2004	5818	99.5	100.0	94.9	96.6	0.0	95.3
2005	4474	99.3	99.5	95.2	96.9	0.0	95.5
2006	3962	99.4	99.4	95.6	97.6	0.0	96.1
2007	3287	99.4	99.7	96.0	97.9	0.1	96.6
2008	2960	99.4	99.5	96.3	97.7	0.1	96.6
2009	2401	99.5	99.6	97.0	98.2	0.1	97.2
2010	2080	99.7	99.5	97.5	98.9	0.1	97.9
2011	1877	99.5	99.5	97.8	100.0	0.9	98.6
2012	1685	99.6	99.6	98.2	100.3	2.4	99.1
2013	1508	99.7	99.5	98.3	100.3	1.0	99.1
2014	1181	99.8	99.9	99.1	100.6	0.3	99.8
2015	885	100.0	99.7	99.5	100.9	0.5	100.1
2016	749	100.6	100.2	99.8	101.3	2.0	100.8
2017	106	101.3	100.9	99.6	101.5	1.9	101.1

Tabel: 136 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	49	101.9	104.3	102.9	103.8	101.2	100.4	91.7	103.6
1981	99	102.2	104.6	103.2	104.2	101.6	99.8	90.3	104.0
1982	376	101.9	104.5	102.9	104.1	101.1	99.5	90.5	103.7
1983	681	101.7	104.4	102.7	103.9	100.9	99.5	90.6	103.5
1984	1282	101.9	104.2	102.8	103.9	101.0	99.6	90.1	103.6
1985	2822	102.4	104.3	103.3	104.4	101.7	99.8	88.7	104.1
1986	4720	102.3	103.9	103.0	104.0	101.4	99.9	89.1	103.7
1987	6924	103.1	104.1	103.5	104.4	102.1	100.1	89.1	104.2
1988	10280	103.4	103.8	103.5	104.3	102.2	100.1	88.8	104.1
1989	12248	102.9	103.6	103.1	103.8	101.8	100.0	88.8	103.7
1990	17533	103.0	103.6	103.2	103.9	102.0	100.3	88.8	103.8
1991	25977	103.2	102.9	103.0	103.4	101.9	100.2	90.2	103.4

1992	29539	103.1	102.9	103.0	103.3	101.8	100.1	90.3	103.3
1993	28389	103.1	103.0	103.1	103.6	102.1	100.2	90.6	103.6
1994	37540	102.4	102.8	102.5	103.0	101.4	100.1	91.2	102.9
1995	41551	101.9	102.5	102.0	102.5	100.9	99.7	91.3	102.4
1996	39462	101.5	102.0	101.5	101.8	100.5	99.4	91.7	101.8
1997	38538	101.1	101.7	101.2	101.3	100.2	99.7	92.2	101.3
1998	36831	101.1	101.8	101.3	101.4	100.4	99.9	92.7	101.5
1999	31500	100.7	101.5	100.8	101.0	100.0	99.6	92.9	101.0
2000	22979	101.0	101.0	100.8	100.7	100.2	99.7	93.4	100.8
2001	19740	100.7	101.3	101.0	101.1	100.4	99.5	93.7	101.1
2002	14269	100.2	101.6	100.8	100.9	100.0	99.3	94.7	100.9
2003	14107	99.2	101.5	100.2	100.3	99.2	99.2	96.2	100.3
2004	12916	98.8	101.5	99.9	100.1	98.9	99.0	96.6	100.0
2005	9937	99.0	101.6	100.2	100.3	99.3	99.1	96.2	100.3
2006	9159	98.9	101.5	100.0	100.2	99.3	99.3	96.6	100.1
2007	8204	98.5	101.7	100.0	100.2	99.1	99.2	97.5	100.1
2008	7742	99.0	101.4	100.2	100.2	99.6	99.5	97.6	100.3
2009	6431	99.1	101.7	100.5	100.6	99.9	99.4	98.1	100.6
2010	5424	99.7	101.4	100.7	100.6	100.3	99.6	98.0	100.7
2011	5039	99.4	101.4	100.6	100.6	100.2	99.5	98.6	100.6
2012	4922	99.2	101.4	100.7	100.6	100.3	99.7	98.3	100.7
2013	4584	99.4	101.5	100.8	100.8	100.6	99.8	98.4	100.9
2014	3962	99.8	102.0	101.5	101.6	101.2	99.9	98.4	101.7
2015	3268	99.8	102.3	101.8	102.0	101.5	99.9	98.4	102.0
2016	2862	99.2	102.6	101.5	102.0	101.0	99.5	99.0	101.9
2017	1355	99.9	102.5	102.1	102.3	101.7	99.6	99.2	102.3

Tabel: 137 MRIJ - Holstein Friesian roodbont: Gebruikskkenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	27	100.7	100.1	99.3	100.9	102.7
1981	39	100.2	97.3	99.2	101.4	102.9
1982	136	101.0	97.8	98.8	100.6	102.0
1983	224	100.8	98.3	99.0	100.7	102.3
1984	389	100.2	97.4	98.8	100.7	102.4
1985	800	100.0	97.6	98.7	100.6	102.4
1986	1316	100.0	98.3	98.5	100.2	102.0
1987	1959	99.9	98.5	98.4	100.0	101.9
1988	2965	99.5	98.8	98.5	100.0	102.2
1989	3405	99.7	99.0	98.4	99.7	101.9
1990	5580	99.9	98.9	98.1	99.3	101.5
1991	10965	101.0	99.7	98.6	99.9	101.4
1992	15331	101.0	99.8	98.8	99.9	101.4
1993	13758	101.3	100.0	99.1	100.5	102.0
1994	17816	101.4	99.2	98.9	99.8	101.5
1995	19714	101.6	99.4	98.5	99.0	101.3
1996	18300	101.6	99.3	98.4	98.7	100.9
1997	18164	101.5	99.7	98.4	98.7	100.6
1998	16549	101.3	99.1	98.7	99.0	100.4
1999	14281	101.1	99.2	98.6	98.8	99.9
2000	10431	100.9	98.7	98.9	99.2	100.2
2001	8742	101.0	98.8	98.8	98.9	99.7
2002	6084	100.9	98.7	98.5	98.4	99.5
2003	5967	101.2	99.5	98.7	98.5	99.5
2004	5600	101.2	99.4	98.9	98.4	99.1
2005	4249	101.3	99.4	99.4	98.9	99.3
2006	3668	101.4	100.0	99.5	99.1	99.5
2007	3038	101.3	99.9	99.8	99.2	99.6
2008	2717	101.4	100.0	99.6	98.9	99.3

2009	2160	100.8	99.8	100.0	99.4	99.8
2010	1900	100.6	100.1	100.1	99.4	99.6
2011	1688	100.8	100.2	100.6	99.8	99.8
2012	1490	100.6	100.2	101.1	100.3	100.0
2013	1281	101.2	100.5	101.1	100.2	100.1
2014	941	101.2	101.0	101.4	100.5	100.1
2015	677	101.4	100.6	101.7	100.7	100.3
2016	536	101.4	101.0	102.0	101.2	100.8
2017	84	100.8	96.3	102.5	101.4	100.9

Tabel: 138 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	36	-223.9	-470.3	-119.3	102.3	103.6	90.8	89.4	98.3
1981	63	-228.5	-494.4	-93.4	102.6	104.0	91.5	88.5	98.5
1982	213	-231.9	-472.3	-142.9	101.6	103.7	89.8	88.6	98.7
1983	381	-231.3	-467.4	-178.8	101.8	103.5	89.8	88.8	98.7
1984	793	-232.2	-454.2	-256.8	101.9	103.6	90.2	88.5	98.9
1985	1958	-205.5	-460.7	-316.0	101.8	104.1	91.1	89.2	99.8
1986	3431	-220.8	-464.8	-385.8	101.4	103.7	91.0	89.0	99.4
1987	5234	-228.8	-473.9	-455.2	101.2	104.2	90.4	90.5	99.3
1988	8886	-228.8	-468.2	-489.0	101.4	104.1	90.3	91.0	99.2
1989	10836	-226.6	-454.3	-483.6	101.1	103.7	90.3	90.9	99.2
1990	15628	-230.4	-450.5	-494.7	100.6	103.8	90.3	90.9	98.8
1991	22468	-221.7	-419.6	-479.1	100.9	103.4	90.9	91.1	98.7
1992	25335	-217.4	-413.4	-450.8	100.9	103.3	91.0	91.3	98.5
1993	24830	-206.0	-403.2	-421.4	101.5	103.6	91.0	91.6	99.1
1994	32034	-199.8	-345.5	-439.9	100.9	102.9	90.3	90.7	99.2
1995	35783	-198.5	-329.4	-423.7	100.3	102.4	90.7	90.7	99.2
1996	33716	-189.9	-306.1	-395.7	100.0	101.8	90.8	91.7	99.3
1997	32873	-182.2	-284.2	-377.7	99.7	101.3	91.3	92.3	99.4
1998	31004	-174.4	-268.3	-390.5	99.8	101.5	91.3	92.7	99.4
1999	27023	-163.6	-248.4	-361.7	99.4	101.0	92.3	93.3	99.8
2000	20339	-145.5	-231.1	-299.7	99.7	100.8	93.6	94.3	99.8
2001	17488	-127.6	-202.6	-238.7	99.3	101.1	93.8	94.4	99.9
2002	12289	-123.5	-184.8	-236.5	99.0	100.9	94.1	94.8	99.4
2003	12058	-105.2	-145.9	-192.7	98.9	100.3	94.8	95.9	98.4
2004	11090	-90.4	-110.1	-183.2	98.7	100.0	94.9	96.6	98.0
2005	8724	-72.2	-91.7	-147.2	99.0	100.3	95.2	96.9	98.4
2006	8104	-59.4	-78.5	-101.4	99.3	100.1	95.6	97.6	98.4
2007	6989	-46.0	-59.8	-70.7	99.3	100.1	96.0	97.9	98.1
2008	6433	-39.2	-48.9	-52.0	99.1	100.3	96.3	97.7	98.8
2009	5371	-32.2	-53.7	-19.8	99.6	100.6	97.0	98.2	98.8
2010	4583	-19.5	-35.3	-4.6	99.5	100.7	97.5	98.9	99.3
2011	4224	-5.2	-20.9	23.3	99.8	100.6	97.8	100.0	99.4
2012	4105	6.2	-10.3	45.4	100.1	100.7	98.2	100.3	99.7
2013	3815	14.2	-1.8	64.4	100.2	100.9	98.3	100.3	100.1
2014	3291	31.3	10.4	95.5	100.3	101.7	99.1	100.6	100.7
2015	2585	41.0	19.8	108.2	100.5	102.0	99.5	100.9	100.9
2016	2224	53.1	33.1	135.6	101.1	101.9	99.8	101.3	101.1
2017	539	55.4	27.2	152.8	101.2	102.3	99.6	101.5	101.2

Tabel: 139 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
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1983	13	95.6	96.7	98.8	97.2	95.8	97.6	95.7
1984	34	94.6	94.3	99.1	97.5	93.6	97.7	95.7
1985	26	96.9	96.4	100.0	98.3	97.0	100.0	96.0
1986	33	95.8	96.2	99.0	97.4	96.1	98.5	96.3
1987	144	95.1	95.2	99.0	97.1	95.6	96.5	96.2
1988	289	95.6	95.3	99.5	97.8	95.8	96.9	96.0
1989	345	96.1	95.7	99.9	98.0	96.5	97.0	96.2
1990	504	96.2	95.8	100.0	98.0	96.7	97.2	96.1
1991	2162	94.1	95.4	97.5	95.5	97.0	96.5	97.5
1992	2410	94.0	95.4	97.4	95.3	97.0	96.6	97.4
1993	2453	94.2	95.5	97.6	95.7	96.2	96.9	97.0
1994	5637	96.0	97.3	99.6	95.7	97.3	98.7	96.6
1995	10971	96.7	98.4	99.8	95.9	97.8	99.8	96.3
1996	8294	96.3	97.3	99.8	96.4	96.7	99.6	96.2
1997	12426	95.8	96.3	99.6	97.0	96.0	98.2	96.1
1998	12704	96.0	96.3	99.7	97.6	95.7	98.1	95.9
1999	11002	96.6	97.0	100.1	97.6	96.1	98.4	96.2
2000	8522	96.7	97.7	99.5	97.4	96.6	98.5	96.5
2001	7610	97.0	98.2	99.6	97.3	97.4	99.0	96.6
2002	5353	97.2	98.3	99.6	97.7	97.5	99.2	95.7
2003	5720	98.1	99.1	99.7	98.7	98.2	98.4	97.0
2004	5569	99.1	99.8	100.3	99.4	98.9	98.4	97.6
2005	4157	99.6	100.2	100.7	99.7	99.2	98.8	98.1
2006	3687	100.0	100.6	100.6	99.9	99.6	99.0	98.8
2007	3051	100.3	101.1	100.5	100.1	100.1	98.8	99.2
2008	2732	100.5	101.1	100.6	100.2	100.3	99.1	99.4
2009	2196	100.3	101.0	100.1	100.0	100.6	99.1	99.7
2010	1872	100.2	100.9	100.0	100.2	100.5	99.5	99.2
2011	1671	100.5	101.3	99.9	100.4	101.0	99.6	99.4
2012	1524	101.0	101.9	100.2	100.5	101.5	99.9	99.5
2013	1349	101.1	102.0	100.1	100.2	101.9	100.4	99.8
2014	1068	101.2	101.9	100.3	100.4	101.8	101.2	99.8
2015	755	101.7	101.8	101.1	100.8	102.1	101.5	99.5
2016	643	102.5	102.2	102.0	101.3	102.4	101.8	99.4
2017	78	103.1	102.3	102.3	102.1	103.0	101.9	99.3

Tabel: 140 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	28	94.4	101.7	94.4	101.7	95.5	99.5
1981	51	95.1	101.5	95.1	101.5	96.3	100.0
1982	170	94.9	101.7	94.9	101.7	96.1	100.1
1983	300	95.0	101.8	95.0	101.8	96.1	100.0
1984	570	95.4	101.5	95.4	101.5	96.5	100.0
1985	1367	96.4	101.8	96.4	101.8	97.6	100.8
1986	2293	96.2	101.4	96.2	101.4	97.3	100.3
1987	3473	96.1	101.5	96.1	101.5	97.2	100.6
1988	5528	96.2	101.5	96.2	101.5	97.2	100.4
1989	7033	96.1	101.5	96.1	101.5	97.2	100.3
1990	11991	96.0	101.3	96.0	101.3	97.0	99.9
1991	21323	96.0	101.3	96.0	101.3	97.4	99.6
1992	25525	95.7	101.4	95.7	101.4	97.2	99.5
1993	28703	96.1	101.7	96.1	101.7	97.7	99.9
1994	39870	96.0	101.9	96.0	101.9	98.2	99.8
1995	48449	96.3	101.8	96.3	101.8	98.2	99.8
1996	48859	96.5	101.7	96.5	101.7	98.2	100.1
1997	49759	96.8	101.6	96.8	101.6	98.3	100.0
1998	47811	96.8	101.6	96.8	101.6	98.1	99.8

1999	42220	97.3	101.7	97.3	101.7	98.4	100.0
2000	31267	97.5	101.6	97.5	101.6	98.4	100.5
2001	24252	97.7	101.5	97.7	101.5	98.6	100.8
2002	18078	97.7	101.1	97.7	101.1	98.4	100.4
2003	17061	97.7	99.9	97.7	99.9	98.5	99.7
2004	15527	97.8	99.4	97.8	99.4	98.9	99.2
2005	11484	98.0	99.5	98.0	99.5	99.3	99.5
2006	10189	98.2	99.5	98.2	99.5	99.5	99.4
2007	8550	98.3	99.1	98.3	99.1	99.7	99.3
2008	7943	98.9	99.5	98.9	99.5	100.1	99.6
2009	6874	98.7	99.5	98.7	99.5	100.2	99.5
2010	5853	98.9	100.0	98.9	100.0	100.6	99.9
2011	5190	99.1	100.0	99.1	100.0	101.0	100.0
2012	4934	99.4	100.1	99.4	100.1	101.3	100.3
2013	4487	99.8	100.2	99.8	100.2	101.8	100.2
2014	4038	100.1	100.7	100.1	100.7	102.1	100.8
2015	3419	99.8	100.8	99.8	100.8	102.0	100.9
2016	3143	99.5	101.3	99.5	101.3	101.8	101.1
2017	2242	99.3	101.6	99.3	101.6	101.8	101.2
2018	1759	99.3	102.0	99.3	102.0	101.8	101.4
2019	675	99.4	102.2	99.4	102.2	101.9	101.4

Tabel: 141 MRIJ - Holstein Friesian roodbont: Geboortekkenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	27	97.5	102.9	102.2	99.3	100.2	101.2
1981	38	98.9	102.1	101.0	94.1	94.9	95.6
1982	156	98.3	102.3	101.4	95.8	96.4	97.9
1983	286	97.7	102.3	102.1	98.3	98.8	100.1
1984	516	98.9	101.8	100.8	97.4	97.7	99.2
1985	1062	100.9	100.4	98.6	97.7	98.1	98.7
1986	1754	100.5	100.6	99.1	98.6	98.4	99.0
1987	2686	99.5	101.2	100.2	98.5	98.9	100.6
1988	3966	99.4	101.0	100.4	98.0	98.8	100.9
1989	4592	99.0	101.3	100.7	97.8	98.7	100.2
1990	7335	98.9	101.5	100.8	97.9	99.5	101.4
1991	11890	98.0	101.2	101.6	97.8	100.1	100.9
1992	13874	97.8	101.3	101.9	98.2	100.0	100.3
1993	12872	98.0	100.8	101.7	98.9	99.6	99.5
1994	18071	97.5	101.3	102.1	99.5	99.1	100.1
1995	20070	97.4	101.5	102.2	99.5	99.2	100.0
1996	20513	97.6	101.7	102.1	99.7	99.4	99.7
1997	20079	97.9	101.6	101.9	99.3	99.9	99.9
1998	18874	97.6	101.6	102.1	99.3	100.1	100.2
1999	17919	98.1	100.8	101.7	99.4	100.0	99.7
2000	13031	98.0	100.5	101.8	100.0	99.4	99.3
2001	10884	97.8	100.0	102.1	100.1	98.8	99.5
2002	7540	97.3	101.0	102.5	99.1	99.5	100.2
2003	7607	97.6	101.5	102.3	98.5	101.1	100.5
2004	7051	97.9	101.6	102.1	98.2	102.0	101.0
2005	5962	98.3	101.2	101.7	98.6	101.8	100.8
2006	5587	98.7	100.8	101.5	98.2	101.9	101.2
2007	5686	99.0	101.0	101.3	97.8	102.4	101.6
2008	5295	99.4	100.6	100.9	98.5	102.0	101.5
2009	4725	99.3	100.5	101.0	98.7	101.7	101.0
2010	3955	99.2	100.0	101.1	99.1	101.2	100.8
2011	3516	99.1	100.0	101.5	99.3	100.9	100.7
2012	3225	99.2	99.8	101.3	99.3	100.7	100.7
2013	2807	99.4	99.5	101.2	99.4	100.7	100.8

2014	2460	99.8	99.1	100.6	100.2	100.1	100.4
2015	1983	100.0	98.7	100.3	100.4	100.2	100.5
2016	1635	100.1	98.7	100.2	100.9	100.5	101.1
2017	1152	100.2	98.8	100.0	100.7	100.5	101.1
2018	901	100.3	98.5	99.9	101.1	100.6	100.8
2019	340	100.4	98.3	99.7	101.3	100.3	100.9

Tabel: 142 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	105.7	110.3	96.6	101.7	109.3	97.7	104.7	98.4	109.7	99.4	103.3
1981	56	105.9	111.6	96.2	101.9	109.8	97.8	104.6	98.2	110.6	99.5	103.9
1982	184	106.3	111.0	96.8	101.9	110.1	97.8	105.0	98.3	110.6	99.3	104.4
1983	313	106.2	110.9	96.6	102.1	110.0	97.5	105.2	97.9	110.6	99.0	104.8
1984	560	106.2	110.9	96.4	101.9	109.9	97.4	105.2	98.0	110.4	98.8	104.7
1985	1303	105.8	110.8	95.5	101.4	109.3	96.5	105.0	97.9	109.6	98.3	103.6
1986	2171	105.8	110.4	95.5	101.3	109.3	96.3	105.1	98.0	109.5	98.1	103.6
1987	3235	107.4	111.7	95.2	102.4	111.5	95.9	106.4	97.7	111.3	97.7	105.5
1988	5167	107.2	111.8	95.4	102.2	111.6	95.9	106.3	97.3	111.3	97.8	105.0
1989	6465	106.5	111.3	95.9	101.8	110.7	96.3	105.7	97.4	110.7	97.9	104.5
1990	10690	106.6	111.4	96.2	102.1	110.7	96.5	105.6	97.8	110.9	98.1	104.5
1991	18091	106.2	110.2	96.1	101.4	110.1	96.3	105.4	97.8	110.2	97.7	104.1
1992	23383	106.3	110.4	96.2	101.4	110.3	96.3	105.5	97.9	110.4	97.8	104.1
1993	24082	106.0	110.3	96.3	101.6	109.9	96.6	105.0	98.0	110.0	97.9	104.2
1994	32441	106.3	110.9	96.9	102.5	109.5	97.5	105.1	98.7	110.0	98.2	105.9
1995	37093	106.3	110.4	97.2	102.5	108.9	97.6	105.0	99.3	109.2	98.3	105.9
1996	40334	105.6	109.8	97.6	102.2	108.2	98.2	104.4	98.9	109.2	98.4	105.8
1997	43885	104.8	108.9	97.7	101.7	107.3	98.2	103.7	98.8	108.4	98.4	104.6
1998	38629	104.4	107.9	97.8	101.5	106.9	98.1	103.4	98.8	107.9	97.9	104.6
1999	37645	104.0	107.5	97.8	101.2	106.3	97.9	103.0	99.0	107.3	97.8	104.1
2000	25948	104.0	106.6	97.9	101.1	105.9	98.2	102.7	99.6	106.9	98.1	103.7
2001	20777	103.9	106.0	99.1	100.8	105.8	98.6	102.5	100.0	106.3	99.0	103.4
2002	16888	104.1	106.2	99.1	101.2	105.8	98.8	102.9	100.1	106.2	99.0	103.5
2003	15546	103.7	105.6	99.2	101.1	105.0	98.9	102.3	100.6	105.6	98.8	103.4
2004	14305	103.5	105.2	99.0	101.2	104.5	98.7	102.1	100.9	105.7	98.2	103.7
2005	10751	103.1	104.8	99.2	100.8	104.2	98.8	101.7	100.6	105.3	98.4	103.4
2006	9404	102.8	104.3	99.3	100.6	103.8	98.8	101.5	100.9	104.6	99.4	101.9
2007	7450	102.5	104.1	99.4	100.3	103.5	99.0	101.3	100.8	104.3	98.8	101.6
2008	6419	102.4	103.6	99.6	100.1	103.3	99.1	101.3	100.5	103.9	99.3	101.7
2009	5501	102.2	103.7	99.3	100.4	103.0	99.5	101.0	100.2	106.0	99.3	102.7
2010	4241	101.8	103.0	99.6	99.9	102.8	99.4	100.8	99.9	104.9	98.2	101.1
2011	3123	101.5	102.4	99.8	99.3	102.4	99.4	100.7	99.9	103.7	99.1	101.2
2012	2180	101.8	102.5	99.9	99.4	102.9	99.3	101.0	99.6	105.4	101.1	100.0
2013	1724	102.2	102.1	100.2	99.3	103.1	99.3	101.4	99.6	105.9	101.7	100.2
2014	1228	102.0	101.3	101.4	99.1	103.0	99.0	101.6	99.7	102.1	100.5	100.2
2015	865	101.9	100.9	101.5	99.0	102.5	99.2	101.4	100.0	101.9	100.6	99.9
2016	735	101.7	101.8	101.1	99.3	102.8	99.0	101.4	99.2	102.5	100.3	100.1
2017	102	102.3	103.2	100.7	100.2	103.4	99.0	102.0	99.0	103.5	100.0	101.3

Tabel: 143 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	28	98.3	99.8	99.4
1981	52	98.7	99.8	100.0

1982	174	98.4	99.3	100.0
1983	299	98.3	99.3	99.7
1984	571	98.6	99.4	100.2
1985	1363	98.8	99.6	100.6
1986	2301	98.5	99.3	100.5
1987	3521	98.6	99.3	100.5
1988	5602	98.5	99.3	100.4
1989	7157	98.3	99.1	100.2
1990	12205	98.0	99.0	100.1
1991	21040	97.8	98.8	100.2
1992	24776	97.3	98.6	100.2
1993	29808	97.1	98.6	100.0
1994	46493	97.7	99.2	100.2
1995	53031	98.1	99.4	100.2
1996	54284	98.0	99.5	99.5
1997	55533	97.9	99.4	99.4
1998	54069	97.7	99.1	99.6
1999	48007	98.2	99.5	99.9
2000	35814	98.0	99.4	100.0
2001	27624	98.4	99.4	100.2
2002	21002	98.6	99.5	100.1
2003	19763	99.1	99.9	100.0
2004	17940	99.6	100.3	100.1
2005	13257	100.1	100.5	100.7
2006	11648	100.2	100.6	100.7
2007	9799	100.5	100.7	100.5
2008	9314	100.1	100.3	100.6
2009	8215	100.1	100.2	100.6
2010	7049	99.6	99.8	100.2
2011	6288	99.9	100.2	100.1
2012	6080	100.2	100.4	100.1
2013	5485	100.5	100.7	99.6
2014	5012	99.9	100.1	99.9
2015	4527	99.7	99.9	100.1
2016	4460	100.0	100.3	100.1
2017	3704	100.5	100.8	100.4
2018	3005	100.5	101.0	100.2
2019	1054	100.7	101.1	100.3

Tabel: 144 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17489	-2245.1	-9483.3	-365.9	-328.4
2002	12302	-2181.2	-9181.3	-353.8	-320.0
2003	12065	-1804.0	-7940.3	-283.0	-268.6
2004	11114	-1630.3	-7382.5	-249.8	-245.1
2005	8741	-1353.5	-6279.6	-204.9	-204.2
2006	8139	-1036.0	-4970.8	-153.2	-157.6
2007	7028	-781.6	-4052.4	-108.0	-121.8
2008	6484	-627.6	-3362.4	-86.5	-97.6
2009	5437	-454.2	-2579.4	-60.4	-71.2
2010	4657	-281.3	-1845.5	-34.8	-44.6
2011	4283	-52.2	-914.0	4.4	-12.0
2012	4134	127.9	-173.7	33.9	14.4
2013	3872	290.4	438.3	59.8	38.7
2014	3343	542.7	1528.5	98.5	76.8
2015	2635	671.6	1953.4	119.1	96.3
2016	2294	900.2	2834.7	159.2	128.5
2017	621	987.5	3261.6	171.6	142.0

2018	87	1648.3	5486.3	291.6	234.4
2019	36	2324.9	8356.8	411.2	328.6

Tabel: 145 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1982	28	100.9	97.1	101.9
1983	42	101.5	96.4	101.8
1984	64	99.7	96.6	101.6
1985	134	99.6	97.6	101.3
1986	190	99.3	97.8	101.3
1987	275	99.7	97.0	101.2
1988	411	99.6	96.5	101.2
1989	407	99.7	96.1	101.4
1990	519	99.7	95.5	101.3
1991	1163	100.5	96.1	101.6
1992	1473	100.7	95.7	101.5
1993	1378	101.0	95.5	101.5
1994	2065	101.0	93.0	102.2
1995	2440	101.0	93.0	102.0
1996	2301	101.5	93.2	102.0
1997	2673	101.0	94.2	102.0
1998	2524	101.1	94.1	101.7
1999	2389	100.7	94.6	101.8
2000	1897	100.7	95.2	101.3
2001	1788	100.8	95.7	101.0
2002	1386	100.7	96.3	100.9
2003	1522	100.6	97.4	101.0
2004	1525	100.7	97.9	101.1
2005	1248	101.2	98.0	101.0
2006	1280	101.0	98.6	101.0
2007	1149	101.0	99.2	100.6
2008	1073	101.0	99.4	100.6
2009	1118	100.3	99.6	100.3
2010	1115	100.2	99.9	100.5
2011	1046	100.4	101.2	99.8
2012	1025	100.3	102.4	99.8
2013	982	100.9	103.5	99.6
2014	782	101.1	104.8	99.1
2015	619	101.1	106.0	99.2
2016	550	101.1	106.5	99.2
2017	143	101.5	106.7	99.2

Tabel: 146 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	36	97.3	98.2	0	0.0	0	0.0
1981	63	96.3	97.9	1	-2.6	0	0.0
1982	213	97.0	97.9	1	-5.5	0	0.0
1983	381	97.0	98.0	2	-4.2	0	0.0
1984	793	96.6	97.8	4	-3.9	0	0.0
1985	1958	96.3	97.8	2280	-4.7	0	0.0
1986	3431	96.0	97.5	3828	-4.7	0	0.0
1987	5234	95.6	97.5	5610	-4.5	0	0.0

1988	8886	96.2	97.7	9055	-4.3	0	0.0
1989	10836	96.5	97.8	10889	-4.2	0	0.0
1990	15628	96.5	97.4	15708	-4.1	0	0.0
1991	22468	96.3	97.4	22739	-3.8	0	0.0
1992	25335	96.6	97.6	25720	-3.7	0	0.0
1993	24830	96.4	97.6	24857	-3.6	0	0.0
1994	32034	96.4	97.9	32048	-2.8	0	0.0
1995	35783	96.3	97.7	35797	-2.7	0	0.0
1996	33716	96.5	97.6	33730	-2.5	0	0.0
1997	32873	96.9	97.4	32893	-2.3	0	0.0
1998	31004	96.8	97.4	31016	-2.2	0	0.0
1999	27023	96.8	97.4	27031	-2.0	0	0.0
2000	20339	97.3	97.7	20352	-1.9	0	0.0
2001	17488	98.1	97.9	17494	-1.7	9108	97.9
2002	12289	97.9	97.6	12294	-1.5	6297	98.9
2003	12058	98.4	98.4	12073	-1.1	6238	99.4
2004	11090	98.5	98.7	11110	-0.8	5818	100.0
2005	8724	98.8	98.8	8734	-0.7	4474	99.5
2006	8104	99.5	99.4	8126	-0.6	3962	99.6
2007	6989	99.9	99.7	7011	-0.4	3287	99.6
2008	6433	99.8	99.5	6453	-0.4	2960	99.4
2009	5371	99.6	99.7	5402	-0.4	2401	99.8
2010	4583	99.7	99.3	4606	-0.3	2080	99.6
2011	4224	100.0	99.3	4252	-0.1	1877	99.6
2012	4105	100.3	99.5	4116	-0.1	1685	99.7
2013	3815	100.2	99.2	3839	0.0	1508	99.6
2014	3291	100.8	99.1	3307	0.1	1181	100.0
2015	2585	100.9	99.4	2609	0.2	885	100.2
2016	2224	101.4	99.1	2268	0.3	749	100.8
2017	539	102.1	98.4	606	0.5	106	102.0
2018	0	0.0	0.0	87	0.7	0	0.0
2019	0	0.0	0.0	37	0.9	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	635	-742.3	-34.8	-42.9	-43.5	-2.7	-27.4	-16.5	-262.2
1981	828	-746.5	-31.3	-43.0	-43.7	3.8	-27.4	-16.5	-255.4
1982	4079	-738.9	-33.4	-42.8	-43.3	-0.5	-27.3	-16.5	-258.7
1983	7397	-722.4	-31.7	-41.2	-42.6	1.4	-25.5	-16.5	-248.4
1984	7743	-725.7	-30.9	-40.7	-42.7	3.4	-24.2	-16.5	-244.7
1985	11158	-828.3	-29.3	-42.1	-47.4	14.8	-20.3	-16.8	-248.5
1986	22223	-789.9	-29.4	-40.3	-45.7	11.5	-19.3	-16.7	-240.8
1987	32108	-817.4	-31.9	-40.6	-46.9	9.2	-18.0	-16.8	-247.6
1988	34077	-852.4	-32.3	-41.0	-48.5	11.5	-16.3	-16.9	-250.4
1989	50360	-738.8	-30.3	-36.0	-43.3	5.7	-14.7	-16.6	-224.2
1990	50982	-692.7	-29.1	-34.5	-41.2	4.1	-15.1	-16.5	-215.2
1991	41801	-646.7	-25.9	-32.6	-39.1	6.0	-14.6	-16.4	-199.7
1992	36174	-608.4	-23.8	-31.0	-37.4	6.7	-14.2	-16.3	-188.3
1993	38962	-494.9	-19.9	-26.5	-32.2	4.6	-13.4	-16.1	-160.2
1994	33546	-359.1	-12.8	-21.5	-26.1	6.1	-13.1	-16.0	-122.8
1995	30693	-244.1	-7.4	-18.0	-20.9	6.7	-14.0	-15.8	-95.5
1996	23494	-155.8	-4.6	-15.2	-16.8	4.7	-14.5	-15.6	-77.1
1997	16372	-68.5	0.3	-10.8	-12.9	6.3	-12.5	-15.5	-47.7
1998	10206	-66.7	0.9	-10.2	-12.8	7.2	-11.7	-15.5	-43.9
1999	6946	-21.1	4.3	-8.3	-10.7	9.2	-11.1	-15.4	-28.1
2000	4914	33.6	3.7	-6.9	-7.9	4.4	-12.1	-14.8	-23.0
2001	4277	144.3	5.3	-3.4	0.5	-0.5	-12.6	-9.4	-2.5
2002	2992	195.8	9.2	-0.6	3.4	2.0	-11.1	-8.5	18.0

2003	2729	248.1	11.3	1.9	4.9	1.2	-10.3	-9.6	32.9
2004	2471	298.9	14.9	4.5	7.5	3.3	-9.1	-9.3	51.8
2005	2087	318.3	14.0	5.5	8.1	0.6	-8.7	-9.7	54.1
2006	2290	471.6	19.2	11.5	14.9	-1.7	-8.0	-10.0	92.0
2007	2306	457.7	20.7	11.4	14.2	1.2	-7.4	-10.0	94.5
2008	2392	517.1	23.6	13.7	16.8	1.7	-7.2	-10.2	110.8
2009	1898	535.2	24.0	15.1	17.0	0.9	-6.2	-11.1	117.4
2010	1793	604.9	25.5	17.0	19.9	-1.3	-7.0	-11.4	129.3
2011	1724	677.2	29.3	20.0	23.1	-0.2	-6.3	-11.5	150.7
2012	1812	724.3	32.2	21.9	25.2	1.0	-6.0	-11.5	165.1
2013	2045	712.0	31.4	23.3	26.3	0.5	-3.6	-9.1	169.3
2014	1807	797.4	34.5	25.8	29.1	-0.5	-4.4	-10.6	186.9
2015	2040	812.0	36.6	25.3	28.7	1.7	-5.8	-12.1	189.3
2016	1341	827.0	36.8	27.3	30.4	0.9	-3.9	-10.7	198.3
2017	281	848.0	37.2	27.4	31.7	0.1	-4.9	-10.1	200.0

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	713	95.8	91.6	95.4	102.7	93.2	92.8	96.0
1981	1162	94.8	91.3	94.3	101.4	93.3	93.3	95.5
1982	4663	96.0	92.4	95.5	102.6	94.4	93.5	96.1
1983	8208	95.7	92.9	95.8	102.6	94.8	93.3	96.1
1984	7211	95.3	93.2	95.6	102.2	95.2	93.9	96.3
1985	8860	94.6	92.8	95.1	101.7	95.4	93.6	95.0
1986	15849	94.8	92.9	95.6	102.2	95.2	92.9	95.1
1987	21497	95.6	93.7	96.0	102.3	95.6	93.2	96.4
1988	19130	95.5	94.1	96.0	102.1	96.1	93.8	96.6
1989	27135	96.0	95.5	96.3	102.6	96.4	94.9	97.3
1990	27238	96.1	95.5	96.1	102.5	96.3	94.8	97.4
1991	22465	97.0	94.8	96.8	103.1	95.8	94.3	97.4
1992	19574	97.3	94.8	97.2	103.5	95.9	94.0	97.5
1993	20456	98.0	95.1	97.7	104.0	95.6	94.3	98.1
1994	16839	98.3	95.7	98.8	104.7	95.5	93.7	98.5
1995	15285	98.8	95.6	100.0	106.0	94.8	94.4	97.8
1996	11278	99.7	95.3	100.6	106.6	94.7	94.5	98.2
1997	7259	99.6	95.4	100.9	106.8	94.4	94.7	97.7
1998	3847	100.1	95.4	101.3	107.0	94.6	94.3	97.6
1999	2652	100.2	95.6	101.2	107.1	94.3	94.5	97.8
2000	1664	100.9	95.6	100.8	106.6	94.5	94.3	98.0
2001	1459	101.2	96.1	101.0	106.7	94.5	94.8	97.9
2002	993	101.3	96.2	101.3	107.1	94.8	94.7	97.9
2003	939	102.3	96.9	102.0	107.9	94.9	95.4	98.2
2004	896	102.8	97.1	102.3	108.0	94.6	95.5	98.2
2005	706	103.2	97.4	102.6	108.1	94.9	95.4	98.1
2006	748	103.3	97.0	102.4	108.1	94.0	96.0	98.0
2007	774	103.0	96.9	101.8	107.5	94.4	96.5	98.8
2008	878	103.4	97.3	102.2	107.8	94.7	96.2	99.1
2009	748	103.9	97.5	102.6	108.2	94.6	96.3	98.5
2010	726	104.1	97.4	102.6	108.2	94.6	96.3	98.7
2011	698	104.0	97.7	102.7	108.5	94.5	96.4	99.0
2012	639	104.2	97.8	102.8	108.4	94.8	96.0	99.0
2013	696	104.3	97.6	103.1	109.3	94.1	96.4	98.7
2014	668	104.8	97.4	102.7	108.7	94.2	96.5	99.4
2015	803	105.5	97.1	102.4	109.1	94.0	97.0	99.2
2016	478	105.3	97.4	103.1	109.3	94.3	96.6	99.1
2017	49	105.6	98.0	104.2	110.0	94.3	96.8	99.4

Tabel: 149 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	713	90.9	100.3	89.5	89.1
1981	1162	91.4	99.6	89.4	89.8
1982	4663	91.9	100.0	89.9	90.3
1983	8208	92.1	100.5	90.2	90.1
1984	7211	91.9	100.6	90.1	90.5
1985	8860	92.5	99.2	91.1	91.1
1986	15849	92.9	100.7	90.4	91.3
1987	21497	94.3	100.8	90.4	93.3
1988	19130	94.5	100.1	91.0	93.6
1989	27135	93.7	99.7	91.8	92.9
1990	27238	93.8	99.4	92.2	92.7
1991	22465	94.1	100.4	91.8	93.0
1992	19574	94.4	100.6	92.0	93.3
1993	20456	94.6	101.6	92.1	93.4
1994	16839	94.3	102.0	91.4	93.4
1995	15285	94.1	102.1	91.2	93.5
1996	11278	95.3	101.4	91.9	94.7
1997	7259	95.2	101.9	91.9	94.3
1998	3847	95.3	102.8	91.7	94.4
1999	2652	95.7	102.6	91.9	95.0
2000	1664	97.0	102.2	92.8	96.1
2001	1459	96.9	101.9	93.5	96.1
2002	993	97.6	102.1	94.0	96.8
2003	939	97.6	101.6	94.5	97.1
2004	896	98.0	101.8	94.5	97.6
2005	706	98.2	101.5	95.2	98.0
2006	748	98.4	102.0	94.8	98.2
2007	774	98.8	101.2	95.6	98.9
2008	878	98.7	101.2	95.5	98.6
2009	748	99.0	101.1	95.9	98.9
2010	726	99.4	100.9	96.2	99.5
2011	698	100.0	101.0	96.4	100.3
2012	639	100.2	100.9	96.5	100.5
2013	696	100.1	100.9	97.1	100.4
2014	668	100.7	100.5	97.2	101.0
2015	803	100.8	100.4	97.7	100.8
2016	478	101.3	100.7	97.7	101.5
2017	49	101.6	100.6	97.7	102.5

Tabel: 150 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	713	99.0	94.9	97.6	99.9	99.9	95.3	93.2
1981	1162	99.3	94.7	97.4	99.8	99.7	96.4	93.9
1982	4663	99.6	95.3	97.2	100.0	100.6	96.3	94.3
1983	8208	99.3	95.1	97.5	99.9	100.4	96.4	94.3
1984	7211	99.3	95.1	98.3	99.5	100.2	96.9	94.8
1985	8860	100.2	96.1	98.5	100.1	100.8	98.0	95.6
1986	15849	100.8	96.3	98.8	100.0	101.2	97.6	95.6
1987	21497	100.3	96.8	100.1	99.6	101.0	97.0	95.6
1988	19130	100.1	97.0	100.5	99.5	100.6	97.0	95.6

1989	27135	99.5	96.6	97.8	98.5	99.5	95.5	94.3
1990	27238	99.7	97.0	97.9	99.0	99.8	96.1	94.7
1991	22465	100.7	97.2	98.1	99.8	100.5	96.1	95.2
1992	19574	101.0	97.9	98.4	100.1	101.0	96.5	95.9
1993	20456	101.6	98.6	98.0	100.3	100.7	97.3	96.5
1994	16839	101.8	99.1	98.1	100.2	100.7	98.1	97.2
1995	15285	102.2	99.8	97.6	99.8	101.5	98.5	97.8
1996	11278	102.2	100.6	97.7	99.8	102.1	99.1	98.6
1997	7259	101.7	100.3	97.8	99.5	102.4	98.9	98.2
1998	3847	101.5	100.2	98.1	99.7	102.4	99.3	98.3
1999	2652	102.2	100.8	97.9	100.4	103.5	100.0	99.2
2000	1664	102.6	100.8	99.0	101.2	104.0	100.4	99.7
2001	1459	102.7	100.8	98.8	101.1	104.2	99.9	99.3
2002	993	102.8	101.4	97.9	101.3	103.9	100.6	100.0
2003	939	102.9	101.6	98.1	101.8	104.4	100.5	100.0
2004	896	103.3	102.3	97.8	102.0	105.0	101.0	100.7
2005	706	103.2	102.4	98.7	102.1	104.9	101.1	100.8
2006	748	103.2	101.8	98.6	102.2	105.5	100.8	100.4
2007	774	103.5	102.7	99.0	102.4	106.3	101.7	101.3
2008	878	103.1	102.7	98.6	102.4	106.3	102.3	101.8
2009	748	103.6	103.3	98.3	102.8	106.4	102.3	102.1
2010	726	104.0	103.6	98.2	103.4	106.8	102.4	102.4
2011	698	104.2	103.3	98.7	103.1	106.8	102.2	102.1
2012	639	104.2	103.5	98.2	103.3	107.0	102.6	102.8
2013	696	104.1	105.0	98.5	103.0	108.4	103.2	103.9
2014	668	105.4	104.8	97.9	104.3	108.3	103.0	103.5
2015	803	106.3	104.3	97.1	104.9	107.6	102.8	103.4
2016	478	106.2	104.9	97.2	105.0	108.5	103.5	104.0
2017	49	106.3	105.8	98.7	105.2	109.9	104.3	104.3

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	713	89.8	94.9	99.3	87.4	93.1	89.1
1981	1162	89.3	93.6	99.5	87.8	93.7	89.1
1982	4663	90.5	95.9	99.9	88.4	94.0	90.3
1983	8208	90.6	96.4	99.7	88.5	94.6	90.4
1984	7211	91.1	96.5	99.6	88.6	95.2	90.6
1985	8860	90.0	95.8	100.5	88.9	94.8	90.8
1986	15849	89.8	96.1	100.8	89.3	94.3	91.1
1987	21497	91.1	97.1	100.3	91.4	95.4	92.5
1988	19130	91.6	97.4	100.0	91.8	96.1	92.8
1989	27135	93.1	98.4	98.8	91.1	97.1	92.4
1990	27238	93.1	98.3	99.3	90.9	97.0	92.5
1991	22465	92.8	98.4	100.2	91.3	95.9	93.1
1992	19574	92.8	98.7	100.6	91.7	95.7	93.6
1993	20456	93.6	99.1	100.9	91.8	95.3	94.1
1994	16839	94.1	99.8	101.1	91.7	95.4	94.4
1995	15285	94.4	100.0	101.3	91.8	95.0	94.7
1996	11278	94.7	100.4	101.6	93.1	95.1	95.7
1997	7259	94.7	100.3	101.5	92.7	94.8	95.4
1998	3847	94.6	100.4	101.5	92.8	94.8	95.5
1999	2652	94.8	100.4	102.4	93.5	94.8	96.3
2000	1664	94.6	100.2	103.0	94.8	95.1	97.3
2001	1459	95.1	100.3	103.1	94.9	95.3	97.5
2002	993	95.1	100.8	103.1	95.7	95.6	98.0
2003	939	96.0	101.4	103.6	96.0	96.1	98.8
2004	896	96.2	101.3	104.0	96.4	96.0	99.3
2005	706	96.3	101.5	104.0	97.0	96.3	99.6

2006	748	96.4	101.0	104.2	97.0	95.8	99.7
2007	774	96.9	101.1	104.8	97.8	96.1	100.6
2008	878	97.1	101.6	104.7	97.6	96.4	100.6
2009	748	97.1	101.6	105.0	97.9	96.6	100.9
2010	726	97.1	101.6	105.5	98.5	96.6	101.5
2011	698	97.5	101.8	105.4	99.3	96.7	102.0
2012	639	97.3	102.0	105.5	99.6	96.9	102.2
2013	696	97.5	102.0	105.9	99.5	96.2	102.4
2014	668	97.6	101.9	106.8	100.2	96.6	103.3
2015	803	97.6	102.0	107.0	100.1	96.3	103.4
2016	478	97.6	102.2	107.5	100.9	96.6	104.0
2017	49	98.3	102.6	108.3	101.6	97.0	105.1

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1567	101.2	100.3	99.8	100.4	99.7	101.2	96.8	100.1
1981	2682	101.6	100.5	100.3	100.9	100.2	101.3	95.9	100.7
1982	9138	101.5	100.3	100.1	100.6	100.0	101.4	96.1	100.4
1983	15767	101.3	100.1	99.9	100.3	99.7	101.1	96.1	100.2
1984	14709	101.6	100.0	100.1	100.5	99.9	101.5	95.6	100.3
1985	17859	101.8	100.0	100.3	100.8	100.2	101.3	94.4	100.6
1986	31722	101.8	99.9	100.2	100.6	100.1	101.1	94.6	100.5
1987	42227	102.9	99.6	100.6	100.7	100.9	101.8	94.9	100.7
1988	39906	102.9	99.5	100.5	100.6	100.9	101.8	94.4	100.6
1989	57337	101.4	99.0	99.1	99.3	99.0	100.7	94.2	99.1
1990	57745	101.5	98.8	99.0	99.1	99.0	100.7	94.1	99.0
1991	48477	101.5	98.7	99.2	99.1	99.3	101.0	95.5	99.1
1992	42547	101.8	98.7	99.5	99.3	99.7	101.5	96.0	99.4
1993	45105	101.7	98.9	99.8	99.7	100.1	101.6	96.5	99.7
1994	39459	101.2	98.8	99.3	99.3	99.8	101.8	97.1	99.2
1995	36019	100.7	98.3	98.9	98.7	99.4	101.4	97.7	98.7
1996	27756	100.7	98.3	98.9	98.6	99.5	101.4	98.7	98.7
1997	19533	100.3	97.6	98.4	97.8	99.1	101.4	98.9	97.9
1998	12478	99.9	98.0	98.4	98.0	99.0	101.3	99.2	98.1
1999	8477	99.6	97.9	98.1	97.8	98.7	101.2	99.3	97.8
2000	5823	99.6	97.8	98.1	97.9	98.8	101.3	99.7	97.8
2001	5057	99.7	98.1	98.5	98.2	99.1	101.1	99.6	98.2
2002	3653	99.4	98.2	98.3	98.1	98.8	100.9	100.1	98.1
2003	3366	98.8	98.0	97.9	97.7	98.3	100.3	101.4	97.7
2004	3023	98.8	98.3	98.1	97.9	98.5	100.4	101.8	97.9
2005	2488	98.7	98.6	98.2	98.2	98.6	100.5	101.9	98.1
2006	2720	98.5	98.0	98.0	97.7	98.6	100.8	102.2	97.7
2007	2850	98.5	98.1	98.1	97.8	98.6	100.8	103.0	97.8
2008	2971	98.7	98.0	98.2	97.8	98.8	100.9	103.1	97.9
2009	2363	98.5	98.4	98.4	98.1	98.9	101.0	103.5	98.1
2010	2187	98.9	98.3	98.6	98.1	99.2	101.0	103.6	98.2
2011	2152	98.3	98.2	98.1	97.8	98.7	100.6	104.0	97.8
2012	2235	98.3	98.4	98.3	98.0	98.9	100.4	104.1	98.1
2013	2497	99.2	98.0	98.9	98.3	99.9	101.4	103.8	98.5
2014	2165	99.1	98.1	99.0	98.4	99.8	101.0	104.6	98.6
2015	2535	99.7	98.3	99.6	98.8	100.5	101.5	104.9	99.1
2016	1758	99.2	98.3	99.2	98.7	100.2	101.6	104.8	98.9
2017	835	99.2	98.4	99.3	98.8	100.3	101.5	104.9	99.0

Tabel: 153 MRIJ - Holstein Friesian roodbont: Gebruikskkenmerken
 Basis: Dubbeldoel

Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	358	98.4	97.5	98.6	101.8	102.4
1981	514	97.3	91.2	99.3	102.4	103.2
1982	2020	97.7	95.4	99.3	102.3	102.8
1983	3694	97.9	94.7	99.0	102.0	102.5
1984	3350	97.3	95.8	98.8	101.9	102.5
1985	4307	97.3	95.6	98.6	101.7	102.5
1986	8471	96.9	96.7	98.5	101.6	102.2
1987	12095	96.6	97.0	98.2	101.1	102.0
1988	10947	96.7	97.3	98.2	100.9	102.0
1989	16304	98.6	98.4	98.2	100.5	100.9
1990	17126	98.6	98.5	98.3	100.5	100.9
1991	18103	99.0	98.8	98.2	100.5	100.9
1992	19569	98.7	98.7	98.3	100.5	101.1
1993	20292	99.4	98.9	98.7	101.1	101.3
1994	16533	99.2	98.3	98.7	100.9	101.3
1995	14850	99.3	98.7	98.1	99.8	100.9
1996	10929	99.5	98.9	98.1	99.7	101.0
1997	7001	98.6	99.0	98.2	99.8	100.7
1998	3656	98.3	98.3	98.6	100.1	100.7
1999	2505	98.4	98.3	98.4	99.8	100.3
2000	1573	97.9	98.6	98.8	100.3	100.6
2001	1402	98.0	98.1	98.4	99.6	99.8
2002	952	98.7	98.7	99.0	100.1	100.5
2003	883	98.8	99.3	98.5	99.6	100.1
2004	813	98.7	98.8	98.9	99.6	100.0
2005	656	98.6	98.8	98.8	99.4	99.9
2006	689	98.9	99.5	98.9	99.4	99.8
2007	696	98.9	99.7	99.4	99.9	100.4
2008	761	99.2	99.4	99.3	99.7	100.0
2009	614	98.6	99.4	99.5	99.8	100.1
2010	627	98.4	99.8	100.0	100.2	100.2
2011	584	98.7	99.8	100.2	100.2	100.2
2012	505	98.8	100.3	100.5	100.5	100.3
2013	540	98.5	99.9	100.8	100.8	100.8
2014	490	99.0	100.5	100.6	100.5	100.3
2015	643	100.7	101.5	99.9	100.0	99.7
2016	358	99.5	101.0	100.8	100.9	100.5
2017	39	99.2	98.5	101.4	101.4	101.0

Tabel: 154 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	635	-136.7	-262.2	60.0	102.4	100.1	99.3	87.4	97.1
1981	828	-112.7	-255.4	76.7	103.2	100.7	99.5	87.8	97.6
1982	4078	-124.9	-258.7	47.5	102.9	100.4	99.9	88.4	97.6
1983	7397	-129.8	-248.4	-14.9	102.6	100.2	99.7	88.5	97.6
1984	7742	-139.7	-244.7	-128.0	102.5	100.3	99.6	88.6	97.7
1985	11156	-139.4	-248.5	-222.7	102.4	100.6	100.5	88.9	98.3
1986	22223	-145.5	-240.8	-298.5	102.2	100.5	100.8	89.3	98.1
1987	32108	-138.3	-247.6	-372.4	101.8	100.7	100.3	91.4	98.0
1988	34077	-142.5	-250.4	-404.0	101.7	100.6	100.0	91.8	98.0
1989	50359	-158.7	-224.2	-410.0	100.8	99.1	98.8	91.1	97.7
1990	50982	-156.4	-215.2	-397.7	100.8	99.0	99.3	90.9	97.4
1991	41801	-146.4	-199.7	-378.7	100.9	99.1	100.2	91.3	97.5
1992	36174	-136.6	-188.3	-352.8	101.0	99.4	100.6	91.7	97.4

1993	38960	-115.4	-160.2	-314.0	101.4	99.7	100.9	91.8	97.7
1994	33546	-103.7	-122.8	-289.6	101.2	99.2	101.1	91.7	97.9
1995	30692	-98.8	-95.5	-256.9	100.5	98.7	101.3	91.8	98.0
1996	23494	-82.4	-77.1	-201.6	100.5	98.7	101.6	93.1	98.4
1997	16372	-83.1	-47.7	-206.1	100.3	97.9	101.5	92.7	98.2
1998	10206	-78.0	-43.9	-204.6	100.5	98.1	101.5	92.8	98.1
1999	6946	-66.6	-28.1	-178.3	100.1	97.8	102.4	93.5	98.3
2000	4913	-45.7	-23.0	-150.6	100.5	97.8	103.0	94.8	98.7
2001	4277	-40.3	-2.5	-111.4	99.7	98.2	103.1	94.9	98.6
2002	2992	-19.6	18.0	-65.5	100.4	98.1	103.1	95.7	98.4
2003	2729	-17.1	32.9	-51.2	99.9	97.7	103.6	96.0	97.9
2004	2471	-1.9	51.8	-10.3	99.8	97.9	104.0	96.4	98.0
2005	2087	3.6	54.1	-11.9	99.7	98.1	104.0	97.0	97.9
2006	2290	19.6	92.0	56.8	99.6	97.7	104.2	97.0	98.3
2007	2306	31.7	94.5	80.3	100.2	97.8	104.8	97.8	98.3
2008	2391	32.3	110.8	57.4	99.9	97.9	104.7	97.6	98.5
2009	1898	42.5	117.4	78.0	100.0	98.1	105.0	97.9	98.5
2010	1793	55.6	129.3	117.1	100.2	98.2	105.5	98.5	98.5
2011	1724	63.6	150.7	130.9	100.2	97.8	105.4	99.3	98.2
2012	1812	75.7	165.1	148.4	100.4	98.1	105.5	99.6	98.3
2013	2045	85.2	169.3	155.8	100.9	98.5	105.9	99.5	98.8
2014	1807	98.1	186.9	191.4	100.4	98.6	106.8	100.2	99.1
2015	2040	96.7	189.3	202.4	99.8	99.1	107.0	100.1	99.1
2016	1341	114.6	198.3	225.2	100.8	98.9	107.5	100.9	99.2
2017	281	130.0	200.0	265.6	101.3	99.0	108.3	101.6	99.3

Tabel: 155 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1982	39	93.1	95.9	95.1	93.9	95.5	98.3	100.3
1983	48	93.1	95.7	95.4	93.9	95.5	98.8	99.8
1984	71	93.1	95.9	95.1	94.0	95.8	98.6	100.3
1985	37	94.1	96.4	96.0	94.4	96.8	99.5	99.8
1986	40	93.8	96.3	95.7	94.1	96.9	98.9	100.2
1987	94	93.5	94.0	96.8	95.2	95.4	97.9	99.0
1988	145	93.4	94.1	97.2	94.9	95.1	97.8	98.7
1989	999	93.0	94.7	97.3	93.6	95.0	97.8	98.3
1990	1232	93.1	94.6	97.4	93.7	95.0	97.9	98.4
1991	1948	92.0	94.1	95.8	92.9	95.3	97.6	99.6
1992	1545	91.9	93.9	95.4	92.9	95.4	97.6	99.9
1993	2915	92.0	95.3	94.3	92.5	95.3	99.5	100.3
1994	3926	93.4	95.9	96.2	93.3	95.7	100.4	99.8
1995	7289	94.5	96.9	97.1	93.8	96.1	101.2	99.1
1996	4146	94.6	96.2	97.5	94.5	96.0	100.8	99.2
1997	3971	93.7	95.5	96.8	94.3	95.5	99.2	99.4
1998	2385	93.9	95.5	96.9	94.6	95.2	99.5	99.1
1999	1631	94.7	96.3	97.6	94.9	95.7	99.9	99.1
2000	950	94.7	96.3	97.3	95.1	95.8	99.6	99.4
2001	871	95.2	96.6	97.6	95.4	96.5	100.0	99.5
2002	623	95.8	97.4	97.5	95.9	97.1	100.6	99.6
2003	654	96.5	97.8	97.7	96.6	97.4	99.9	100.3
2004	671	96.5	98.0	97.7	96.6	97.7	99.3	100.3
2005	508	97.3	98.5	98.1	97.2	98.2	100.0	100.8
2006	563	97.3	98.6	98.0	97.2	98.1	100.3	101.1
2007	595	97.6	99.0	98.2	97.5	98.2	99.7	100.6
2008	737	97.3	98.7	98.1	97.4	98.1	99.4	100.7
2009	595	97.3	99.0	97.5	97.2	98.6	99.5	101.3
2010	592	97.7	99.2	97.6	97.6	98.7	100.2	101.5
2011	544	98.3	99.6	98.0	98.2	98.9	100.6	101.5

2012	500	98.6	99.9	98.1	98.2	99.3	100.9	101.5
2013	566	98.7	100.6	98.2	97.7	99.9	99.9	101.8
2014	542	98.8	100.2	98.3	97.9	99.9	101.0	101.8
2015	658	98.1	99.1	98.0	97.7	99.1	101.6	101.9
2016	323	99.0	99.8	98.5	98.3	99.7	101.9	101.8
2017	25	99.5	100.4	98.4	98.5	100.5	101.8	102.6

Tabel: 156 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	395	96.7	98.6	96.7	98.6	98.2	97.9
1981	623	97.4	98.7	97.4	98.7	99.0	98.5
1982	2800	96.8	99.0	96.8	99.0	98.3	98.4
1983	5058	97.1	98.8	97.1	98.8	98.4	98.7
1984	5082	97.7	98.7	97.7	98.7	99.1	98.6
1985	6976	98.8	98.7	98.8	98.7	100.0	99.1
1986	14516	98.6	98.5	98.6	98.5	99.9	98.9
1987	20843	98.0	99.0	98.0	99.0	99.3	99.3
1988	20494	97.9	99.1	97.9	99.1	99.2	99.3
1989	32098	96.9	99.6	96.9	99.6	98.8	99.3
1990	37732	96.8	99.5	96.8	99.5	98.7	99.1
1991	38460	97.2	99.4	97.2	99.4	99.1	98.9
1992	35936	97.4	99.1	97.4	99.1	99.0	98.4
1993	44834	97.5	99.3	97.5	99.3	99.3	98.2
1994	40803	97.8	99.3	97.8	99.3	99.7	98.2
1995	42505	98.1	99.1	98.1	99.1	99.9	98.3
1996	35082	98.5	99.3	98.5	99.3	100.1	98.6
1997	26007	98.5	99.1	98.5	99.1	100.2	98.6
1998	16888	98.5	99.0	98.5	99.0	100.0	98.4
1999	12107	99.0	98.8	99.0	98.8	100.5	98.4
2000	8808	99.2	99.1	99.2	99.1	100.8	99.0
2001	6893	99.3	98.9	99.3	98.9	100.9	98.9
2002	5405	99.0	99.0	99.0	99.0	100.8	98.9
2003	4734	99.0	98.5	99.0	98.5	100.6	98.6
2004	4222	99.1	98.5	99.1	98.5	100.7	98.7
2005	3384	99.1	98.4	99.1	98.4	100.5	98.7
2006	3392	99.5	98.6	99.5	98.6	101.1	98.9
2007	3233	99.7	98.5	99.7	98.5	101.5	98.7
2008	3342	99.7	98.7	99.7	98.7	101.4	99.1
2009	2907	99.9	98.5	99.9	98.5	101.5	99.0
2010	2709	99.8	98.6	99.8	98.6	101.4	99.0
2011	2547	99.7	98.4	99.7	98.4	101.3	98.8
2012	2588	99.6	98.5	99.6	98.5	101.2	99.0
2013	2735	100.1	98.8	100.1	98.8	101.8	98.9
2014	2506	100.0	99.0	100.0	99.0	102.0	99.2
2015	3143	99.5	99.4	99.5	99.4	101.9	99.4
2016	2444	99.9	99.3	99.9	99.3	102.1	99.4
2017	1943	100.1	99.3	100.1	99.3	102.4	99.4
2018	1738	100.2	99.4	100.2	99.4	102.4	99.6
2019	715	100.1	99.3	100.1	99.3	102.5	99.5

Tabel: 157 MRIJ - Holstein Friesian roodbont: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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1980	472	96.4	103.8	104.7	82.1	83.2	84.2
1981	623	98.1	102.9	102.7	82.5	82.9	83.4
1982	2682	97.7	103.3	103.2	93.3	94.0	94.5
1983	5997	96.6	103.7	104.3	93.9	94.5	95.6
1984	5496	97.4	103.2	103.3	93.4	94.8	96.5
1985	6862	99.3	101.5	101.2	93.7	94.7	95.4
1986	13758	98.5	101.9	102.1	96.3	96.2	97.1
1987	18965	97.9	102.7	102.9	96.9	97.5	100.0
1988	17363	97.7	102.7	103.0	96.6	97.8	100.3
1989	22718	95.2	102.9	105.7	97.1	98.8	100.3
1990	23321	95.3	103.0	105.6	97.2	99.5	100.9
1991	22332	95.6	102.7	105.1	97.5	99.8	100.5
1992	20621	96.3	102.9	104.5	97.4	99.5	99.9
1993	20496	96.6	102.3	104.1	97.9	99.3	99.4
1994	18209	96.8	102.5	103.9	98.6	98.9	99.4
1995	17334	96.8	102.6	103.9	97.9	98.8	99.4
1996	14024	97.2	102.8	103.6	98.8	99.2	99.3
1997	9206	96.9	102.9	104.0	98.2	99.3	99.9
1998	5653	97.0	103.0	103.8	97.9	99.1	99.7
1999	4136	97.6	102.3	103.2	98.0	99.2	99.8
2000	3035	97.6	101.9	103.2	99.0	98.5	99.2
2001	2743	97.5	101.7	103.4	98.7	98.0	99.1
2002	1965	97.1	101.7	103.7	99.0	98.6	99.1
2003	1822	97.0	102.2	103.7	98.2	99.8	100.1
2004	1802	97.0	102.1	103.7	98.8	100.1	100.1
2005	1675	97.1	101.8	103.7	98.3	100.2	99.9
2006	1814	97.5	102.1	103.2	98.4	99.2	99.8
2007	2197	98.4	101.5	102.3	97.4	100.1	101.7
2008	2246	97.9	101.3	102.8	98.2	99.8	101.2
2009	1905	97.8	101.7	102.9	98.4	100.3	100.9
2010	1802	97.8	101.7	102.9	97.9	100.0	100.1
2011	1691	97.6	101.6	103.3	97.8	100.1	99.9
2012	1694	97.6	101.6	103.3	98.5	100.3	99.9
2013	1767	98.9	100.9	101.8	96.7	100.3	101.3
2014	1615	98.6	100.9	102.1	98.6	99.8	100.7
2015	2050	98.2	100.8	102.3	98.1	100.7	100.4
2016	1479	98.8	100.9	101.8	98.4	100.2	101.0
2017	1143	98.7	100.7	102.1	99.2	99.7	100.5
2018	1040	99.0	100.6	101.8	99.6	99.9	100.3
2019	409	99.3	100.7	101.6	99.5	99.8	100.4

Tabel: 158 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	535	102.0	98.0	99.6	98.8	99.4	98.7	102.8	99.2	102.4	98.5	100.9
1981	804	101.8	98.6	98.8	98.6	100.2	98.5	102.3	99.1	102.7	98.4	100.4
1982	3115	101.7	98.1	98.9	98.6	99.6	98.5	102.4	99.5	101.7	98.9	98.8
1983	5750	102.2	98.2	99.3	98.6	100.5	98.0	102.6	99.2	102.6	98.8	100.7
1984	5405	102.1	98.8	99.0	98.7	100.7	97.8	102.6	99.1	102.8	98.5	99.9
1985	7264	101.9	98.9	98.0	98.6	100.2	97.1	102.6	99.0	102.3	97.7	99.8
1986	14428	101.8	98.1	98.4	98.3	99.9	97.1	102.6	99.2	101.8	97.7	99.2
1987	20291	103.4	99.0	97.9	99.5	102.0	96.8	104.3	98.3	103.5	97.1	101.4
1988	19743	103.2	99.5	98.0	99.6	102.3	97.0	104.0	98.3	103.7	97.5	101.2
1989	30194	103.0	99.7	98.8	99.4	102.1	97.5	103.5	98.5	103.8	97.8	101.7
1990	34873	102.8	99.6	99.3	99.4	101.7	97.7	103.2	98.8	103.6	97.8	101.6
1991	33711	102.3	98.2	99.0	98.9	100.5	97.6	103.0	98.9	102.4	97.5	100.9
1992	34196	101.9	97.9	99.1	98.8	100.1	97.6	102.7	99.0	101.9	97.7	100.4
1993	38569	102.0	97.2	99.7	98.7	99.8	97.4	102.7	99.3	101.2	97.8	100.4
1994	34697	101.7	96.7	100.1	99.1	98.8	98.1	102.5	99.7	100.5	98.1	100.9

1995	32495	101.2	95.9	100.3	98.8	97.5	98.5	102.0	100.3	99.4	98.0	100.6
1996	29610	100.5	95.6	100.4	98.9	96.4	99.5	101.0	100.5	99.3	98.4	100.7
1997	24271	99.7	95.0	100.6	98.3	95.9	99.3	100.5	100.1	98.8	98.5	99.4
1998	14213	99.6	94.5	100.7	98.3	95.6	99.2	100.4	100.1	98.5	98.1	99.7
1999	11456	99.3	94.5	100.6	98.3	95.5	99.2	100.1	100.2	98.2	98.3	99.3
2000	7172	99.5	94.5	100.5	98.7	95.3	99.5	100.1	100.7	98.3	98.9	99.0
2001	5836	99.1	94.1	101.4	98.2	95.3	99.8	99.7	100.3	97.9	99.3	98.9
2002	5223	99.5	94.7	101.3	98.7	95.6	99.8	100.1	100.6	98.4	99.2	99.0
2003	4482	98.9	94.4	100.9	98.8	94.8	100.0	99.4	100.9	97.9	98.7	99.4
2004	3903	98.9	94.0	101.0	98.5	94.9	99.9	99.3	100.9	98.2	98.6	99.0
2005	3131	99.0	94.0	100.9	98.9	94.4	99.8	99.5	101.0	97.6	98.9	99.1
2006	3089	98.3	93.1	101.9	97.9	94.0	100.4	98.9	101.2	96.6	100.3	97.0
2007	2681	97.8	93.2	101.4	97.3	94.2	100.4	98.3	100.8	97.0	99.0	96.8
2008	2578	98.0	92.9	101.2	97.8	93.8	100.1	98.7	100.7	96.7	99.0	97.5
2009	2230	98.0	92.9	101.7	98.1	93.4	100.7	98.5	101.0	97.7	99.5	98.1
2010	1888	97.4	92.4	101.5	97.8	92.9	100.5	98.3	100.4	96.9	98.6	97.3
2011	1460	97.0	92.0	101.5	97.4	92.4	100.7	98.0	100.3	96.1	99.1	97.3
2012	980	96.9	92.2	101.3	97.8	92.4	100.9	98.1	99.9	96.3	99.8	97.0
2013	918	96.7	91.7	101.0	97.5	92.2	100.9	98.1	99.4	96.2	99.5	96.8
2014	729	96.5	91.1	101.5	97.2	91.9	100.9	97.9	99.6	95.0	99.2	96.8
2015	794	95.9	91.4	101.1	97.5	91.4	101.5	97.1	99.7	95.3	99.4	96.7
2016	477	96.3	91.3	101.4	97.3	91.7	100.9	97.7	99.4	95.1	99.1	96.7
2017	49	96.3	90.3	101.6	97.4	91.2	100.5	98.1	99.3	93.6	99.1	96.1

Tabel: 159 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	393	101.0	98.8	100.5
1981	626	102.2	99.7	101.0
1982	2804	100.8	98.7	101.2
1983	5114	101.0	98.8	101.1
1984	5148	100.7	98.4	101.2
1985	7088	101.1	98.5	102.0
1986	14784	101.1	98.6	101.8
1987	21262	100.9	98.2	101.5
1988	20987	100.7	98.1	101.6
1989	33099	99.7	97.8	101.2
1990	38965	99.2	97.6	101.2
1991	38385	99.3	97.5	101.2
1992	34909	99.2	97.5	101.2
1993	47619	98.9	97.3	101.4
1994	51016	99.4	97.8	101.4
1995	48667	100.0	98.1	101.4
1996	40855	100.2	98.4	101.0
1997	31034	100.6	98.6	101.0
1998	20600	100.5	98.5	101.0
1999	14861	100.9	98.9	101.3
2000	10558	100.5	98.8	101.3
2001	8073	100.8	98.9	101.1
2002	6420	101.4	99.3	101.0
2003	5683	101.5	99.5	100.7
2004	4949	101.6	99.3	100.6
2005	3950	101.6	99.4	100.8
2006	3919	101.9	99.6	100.8
2007	3704	102.6	100.1	101.3
2008	3836	102.4	99.8	101.3
2009	3327	102.1	99.5	100.8
2010	3102	102.4	99.8	100.7
2011	2915	102.6	100.2	100.3

2012	2906	102.8	100.3	100.2
2013	3059	102.8	100.2	100.3
2014	2783	102.7	100.1	100.4
2015	3530	103.5	100.6	99.9
2016	2826	103.4	100.6	100.1
2017	2352	103.4	100.8	100.4
2018	2041	103.4	100.8	100.3
2019	809	103.8	101.1	100.4

Tabel: 160 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	4280	-1107.3	-3297.9	-192.7	-160.4
2002	2990	-750.7	-1985.7	-128.3	-110.7
2003	2729	-599.9	-1436.5	-103.8	-88.3
2004	2477	-262.3	-165.0	-42.8	-41.5
2005	2098	-258.6	-95.2	-47.9	-38.2
2006	2305	332.5	2274.2	50.2	47.8
2007	2313	499.4	2861.7	84.1	69.2
2008	2399	423.4	2525.4	70.7	58.7
2009	1906	587.7	3149.7	96.7	83.3
2010	1810	899.8	4502.4	148.4	128.5
2011	1759	1073.9	5127.8	179.2	153.1
2012	1828	1259.8	5864.7	213.0	178.7
2013	2076	1346.8	6114.3	222.0	194.4
2014	1838	1669.7	7475.4	278.3	239.9
2015	2070	1758.7	7895.9	300.3	249.0
2016	1392	1955.9	8591.4	329.7	279.6
2017	319	2241.9	9745.1	380.0	319.8

Tabel: 161 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Eff	Int	Gewen
1980	62	99.7	104.4	100.0
1981	80	98.6	105.0	99.8
1982	348	98.2	104.4	100.3
1983	490	100.0	103.4	100.0
1984	350	97.9	104.1	99.9
1985	523	97.1	105.1	99.3
1986	816	97.4	104.7	99.6
1987	1607	98.2	103.1	99.1
1988	1310	98.1	102.8	99.1
1989	1934	99.4	99.7	99.5
1990	1720	99.4	99.7	99.5
1991	1566	99.6	100.8	99.6
1992	1385	99.5	101.6	99.7
1993	1606	99.8	102.2	99.4
1994	1494	99.4	101.3	99.7
1995	1527	99.7	101.1	99.7
1996	1293	100.2	101.3	99.9
1997	885	99.4	101.8	100.0
1998	556	99.3	101.9	99.7
1999	381	99.2	101.9	99.9
2000	252	98.8	102.2	99.9

2001	310	99.3	102.9	99.5
2002	202	99.2	103.3	99.6
2003	208	99.3	103.9	99.7
2004	218	99.4	103.8	99.7
2005	186	99.6	104.3	99.5
2006	243	100.1	104.3	99.6
2007	302	99.9	104.3	99.7
2008	322	100.2	104.4	99.6
2009	286	99.9	104.1	99.2
2010	297	99.5	104.2	99.9
2011	340	99.4	105.7	99.3
2012	297	99.7	106.6	99.4
2013	322	99.9	107.5	99.6
2014	363	99.9	108.6	99.2
2015	464	101.3	109.5	99.5
2016	278	100.8	110.4	99.3
2017	67	101.7	111.3	98.8

Tabel: 162 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	635	96.9	100.4	1	-3.7	0	0.0
1981	828	96.0	100.2	6	-2.3	0	0.0
1982	4079	96.5	100.3	9	-2.4	0	0.0
1983	7397	97.0	100.6	6	-3.0	0	0.0
1984	7743	97.1	100.5	7	-1.7	0	0.0
1985	11158	96.2	100.5	13333	-3.3	0	0.0
1986	22223	96.5	100.5	24914	-3.1	0	0.0
1987	32108	96.1	100.4	34299	-2.9	0	0.0
1988	34077	96.6	100.2	34774	-2.8	0	0.0
1989	50360	97.4	100.1	50677	-2.5	0	0.0
1990	50982	97.7	100.1	51231	-2.4	0	0.0
1991	41801	97.0	99.8	42232	-2.3	0	0.0
1992	36174	97.0	99.9	36706	-2.2	0	0.0
1993	38962	97.3	100.2	38997	-1.9	0	0.0
1994	33546	97.1	100.3	33560	-1.5	0	0.0
1995	30693	96.4	99.8	30705	-1.3	0	0.0
1996	23494	96.3	99.7	23496	-1.1	0	0.0
1997	16372	97.0	99.5	16373	-0.9	0	0.0
1998	10206	97.1	99.7	10209	-0.9	0	0.0
1999	6946	97.1	99.6	6949	-0.7	0	0.0
2000	4914	97.4	99.5	4919	-0.7	0	0.0
2001	4277	98.2	99.5	4280	-0.5	1459	95.5
2002	2992	97.9	99.5	2997	-0.3	993	95.9
2003	2729	98.2	99.7	2734	-0.0	939	96.8
2004	2471	98.4	99.9	2475	0.1	896	97.0
2005	2087	98.1	99.7	2089	0.2	706	97.5
2006	2290	99.0	99.9	2293	0.4	748	96.9
2007	2306	99.0	100.2	2309	0.4	774	96.9
2008	2392	99.0	100.0	2393	0.6	877	97.6
2009	1898	99.4	100.2	1899	0.6	748	97.8
2010	1793	99.1	100.3	1796	0.7	726	97.9
2011	1724	99.6	100.3	1728	0.9	698	98.0
2012	1812	99.6	100.5	1816	1.1	639	98.3
2013	2045	99.5	100.6	2053	1.0	696	97.9
2014	1807	100.1	100.5	1815	1.2	668	98.1
2015	2040	100.6	100.4	2057	1.2	803	97.9
2016	1341	100.5	100.4	1366	1.4	478	98.3
2017	281	100.3	99.7	334	1.7	49	99.0

2018 0 0.0 0.0 30 2.1 0 0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	62	-3459.2	-63.8	-98.6	-157.8	201.3	57.1	-0.6	-585.9
1981	85	-3627.7	-70.6	-103.9	-165.5	209.3	60.4	-0.7	-623.9
1982	107	-3630.1	-61.7	-101.8	-165.6	226.7	64.7	-0.7	-596.6
1983	102	-3622.4	-62.2	-101.8	-165.3	224.3	64.1	-0.8	-597.4
1984	195	-3711.0	-63.6	-105.5	-169.3	234.5	64.1	-0.8	-617.1
1985	182	-3723.1	-67.0	-106.8	-169.9	230.6	62.5	-0.8	-629.7
1986	245	-3563.7	-63.4	-101.1	-162.6	214.3	60.5	-0.7	-596.5
1987	322	-3580.3	-64.7	-101.2	-163.3	214.3	62.1	-0.7	-599.8
1988	369	-3599.6	-64.6	-101.7	-164.3	217.1	62.7	-0.8	-601.9
1989	257	-3443.8	-62.0	-96.9	-157.1	200.9	58.9	-0.6	-574.8
1990	410	-3429.0	-61.8	-96.6	-156.4	200.2	58.5	-0.7	-573.0
1991	175	-3261.4	-57.2	-92.9	-148.8	188.8	52.1	-0.7	-545.9
1992	253	-3130.2	-59.3	-88.4	-142.8	167.7	50.4	-0.6	-529.9
1993	184	-2791.3	-52.4	-78.8	-127.4	141.8	42.3	-0.5	-471.4
1994	209	-2727.0	-47.3	-75.0	-124.5	144.4	44.5	-0.5	-444.3
1995	208	-2691.0	-46.4	-74.2	-122.8	140.7	42.8	-0.5	-438.7
1996	204	-2700.7	-47.0	-73.7	-123.2	141.0	44.8	-0.5	-438.1
1997	247	-2672.0	-45.5	-73.0	-121.9	139.1	43.4	-0.5	-431.6
1998	247	-2549.6	-44.1	-69.7	-116.3	129.3	40.7	-0.4	-413.2
1999	325	-2395.3	-34.0	-62.9	-109.3	130.3	41.4	-0.5	-362.3
2000	292	-2254.2	-29.1	-58.4	-102.9	124.7	39.5	-0.4	-331.4
2001	288	-2295.7	-27.6	-57.6	-99.8	131.3	43.5	8.7	-324.1
2002	338	-2251.1	-26.6	-55.5	-98.4	128.4	44.2	7.3	-313.2
2003	387	-2214.3	-23.8	-54.5	-97.8	129.1	43.2	5.4	-302.6
2004	486	-2010.0	-20.8	-47.5	-89.5	114.9	41.1	3.5	-265.3
2005	516	-2038.4	-19.3	-47.1	-91.1	119.8	43.5	3.0	-261.0
2006	674	-2043.9	-16.0	-47.6	-92.0	125.5	43.0	1.7	-256.3
2007	722	-1961.4	-11.3	-42.9	-88.9	125.3	45.2	0.6	-226.6
2008	803	-1941.1	-12.4	-43.9	-87.9	121.4	42.3	0.8	-232.3
2009	982	-2011.1	-13.3	-44.8	-91.4	126.3	45.4	0.2	-239.1
2010	924	-1915.3	-9.6	-42.0	-87.3	123.4	43.7	-0.2	-218.7
2011	1071	-1923.0	-7.7	-41.7	-87.7	127.2	44.7	-0.3	-213.5
2012	962	-2010.7	-8.1	-42.3	-92.0	135.1	49.6	-0.7	-218.1
2013	1558	-2039.5	-5.6	-42.3	-94.9	142.0	51.6	-3.4	-213.7
2014	1084	-2015.7	-3.1	-41.3	-94.5	143.9	51.7	-4.5	-204.4
2015	828	-1927.9	-0.2	-37.2	-92.2	140.4	52.5	-7.0	-180.4
2016	837	-1879.1	2.2	-36.5	-89.7	139.7	50.5	-6.4	-171.8
2017	337	-1858.7	0.7	-35.2	-89.5	135.3	51.2	-7.5	-169.8

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

Tabel: 164 Jersey: Exterieurkenmerken bouw
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	29	71.2	81.6	84.1	89.9	91.3	94.7	79.2
1981	23	70.4	81.5	83.4	89.5	91.3	94.4	78.7
1982	45	68.9	80.8	83.0	89.2	91.2	94.0	77.5
1983	37	69.1	81.6	83.4	89.3	91.8	93.4	77.7
1984	54	68.3	80.9	82.7	88.7	91.3	93.5	77.3
1985	21	69.7	80.9	83.4	89.4	90.7	92.7	78.7

1986	26	69.6	80.9	83.6	89.7	90.2	92.3	79.1
1987	22	69.5	80.5	83.7	90.2	90.1	93.8	78.9
1988	27	71.5	80.9	84.8	91.3	89.7	94.2	80.3
1989	17	71.9	81.0	85.0	91.4	89.4	93.4	81.1
1990	27	71.5	80.8	85.3	91.8	89.6	93.3	80.1
1991	21	71.9	81.5	85.0	91.4	90.3	93.8	79.7
1992	25	71.7	80.8	84.8	91.6	89.3	94.0	80.2
1993	28	71.6	81.0	85.2	92.0	89.6	94.5	80.0
1994	24	71.5	81.0	84.8	91.3	90.4	94.2	79.8
1995	22	71.5	81.0	84.8	91.4	90.5	93.9	80.1
1996	12	69.8	81.2	84.9	91.3	90.7	93.1	79.0
1997	11	71.5	81.2	85.1	91.8	90.0	94.1	80.4
1998	20	70.8	80.7	84.8	91.5	90.2	94.5	80.2
1999	20	72.5	82.0	86.7	93.7	89.5	96.8	81.0
2000	29	71.9	81.2	85.5	92.4	90.0	95.8	80.9
2001	19	72.4	82.0	86.0	92.6	90.2	95.7	80.6
2002	29	72.4	81.8	86.0	92.6	90.0	95.6	81.6
2003	25	72.5	82.4	86.3	92.6	90.8	95.2	81.6
2004	30	73.1	81.8	86.6	93.1	89.7	95.3	81.8
2005	37	71.9	81.1	85.4	92.0	90.2	94.8	80.3
2006	25	72.5	81.4	85.5	91.9	90.4	94.4	81.4
2007	26	72.2	82.5	86.4	92.6	91.2	95.1	81.4
2008	22	72.0	83.0	86.2	92.2	90.9	95.0	81.8
2010	32	72.2	82.2	86.4	93.1	90.5	96.2	81.6
2011	19	72.6	82.6	86.5	92.9	91.1	96.5	82.2
2012	26	71.3	82.8	86.5	93.0	91.2	95.7	81.4
2013	14	72.9	84.0	87.0	92.9	91.9	95.5	82.9
2014	11	71.5	83.6	87.5	93.4	91.5	95.2	82.4
2015	18	72.3	84.7	88.3	94.8	91.8	96.5	83.8
2016	19	72.6	83.7	87.4	93.9	90.9	95.9	83.8
2017	10	72.2	84.2	89.3	95.4	90.6	97.5	84.0

Tabel: 165 Jersey: Exterieurkenmerken beenwerk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	29	104.6	103.7	92.5	107.8
1981	23	104.3	103.5	92.1	107.2
1982	45	104.9	103.5	92.4	108.0
1983	37	105.3	103.8	92.3	108.5
1984	54	104.9	104.7	91.6	107.8
1985	21	104.7	103.5	91.1	107.5
1986	26	106.3	103.8	90.8	109.1
1987	22	106.1	103.7	91.0	109.1
1988	27	106.3	104.0	90.4	109.1
1989	17	107.2	103.7	89.9	109.8
1990	27	107.3	104.0	89.6	110.0
1991	21	106.3	104.2	90.1	109.2
1992	25	108.3	103.6	90.4	111.0
1993	28	108.8	104.1	90.1	111.5
1994	24	108.0	103.2	91.2	111.0
1995	22	108.2	103.5	91.0	111.1
1996	12	106.6	103.4	91.4	109.2
1997	11	107.3	104.1	89.9	110.1
1998	20	108.0	103.4	91.3	111.0
1999	20	109.5	104.5	90.6	112.4
2000	29	108.6	103.7	90.7	111.6
2001	19	108.0	104.0	90.9	110.9
2002	29	108.1	104.0	90.9	110.8
2003	25	107.4	104.4	91.0	110.3

2004	30	109.2	103.2	91.6	111.8
2005	37	108.6	104.4	90.6	111.2
2006	25	108.6	104.0	91.1	111.0
2007	26	108.2	103.4	91.7	111.0
2008	22	107.6	103.7	91.9	110.6
2010	32	108.9	104.1	91.3	111.4
2011	19	108.7	103.0	91.7	111.3
2012	26	108.5	104.4	90.8	111.2
2013	14	108.1	103.7	91.5	110.6
2014	11	109.5	103.5	91.8	112.5
2015	18	109.6	104.8	90.8	112.2
2016	19	108.5	103.6	90.9	111.2
2017	10	108.9	104.5	91.8	111.7

Tabel: 166 Jersey: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	29	93.2	92.0	104.3	90.4	93.8	93.8	93.3
1981	23	93.7	92.5	103.6	91.2	93.5	94.6	94.0
1982	45	92.8	92.0	103.6	90.5	93.4	94.4	93.8
1983	37	92.8	91.6	103.9	90.1	93.9	94.4	93.8
1984	54	93.4	91.3	104.1	90.6	93.9	93.9	93.6
1985	21	93.1	93.3	102.5	89.8	93.4	94.0	94.1
1986	26	94.3	92.8	104.5	90.2	94.8	94.0	93.7
1987	22	92.6	94.0	103.4	89.4	94.2	95.4	94.6
1988	27	94.1	93.4	104.4	90.3	95.8	95.0	94.5
1989	17	93.0	92.9	104.3	88.7	95.5	95.6	94.7
1990	27	93.1	94.0	104.4	88.4	95.9	95.7	95.2
1991	21	94.0	93.5	104.7	90.0	95.7	95.7	95.1
1992	25	93.8	95.4	104.4	89.2	96.2	96.8	96.1
1993	28	94.7	95.9	105.0	89.5	97.2	97.2	96.8
1994	24	94.7	94.8	105.2	89.9	97.1	96.5	95.6
1995	22	94.2	95.7	105.0	89.2	96.3	96.2	95.6
1996	12	94.8	94.2	104.7	89.9	96.3	95.4	94.8
1997	11	95.3	95.0	104.1	90.8	97.0	96.1	95.5
1998	20	93.9	95.8	105.5	88.9	96.5	96.5	95.7
1999	20	96.2	97.8	104.3	91.0	98.0	96.7	97.5
2000	29	95.0	96.6	104.5	89.9	97.0	97.1	97.0
2001	19	95.2	96.6	104.4	90.8	96.8	96.6	96.9
2002	29	94.4	96.0	104.8	90.0	96.2	96.1	96.1
2003	25	95.4	95.7	104.8	91.0	97.4	96.0	95.8
2004	30	96.4	96.5	105.4	91.0	98.8	97.5	97.0
2005	37	95.9	95.8	104.8	91.0	98.1	96.8	96.5
2006	25	96.6	95.6	104.6	91.6	98.0	96.5	96.3
2007	26	96.6	96.2	105.0	91.8	98.0	96.4	96.5
2008	22	96.6	95.5	105.0	92.5	98.0	95.8	95.8
2010	32	97.6	96.5	104.7	92.9	98.9	96.7	96.7
2011	19	97.2	96.2	104.3	92.2	98.7	96.3	96.2
2012	26	98.7	96.5	104.2	94.0	99.6	96.4	96.4
2013	14	99.0	96.8	105.7	94.7	99.0	96.1	95.9
2014	11	99.1	96.4	105.0	94.4	99.5	96.5	96.4
2015	18	100.6	98.0	104.9	94.9	99.9	96.1	96.6
2016	19	99.6	96.8	104.5	94.5	100.7	97.6	97.6
2017	10	99.4	98.3	105.7	93.4	99.7	97.1	97.7

Tabel: 167 Jersey: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood

Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	29	74.8	77.4	90.8	105.7	0.0	87.3
1981	23	74.1	77.0	91.3	105.0	0.0	87.0
1982	45	72.9	76.5	90.5	105.9	0.0	86.5
1983	37	73.0	77.0	90.6	106.3	0.0	86.8
1984	54	72.4	76.3	90.8	105.5	0.0	86.1
1985	21	73.0	76.7	90.5	105.2	0.0	86.1
1986	26	73.1	76.7	91.5	106.8	0.0	87.6
1987	22	73.6	76.7	90.7	106.8	0.0	87.3
1988	27	75.0	77.4	92.0	106.7	0.0	88.4
1989	17	75.2	77.6	91.0	107.4	0.0	88.4
1990	27	74.6	77.7	91.1	107.5	0.0	88.2
1991	21	74.7	77.7	91.9	106.8	0.0	88.5
1992	25	74.9	77.3	92.0	108.7	0.0	89.4
1993	28	75.3	77.8	92.6	109.2	0.0	90.1
1994	24	75.0	77.8	92.7	108.8	0.0	89.9
1995	22	74.8	77.9	92.0	109.0	0.0	89.6
1996	12	74.1	77.8	92.5	107.1	0.0	88.7
1997	11	75.2	78.0	93.1	107.6	0.0	89.5
1998	20	75.0	77.9	91.8	108.8	0.0	89.6
1999	20	77.8	79.0	94.0	110.2	0.0	92.4
2000	29	76.6	78.6	92.9	109.3	0.0	90.9
2001	19	76.8	78.6	93.0	108.8	0.0	90.8
2002	29	77.1	78.6	92.2	108.7	0.0	90.5
2003	25	77.4	79.2	93.5	107.9	0.0	90.8
2004	30	77.4	79.1	94.5	109.7	0.0	92.3
2005	37	75.7	78.3	94.0	108.8	0.0	90.9
2006	25	76.2	78.5	94.4	108.8	0.0	91.4
2007	26	77.2	79.6	94.4	108.9	0.0	91.9
2008	22	77.6	79.0	94.5	108.5	0.0	91.7
2010	32	77.8	79.5	95.7	109.4	0.0	93.0
2011	19	78.4	79.6	95.1	109.4	0.0	92.8
2012	26	77.7	80.1	96.7	109.0	0.0	93.3
2013	14	78.9	80.5	96.6	108.5	0.0	93.6
2014	11	78.5	80.5	96.9	110.4	0.0	94.4
2015	18	80.6	82.3	97.8	109.9	0.0	95.6
2016	19	79.6	80.9	97.6	109.2	0.0	94.6
2017	10	81.5	82.3	96.6	109.6	0.0	95.1

Tabel: 168 Jersey: Vruchtbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	111	103.5	106.5	104.9	106.9	103.8	97.0	81.3	106.1
1981	169	103.5	106.6	104.9	106.9	103.7	96.8	81.3	106.1
1982	233	103.6	106.8	105.0	107.1	103.9	96.4	79.5	106.4
1983	221	103.6	106.6	105.0	106.9	104.0	96.4	78.9	106.2
1984	313	103.7	106.7	105.1	107.0	103.9	96.5	79.6	106.3
1985	247	103.7	107.0	105.4	107.4	104.2	97.1	80.2	106.6
1986	324	103.7	106.5	105.2	107.0	104.1	96.8	80.5	106.4
1987	363	103.3	106.7	105.2	106.9	103.5	96.7	82.5	106.3
1988	414	102.9	106.7	105.0	106.8	103.0	96.3	83.5	106.1
1989	295	103.8	106.2	105.3	106.7	104.0	96.5	81.7	106.2
1990	443	103.6	106.0	105.1	106.4	103.6	96.1	82.3	106.0
1991	205	103.9	105.1	104.5	105.6	103.6	96.7	81.1	105.3
1992	277	103.1	105.3	104.5	105.6	103.1	97.0	83.7	105.3
1993	198	103.2	104.2	103.9	104.6	103.0	97.7	84.7	104.5

1994	237	103.2	104.3	104.2	104.7	102.9	97.8	85.4	104.7
1995	219	102.7	103.9	103.5	104.1	102.4	97.8	86.1	104.0
1996	231	103.0	104.2	104.0	104.5	102.7	97.7	86.1	104.4
1997	259	102.6	104.4	103.9	104.6	102.4	97.5	86.9	104.5
1998	283	102.6	104.4	104.0	104.6	102.6	97.4	86.8	104.5
1999	375	102.6	103.2	103.4	103.5	102.1	97.2	87.5	103.7
2000	342	102.2	103.0	103.1	103.2	101.8	97.1	88.1	103.4
2001	336	102.0	103.4	103.3	103.6	101.8	97.1	88.3	103.7
2002	350	101.6	103.4	103.0	103.3	101.3	96.6	88.7	103.4
2003	408	101.6	103.3	102.9	103.3	101.2	96.5	88.7	103.4
2004	493	101.4	103.8	103.3	103.5	101.1	95.7	89.0	103.7
2005	532	101.2	104.0	103.3	103.6	101.0	95.4	88.7	103.7
2006	686	101.3	104.1	103.4	103.8	101.1	95.3	88.8	103.8
2007	711	101.0	104.1	103.5	103.7	100.8	95.2	89.2	103.8
2008	774	101.0	103.8	103.2	103.3	100.7	95.3	89.4	103.5
2009	981	101.3	103.7	103.4	103.7	101.0	95.8	91.4	103.8
2010	930	101.4	104.2	103.8	104.2	101.6	95.9	90.5	104.2
2011	1123	101.6	104.2	104.1	104.4	101.9	96.1	90.7	104.5
2012	997	101.5	104.3	104.0	104.4	101.8	95.7	90.6	104.4
2013	1642	102.1	103.8	104.2	104.1	102.3	95.5	89.2	104.4
2014	1181	101.9	104.1	104.4	104.5	102.4	95.7	89.8	104.7
2015	953	101.8	104.0	104.2	104.4	102.4	96.1	90.6	104.6
2016	1001	101.9	103.9	104.3	104.4	102.5	96.2	90.7	104.6
2017	574	101.9	104.0	104.3	104.5	102.5	96.3	91.3	104.7

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1986	15	100.3	67.1	99.7	100.2	100.4
1987	17	101.2	72.2	99.6	100.4	100.8
1988	16	101.2	63.8	99.9	100.7	100.9
1989	13	100.2	77.8	100.1	100.6	99.9
1990	20	100.2	85.7	100.5	101.0	100.2
1991	12	100.1	76.5	99.9	99.9	99.6
1992	13	100.4	93.4	99.0	99.4	99.5
1993	22	100.6	83.0	98.4	98.4	98.9
1994	22	100.5	78.0	98.6	98.7	99.2
1995	16	100.6	69.2	98.4	98.3	98.8
1996	11	100.0	63.9	98.9	99.0	99.7
1997	12	99.8	66.9	98.4	98.6	99.4
1998	14	101.2	79.1	98.0	97.9	98.9
1999	21	103.4	93.0	98.0	97.8	98.7
2000	26	102.8	98.7	97.9	97.5	98.3
2001	14	104.1	95.6	98.3	97.5	98.4
2002	21	101.9	62.7	98.6	97.9	98.6
2003	13	101.9	70.2	98.8	98.1	98.6
2004	26	102.0	51.2	99.2	99.3	99.5
2005	39	101.9	44.8	99.4	99.1	99.5
2006	21	101.2	44.2	99.5	99.4	99.9
2007	20	102.1	36.2	99.1	99.5	99.9
2008	13	102.1	23.7	99.8	99.1	99.6
2010	20	102.0	51.2	99.7	98.8	98.8
2011	16	101.6	57.6	100.1	99.1	99.0
2012	20	102.5	87.8	99.9	98.9	98.6
2013	10	101.8	72.6	100.6	99.3	98.9
2015	16	101.9	77.9	100.3	98.8	98.3
2016	19	102.9	102.9	100.6	99.1	98.7

Tabel: 170 Jersey: NVI met onderliggende kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	59	-201.3	-585.9	-218.4	100.7	106.1	90.8	105.7	100.3
1981	78	-215.9	-623.9	-234.2	101.0	106.1	91.3	105.0	100.9
1982	103	-203.8	-596.6	-275.8	101.0	106.4	90.5	105.9	101.2
1983	92	-211.2	-597.4	-325.0	100.5	106.2	90.6	106.3	100.6
1984	182	-229.3	-617.1	-436.5	100.4	106.3	90.8	105.5	101.0
1985	170	-145.7	-629.7	-486.7	100.2	106.6	90.5	105.2	100.5
1986	223	-147.3	-596.5	-525.3	100.3	106.4	91.5	106.8	100.2
1987	312	-149.6	-599.8	-449.4	100.7	106.3	90.7	106.8	100.2
1988	362	-160.4	-601.9	-415.4	100.9	106.1	92.0	106.7	100.6
1989	255	-138.1	-574.8	-372.2	100.2	106.2	91.0	107.4	100.4
1990	403	-130.0	-573.0	-352.8	100.6	106.0	91.1	107.5	100.2
1991	175	-116.7	-545.9	-282.7	99.7	105.3	91.9	106.8	99.6
1992	251	-113.7	-529.9	-261.1	99.4	105.3	92.0	108.7	99.7
1993	183	-95.1	-471.4	-234.1	98.5	104.5	92.6	109.2	98.9
1994	208	-80.5	-444.3	-153.8	98.9	104.7	92.7	108.8	99.2
1995	205	-78.2	-438.7	-144.6	98.5	104.0	92.0	109.0	99.3
1996	203	-77.6	-438.1	-145.3	99.4	104.4	92.5	107.1	99.5
1997	247	-74.5	-431.6	-154.4	99.0	104.5	93.1	107.6	99.7
1998	247	-71.0	-413.2	-180.3	98.3	104.5	91.8	108.8	100.0
1999	325	-50.4	-362.3	-122.8	98.2	103.7	94.0	110.2	100.0
2000	292	-33.8	-331.4	-95.1	97.8	103.4	92.9	109.3	100.3
2001	285	-31.2	-324.1	-112.3	97.8	103.7	93.0	108.8	100.5
2002	337	-28.5	-313.2	-125.2	98.1	103.4	92.2	108.7	100.4
2003	384	-15.7	-302.6	-52.3	98.2	103.4	93.5	107.9	100.6
2004	486	15.8	-265.3	50.5	99.3	103.7	94.5	109.7	99.8
2005	516	29.2	-261.0	129.2	99.3	103.7	94.0	108.8	99.7
2006	674	40.2	-256.3	177.4	99.6	103.8	94.4	108.8	99.8
2007	720	50.6	-226.6	189.1	99.7	103.8	94.4	108.9	100.1
2008	802	40.0	-232.3	167.6	99.3	103.5	94.5	108.5	100.1
2009	980	32.3	-239.1	175.7	98.2	103.8	94.7	108.9	99.8
2010	921	55.6	-218.7	221.8	98.7	104.2	95.7	109.4	100.9
2011	1069	66.5	-213.5	258.4	98.9	104.5	95.1	109.4	101.2
2012	962	64.4	-218.1	253.2	98.6	104.4	96.7	109.0	101.3
2013	1556	69.6	-213.7	268.4	99.0	104.4	96.6	108.5	101.0
2014	1084	73.4	-204.4	254.3	98.9	104.7	96.9	110.4	101.0
2015	828	81.1	-180.4	260.9	98.3	104.6	97.8	109.9	101.8
2016	837	85.9	-171.8	292.5	98.7	104.6	97.6	109.2	101.8
2017	337	83.9	-169.8	289.7	98.5	104.7	96.6	109.6	102.1

Tabel: 171 Jersey: Klauwgezondheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2004	15	108.9	110.1	105.5	105.3	102.2	106.1	99.1
2005	11	107.0	109.3	104.1	103.8	100.8	103.8	98.4
2006	17	110.2	110.4	107.0	107.5	101.2	107.0	98.3
2011	13	109.2	110.2	106.4	105.5	101.8	107.2	99.0
2012	26	110.2	111.4	106.6	106.0	102.5	106.8	99.2
2013	129	109.8	111.0	106.4	105.7	102.4	106.5	99.2
2014	115	110.5	111.2	107.0	106.3	102.8	107.2	99.3
2016	26	110.5	111.1	107.1	106.3	102.2	107.5	98.9

Tabel: 172 Jersey: Levensvatbaarheidskennmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	10	98.9	99.2	98.9	99.2	91.0	103.6
1981	10	99.3	99.5	99.3	99.5	91.1	104.2
1982	24	99.4	100.0	99.4	100.0	90.9	104.3
1983	23	99.0	99.4	99.0	99.4	91.0	104.0
1984	43	99.0	99.9	99.0	99.9	91.0	104.1
1985	33	98.9	99.2	98.9	99.2	90.9	103.9
1986	51	98.4	100.0	98.4	100.0	90.8	104.0
1987	71	97.8	100.2	97.8	100.2	89.6	104.0
1988	92	98.9	99.7	98.9	99.7	91.1	104.6
1989	93	98.8	99.4	98.8	99.4	91.3	104.9
1990	145	98.7	99.3	98.7	99.3	91.3	105.0
1991	100	97.6	99.2	97.6	99.2	90.0	103.8
1992	106	97.5	99.7	97.5	99.7	89.8	104.6
1993	166	96.9	99.3	96.9	99.3	89.2	104.1
1994	190	97.1	99.7	97.1	99.7	89.5	104.0
1995	193	97.3	99.7	97.3	99.7	89.8	104.0
1996	175	97.5	99.7	97.5	99.7	89.7	104.2
1997	167	97.7	100.0	97.7	100.0	90.4	104.2
1998	222	98.3	100.0	98.3	100.0	90.8	104.0
1999	283	98.0	100.2	98.0	100.2	90.2	104.5
2000	289	98.0	100.4	98.0	100.4	90.3	104.7
2001	288	98.3	100.4	98.3	100.4	90.8	104.7
2002	301	98.5	100.2	98.5	100.2	90.9	104.6
2003	361	98.5	100.2	98.5	100.2	91.2	104.5
2004	400	98.1	100.0	98.1	100.0	90.6	104.6
2005	420	98.2	99.6	98.2	99.6	90.5	104.6
2006	485	98.2	99.5	98.2	99.5	90.4	104.6
2007	520	98.1	99.6	98.1	99.6	90.3	104.4
2008	547	97.7	99.8	97.7	99.8	90.0	104.1
2009	608	97.5	100.2	97.5	100.2	89.8	104.8
2010	586	98.4	100.9	98.4	100.9	90.3	105.4
2011	644	98.6	100.9	98.6	100.9	90.5	105.7
2012	659	98.9	100.5	98.9	100.5	90.7	105.3
2013	984	98.8	100.2	98.8	100.2	90.6	105.3
2014	698	98.5	100.8	98.5	100.8	90.4	105.8
2015	714	99.2	101.1	99.2	101.1	91.8	105.8
2016	714	99.2	99.2	99.2	99.2	91.7	103.6
2017	660	99.5	99.8	99.5	99.8	92.0	104.0
2018	764	99.2	87.4	99.2	87.4	91.7	91.1
2019	375	99.2	77.0	99.2	77.0	91.6	80.3

Tabel: 173 Jersey: Geboortekennmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	122.4	105.2	63.5	37.1	36.1	35.2
1981	10	123.7	105.6	62.2	46.1	45.0	44.0
1982	24	123.6	105.7	62.2	38.6	37.5	36.6
1983	25	122.3	104.9	63.6	14.7	14.4	14.0
1984	32	123.8	105.4	61.8	49.2	47.8	46.3
1985	30	122.3	105.1	63.7	31.3	29.8	28.9
1986	30	120.8	105.1	65.8	38.0	36.2	34.8
1987	37	121.4	105.5	64.6	35.5	34.2	33.0

1988	40	119.7	104.4	66.9	21.5	20.0	19.3
1989	43	121.2	104.6	65.3	24.3	22.8	22.0
1990	60	121.0	104.5	65.3	29.0	26.6	25.6
1991	38	120.4	105.0	65.9	25.2	23.5	22.7
1992	45	120.9	105.0	65.2	55.7	51.3	49.3
1993	49	120.4	104.6	66.0	55.3	50.7	48.8
1994	73	120.1	104.8	66.3	58.2	53.5	51.6
1995	67	119.6	104.8	67.1	43.3	39.8	38.5
1996	56	120.2	104.7	66.4	61.8	57.1	54.9
1997	59	119.1	104.9	67.4	61.9	57.4	55.3
1998	96	118.2	105.2	67.7	58.7	54.6	53.6
1999	122	118.3	105.0	67.9	77.3	71.8	68.6
2000	131	119.1	104.6	67.4	71.2	65.9	63.8
2001	134	119.0	104.7	67.5	71.6	66.7	64.6
2002	134	117.9	104.6	68.6	60.9	56.6	54.9
2003	189	117.5	104.8	68.8	64.4	60.1	59.2
2004	266	117.6	105.8	68.2	67.9	64.2	63.0
2005	277	118.2	105.9	67.2	78.4	74.4	73.1
2006	326	118.4	105.6	66.9	77.6	73.5	71.8
2007	382	117.7	106.1	67.7	82.7	78.8	77.2
2008	433	116.9	106.0	68.7	79.6	75.5	74.1
2009	562	116.6	106.2	68.9	72.8	69.1	67.7
2010	473	117.1	105.8	68.4	73.4	69.4	67.4
2011	621	117.3	105.7	68.2	79.5	75.1	72.8
2012	588	116.7	105.7	68.6	79.5	75.1	72.5
2013	784	116.5	105.9	68.8	87.7	82.3	79.8
2014	679	116.9	105.2	68.5	83.7	78.7	76.1
2015	687	115.5	105.5	69.9	84.8	79.4	77.1
2016	545	116.0	105.0	69.5	78.1	73.0	70.6
2017	454	115.2	106.0	70.2	73.7	69.1	67.0
2018	541	115.5	105.9	69.7	51.6	48.4	46.9
2019	203	115.8	105.8	69.5	42.2	39.5	38.4

Tabel: 174 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	29	86.1	104.5	89.0	84.3	99.3	94.2	87.5	89.2	99.1	93.7	78.3
1981	19	86.3	104.7	88.7	84.2	99.8	93.2	88.1	88.6	99.5	92.9	78.4
1982	41	86.0	104.8	88.4	83.6	100.1	92.8	87.7	88.4	99.6	92.6	77.7
1983	33	86.0	105.0	88.7	83.6	100.0	93.2	87.4	88.4	99.7	92.7	78.1
1984	64	86.1	104.4	89.2	83.5	100.0	93.1	87.8	88.7	99.4	92.9	77.9
1985	49	85.9	104.7	89.4	84.1	99.3	94.0	87.5	89.0	99.5	93.4	78.7
1986	71	85.7	104.3	90.3	83.4	99.7	94.4	87.2	88.4	99.8	93.8	78.2
1987	91	85.7	104.3	90.7	83.3	99.7	95.0	87.0	89.0	99.6	94.7	77.8
1988	111	85.6	103.9	90.6	83.2	99.1	94.6	86.8	89.4	99.5	94.0	78.1
1989	96	85.4	104.0	90.4	83.2	98.9	94.6	86.7	89.3	99.2	93.8	78.0
1990	133	85.0	103.8	90.4	83.0	98.5	94.9	86.2	89.3	99.2	94.0	77.7
1991	75	85.2	103.5	90.5	83.6	97.9	95.3	86.7	89.2	98.7	94.3	78.3
1992	106	85.1	103.5	90.8	83.3	97.7	96.3	86.2	90.0	99.0	95.3	78.0
1993	92	84.9	102.9	91.4	83.0	97.0	97.6	85.4	91.3	98.9	96.4	77.7
1994	120	84.9	102.9	91.2	82.9	97.4	97.2	85.7	90.5	98.9	96.1	77.7
1995	110	84.6	102.8	90.9	82.7	97.0	97.2	85.4	90.6	98.9	95.9	77.7
1996	114	84.8	102.9	90.8	83.0	97.1	96.7	85.6	90.7	98.9	95.5	77.8
1997	92	85.1	102.9	91.0	82.6	97.9	96.8	85.9	90.3	99.3	95.7	77.9
1998	144	85.0	102.8	91.3	82.7	97.5	97.1	85.8	90.6	99.0	95.9	77.9
1999	169	85.4	103.3	91.2	82.9	97.9	97.0	85.5	92.0	99.5	95.7	77.8
2000	144	85.3	102.8	91.1	82.7	97.4	96.8	85.6	91.9	98.9	95.9	77.4
2001	151	85.5	102.8	91.2	83.1	97.4	97.2	86.0	91.7	99.1	96.2	78.1
2002	152	85.7	103.0	90.8	83.3	97.4	96.9	85.9	92.1	99.2	95.7	78.4

2003	130	85.9	103.2	91.2	83.4	97.9	97.0	86.1	91.8	99.5	95.8	78.6
2004	154	86.4	103.2	91.5	83.0	98.6	96.9	86.4	92.2	99.8	96.0	78.4
2005	135	86.3	102.8	92.2	82.8	98.4	97.6	86.3	92.3	99.6	96.9	78.2
2006	142	86.3	102.7	92.1	82.1	99.1	97.6	86.1	92.3	99.9	97.1	77.5
2007	82	86.7	102.9	92.0	82.4	99.4	97.1	86.4	92.6	100.0	96.7	77.8
2008	92	86.7	103.1	92.2	82.6	99.4	97.4	86.5	92.6	100.1	96.9	78.0
2009	102	86.5	103.3	91.9	83.0	99.0	97.1	86.3	92.5	99.8	96.4	78.1
2010	54	88.2	102.9	92.5	82.9	100.4	97.6	87.9	93.2	100.4	97.7	78.8
2011	25	88.0	103.1	92.6	83.2	100.2	97.9	87.6	93.3	100.8	97.6	79.3
2012	20	88.2	103.3	92.9	82.9	101.0	97.6	87.8	93.2	100.5	97.3	78.9

Tabel: 175 Jersey: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	22	90.0	87.5	102.0
1983	14	90.2	87.8	101.4
1984	35	90.0	87.7	101.9
1985	14	90.5	88.3	101.4
1986	28	91.1	89.7	101.4
1987	63	91.5	90.1	100.5
1988	41	91.3	90.0	100.9
1989	56	91.5	89.7	100.9
1990	78	91.7	90.1	101.0
1991	50	92.0	90.6	100.4
1992	74	90.7	89.5	100.9
1993	138	90.5	89.3	100.7
1994	164	91.0	89.9	100.5
1995	177	90.7	89.5	100.6
1996	164	90.3	89.2	100.7
1997	145	90.8	89.7	100.9
1998	208	91.3	90.2	100.5
1999	283	90.5	89.5	100.5
2000	272	89.7	88.7	100.1
2001	263	90.3	89.2	99.9
2002	279	90.7	89.6	100.4
2003	318	91.3	90.1	100.5
2004	365	90.6	89.2	100.6
2005	411	90.4	88.8	100.9
2006	465	90.1	88.4	101.1
2007	492	89.7	88.5	101.1
2008	489	89.6	88.5	100.9
2009	547	89.7	88.4	101.0
2010	524	89.9	88.5	101.5
2011	592	89.2	87.6	101.6
2012	652	89.2	87.7	101.7
2013	962	88.9	87.1	101.8
2014	691	88.7	87.0	101.9
2015	901	90.2	88.4	101.9
2016	719	90.2	88.2	101.8
2017	712	90.5	88.6	101.8
2018	786	90.5	88.5	101.8
2019	294	90.7	88.7	102.0

Tabel: 176 Jersey: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	268	-1936.5	-11823.3	-217.5	-320.4
2002	312	-1957.0	-11847.7	-225.7	-321.2
2003	355	-1543.2	-10486.6	-143.5	-267.2
2004	446	-837.4	-7740.8	-27.4	-164.0
2005	474	-389.6	-6422.9	61.0	-104.5
2006	612	-122.2	-5622.8	123.6	-74.2
2007	661	69.6	-5059.8	153.7	-44.8
2008	712	-84.5	-5443.9	125.8	-66.8
2009	934	-44.5	-5447.9	133.9	-61.2
2010	867	313.7	-4088.7	201.0	-12.8
2011	1031	543.8	-3408.4	248.6	16.7
2012	943	487.7	-3929.9	240.6	8.8
2013	1557	600.3	-3740.2	268.4	21.3
2014	1091	565.2	-3893.4	265.2	14.9
2015	825	705.4	-3403.4	283.7	37.9
2016	850	931.8	-2568.4	331.4	66.0
2017	342	922.7	-2531.7	320.5	69.2

Tabel: 177 Jersey: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1990	10	96.5	102.8	103.0
1992	15	96.7	103.3	102.9
1993	19	96.3	103.2	103.8
1994	28	96.7	103.1	103.6
1995	11	97.2	103.1	102.5
1997	13	96.1	101.9	104.3
1998	22	95.8	101.6	105.4
1999	57	97.1	103.1	104.5
2000	33	96.8	103.3	104.8
2001	33	96.7	102.8	104.6
2002	43	95.9	102.2	104.6
2003	71	95.9	101.5	105.1
2004	94	94.5	102.8	106.5
2005	97	94.8	101.9	106.9
2006	139	94.9	101.6	107.2
2007	147	94.6	102.6	106.1
2008	142	95.2	102.4	105.7
2009	260	95.6	102.3	106.2
2010	185	95.1	102.2	106.3
2011	223	94.7	102.6	106.4
2012	252	94.9	102.4	106.7
2013	247	94.9	102.1	107.1
2014	254	94.4	102.5	107.2
2015	238	95.3	101.3	107.4
2016	266	95.2	101.6	106.5
2017	123	95.5	100.8	106.7

Tabel: 178 Jersey: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	62	103.5	96.4	0	0.0	0	0.0

1981	85	103.0	96.1	0	0.0	0	0.0
1982	107	102.5	96.7	0	0.0	0	0.0
1983	102	102.6	96.6	0	0.0	0	0.0
1984	195	102.9	96.5	0	0.0	0	0.0
1985	182	102.6	96.6	185	-10.4	0	0.0
1986	245	101.9	96.4	249	-9.2	0	0.0
1987	322	102.2	96.6	324	-9.1	0	0.0
1988	369	103.0	96.3	369	-8.6	0	0.0
1989	257	104.2	96.9	257	-9.0	0	0.0
1990	410	104.1	97.0	410	-9.7	0	0.0
1991	175	104.3	97.0	175	-9.9	0	0.0
1992	253	104.2	96.6	254	-9.4	0	0.0
1993	184	104.7	96.3	184	-9.1	0	0.0
1994	209	105.1	96.6	209	-8.8	0	0.0
1995	208	104.7	96.0	208	-9.0	0	0.0
1996	204	104.7	96.4	204	-8.9	0	0.0
1997	247	104.8	96.3	247	-8.7	0	0.0
1998	247	103.5	95.6	247	-8.9	0	0.0
1999	325	104.0	95.8	325	-8.2	0	0.0
2000	292	103.8	95.5	292	-8.2	0	0.0
2001	288	103.4	95.6	288	-8.1	19	59.6
2002	338	103.4	95.8	338	-8.1	28	59.1
2003	387	103.8	96.2	387	-8.1	24	60.4
2004	486	105.9	96.7	486	-7.8	30	60.4
2005	516	105.8	97.2	517	-7.9	37	64.2
2006	674	105.8	96.7	674	-7.9	25	63.0
2007	722	106.7	97.1	722	-7.6	26	61.8
2008	803	105.7	95.6	803	-7.6	22	60.9
2009	982	106.4	96.8	982	-7.6	9	59.9
2010	924	106.8	97.1	925	-7.5	32	60.3
2011	1071	106.9	96.7	1071	-7.4	19	61.6
2012	962	107.3	96.5	962	-7.4	26	64.2
2013	1558	107.1	96.5	1559	-7.3	14	65.1
2014	1084	106.8	96.4	1084	-7.3	11	64.3
2015	828	107.3	95.8	828	-7.1	18	68.0
2016	837	107.1	95.8	837	-7.2	19	68.9
2017	337	107.7	96.1	340	-7.1	10	68.9

Tabel: 179 Lakenvelder - zwartbont: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1991	13	-1941.8	-96.3	-81.4	-98.2	-22.6	-22.0	-19.8	-565.6
1992	11	-1864.5	-98.0	-80.5	-94.8	-34.2	-26.2	-20.1	-564.5
1994	12	-1988.2	-100.7	-83.7	-100.4	-29.0	-23.9	-20.4	-584.8
1995	11	-2239.6	-104.5	-89.1	-111.9	-11.6	-15.5	-21.5	-618.4
1996	11	-2169.3	-103.1	-85.1	-108.5	-14.6	-11.5	-20.4	-598.0
1997	27	-2300.6	-111.6	-91.0	-114.6	-21.4	-14.3	-21.3	-641.7
1998	12	-2241.8	-110.2	-89.7	-112.0	-25.3	-16.7	-21.3	-632.8
2000	15	-2279.5	-111.1	-90.9	-113.4	-24.1	-17.0	-20.7	-640.3
2001	12	-1884.5	-94.5	-83.7	-90.7	-23.2	-31.5	-8.7	-568.7
2003	12	-2231.2	-109.0	-88.6	-97.4	-22.3	-13.9	15.2	-621.5

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

Tabel: 180 Lakenvelder - zwartbont: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1987	14	100.9	104.4	101.6	103.7	100.4	97.6	96.9	102.9
1988	20	101.3	103.8	101.0	103.3	100.2	97.3	95.5	102.3
1989	12	101.9	103.7	101.7	103.4	100.9	97.6	94.2	102.8
1990	34	100.9	103.4	100.6	102.8	99.7	97.3	95.5	101.9
1991	32	100.7	104.9	101.5	104.1	100.2	97.1	96.0	103.0
1992	60	101.5	103.7	101.2	103.4	100.5	97.8	95.1	102.5
1993	40	101.8	103.6	101.1	103.3	100.6	97.3	95.2	102.4
1994	33	101.6	104.8	102.0	104.4	100.9	97.8	95.5	103.3
1995	52	101.7	103.4	101.0	103.3	100.5	97.6	94.5	102.3
1996	86	101.0	104.5	101.5	103.9	100.5	97.2	94.9	102.9
1997	107	101.9	104.0	101.6	103.7	100.9	97.6	94.8	102.9
1998	113	101.4	104.1	101.2	103.9	100.5	97.2	94.5	102.8
1999	136	101.5	103.8	101.0	103.4	100.4	97.3	94.2	102.4
2000	135	101.7	104.2	101.8	104.0	100.9	97.6	94.6	103.1
2001	130	101.4	105.0	102.1	104.6	100.9	97.1	94.6	103.6
2002	150	101.4	104.7	101.7	104.2	100.7	96.9	94.2	103.2
2003	122	101.0	104.9	101.7	104.3	100.6	97.1	94.8	103.2
2004	88	101.4	104.6	101.9	104.2	100.7	97.2	94.8	103.3
2005	109	101.2	104.9	101.9	104.3	100.6	97.3	95.2	103.4
2006	72	101.3	104.8	102.0	104.4	100.9	96.9	95.0	103.4
2007	58	100.9	104.7	101.4	104.0	100.4	96.8	95.0	103.0
2008	61	101.0	105.0	101.7	104.2	100.5	97.0	95.1	103.1
2009	53	100.9	104.4	101.3	103.8	100.3	97.1	94.8	102.8
2010	34	101.1	104.7	101.6	104.1	100.5	96.9	94.8	103.2
2011	44	100.7	104.6	101.2	103.8	100.2	96.6	95.0	102.7
2012	40	100.2	105.1	101.2	103.9	100.0	96.6	95.1	102.8
2013	41	100.6	104.7	101.1	103.9	100.0	96.9	94.4	102.7
2014	19	99.6	105.1	100.7	103.5	99.3	96.4	94.0	102.2
2015	23	100.3	105.4	101.5	104.4	100.3	97.0	94.3	103.3
2016	15	99.9	105.7	101.2	104.4	99.9	96.1	93.6	103.0
2017	10	99.2	106.0	101.0	104.2	99.0	95.0	94.4	102.8

Tabel: 181 Lakenvelder - zwartbont: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1991	13	-197.0	-565.6	-487.5	105.4	103.0	0.0	0.0	99.4
1992	10	-249.0	-564.5	-180.4	101.2	102.5	100.0	97.0	100.2
1994	12	-211.1	-584.8	-101.8	103.8	103.3	0.0	0.0	98.3
1995	10	-266.2	-618.4	-562.0	104.0	102.3	97.0	97.0	99.6
1997	27	-266.9	-641.7	-555.5	102.7	102.9	100.5	97.0	100.6
1998	12	-261.2	-632.8	-423.4	102.6	102.8	0.0	0.0	100.0
2000	15	-239.4	-640.3	-209.7	102.8	103.1	98.0	95.0	99.5
2001	12	-232.7	-568.7	-453.2	103.3	103.6	98.0	97.0	100.3
2003	12	-229.1	-621.5	-291.5	103.9	103.2	0.0	0.0	99.3

Tabel: 182 Lakenvelder - zwartbont: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1997	21	100.0	100.2	100.0	100.2	101.0	100.7
1998	25	100.4	99.5	100.4	99.5	101.2	100.4
1999	36	101.0	99.2	101.0	99.2	101.7	100.1
2000	47	100.7	96.9	100.7	96.9	101.7	98.0

2001	62	100.6	80.6	100.6	80.6	101.4	81.3
2002	57	100.5	92.5	100.5	92.5	101.4	93.3
2003	46	100.5	94.4	100.5	94.4	101.2	95.5
2004	53	99.8	95.0	99.8	95.0	100.3	95.9
2005	73	100.1	99.0	100.1	99.0	100.8	99.9
2006	46	100.0	99.5	100.0	99.5	100.9	100.3
2007	30	99.8	100.2	99.8	100.2	100.8	100.6
2008	36	100.9	99.9	100.9	99.9	101.6	100.6
2009	33	100.3	99.9	100.3	99.9	101.2	100.5
2010	26	101.0	99.7	101.0	99.7	101.8	100.4
2011	33	100.2	100.3	100.2	100.3	101.3	100.6
2012	33	100.8	100.2	100.8	100.2	101.8	100.6
2013	34	100.9	99.8	100.9	99.8	101.8	100.5
2014	26	101.4	99.7	101.4	99.7	102.3	100.5
2015	27	101.3	99.7	101.3	99.7	102.0	100.6
2016	24	102.4	99.8	102.4	99.8	102.8	100.7
2017	12	103.4	91.3	103.4	91.3	103.6	92.5
2018	17	101.8	76.2	101.8	76.2	102.5	76.9

Tabel: 183 Lakenvelder - zwartbont: Geboortekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1991	10	100.4	104.8	99.3	0.0	0.0	0.0
1993	12	100.0	104.2	99.2	0.0	0.0	0.0
1995	13	99.9	104.2	99.7	7.3	7.5	7.0
1996	17	100.1	105.1	99.5	5.8	5.5	5.4
1997	26	100.8	104.7	98.8	18.7	18.6	18.0
1998	19	101.7	103.8	98.0	30.7	30.2	28.6
1999	31	99.8	105.0	99.8	37.4	36.8	35.5
2000	46	100.4	105.1	99.1	66.7	67.0	64.0
2001	35	100.2	105.3	99.1	57.1	57.7	54.5
2002	38	99.8	104.4	99.5	65.3	65.9	61.9
2003	37	100.3	104.2	99.2	54.6	54.5	52.2
2004	30	101.4	105.2	98.0	64.7	64.2	62.9
2005	40	102.2	104.0	97.2	84.1	84.1	80.9
2006	33	101.0	103.8	98.4	69.8	69.9	66.6
2007	32	101.8	104.9	97.4	81.7	81.9	78.8
2008	38	101.6	104.9	97.7	78.2	79.0	76.8
2009	34	102.4	104.4	96.8	68.1	68.3	65.9
2010	30	101.0	105.4	98.2	60.9	61.2	59.0
2011	37	102.5	104.5	96.8	44.5	44.1	42.8
2012	28	101.7	105.7	97.5	71.9	72.8	70.3
2013	27	104.0	104.3	95.4	67.6	68.1	66.6
2014	18	101.3	104.7	97.8	85.1	85.8	82.2
2015	20	102.2	103.3	96.9	76.8	77.0	73.5
2016	11	103.3	105.5	95.9	88.3	87.4	86.9
2018	15	101.5	103.9	97.7	38.5	38.5	37.7

Tabel: 184 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	19	95.6	105.4	93.5	97.0	100.7	97.7	95.8	95.2	105.4	95.9	91.5
1991	18	94.9	104.2	91.6	95.2	100.6	97.1	94.8	95.6	105.1	95.2	89.4
1992	29	93.1	101.2	94.1	95.3	96.3	98.9	93.9	95.7	101.4	96.3	89.2

1993	25	94.7	104.1	92.1	96.4	99.0	97.7	94.6	96.2	104.3	94.8	90.5
1994	27	94.2	103.4	92.7	95.4	99.2	97.8	94.3	95.5	104.0	96.1	88.9
1995	37	93.3	103.7	92.7	96.0	97.7	98.5	93.5	95.8	103.5	95.5	89.6
1996	59	95.2	106.0	92.3	96.0	101.5	97.0	95.0	95.0	106.2	94.6	90.9
1997	74	94.4	104.7	93.2	94.8	100.4	97.5	94.0	95.9	105.4	95.3	89.3
1998	74	95.1	105.6	91.7	95.7	101.4	96.9	94.8	95.6	106.0	94.6	90.1
1999	88	93.7	104.0	92.0	94.9	99.5	97.2	93.9	94.8	104.3	94.5	89.2
2000	94	94.6	105.7	92.0	95.1	101.1	96.8	94.0	95.7	106.0	94.4	89.4
2001	69	94.8	105.8	91.7	94.6	101.9	96.3	94.3	95.4	106.3	94.2	89.1
2002	95	94.1	105.0	91.1	94.5	100.9	96.6	93.9	94.9	105.5	94.0	88.8
2003	80	94.4	105.4	91.7	94.8	101.0	97.5	93.7	95.5	106.0	94.8	89.1
2004	47	95.0	106.8	90.6	95.5	102.3	96.7	94.7	94.6	106.9	94.1	89.8
2005	62	94.3	106.9	90.3	95.3	102.2	96.7	93.9	94.0	107.0	93.8	89.4
2006	33	94.5	106.6	90.0	94.9	102.4	96.4	94.3	94.1	107.1	93.8	89.3
2007	17	94.0	105.6	90.9	95.3	100.7	96.9	94.2	93.9	105.5	94.1	89.5
2008	25	93.9	105.7	91.1	94.8	100.6	96.9	93.3	95.4	106.3	93.6	89.0
2009	17	93.2	105.1	91.0	94.6	99.9	96.9	93.0	95.2	105.7	93.6	88.9

Tabel: 185 Lakenvelder - zwartbont: Kalvervitaliteit
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1997	33	104.7	99.9	101.5
1998	27	105.2	100.6	101.9
1999	41	105.1	100.4	101.5
2000	71	104.8	100.0	101.4
2001	68	104.7	100.0	101.4
2002	64	104.3	99.7	101.2
2003	58	104.5	99.7	101.2
2004	61	104.4	99.8	101.2
2005	102	104.6	99.7	101.2
2006	62	104.4	99.7	101.1
2007	38	105.0	100.3	101.4
2008	47	105.2	100.4	101.6
2009	40	104.7	100.0	101.8
2010	31	104.7	100.0	101.6
2011	35	104.6	99.9	101.6
2012	33	104.7	100.0	101.8
2013	34	104.7	99.9	101.8
2014	33	105.1	100.5	101.6
2015	26	105.2	100.3	101.6
2016	27	106.4	101.7	101.9
2017	14	107.7	102.9	101.7
2018	16	105.9	101.2	101.4

Tabel: 186 Lakenvelder - zwartbont: Levensproductiekenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	10	-4608.2	-16690.8	-809.0	-653.6
2003	11	-4141.9	-15048.2	-738.5	-578.7

Tabel: 187 Lakenvelder - zwartbont: Overige productie en efficiency kenm.
 Basis: Dubbeloel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1991	13	100.5	100.9	13	-5.2	0	0.0
1992	11	101.2	101.0	11	-5.7	0	0.0
1994	12	102.9	101.8	12	-5.6	0	0.0
1995	11	99.0	98.4	11	-5.2	0	0.0
1996	11	100.6	101.0	13	-4.5	0	0.0
1997	27	100.4	100.3	31	-5.0	0	0.0
1998	12	98.0	97.3	12	-5.2	0	0.0
2000	15	100.9	100.5	17	-5.7	0	0.0
2001	12	100.0	99.5	12	-5.0	0	0.0
2002	9	102.7	103.1	11	-5.0	0	0.0
2003	12	101.7	104.2	12	-5.3	0	0.0

Tabel: 188 Lakenvelder - roodbont: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1988	11	-1538.9	-76.6	-69.6	-79.7	-16.9	-26.3	-18.4	-470.4
1989	10	-1862.7	-91.3	-76.8	-94.7	-18.2	-17.5	-19.8	-535.1
1990	11	-1804.5	-89.1	-74.7	-92.0	-19.2	-17.8	-19.5	-521.0
1992	14	-1993.4	-100.1	-82.1	-100.5	-25.6	-19.2	-20.0	-576.9
1994	14	-2013.8	-101.1	-83.8	-101.5	-26.7	-22.1	-20.0	-586.4
1996	11	-2194.4	-109.8	-90.1	-109.7	-29.5	-22.7	-20.9	-632.8
1997	17	-2319.8	-109.6	-93.4	-115.4	-13.5	-18.6	-21.4	-647.7
1998	22	-1865.2	-90.6	-80.1	-94.6	-16.1	-24.5	-19.6	-547.4
1999	13	-2072.7	-102.1	-81.9	-104.3	-22.9	-12.2	-20.8	-581.6
2000	20	-2155.4	-110.8	-90.7	-106.8	-34.8	-26.1	-17.6	-636.6
2002	12	-1971.3	-104.4	-83.9	-98.2	-38.8	-25.8	-16.5	-592.8

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1988	14	100.8	102.7	99.9	102.1	99.3	97.6	96.4	101.1
1989	17	101.4	104.2	101.5	103.9	100.5	97.8	96.7	102.9
1990	30	101.1	103.9	101.2	103.4	100.1	97.5	95.8	102.6
1991	27	101.4	104.8	102.0	104.6	101.0	97.9	96.8	103.6
1992	40	101.8	104.6	102.0	104.5	101.2	97.8	95.8	103.5
1993	40	101.8	104.7	102.1	104.7	101.2	98.1	96.5	103.6
1994	55	101.6	104.1	101.6	103.8	100.7	98.0	95.6	102.9
1995	53	101.5	104.7	101.9	104.3	101.0	97.8	95.8	103.2
1996	68	101.5	105.0	102.0	104.5	101.0	97.7	95.8	103.5
1997	98	101.6	104.8	102.1	104.4	101.0	97.9	96.6	103.6
1998	121	101.9	104.7	102.3	104.5	101.3	97.9	95.6	103.7
1999	126	101.6	104.6	101.9	104.3	100.9	97.5	95.1	103.3
2000	163	101.1	105.0	101.8	104.5	100.7	97.2	95.6	103.4
2001	156	101.4	105.1	102.0	104.6	100.9	97.1	94.9	103.6
2002	154	101.0	104.9	101.5	104.2	100.5	96.6	94.3	103.1
2003	149	100.8	105.4	101.9	104.6	100.6	97.0	95.2	103.5
2004	153	101.1	104.8	101.5	104.0	100.5	96.5	94.0	103.0
2005	131	101.2	104.8	101.7	104.2	100.6	96.7	94.6	103.2
2006	108	101.4	104.2	101.4	103.7	100.5	96.6	93.3	102.7

2007	56	101.6	104.5	101.7	104.0	100.8	96.7	94.2	103.0
2008	59	101.4	104.3	101.4	103.8	100.5	96.6	93.7	102.7
2009	61	101.1	104.8	101.8	104.1	100.6	96.5	94.1	103.2
2010	58	101.4	104.5	101.6	104.0	100.7	96.4	93.6	103.0
2011	47	101.6	103.9	101.4	103.5	100.8	96.6	92.9	102.6
2012	55	101.4	104.2	101.3	103.6	100.7	96.3	92.7	102.7
2013	43	101.3	104.5	101.5	103.8	100.6	96.2	93.0	102.8
2014	43	100.8	104.5	101.2	103.6	100.2	96.1	93.5	102.5
2015	34	100.0	105.1	101.0	103.9	99.7	95.1	93.4	102.6
2016	17	100.8	104.9	101.3	103.9	100.2	95.9	93.9	102.8
2017	20	100.5	104.8	101.0	103.7	99.9	95.2	93.5	102.5

Tabel: 190 Lakenvelder - roodbont: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1988	10	-172.1	-470.4	-257.7	105.9	101.1	96.5	97.0	95.7
1990	11	-182.1	-521.0	-345.1	103.8	102.6	0.0	0.0	98.2
1992	14	-203.4	-576.9	-270.8	105.1	103.5	97.5	97.0	98.3
1994	12	-212.2	-586.4	-236.6	104.5	102.9	100.0	96.0	97.8
1996	11	-244.0	-632.8	-363.4	103.9	103.5	97.0	95.0	98.8
1997	17	-242.1	-647.7	-600.0	103.6	103.6	0.0	0.0	99.2
1998	22	-213.4	-547.4	-378.2	102.6	103.7	99.0	96.0	99.8
1999	12	-238.2	-581.6	-323.8	103.9	103.3	0.0	0.0	99.4
2000	20	-229.4	-636.6	-285.8	103.9	103.4	0.0	0.0	98.3
2002	12	-208.5	-592.8	-338.6	104.7	103.1	0.0	0.0	99.3

Tabel: 191 Lakenvelder - roodbont: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1995	15	99.0	99.3	99.0	99.3	100.0	100.1
1996	28	99.2	99.2	99.2	99.2	100.4	100.2
1997	35	98.9	100.1	98.9	100.1	100.3	100.6
1998	62	99.2	100.3	99.2	100.3	100.5	100.7
1999	58	99.3	99.7	99.3	99.7	100.6	100.5
2000	86	99.7	98.4	99.7	98.4	100.6	99.9
2001	73	99.6	95.1	99.6	95.1	100.5	96.1
2002	83	99.6	97.1	99.6	97.1	100.6	98.0
2003	113	99.4	99.1	99.4	99.1	100.4	100.2
2004	111	99.9	99.8	99.9	99.8	101.1	100.5
2005	102	99.9	99.7	99.9	99.7	101.0	100.5
2006	73	100.1	99.8	100.1	99.8	101.0	100.6
2007	40	99.8	99.4	99.8	99.4	100.7	100.5
2008	45	100.1	100.0	100.1	100.0	101.0	100.8
2009	39	99.8	99.7	99.8	99.7	100.9	100.6
2010	48	99.8	100.0	99.8	100.0	101.0	100.6
2011	40	100.1	100.1	100.1	100.1	101.2	100.8
2012	37	100.2	100.1	100.2	100.1	101.2	100.8
2013	33	100.0	100.2	100.0	100.2	101.1	100.9
2014	36	101.2	100.1	101.2	100.1	101.9	100.9
2015	27	102.7	96.5	102.7	96.5	103.0	97.5
2016	24	103.2	100.2	103.2	100.2	103.0	101.2
2017	19	102.9	100.1	102.9	100.1	103.0	101.2
2018	17	102.6	100.1	102.6	100.1	102.7	101.1

Tabel: 192 Lakenvelder - roodbont: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1992	12	100.2	104.4	99.2	23.8	23.9	23.2
1993	14	99.3	105.6	100.2	6.8	6.9	6.6
1994	10	100.4	104.8	99.3	0.0	0.0	0.0
1995	14	100.6	105.1	98.8	27.6	27.4	26.9
1996	31	101.2	104.0	98.3	15.8	15.3	14.6
1997	31	100.1	105.2	99.4	28.3	27.7	26.4
1998	37	101.7	104.0	97.8	31.5	31.3	29.9
1999	32	100.3	104.6	99.4	42.0	42.0	41.2
2000	50	99.7	104.2	99.7	71.2	70.2	68.2
2001	49	99.9	104.1	99.4	74.7	73.9	70.8
2002	44	100.4	104.5	98.7	79.0	78.4	74.5
2003	54	100.5	104.5	98.6	83.8	83.6	79.1
2004	49	101.2	104.5	97.8	84.3	84.5	80.6
2005	55	101.7	104.5	97.3	82.4	82.1	78.3
2006	36	102.2	104.2	96.8	88.6	87.9	83.5
2007	42	101.6	103.5	97.4	91.9	91.3	86.5
2008	45	102.4	103.9	96.7	94.2	94.5	88.8
2009	46	102.2	103.8	96.8	77.4	77.5	73.0
2010	52	102.5	103.3	96.6	89.0	89.0	83.4
2011	41	102.6	102.9	96.3	84.6	84.3	79.6
2012	38	103.4	103.3	95.6	83.9	83.7	78.2
2013	36	102.6	103.0	96.4	80.4	80.5	75.4
2014	29	102.0	104.4	97.2	76.3	76.7	73.0
2015	19	101.8	106.4	97.3	80.9	81.4	79.0
2016	20	102.5	105.2	96.7	82.2	81.7	79.5
2017	23	101.2	104.5	98.0	58.4	58.7	56.7
2018	22	103.0	104.2	96.2	65.8	65.6	62.8

Tabel: 193 Lakenvelder - roodbont: Vleeskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1989	10	96.6	107.9	92.8	98.2	102.0	97.3	96.1	95.1	107.3	95.1	92.9
1990	21	95.9	106.9	93.5	97.1	101.9	97.2	95.5	95.4	106.8	95.0	92.1
1991	15	96.4	108.9	94.3	98.1	102.3	98.2	95.6	95.5	108.2	95.9	93.1
1992	29	96.2	107.5	93.3	97.2	102.3	97.7	95.4	95.6	107.3	95.6	91.9
1993	25	96.7	108.7	92.5	97.8	103.2	97.2	95.9	95.6	108.3	95.2	92.4
1994	42	95.6	106.7	93.4	96.6	101.9	97.4	95.2	95.4	106.7	95.7	91.1
1995	34	96.3	108.1	92.5	96.9	103.4	96.9	95.6	95.2	108.2	94.8	91.6
1996	47	97.0	109.0	90.9	98.1	103.7	96.4	96.3	95.4	108.4	94.1	92.4
1997	60	96.7	107.9	92.7	97.1	103.0	96.8	95.9	96.1	107.7	94.8	91.9
1998	81	96.6	107.2	91.8	96.4	103.2	96.0	95.9	95.9	107.4	94.4	91.2
1999	85	96.8	108.8	91.2	97.0	104.0	96.5	95.9	95.4	108.6	94.3	91.8
2000	109	96.3	108.3	91.6	95.9	103.8	96.5	95.3	95.5	108.4	94.5	90.8
2001	94	97.2	108.8	91.2	96.2	105.1	96.0	96.1	95.5	109.2	94.1	91.4
2002	98	97.3	109.0	91.1	96.3	105.4	96.1	96.5	95.0	109.3	94.1	91.8
2003	95	97.5	109.9	90.2	96.6	106.0	95.9	96.5	94.9	110.2	93.5	92.0
2004	100	97.2	108.8	89.6	96.0	105.5	95.1	96.3	94.8	109.7	92.5	91.8
2005	79	96.9	108.9	89.7	96.4	105.1	95.6	96.1	94.7	109.3	92.9	91.7
2006	52	96.6	109.4	89.6	96.1	105.5	95.5	95.9	94.2	109.8	92.9	91.5
2007	26	96.8	109.9	89.2	97.3	104.9	96.2	96.3	94.0	109.6	92.8	92.7
2008	28	96.7	108.4	89.6	95.9	105.0	95.6	96.1	94.3	109.4	92.7	91.8

2009	18	96.9	108.1	89.6	96.0	104.9	95.1	96.2	94.9	108.9	92.4	91.7
2010	30	96.5	108.1	89.5	96.0	104.6	95.1	95.9	94.1	109.1	92.2	91.9

Tabel: 194 Lakenvelder - roodbont: Kalvervitaliteit
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	15	103.8	99.0	101.3
1993	12	103.1	98.5	101.4
1994	15	103.3	98.7	101.4
1995	24	103.5	98.6	101.5
1996	39	103.5	98.8	101.4
1997	60	103.8	99.1	101.5
1998	85	103.9	99.3	101.5
1999	93	104.2	99.5	101.2
2000	117	104.4	99.6	101.2
2001	114	104.2	99.4	101.2
2002	120	103.9	99.2	101.2
2003	158	103.9	99.3	101.1
2004	161	104.0	99.5	101.2
2005	134	104.1	99.5	101.2
2006	122	104.1	99.5	101.3
2007	59	103.7	99.1	101.4
2008	61	103.8	99.3	101.4
2009	53	103.7	99.1	101.2
2010	64	103.7	99.1	101.3
2011	52	103.7	99.1	101.4
2012	50	103.7	99.3	101.6
2013	39	104.1	99.6	101.4
2014	36	105.6	101.2	101.5
2015	37	107.1	102.6	101.9
2016	33	107.1	102.4	101.8
2017	28	107.1	102.2	101.8
2018	26	107.4	102.7	101.8

Tabel: 195 Lakenvelder - roodbont: Levensproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	10	-3449.2	-11742.1	-630.9	-479.3

Tabel: 196 Lakenvelder - roodbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1988	10	101.1	99.5	11	-4.0	0	0.0
1989	9	101.3	99.7	10	-4.4	0	0.0
1990	11	100.9	99.5	11	-4.3	0	0.0
1992	14	101.9	101.1	14	-5.1	0	0.0
1994	14	100.9	102.1	14	-6.0	0	0.0
1996	11	101.5	100.7	11	-6.0	0	0.0
1997	17	99.9	100.2	17	-5.7	0	0.0

1998	22	101.5	100.4	24	-4.3	0	0.0
1999	13	99.5	100.4	13	-5.1	0	0.0
2000	20	99.2	99.8	20	-5.7	0	0.0
2002	12	100.6	101.6	12	-5.9	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	71	-1100.0	-48.7	-46.9	-59.8	0.9	-11.8	-17.4	-312.8
1981	76	-1159.2	-50.3	-47.8	-62.5	2.6	-9.5	-17.4	-320.6
1982	103	-1280.2	-52.0	-49.5	-68.1	9.6	-4.4	-17.9	-332.5
1983	123	-1267.1	-55.3	-50.2	-67.4	2.2	-6.6	-17.7	-342.2
1984	161	-1290.1	-54.5	-51.1	-68.5	6.2	-6.6	-17.8	-344.7
1985	170	-1283.6	-54.7	-50.7	-68.1	5.3	-6.2	-17.8	-343.1
1986	128	-1260.8	-53.6	-49.8	-67.2	5.3	-6.0	-17.9	-337.1
1987	112	-1325.3	-54.5	-51.5	-70.1	8.9	-4.9	-18.0	-346.6
1988	104	-1366.8	-55.9	-52.6	-72.0	10.0	-3.8	-18.2	-354.8
1989	105	-1272.4	-49.5	-48.9	-67.7	14.5	-3.3	-17.9	-324.6
1990	95	-1350.6	-56.0	-51.7	-71.2	8.0	-3.4	-18.0	-350.8
1991	79	-1425.0	-64.9	-55.4	-74.6	-3.7	-5.5	-18.4	-386.0
1992	73	-1215.4	-51.9	-48.9	-65.0	4.0	-7.4	-17.7	-328.9
1993	88	-1145.9	-48.3	-46.3	-61.9	5.9	-6.8	-17.5	-310.0
1994	69	-1029.4	-41.6	-42.7	-56.6	8.9	-8.1	-17.3	-279.5
1995	69	-954.9	-40.4	-39.3	-53.2	4.4	-7.0	-17.1	-262.1
1996	68	-1021.2	-43.6	-41.4	-56.2	3.9	-6.5	-17.1	-278.2
1997	53	-764.7	-34.0	-32.9	-44.5	0.3	-8.0	-16.6	-219.7
1998	61	-613.6	-29.0	-28.7	-37.6	-2.6	-10.0	-16.3	-190.1
1999	72	-778.5	-33.1	-32.7	-45.1	3.3	-6.6	-16.6	-217.0
2000	53	-880.5	-37.2	-34.0	-49.4	4.0	-2.3	-16.1	-232.4
2001	68	-809.9	-33.0	-32.7	-44.1	5.8	-4.6	-12.4	-216.6
2002	58	-664.0	-30.8	-29.5	-35.3	-1.7	-8.5	-8.4	-196.3
2003	69	-737.9	-30.5	-31.4	-40.3	5.1	-6.8	-10.9	-204.9
2004	80	-524.5	-24.1	-25.1	-31.6	-0.9	-9.3	-12.8	-163.2
2005	85	-488.9	-23.8	-23.6	-30.8	-3.1	-9.0	-14.2	-156.0
2006	97	-526.4	-25.9	-26.2	-33.3	-3.6	-11.1	-15.4	-171.9
2007	77	-421.6	-22.8	-21.9	-26.8	-6.1	-10.1	-12.1	-145.8
2008	91	-382.1	-20.4	-20.7	-26.4	-4.7	-10.3	-14.4	-135.6
2009	123	-409.7	-21.8	-20.5	-27.7	-5.5	-8.6	-14.8	-138.3
2010	98	-395.1	-21.5	-20.3	-27.5	-6.1	-8.9	-15.6	-136.7
2011	113	-427.8	-22.5	-22.2	-28.6	-5.2	-10.3	-14.9	-146.8
2012	137	-462.2	-23.6	-22.0	-30.0	-4.5	-7.8	-14.8	-148.8
2013	95	-356.7	-19.1	-19.1	-25.7	-4.4	-9.4	-15.2	-126.2
2014	124	-431.3	-21.8	-21.3	-29.1	-3.6	-8.6	-15.5	-142.0
2015	122	-309.3	-15.8	-17.5	-23.8	-2.6	-9.4	-15.7	-112.0
2016	86	-257.6	-15.2	-15.8	-21.0	-5.4	-9.8	-14.9	-103.2
2017	27	-279.8	-14.5	-17.7	-22.1	-3.0	-11.8	-15.1	-109.4

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

Tabel: 198 Blaarkop - zwartbont: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	758	88.6	93.0	90.6	94.6	97.4	91.7	96.6
1981	774	88.7	93.0	90.4	94.5	97.6	91.6	96.7
1982	595	89.1	92.7	90.8	95.1	97.7	91.9	96.5

1983	365	89.0	92.3	90.4	95.0	97.4	91.4	95.9
1984	251	88.7	92.9	90.1	94.6	98.6	91.5	95.9
1985	150	89.1	92.7	90.5	94.9	98.3	91.6	96.2
1986	75	89.4	93.5	90.7	95.1	99.1	91.6	96.9
1987	41	90.5	93.1	91.3	96.1	98.5	91.6	97.0
1988	43	90.4	93.2	91.3	96.2	98.5	92.0	97.5
1989	37	90.5	92.7	91.5	96.7	97.5	92.0	97.5
1990	31	90.2	92.5	90.6	95.9	98.6	92.1	97.3
1991	21	90.8	92.7	91.2	96.2	99.1	91.9	96.6
1992	31	91.4	94.2	92.3	96.9	99.8	92.2	98.0
1993	32	92.3	92.5	92.1	97.5	98.5	92.5	97.4
1994	23	90.8	92.4	91.5	96.9	98.6	91.4	97.0
1995	26	92.3	93.7	92.5	97.6	99.6	92.5	98.0
1996	20	92.2	94.2	93.6	98.3	99.7	91.5	97.8
1997	15	92.3	94.7	93.5	98.1	100.1	91.9	100.0
1998	15	92.4	94.1	92.5	97.5	100.5	92.5	97.1
1999	22	92.8	93.7	92.0	97.2	100.1	92.8	98.8
2000	17	93.2	94.1	93.3	98.1	100.2	92.7	97.6
2001	22	93.1	94.6	93.0	97.5	101.0	91.8	97.6
2002	19	93.0	94.5	93.6	98.0	100.0	91.8	98.5
2003	22	92.8	93.8	93.2	97.8	99.9	92.5	97.4
2004	24	92.5	93.7	93.3	98.0	99.3	91.6	98.3
2005	29	91.9	94.0	93.2	97.2	99.7	92.0	97.9
2006	28	93.1	94.0	93.9	98.3	98.9	92.2	99.4
2007	38	92.7	94.2	93.3	97.8	99.8	92.6	98.8
2008	31	92.6	93.8	93.2	97.7	99.6	92.7	98.4
2009	39	92.2	94.4	93.2	97.4	100.6	92.5	99.1
2010	36	91.6	93.2	91.6	96.1	100.0	93.2	99.6
2011	35	92.9	94.8	93.3	97.1	101.6	93.0	98.9
2012	38	93.5	95.0	93.6	97.5	101.1	91.7	100.8
2013	31	92.6	94.7	93.5	97.7	100.8	91.9	100.4
2014	39	92.6	94.3	92.9	97.4	100.9	92.5	99.0
2015	32	94.5	95.9	94.6	98.8	100.9	92.5	101.2
2016	30	95.0	95.1	95.0	99.4	99.9	93.1	100.8

Tabel: 199 Blaarkop - zwartbont: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	758	95.3	95.8	88.9	93.4
1981	774	95.3	95.3	89.4	93.2
1982	595	95.8	95.7	90.3	93.6
1983	365	95.9	96.0	90.4	93.8
1984	251	96.1	95.9	91.2	93.8
1985	150	96.7	95.7	91.1	94.2
1986	75	97.0	95.9	91.8	94.2
1987	41	97.3	96.0	92.7	94.3
1988	43	97.3	95.6	92.9	94.4
1989	37	98.0	96.8	92.6	94.8
1990	31	98.5	96.5	93.4	94.9
1991	21	98.6	95.3	94.0	95.8
1992	31	98.7	95.5	94.4	95.7
1993	32	99.1	95.4	95.2	96.0
1994	23	99.0	96.3	96.0	95.9
1995	26	99.4	95.8	94.8	96.0
1996	20	100.3	96.5	96.5	97.6
1997	15	100.8	96.7	97.0	97.3
1998	15	100.8	97.0	95.6	97.7
1999	22	101.3	96.5	96.1	97.8
2000	17	100.9	97.3	96.2	97.6

2001	22	100.5	95.8	96.1	97.2
2002	19	102.5	96.4	97.5	98.4
2003	22	102.0	95.3	97.4	98.6
2004	24	100.9	95.7	96.5	97.5
2005	29	101.0	97.6	95.9	97.6
2006	28	100.4	97.2	96.0	96.8
2007	38	101.1	96.4	96.3	97.7
2008	31	101.2	96.4	96.3	98.3
2009	39	102.1	96.9	96.7	99.3
2010	36	101.3	96.2	96.3	98.3
2011	35	101.7	95.4	97.6	98.8
2012	38	102.1	96.0	97.6	99.0
2013	31	102.5	96.5	96.8	99.3
2014	39	101.9	95.6	97.1	99.2
2015	32	102.2	96.5	97.2	99.3
2016	30	101.5	96.8	97.2	98.7

Tabel: 200 Blaarkop - zwartbont: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	758	99.1	92.3	101.3	99.5	94.1	95.6	92.7
1981	774	99.6	92.6	101.3	99.7	94.1	95.7	92.7
1982	595	100.2	93.1	101.0	100.4	95.0	96.1	93.5
1983	365	99.8	92.7	100.7	99.8	94.4	95.7	93.1
1984	251	99.8	92.6	100.9	100.1	94.1	95.9	93.2
1985	150	99.7	93.2	100.9	99.7	93.7	95.8	93.3
1986	75	99.9	93.1	101.1	99.7	94.1	95.5	93.2
1987	41	100.2	93.0	101.9	99.9	94.3	94.9	92.8
1988	43	100.6	93.7	101.4	100.3	95.1	95.7	93.5
1989	37	99.8	94.4	100.9	99.3	94.4	95.5	93.8
1990	31	100.2	93.5	101.8	99.7	93.5	94.9	93.2
1991	21	102.1	94.7	102.7	101.1	94.5	97.0	95.0
1992	31	102.5	95.0	101.9	101.1	94.5	96.2	94.6
1993	32	101.9	95.1	100.4	100.9	94.5	96.0	94.3
1994	23	101.3	95.4	101.0	100.7	94.0	96.0	94.9
1995	26	102.2	95.3	101.1	101.2	94.1	96.0	94.5
1996	20	102.5	96.2	101.3	100.7	94.3	96.0	95.1
1997	15	102.3	95.2	101.5	100.9	95.4	94.7	93.7
1998	15	102.4	96.6	100.7	101.5	94.3	96.5	95.7
1999	22	102.8	95.7	102.3	101.4	94.0	96.2	95.4
2000	17	103.6	96.7	99.4	102.2	94.1	95.6	94.8
2001	22	102.7	95.1	102.1	102.0	94.1	95.8	94.5
2002	19	102.7	97.2	100.6	101.1	95.0	95.6	95.1
2003	22	103.0	97.0	100.1	102.0	94.8	96.3	95.6
2004	24	101.8	95.5	101.0	100.6	94.8	95.0	93.9
2005	29	102.0	95.7	101.9	100.2	94.1	95.1	94.7
2006	28	101.1	95.8	103.0	99.3	94.4	94.9	94.1
2007	38	102.4	95.8	101.4	101.1	94.5	95.2	94.3
2008	31	101.5	95.3	101.5	100.6	94.5	95.2	94.4
2009	39	102.6	95.9	101.5	101.1	94.3	95.3	94.3
2010	36	102.6	96.2	102.2	101.0	93.4	95.4	94.8
2011	35	103.1	96.8	101.5	101.3	94.2	96.3	95.8
2012	38	103.7	96.9	102.8	101.5	94.2	95.8	95.2
2013	31	103.5	96.6	103.0	101.4	94.4	95.3	94.5
2014	39	103.3	96.7	102.2	102.2	95.1	96.9	95.7
2015	32	103.2	97.8	102.0	102.0	95.1	96.8	96.2
2016	30	103.5	96.9	103.3	101.5	95.9	95.8	95.0

Tabel: 201 Blaarkop - zwartbont: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	758	88.3	91.6	97.2	90.5	101.7	88.7
1981	774	88.3	91.6	97.5	90.3	102.1	88.8
1982	595	88.4	91.9	98.3	91.0	101.7	89.6
1983	365	87.6	91.3	97.6	91.3	100.7	89.1
1984	251	87.7	91.9	97.7	91.5	101.2	89.4
1985	150	88.0	92.0	97.3	91.9	101.2	89.4
1986	75	88.8	93.2	97.5	92.0	101.7	90.0
1987	41	88.9	93.6	97.5	92.4	100.3	90.4
1988	43	89.3	93.8	98.4	92.2	100.6	90.8
1989	37	89.2	93.4	97.3	93.1	99.3	90.7
1990	31	88.7	93.0	97.2	93.3	99.7	90.4
1991	21	88.5	93.4	99.0	93.8	100.3	91.8
1992	31	90.3	95.8	99.1	93.7	101.1	92.6
1993	32	89.6	94.6	98.9	94.3	98.9	92.4
1994	23	88.4	93.7	98.1	94.4	98.6	91.6
1995	26	90.5	96.1	98.9	94.5	100.2	93.1
1996	20	90.2	96.8	98.8	96.3	99.9	94.0
1997	15	91.7	97.9	99.1	96.3	101.1	94.7
1998	15	90.0	96.4	99.3	96.5	100.3	94.1
1999	22	90.9	96.0	99.1	96.8	100.1	94.5
2000	17	90.7	97.1	99.7	96.5	100.2	94.8
2001	22	90.3	97.2	99.3	95.7	100.7	94.0
2002	19	90.9	97.4	99.2	97.5	100.2	95.2
2003	22	90.4	96.5	99.6	97.2	99.6	95.0
2004	24	90.4	96.5	98.6	96.0	99.8	93.7
2005	29	90.3	96.1	98.1	96.5	100.2	93.7
2006	28	91.5	96.8	97.8	95.7	99.8	93.5
2007	38	91.2	96.6	98.9	96.6	100.2	94.5
2008	31	91.0	96.4	98.4	97.0	100.0	94.3
2009	39	91.3	97.1	98.9	98.2	100.7	95.5
2010	36	91.0	95.1	98.5	96.9	100.2	94.2
2011	35	91.7	97.8	99.3	97.5	101.7	95.5
2012	38	92.2	98.3	99.6	97.9	101.4	95.9
2013	31	91.8	98.0	99.4	98.4	101.1	96.2
2014	39	91.2	97.4	100.2	97.8	100.6	95.9
2015	32	93.1	99.4	100.0	98.3	101.4	97.0
2016	30	93.2	99.1	100.1	97.8	100.3	96.7

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2029	103.9	102.5	103.1	104.4	103.4	102.2	94.2	104.0
1981	2007	104.0	102.3	103.0	104.3	103.4	102.3	94.0	103.9
1982	1580	104.3	102.4	103.3	104.5	103.9	102.3	93.7	104.2
1983	988	104.9	101.9	103.4	104.5	104.2	103.0	93.3	104.2
1984	704	104.7	102.0	103.2	104.3	104.0	102.6	93.8	104.0
1985	450	104.6	101.8	103.1	104.3	104.0	102.8	93.4	104.0
1986	315	104.7	101.5	103.0	103.9	103.9	102.5	93.3	103.7
1987	182	105.3	101.3	103.4	104.1	104.6	102.7	92.7	104.0
1988	152	104.7	101.4	102.9	103.8	103.9	102.1	93.0	103.6
1989	131	104.2	101.4	102.8	103.6	103.6	101.9	93.3	103.4
1990	121	104.7	101.3	103.2	103.7	104.1	102.2	92.8	103.7

1991	101	104.5	101.7	103.3	104.0	104.2	102.3	93.0	103.9
1992	104	104.3	101.4	103.0	103.6	103.9	102.5	93.5	103.5
1993	125	104.1	101.7	103.0	103.9	104.0	102.6	94.1	103.7
1994	88	104.5	101.7	103.5	104.3	104.8	102.9	93.7	104.1
1995	96	104.0	101.5	103.0	103.7	104.0	102.5	94.1	103.6
1996	107	103.5	101.5	102.6	103.3	103.2	102.1	95.3	103.2
1997	91	102.6	101.3	101.9	102.6	102.1	101.4	96.7	102.5
1998	83	102.8	101.2	101.8	102.6	102.4	101.3	95.6	102.4
1999	98	102.9	101.6	102.4	103.3	103.4	101.6	94.2	103.1
2000	82	102.5	101.5	102.1	103.0	102.8	101.4	95.0	102.8
2001	94	103.1	101.7	102.8	103.6	103.8	101.7	93.4	103.4
2002	77	103.6	100.9	102.3	103.0	103.6	102.3	94.7	102.8
2003	95	103.2	101.7	102.7	103.7	103.9	101.9	94.3	103.4
2004	106	103.4	101.4	102.8	103.5	104.0	102.0	94.4	103.4
2005	113	103.7	101.2	103.0	103.5	104.2	102.3	95.0	103.5
2006	140	104.1	101.2	103.2	103.7	104.6	102.4	94.7	103.7
2007	128	103.8	101.4	103.0	103.8	104.2	102.2	95.1	103.6
2008	129	104.0	101.2	103.2	103.7	104.5	102.5	95.0	103.7
2009	162	104.0	101.4	103.3	103.8	104.6	102.7	95.4	103.7
2010	141	103.8	101.6	103.4	103.8	104.2	102.6	96.4	103.8
2011	161	104.0	102.1	103.8	104.5	105.0	102.8	95.1	104.4
2012	199	104.2	102.1	104.1	104.6	105.4	103.0	95.5	104.6
2013	136	104.3	102.0	104.0	104.6	105.1	102.8	95.8	104.5
2014	171	104.2	102.5	104.4	105.1	105.6	102.9	95.2	105.0
2015	160	103.6	102.3	103.8	104.8	105.1	102.7	96.1	104.6
2016	130	103.7	102.1	103.9	104.6	105.2	102.9	96.6	104.5
2017	63	103.6	102.3	104.0	104.7	105.2	103.0	96.6	104.7

Tabel: 203 Blaarkop - zwartbont: Gebruikskennmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	23	98.0	63.3	97.3	101.5	103.1
1981	18	98.2	37.7	96.7	101.1	102.6
1982	27	99.8	58.3	95.4	100.6	101.9
1983	27	99.4	71.8	96.3	101.0	102.4
1984	24	99.2	64.5	96.5	101.1	102.1
1985	24	99.6	64.9	96.5	101.1	102.1
1986	16	99.4	85.2	95.6	100.5	101.2
1987	14	100.8	70.4	95.0	99.8	100.4
1988	13	100.9	83.7	95.0	99.7	100.7
1989	17	100.0	75.3	94.9	99.2	100.8
1990	15	100.6	98.9	95.0	99.4	100.6
1991	15	97.9	97.5	95.3	100.3	100.7
1992	29	99.2	95.1	95.7	99.9	100.7
1993	28	98.7	98.3	95.7	99.8	100.8
1994	23	99.9	97.7	95.3	99.0	100.8
1995	26	99.7	91.3	95.7	99.2	100.7
1996	20	98.1	98.2	95.5	99.8	101.0
1997	17	99.8	91.8	95.3	99.2	100.4
1998	16	97.8	79.6	95.9	99.2	101.0
1999	20	98.2	98.7	95.2	98.6	100.4
2000	17	99.5	98.5	95.2	98.7	100.1
2001	23	97.9	98.7	96.0	99.2	100.3
2002	17	98.5	97.9	94.8	97.4	98.7
2003	22	97.2	94.0	97.0	99.6	100.0
2004	23	98.8	94.9	95.8	98.2	99.4
2005	27	97.6	90.6	96.1	98.2	99.4
2006	26	98.0	99.1	95.4	97.7	98.9
2007	37	98.4	98.2	95.5	98.0	99.1

2008	30	98.2	96.8	95.7	97.6	98.9
2009	39	99.0	96.9	95.9	97.8	99.0
2010	36	99.2	98.5	96.3	97.9	99.2
2011	32	97.8	97.8	96.0	98.1	99.1
2012	33	99.2	98.7	96.2	97.9	99.4
2013	29	98.9	94.6	96.5	98.3	99.6
2014	36	98.9	98.2	96.4	98.2	99.3
2015	27	98.1	98.4	96.7	98.7	99.6
2016	25	99.6	98.1	96.3	98.2	99.2

Tabel: 204 Blaarkop - zwartbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	68	-129.0	-312.8	-178.7	102.7	104.0	97.2	90.5	98.9
1981	74	-131.0	-320.6	-186.5	102.1	103.9	97.5	90.3	99.0
1982	102	-126.9	-332.5	-166.2	101.6	104.2	98.3	91.0	98.8
1983	122	-126.1	-342.2	-162.7	102.1	104.2	97.6	91.3	100.0
1984	161	-152.0	-344.7	-262.4	101.9	104.0	97.7	91.5	100.1
1985	170	-152.7	-343.1	-349.0	101.9	104.0	97.3	91.9	99.8
1986	128	-155.9	-337.1	-394.3	101.1	103.7	97.5	92.0	98.7
1987	112	-164.6	-346.6	-469.4	100.1	104.0	97.5	92.4	99.0
1988	104	-168.4	-354.8	-471.8	100.3	103.6	98.4	92.2	99.0
1989	105	-153.1	-324.6	-429.0	100.2	103.4	97.3	93.1	98.8
1990	95	-169.5	-350.8	-471.7	100.1	103.7	97.2	93.3	98.8
1991	79	-171.3	-386.0	-498.6	100.5	103.9	99.0	93.8	99.3
1992	73	-153.7	-328.9	-422.2	100.4	103.5	99.1	93.7	99.4
1993	88	-140.6	-310.0	-386.5	100.5	103.7	98.9	94.3	99.2
1994	69	-130.5	-279.5	-351.5	100.0	104.1	98.1	94.4	98.7
1995	69	-116.5	-262.1	-300.6	100.1	103.6	98.9	94.5	98.9
1996	68	-122.1	-278.2	-332.6	100.5	103.2	98.8	96.3	99.0
1997	53	-102.7	-219.7	-301.0	99.9	102.5	99.1	96.3	98.5
1998	61	-88.0	-190.1	-220.4	100.3	102.4	99.3	96.5	98.5
1999	72	-95.9	-217.0	-210.1	99.6	103.1	99.1	96.8	98.5
2000	53	-105.0	-232.4	-249.2	99.5	102.8	99.7	96.5	98.6
2001	68	-86.7	-216.6	-179.0	99.8	103.4	99.3	95.7	99.1
2002	58	-103.8	-196.3	-239.9	98.0	102.8	99.2	97.5	98.4
2003	69	-78.1	-204.9	-142.2	99.8	103.4	99.6	97.2	98.8
2004	80	-78.5	-163.2	-168.6	98.8	103.4	98.6	96.0	98.9
2005	85	-75.0	-156.0	-147.4	98.7	103.5	98.1	96.5	99.4
2006	97	-85.8	-171.9	-204.1	98.2	103.7	97.8	95.7	99.4
2007	77	-70.7	-145.8	-159.1	98.4	103.6	98.9	96.6	99.2
2008	91	-73.5	-135.6	-160.8	98.2	103.7	98.4	97.0	98.7
2009	123	-64.9	-138.3	-158.4	98.3	103.7	98.9	98.2	99.0
2010	98	-60.5	-136.7	-112.7	98.5	103.8	98.5	96.9	99.0
2011	113	-61.8	-146.8	-138.3	98.5	104.4	99.3	97.5	98.5
2012	137	-60.3	-148.8	-121.8	98.6	104.6	99.6	97.9	98.7
2013	95	-43.0	-126.2	-87.4	98.9	104.5	99.4	98.4	99.1
2014	124	-50.8	-142.0	-130.3	98.7	105.0	100.2	97.8	99.0
2015	122	-33.5	-112.0	-73.8	99.2	104.6	100.0	98.3	99.1
2016	86	-28.7	-103.2	-42.8	98.7	104.5	100.1	97.8	99.3
2017	27	-29.5	-109.4	-54.9	98.7	104.7	0.0	0.0	99.3

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
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2009	14	100.9	101.4	99.8	100.7	101.4	99.4	100.9
2010	12	99.8	100.4	99.2	99.8	100.2	98.4	101.2

Tabel: 206 Blaarkop - zwartbont: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1982	23	95.3	100.4	95.3	100.4	96.6	102.4
1983	27	96.3	101.2	96.3	101.2	97.3	103.1
1984	26	96.6	101.3	96.6	101.3	97.4	103.2
1985	31	96.1	101.0	96.1	101.0	97.0	103.2
1986	34	95.2	100.1	95.2	100.1	96.2	102.1
1987	29	95.8	100.7	95.8	100.7	96.6	103.0
1988	32	96.0	100.0	96.0	100.0	96.7	102.5
1989	37	96.4	99.6	96.4	99.6	97.0	102.5
1990	42	96.6	99.9	96.6	99.9	97.0	102.7
1991	39	97.2	99.8	97.2	99.8	97.5	102.9
1992	59	97.3	100.3	97.3	100.3	97.8	103.1
1993	85	96.7	100.5	96.7	100.5	97.6	103.0
1994	80	96.8	100.0	96.8	100.0	97.7	102.3
1995	100	96.9	100.2	96.9	100.2	97.8	102.9
1996	106	97.0	100.3	97.0	100.3	97.9	102.6
1997	70	96.3	100.2	96.3	100.2	97.4	102.3
1998	78	96.3	100.2	96.3	100.2	97.6	102.1
1999	109	96.5	100.3	96.5	100.3	97.7	102.1
2000	95	97.1	100.1	97.1	100.1	98.2	101.9
2001	111	97.2	100.5	97.2	100.5	98.2	102.3
2002	86	96.2	99.8	96.2	99.8	97.2	101.2
2003	103	96.7	100.4	96.7	100.4	97.3	102.0
2004	131	96.9	100.2	96.9	100.2	97.7	102.4
2005	139	97.4	100.4	97.4	100.4	98.3	102.8
2006	168	97.3	100.5	97.3	100.5	98.2	102.7
2007	145	97.0	99.2	97.0	99.2	98.0	101.3
2008	161	96.5	100.3	96.5	100.3	97.4	102.7
2009	190	96.7	100.6	96.7	100.6	97.6	102.6
2010	173	96.9	99.8	96.9	99.8	97.8	102.2
2011	186	96.3	100.2	96.3	100.2	97.2	102.4
2012	237	96.5	100.4	96.5	100.4	97.4	102.6
2013	175	97.0	100.6	97.0	100.6	97.9	103.0
2014	216	97.0	100.0	97.0	100.0	98.0	102.4
2015	223	97.2	100.5	97.2	100.5	98.3	102.9
2016	222	97.1	100.6	97.1	100.6	98.1	103.0
2017	220	97.1	94.8	97.1	94.8	98.2	97.0
2018	235	96.9	92.6	96.9	92.6	98.0	94.6
2019	121	97.2	93.3	97.2	93.3	98.3	95.2

Tabel: 207 Blaarkop - zwartbont: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	81	104.4	99.7	96.1	16.2	14.9	14.9
1981	64	104.4	100.2	95.9	26.8	24.7	24.4
1982	103	104.1	99.9	96.2	34.4	31.6	31.7
1983	166	103.7	99.8	96.8	42.3	39.4	39.6
1984	153	103.8	99.6	96.6	48.6	45.2	45.5

1985	97	103.6	99.3	96.6	67.4	62.2	62.9
1986	98	103.4	99.8	96.9	63.0	58.4	58.6
1987	41	103.0	99.7	97.3	74.3	68.3	68.9
1988	40	104.7	98.1	95.8	61.4	55.8	55.6
1989	39	104.7	98.2	95.6	70.6	64.0	63.8
1990	29	103.8	99.6	96.6	66.7	61.2	61.1
1991	28	104.1	100.3	96.2	39.8	36.9	37.1
1992	26	103.7	99.8	96.8	71.0	64.3	63.9
1993	31	103.2	100.2	96.8	78.2	71.3	73.1
1994	28	102.8	100.1	97.2	90.4	82.1	82.9
1995	20	104.3	98.6	95.9	80.6	74.9	75.0
1996	11	102.8	99.5	97.4	83.0	75.6	76.7
1997	21	102.0	100.0	98.4	67.5	62.1	62.0
1998	27	102.7	100.0	97.6	85.8	79.5	80.0
1999	35	102.3	100.7	98.0	86.6	80.4	80.4
2000	22	101.6	101.7	98.8	82.1	77.8	77.9
2001	36	102.2	101.7	98.1	92.0	87.8	86.9
2002	30	102.9	98.7	97.3	91.3	85.4	84.2
2003	36	103.8	101.5	96.5	96.9	92.1	94.4
2004	54	103.8	100.1	96.5	94.6	89.0	90.2
2005	65	104.3	98.6	96.0	99.7	92.5	92.3
2006	73	103.4	99.1	96.9	96.9	90.2	90.4
2007	82	103.7	98.4	96.5	95.1	88.4	87.5
2008	89	103.0	98.8	97.4	91.4	84.2	83.5
2009	122	103.0	98.7	97.5	90.7	83.5	82.8
2010	113	103.5	98.9	97.0	95.1	87.6	87.1
2011	120	102.8	99.1	97.5	94.9	87.0	86.6
2012	143	102.9	99.6	97.4	95.4	88.8	88.1
2013	90	103.4	99.6	96.9	92.5	86.5	87.5
2014	117	103.6	98.9	96.6	94.4	87.9	88.7
2015	104	102.9	99.7	97.3	86.8	81.2	82.3
2016	119	102.8	99.4	97.4	85.6	79.6	80.0
2017	72	102.3	101.0	97.8	93.9	86.9	88.8
2018	109	102.8	100.5	97.5	79.6	73.4	75.3
2019	59	103.4	100.4	96.9	80.8	74.2	75.2

Tabel: 208 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	105.9	111.4	92.2	98.1	116.0	93.4	103.6	96.5	115.1	93.0	99.8
1981	39	106.0	112.0	92.5	98.4	116.4	93.7	103.8	96.5	114.8	92.9	98.6
1982	53	106.4	110.9	92.4	98.8	115.9	93.3	104.5	96.5	115.2	93.3	100.2
1983	67	105.2	110.4	93.9	97.9	114.4	94.5	102.9	96.9	114.6	95.5	99.2
1984	67	103.7	109.4	95.0	98.1	111.9	95.3	102.3	96.7	112.0	94.2	95.6
1985	65	104.1	109.2	94.4	97.8	112.2	94.6	102.5	96.9	112.4	93.4	95.8
1986	54	104.7	108.8	93.4	98.1	112.6	93.9	103.3	97.0	112.3	92.7	97.1
1987	40	105.4	109.2	93.4	97.7	114.0	93.5	103.6	97.3	112.8	92.2	97.7
1988	43	104.8	108.5	93.8	97.6	113.2	93.8	103.3	96.8	112.5	92.4	97.6
1989	51	103.8	109.3	93.6	97.7	112.0	94.6	101.9	97.7	112.1	93.1	96.5
1990	48	103.5	108.8	94.7	97.1	112.0	95.0	101.5	97.5	112.2	93.3	96.2
1991	48	103.2	108.8	93.9	97.2	111.3	94.6	101.2	97.8	112.0	93.2	96.0
1992	67	101.7	108.2	94.3	96.9	109.6	95.9	99.3	98.3	111.0	93.7	95.2
1993	83	102.5	107.2	94.4	96.7	109.8	94.8	100.7	98.1	110.6	93.4	94.9
1994	68	102.6	108.1	94.5	96.9	110.8	95.0	100.5	98.3	111.2	93.5	95.6
1995	69	102.3	107.9	95.4	96.7	109.9	95.6	100.2	98.3	110.9	94.3	95.3
1996	89	102.0	107.6	95.0	97.0	109.4	95.4	100.1	98.0	110.5	93.9	95.2
1997	70	102.4	107.8	94.6	97.8	109.4	95.6	100.7	97.8	110.4	93.7	96.1
1998	70	102.0	107.9	94.6	98.0	108.9	95.4	100.2	98.0	110.3	94.0	95.6
1999	94	101.7	108.0	93.6	98.2	108.4	95.5	100.1	98.0	109.9	93.5	95.4

2000	76	100.9	107.4	94.2	97.6	107.6	95.9	99.5	97.7	109.5	93.9	94.8
2001	88	101.6	108.4	94.5	97.9	108.7	95.5	99.9	97.7	110.5	94.0	95.3
2002	71	100.6	105.7	95.9	96.7	106.7	96.6	98.9	98.5	108.3	94.8	94.0
2003	85	99.8	106.1	96.0	96.4	106.5	97.0	98.2	97.7	108.9	95.0	93.9
2004	117	100.1	106.6	95.3	96.8	107.1	96.5	98.7	97.1	109.1	94.5	94.2
2005	112	100.1	105.8	95.9	96.4	106.4	96.4	98.8	97.6	108.4	94.6	93.9
2006	113	99.6	106.0	96.3	96.3	106.5	96.8	98.4	96.9	108.6	94.8	94.0
2007	96	100.3	106.3	95.9	96.8	106.8	96.5	98.9	97.5	108.9	94.6	94.5
2008	111	99.9	105.9	95.4	97.2	106.0	97.1	98.7	97.5	108.4	94.9	94.4
2009	109	100.0	105.5	95.8	97.2	105.7	97.1	98.6	97.9	108.2	95.1	94.6
2010	77	99.8	105.6	95.3	96.9	105.8	97.1	98.2	98.1	108.3	94.7	94.2
2011	73	100.3	106.3	95.5	97.2	106.2	97.0	98.6	98.4	108.9	94.7	94.6
2012	64	100.2	105.6	95.8	97.3	105.5	97.4	98.9	98.1	108.2	95.4	94.7
2013	41	100.4	105.7	95.5	97.4	105.5	97.2	98.7	98.9	108.2	94.5	95.0
2014	41	100.5	106.0	95.9	97.2	106.1	97.2	99.0	98.1	108.0	95.4	94.3
2015	31	100.5	105.6	96.2	98.5	105.2	97.7	99.1	98.7	107.6	95.4	96.1
2016	30	100.0	104.9	95.8	97.8	104.8	97.4	98.6	98.3	107.3	95.1	95.2

Tabel: 209 Blaarkop - zwartbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	24	98.8	94.3	98.0
1983	29	97.7	93.1	97.3
1984	24	96.1	91.8	97.0
1985	31	97.1	92.6	97.7
1986	34	97.9	93.4	98.0
1987	27	98.3	93.9	98.6
1988	28	98.1	93.6	98.5
1989	28	97.2	92.8	98.0
1990	38	96.4	91.8	97.8
1991	30	95.8	91.3	97.3
1992	55	95.8	91.3	97.2
1993	91	97.2	92.6	98.4
1994	105	96.2	91.6	97.9
1995	109	96.2	91.7	97.7
1996	110	96.1	91.7	97.6
1997	81	96.4	91.9	97.9
1998	80	96.5	91.8	97.7
1999	120	97.3	92.5	98.3
2000	111	96.5	91.6	97.9
2001	124	96.0	91.0	97.5
2002	92	95.2	90.0	96.6
2003	123	96.5	91.4	97.8
2004	158	96.1	91.0	97.9
2005	162	95.1	89.8	97.3
2006	203	94.9	89.6	97.2
2007	173	94.6	89.2	97.3
2008	187	94.7	89.3	97.3
2009	222	94.9	89.5	97.4
2010	187	94.6	89.1	97.2
2011	216	94.5	89.2	97.1
2012	261	95.3	90.0	97.5
2013	186	95.5	90.6	98.0
2014	234	95.8	90.8	98.3
2015	260	96.4	91.5	98.3
2016	250	96.7	91.7	98.6
2017	242	96.8	91.7	98.6
2018	275	96.7	91.6	98.8
2019	107	96.4	91.3	98.5

Tabel: 210 Blaarkop - zwartbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	68	-2218.1	-8023.1	-388.4	-315.6
2002	58	-2510.4	-9001.4	-444.5	-354.6
2003	69	-1974.3	-6958.1	-342.8	-282.8
2004	77	-1968.2	-6793.9	-346.1	-280.4
2005	85	-1826.5	-6202.4	-324.9	-258.8
2006	97	-2184.0	-7555.2	-386.6	-309.9
2007	77	-1867.9	-6243.2	-335.9	-262.8
2008	92	-1825.4	-6074.4	-327.2	-257.6
2009	123	-1824.5	-6135.7	-328.9	-256.4
2010	98	-1544.6	-4974.6	-280.0	-217.1
2011	113	-1735.6	-5732.3	-309.6	-246.0
2012	137	-1637.7	-5401.1	-296.0	-230.1
2013	96	-1367.6	-4231.7	-246.8	-193.2
2014	126	-1670.5	-5524.3	-299.7	-235.8
2015	124	-1244.4	-3787.1	-222.2	-177.3
2016	90	-1019.6	-2813.2	-186.9	-143.8
2017	27	-1130.7	-3252.0	-199.3	-163.0

Tabel: 211 Blaarkop - zwartbont: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
2012	11	96.2	101.0	104.1
2014	10	97.8	104.2	104.6

Tabel: 212 Blaarkop - zwartbont: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	71	98.6	101.1	0	0.0	0	0.0
1981	76	99.0	100.7	0	0.0	0	0.0
1982	103	97.9	99.8	0	0.0	0	0.0
1983	123	98.8	100.1	0	0.0	0	0.0
1984	161	98.7	100.5	0	0.0	0	0.0
1985	170	98.6	100.5	247	-4.1	0	0.0
1986	128	98.6	100.0	161	-3.8	0	0.0
1987	112	97.5	99.7	121	-3.9	0	0.0
1988	104	97.3	99.8	111	-4.0	0	0.0
1989	105	97.0	98.8	105	-3.8	0	0.0
1990	95	98.1	99.5	95	-4.0	0	0.0
1991	79	97.6	98.7	79	-4.1	0	0.0
1992	73	98.2	99.3	77	-3.6	0	0.0
1993	88	96.7	99.2	89	-3.6	0	0.0
1994	69	97.1	99.3	69	-3.5	0	0.0
1995	69	98.2	100.4	69	-3.2	0	0.0
1996	68	97.4	99.4	68	-3.2	0	0.0
1997	53	98.3	99.3	53	-2.8	0	0.0

1998	61	97.8	99.4	61	-2.5	0	0.0
1999	72	97.6	98.7	72	-2.6	0	0.0
2000	53	97.8	98.1	53	-2.6	0	0.0
2001	68	99.3	99.7	68	-2.6	22	92.4
2002	58	98.5	98.7	58	-2.5	19	92.5
2003	69	100.0	100.3	69	-2.6	22	91.3
2004	80	98.9	99.7	80	-2.3	24	91.5
2005	85	98.8	99.3	85	-2.2	29	91.5
2006	97	98.6	99.2	97	-2.2	28	92.1
2007	77	98.8	99.2	78	-2.0	38	92.4
2008	91	98.6	99.0	91	-2.0	31	91.8
2009	123	99.5	99.1	123	-1.8	39	92.8
2010	98	98.5	99.4	98	-1.9	36	91.5
2011	113	98.6	99.4	113	-1.9	35	93.6
2012	137	97.8	99.5	137	-1.9	38	94.3
2013	95	98.5	99.1	95	-1.7	31	93.6
2014	124	98.6	99.2	125	-1.8	39	93.0
2015	122	99.0	99.5	122	-1.5	32	95.3
2016	86	98.7	99.6	88	-1.5	30	94.7
2017	27	99.3	99.0	27	-1.3	0	0.0

Tabel: 213 Verbeterd Roodbont: Melkproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	78	-1143.5	-49.8	-46.4	-61.8	2.1	-7.9	-17.5	-313.4
1981	61	-1214.6	-51.2	-48.0	-65.1	5.8	-5.8	-17.8	-323.8
1982	118	-1264.2	-53.0	-48.7	-67.3	6.5	-4.1	-17.8	-331.3
1983	116	-1273.2	-53.1	-49.4	-67.7	7.1	-4.6	-17.8	-334.5
1984	132	-1288.4	-55.0	-50.8	-68.4	5.2	-6.0	-17.8	-344.1
1985	114	-1306.5	-55.1	-50.7	-69.2	6.2	-4.5	-17.8	-344.3
1986	144	-1254.3	-51.4	-48.4	-66.8	9.1	-3.8	-17.7	-326.7
1987	201	-1180.4	-47.2	-46.0	-63.5	10.9	-4.3	-17.6	-306.6
1988	184	-1279.4	-53.4	-49.6	-68.0	7.3	-4.2	-17.8	-336.1
1989	176	-1207.3	-49.4	-45.6	-64.7	8.7	-1.8	-17.6	-310.2
1990	177	-1250.9	-52.5	-46.9	-66.7	6.8	-1.1	-17.7	-322.9
1991	160	-1257.5	-52.5	-47.9	-67.0	7.2	-2.5	-17.8	-326.6
1992	173	-1143.3	-45.4	-44.0	-61.8	10.9	-3.2	-17.5	-294.1
1993	165	-1178.8	-47.3	-44.5	-63.4	10.5	-1.5	-17.6	-300.8
1994	158	-973.1	-39.7	-38.8	-54.0	7.5	-4.7	-17.1	-258.5
1995	162	-1015.1	-40.2	-40.6	-55.9	9.9	-5.4	-17.1	-267.8
1996	132	-894.8	-35.2	-35.7	-50.4	8.9	-4.5	-16.9	-235.3
1997	159	-788.8	-33.3	-31.7	-45.6	4.0	-4.1	-16.7	-213.7
1998	205	-738.5	-28.4	-29.7	-43.3	8.5	-3.9	-16.5	-194.4
1999	196	-771.3	-30.4	-30.1	-44.8	7.5	-2.4	-16.6	-200.8
2000	222	-696.1	-29.6	-29.3	-41.0	3.0	-5.6	-15.8	-194.6
2001	201	-671.8	-30.1	-28.4	-37.4	0.4	-5.6	-11.2	-190.7
2002	190	-628.1	-28.5	-27.6	-35.6	-0.3	-7.0	-11.4	-183.5
2003	186	-628.4	-26.3	-26.7	-36.4	3.7	-5.5	-12.8	-175.6
2004	180	-458.1	-23.7	-21.8	-29.4	-4.9	-7.7	-13.9	-147.9
2005	155	-412.3	-21.3	-20.9	-28.6	-4.4	-9.0	-16.1	-138.8
2006	187	-333.0	-19.8	-17.6	-25.5	-7.4	-8.5	-16.7	-121.6
2007	182	-315.6	-17.9	-17.3	-24.1	-5.6	-8.9	-15.7	-115.7
2008	161	-368.1	-20.3	-18.0	-26.8	-5.4	-6.5	-16.1	-124.3
2009	185	-207.0	-12.9	-13.4	-19.9	-5.2	-8.8	-16.6	-88.0
2010	157	-276.2	-15.6	-14.9	-23.0	-4.6	-7.2	-16.7	-100.6
2011	182	-285.1	-18.0	-15.5	-23.8	-8.0	-7.6	-17.4	-108.3
2012	183	-277.4	-17.3	-14.9	-23.2	-7.3	-6.9	-16.9	-104.4
2013	218	-322.4	-17.6	-15.1	-25.9	-4.8	-4.7	-18.2	-106.7
2014	186	-374.4	-18.7	-17.0	-28.4	-2.7	-4.6	-18.5	-117.5

2015	166	-324.7	-15.5	-15.1	-26.3	-1.3	-4.7	-18.7	-102.3
2016	118	-301.1	-17.3	-14.8	-26.0	-5.7	-5.4	-20.0	-104.8
2017	38	-354.0	-16.5	-14.8	-27.9	-0.8	-2.7	-19.4	-103.7

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

Tabel: 214 Verbeterd Roodbont: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	418	88.9	93.0	90.6	94.6	97.1	91.7	96.7
1981	340	89.0	92.8	90.4	94.7	97.3	91.6	96.6
1982	331	89.2	92.7	90.7	95.0	97.3	91.9	96.3
1983	224	89.0	92.9	90.4	94.6	97.9	91.3	96.7
1984	169	89.0	92.9	90.2	94.5	98.0	91.0	96.5
1985	111	88.7	93.0	90.3	94.5	98.7	91.2	96.5
1986	100	89.7	92.8	90.3	95.0	98.4	91.2	96.9
1987	105	89.8	92.9	90.7	95.6	98.2	91.3	97.5
1988	78	89.9	92.5	90.6	95.5	98.0	91.6	97.0
1989	74	90.7	92.5	90.9	96.2	97.9	91.7	98.0
1990	67	89.9	91.6	90.1	95.5	98.1	91.5	97.4
1991	59	90.4	92.7	91.0	96.2	98.9	92.1	97.5
1992	72	90.7	92.7	91.0	96.4	98.7	92.1	97.3
1993	75	91.1	92.8	91.6	97.0	98.6	92.2	97.5
1994	68	91.6	93.7	92.4	97.5	99.0	92.8	98.1
1995	75	91.0	93.3	91.4	96.7	99.1	91.8	97.4
1996	62	92.1	93.4	92.6	97.6	99.1	92.3	97.7
1997	64	93.0	93.9	92.8	98.0	99.3	91.9	97.8
1998	91	92.8	93.6	93.1	98.4	98.6	92.5	98.0
1999	70	93.8	94.0	93.7	98.8	99.0	92.6	98.7
2000	80	93.5	94.0	93.6	98.5	98.9	92.0	98.4
2001	81	93.3	93.8	93.4	98.6	98.5	91.3	98.7
2002	58	93.6	94.1	93.8	98.6	99.2	92.1	99.4
2003	67	94.0	94.3	93.9	98.7	99.4	92.2	98.6
2004	51	93.1	94.1	93.7	98.6	99.2	92.4	98.7
2005	50	94.0	93.6	93.9	98.9	98.5	91.9	99.8
2006	74	94.2	94.0	94.2	99.1	98.5	92.4	99.5
2007	68	94.2	94.5	94.5	99.1	98.9	92.6	99.9
2008	51	94.4	94.8	94.4	99.1	99.5	93.5	100.0
2009	60	95.6	94.9	95.4	100.5	98.0	92.8	101.1
2010	62	94.9	94.2	94.8	100.0	97.9	92.5	100.8
2011	64	94.6	94.6	94.7	99.6	98.6	92.5	100.8
2012	51	94.0	95.0	94.6	99.4	99.4	92.7	100.4
2013	56	95.5	94.7	95.3	100.3	98.6	92.6	101.2
2014	63	95.0	95.2	95.1	99.9	98.9	92.5	101.2
2015	60	95.3	94.9	95.0	99.6	99.2	92.8	100.1
2016	40	94.0	94.5	93.9	98.8	99.7	92.5	100.2

Tabel: 215 Verbeterd Roodbont: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	418	95.0	95.5	88.7	93.2
1981	340	95.4	95.3	89.3	93.4
1982	331	95.6	95.3	90.0	93.5
1983	224	95.7	95.4	90.4	93.6
1984	169	95.9	95.5	90.2	93.9

1985	111	96.1	95.8	91.0	93.9
1986	100	96.6	95.4	92.1	93.9
1987	105	96.6	94.7	92.0	93.8
1988	78	97.6	94.9	93.0	94.8
1989	74	97.6	95.4	93.4	94.5
1990	67	98.0	94.5	94.6	94.7
1991	59	98.5	95.0	94.8	95.4
1992	72	98.9	95.0	94.3	95.6
1993	75	99.2	96.3	94.8	95.9
1994	68	98.9	96.6	96.2	95.8
1995	75	98.9	96.0	96.0	95.9
1996	62	99.9	95.8	96.2	96.6
1997	64	100.4	95.9	97.1	97.2
1998	91	99.5	97.2	95.9	96.3
1999	70	100.9	96.4	97.0	97.2
2000	80	101.3	96.1	97.9	97.6
2001	81	101.0	96.9	96.9	97.2
2002	58	101.1	97.0	97.1	97.2
2003	67	101.4	96.5	97.5	97.7
2004	51	100.8	96.5	97.2	97.5
2005	50	100.9	98.0	96.7	97.1
2006	74	100.9	97.8	97.2	97.4
2007	68	101.6	97.2	97.8	98.0
2008	51	101.4	97.1	97.9	98.0
2009	60	101.0	97.2	97.1	98.0
2010	62	101.3	98.1	96.6	98.3
2011	64	101.5	96.7	97.6	98.6
2012	51	101.3	97.1	97.5	98.3
2013	56	101.8	97.8	97.0	98.6
2014	63	101.2	98.0	97.1	98.2
2015	60	101.1	97.3	97.2	98.2
2016	40	101.6	97.5	97.2	98.6

Tabel: 216 Verbeterd Roodbont: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	418	99.3	92.5	101.3	99.7	94.5	96.1	93.0
1981	340	100.0	92.9	101.3	100.0	94.7	96.1	93.0
1982	331	100.3	93.5	101.0	100.3	95.2	96.2	93.6
1983	224	99.9	93.5	100.9	100.0	94.7	96.3	93.7
1984	169	100.2	92.9	100.7	100.3	94.4	96.3	93.4
1985	111	100.0	93.2	100.9	100.1	94.4	96.4	93.8
1986	100	100.4	93.7	101.5	100.2	94.7	96.4	94.0
1987	105	100.9	94.0	101.6	100.6	95.4	95.9	93.6
1988	78	100.9	94.1	101.3	100.5	95.1	96.2	94.0
1989	74	101.5	94.5	101.9	100.9	94.8	95.8	93.8
1990	67	101.9	94.3	101.7	101.2	94.7	96.1	94.2
1991	59	102.1	94.9	101.6	101.1	94.5	96.4	94.7
1992	72	101.7	94.6	101.8	100.7	94.5	95.4	93.8
1993	75	101.7	95.4	101.1	100.4	94.2	95.4	94.2
1994	68	102.0	95.5	101.5	100.7	94.8	94.7	93.7
1995	75	101.9	95.1	101.0	101.3	94.1	95.3	94.0
1996	62	103.0	95.9	101.2	101.5	95.0	96.2	94.9
1997	64	101.9	95.9	101.8	101.1	95.3	96.0	94.9
1998	91	101.7	96.1	101.5	100.3	94.7	95.9	95.0
1999	70	102.3	96.3	101.9	100.7	94.8	95.7	94.9
2000	80	102.0	97.0	101.4	101.0	95.2	95.6	94.8
2001	81	101.6	96.5	102.3	100.5	95.1	95.0	94.6
2002	58	102.2	96.9	101.7	100.7	95.1	95.6	95.0

2003	67	102.7	97.5	101.8	101.1	95.4	96.2	95.9
2004	51	103.2	97.6	101.6	101.3	95.9	96.5	96.0
2005	50	102.8	97.1	102.5	100.7	96.3	96.5	95.9
2006	74	102.1	97.4	103.9	99.7	95.2	95.0	94.6
2007	68	102.3	97.3	102.6	100.4	95.6	95.4	95.1
2008	51	102.7	96.8	103.6	100.2	95.4	94.5	94.3
2009	60	102.0	97.2	102.7	99.6	95.9	94.6	94.5
2010	62	101.8	96.4	103.0	99.5	95.4	94.0	93.6
2011	64	102.3	97.1	102.8	100.2	96.2	95.1	94.5
2012	51	102.7	97.2	103.4	100.0	95.1	94.5	94.1
2013	56	102.9	97.4	103.7	100.2	96.0	95.5	95.0
2014	63	103.0	97.4	103.8	100.6	95.9	95.3	95.0
2015	60	103.7	97.3	103.3	101.7	96.5	95.7	95.2
2016	40	103.8	97.5	103.3	101.8	95.4	95.5	94.9

Tabel: 217 Verbeterd Roodbont: Exterieurkenmerken bovenbalk

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	418	88.4	91.4	97.5	90.2	101.7	88.7
1981	340	88.1	91.3	98.0	90.5	101.7	89.0
1982	331	88.2	91.6	98.5	90.6	101.4	89.4
1983	224	88.1	91.8	98.0	90.8	101.6	89.3
1984	169	87.7	91.6	98.1	91.2	101.7	89.3
1985	111	88.0	92.1	97.9	91.5	101.9	89.6
1986	100	88.0	92.3	98.2	91.6	100.7	89.8
1987	105	88.6	92.8	98.7	91.3	100.7	90.2
1988	78	88.4	92.4	98.6	92.3	100.3	90.6
1989	74	89.1	93.0	98.8	92.3	99.7	90.9
1990	67	88.0	91.8	98.9	92.4	99.4	90.6
1991	59	89.1	93.7	98.9	93.3	100.1	91.7
1992	72	89.0	93.4	98.7	93.4	99.8	91.5
1993	75	89.4	94.2	98.4	94.4	98.9	92.1
1994	68	90.5	95.5	98.6	94.6	99.6	92.8
1995	75	89.2	94.6	98.8	94.4	99.5	92.4
1996	62	90.0	95.5	99.7	95.1	99.5	93.6
1997	64	90.2	96.2	99.2	95.9	99.3	93.9
1998	91	90.6	96.0	98.5	95.2	98.7	93.3
1999	70	91.2	97.1	99.0	96.3	99.1	94.4
2000	80	90.8	96.7	99.0	96.7	99.0	94.5
2001	81	90.5	96.4	98.6	96.4	98.7	94.0
2002	58	91.3	97.3	99.0	96.4	99.2	94.6
2003	67	91.2	97.3	99.4	96.8	99.4	95.0
2004	51	91.2	97.1	100.0	96.4	99.3	95.0
2005	50	91.4	96.9	99.7	96.3	98.7	94.8
2006	74	91.7	97.1	98.5	96.6	98.8	94.5
2007	68	92.4	97.8	99.0	97.4	99.5	95.5
2008	51	92.8	98.2	98.8	97.3	99.5	95.5
2009	60	93.4	98.7	98.7	97.2	98.7	95.7
2010	62	92.6	97.8	98.3	97.7	98.4	95.3
2011	64	92.7	98.1	99.2	97.6	99.1	95.8
2012	51	92.7	98.5	98.8	97.4	99.2	95.6
2013	56	93.2	98.9	99.3	97.9	98.8	96.3
2014	63	93.1	98.8	99.4	97.4	99.6	96.2
2015	60	92.7	98.6	100.4	97.3	99.6	96.4
2016	40	92.2	98.0	100.0	98.0	99.7	96.3

Tabel: 218 Verbeterd Roodbont: Vruchtbaarheidskenmerken

Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	766	104.4	102.4	103.3	104.5	103.8	102.6	94.1	104.2
1981	657	104.2	102.3	103.1	104.4	103.6	102.4	94.0	104.0
1982	602	104.8	102.1	103.4	104.5	104.2	102.7	93.5	104.2
1983	438	104.9	101.9	103.3	104.5	104.2	103.1	93.3	104.2
1984	388	105.0	101.8	103.2	104.4	104.0	102.7	93.9	104.0
1985	283	105.0	101.5	103.0	104.2	104.2	103.2	93.4	103.9
1986	293	105.4	101.2	103.3	104.1	104.6	103.0	92.9	104.0
1987	301	105.7	100.8	103.4	104.0	104.8	103.0	93.0	103.9
1988	242	105.5	101.2	103.4	104.2	104.8	102.8	92.4	104.1
1989	214	105.9	100.9	103.7	104.1	105.1	103.0	92.7	104.1
1990	208	105.8	100.9	103.7	104.1	105.2	103.2	92.4	104.1
1991	216	105.7	101.2	103.9	104.4	105.4	103.3	92.9	104.4
1992	239	105.5	101.1	103.7	104.2	105.3	103.5	93.1	104.2
1993	220	105.4	101.3	103.8	104.3	105.4	103.6	93.3	104.3
1994	250	104.9	101.0	103.3	103.7	104.8	103.3	94.0	103.7
1995	230	105.0	101.1	103.6	104.0	105.0	103.1	93.6	104.0
1996	224	104.9	101.2	103.6	103.9	105.0	103.0	93.5	104.0
1997	272	104.6	100.9	103.2	103.6	104.6	102.9	94.4	103.6
1998	299	104.3	100.8	103.1	103.5	104.5	102.9	94.4	103.5
1999	287	103.8	101.2	102.9	103.6	104.3	102.5	94.1	103.5
2000	340	104.4	100.8	103.2	103.5	104.8	103.1	94.3	103.6
2001	292	104.0	100.9	103.0	103.5	104.5	102.9	94.2	103.5
2002	278	104.5	100.8	103.3	103.6	105.1	103.2	94.3	103.7
2003	267	103.9	100.9	102.9	103.5	104.5	102.6	94.5	103.4
2004	268	103.2	101.1	102.6	103.5	104.1	102.2	95.2	103.2
2005	218	104.4	100.6	103.1	103.5	105.0	103.1	94.7	103.5
2006	236	104.9	100.7	103.6	103.9	105.6	103.4	95.0	103.9
2007	253	104.6	100.5	103.3	103.4	105.2	103.2	94.9	103.6
2008	212	104.2	100.6	103.1	103.4	104.8	103.1	95.3	103.5
2009	241	104.0	100.6	103.0	103.3	104.7	103.2	95.9	103.4
2010	213	104.2	101.0	103.5	103.8	105.1	103.5	95.9	103.9
2011	215	104.4	101.0	103.6	103.9	105.4	103.7	95.8	104.0
2012	221	104.3	101.5	103.9	104.3	105.5	103.7	95.7	104.3
2013	262	104.4	101.7	104.2	104.6	105.8	103.8	95.7	104.6
2014	222	104.3	101.9	104.2	104.8	105.8	103.7	96.0	104.7
2015	226	104.1	101.7	103.9	104.6	105.5	103.5	96.1	104.5
2016	178	103.8	101.6	103.7	104.3	105.2	103.3	96.6	104.3
2017	88	103.9	101.6	103.9	104.5	105.5	103.6	96.6	104.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	21	97.8	73.5	97.3	102.0	103.5
1981	18	97.3	69.8	97.8	101.6	102.9
1982	31	99.1	56.9	95.8	101.1	102.4
1983	33	99.6	56.2	96.6	101.1	102.1
1984	22	99.3	53.3	97.2	101.5	102.4
1985	24	99.2	77.5	96.8	101.3	102.0
1986	20	100.4	68.9	96.3	100.9	101.6
1987	25	100.8	71.5	95.5	100.0	100.5
1988	30	100.4	82.3	95.3	99.7	100.4
1989	27	100.4	73.1	95.6	99.8	100.6
1990	30	100.3	99.0	96.2	100.0	101.5
1991	27	99.6	95.5	94.8	99.2	100.7

1992	69	100.1	97.2	95.3	99.4	100.7
1993	74	100.0	97.5	95.3	99.0	100.8
1994	64	98.9	97.3	95.8	98.9	100.9
1995	72	99.6	96.8	95.5	98.7	100.4
1996	60	100.0	95.7	95.9	99.4	100.9
1997	59	99.8	94.9	95.7	98.9	100.2
1998	89	99.2	96.4	95.3	98.2	100.0
1999	63	98.9	98.4	95.4	98.1	99.9
2000	81	98.9	96.4	94.9	97.5	99.6
2001	79	98.3	97.8	94.9	97.6	99.6
2002	59	98.7	96.1	94.5	97.1	99.1
2003	68	98.6	97.3	95.5	97.8	99.4
2004	49	98.6	93.5	95.1	97.3	99.2
2005	48	98.3	96.0	94.7	96.9	98.5
2006	70	97.7	95.8	94.7	96.9	98.2
2007	68	97.8	94.4	94.8	96.6	98.2
2008	51	97.7	97.7	95.0	96.9	98.0
2009	56	97.8	97.4	94.9	96.4	97.4
2010	61	97.3	95.5	95.1	96.7	97.6
2011	61	98.0	97.7	94.9	96.6	98.0
2012	50	98.2	97.3	95.5	96.8	98.3
2013	51	98.9	98.0	95.0	96.6	98.0
2014	51	98.4	97.8	95.5	97.2	98.4
2015	54	98.1	97.6	95.8	97.4	98.8
2016	31	98.4	98.3	96.2	97.9	99.2

Tabel: 220 Verbeterd Roodbont: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	76	-133.1	-313.4	-192.1	103.3	104.2	97.5	90.2	99.6
1981	60	-141.0	-323.8	-193.6	102.6	104.0	98.0	90.5	100.1
1982	117	-138.5	-331.3	-170.1	102.0	104.2	98.5	90.6	99.0
1983	116	-142.6	-334.5	-179.9	101.9	104.2	98.0	90.8	99.9
1984	132	-157.1	-344.1	-304.9	102.3	104.0	98.1	91.2	100.3
1985	114	-157.7	-344.3	-342.3	101.9	103.9	97.9	91.5	100.2
1986	144	-153.1	-326.7	-409.3	101.5	104.0	98.2	91.6	99.2
1987	201	-151.1	-306.6	-412.4	100.3	103.9	98.7	91.3	98.9
1988	184	-163.2	-336.1	-466.9	100.2	104.1	98.6	92.3	99.2
1989	175	-150.6	-310.2	-471.3	100.3	104.1	98.8	92.3	99.4
1990	177	-148.4	-322.9	-449.8	101.0	104.1	98.9	92.4	99.8
1991	160	-152.2	-326.6	-474.6	100.0	104.4	98.9	93.3	99.5
1992	173	-141.9	-294.1	-412.2	100.2	104.2	98.7	93.4	99.4
1993	165	-146.9	-300.8	-427.7	100.1	104.3	98.4	94.4	99.1
1994	157	-128.0	-258.5	-384.4	100.0	103.7	98.6	94.6	98.6
1995	162	-125.0	-267.8	-361.9	99.7	104.0	98.8	94.4	98.3
1996	132	-95.3	-235.3	-293.2	100.3	104.0	99.7	95.1	98.4
1997	159	-96.1	-213.7	-264.2	99.6	103.6	99.2	95.9	98.8
1998	205	-98.6	-194.4	-288.2	99.2	103.5	98.5	95.2	98.0
1999	196	-99.8	-200.8	-291.8	99.0	103.5	99.0	96.3	98.0
2000	222	-100.6	-194.6	-296.6	98.6	103.6	99.0	96.7	98.2
2001	201	-98.0	-190.7	-269.7	98.6	103.5	98.6	96.4	98.2
2002	190	-100.9	-183.5	-291.0	98.0	103.7	99.0	96.4	98.0
2003	186	-87.3	-175.6	-250.4	98.6	103.4	99.4	96.8	98.1
2004	180	-80.2	-147.9	-240.7	98.2	103.2	100.0	96.4	97.8
2005	155	-84.0	-138.8	-234.2	97.6	103.5	99.7	96.3	98.0
2006	187	-77.2	-121.6	-222.1	97.4	103.9	98.5	96.6	98.2
2007	182	-73.9	-115.7	-207.5	97.2	103.6	99.0	97.4	98.5
2008	161	-82.8	-124.3	-207.8	97.2	103.5	98.8	97.3	98.1
2009	185	-74.7	-88.0	-212.4	96.6	103.4	98.7	97.2	98.4

2010	157	-74.3	-100.6	-193.0	96.8	103.9	98.3	97.7	98.1
2011	182	-67.8	-108.3	-180.3	97.1	104.0	99.2	97.6	97.9
2012	183	-57.3	-104.4	-171.1	97.4	104.3	98.8	97.4	98.2
2013	218	-59.6	-106.7	-199.5	97.1	104.6	99.3	97.9	98.0
2014	186	-58.8	-117.5	-197.4	97.7	104.7	99.4	97.4	98.2
2015	166	-44.4	-102.3	-162.3	98.0	104.5	100.4	97.3	98.6
2016	118	-38.3	-104.8	-108.3	98.5	104.3	100.0	98.0	98.9
2017	38	-29.2	-103.7	-74.4	98.1	104.4	100.0	98.3	99.2

Tabel: 221 Verbeterd Roodbont: Klauwgezondheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1998	18	98.3	98.2	98.2	100.4	98.8	97.1	100.5
1999	11	98.4	98.3	97.8	100.8	98.5	97.5	100.5
2000	21	97.9	97.6	97.7	100.3	98.5	96.8	100.7
2001	27	98.0	97.4	98.1	100.5	98.3	97.0	100.4
2002	22	97.5	97.5	98.1	99.6	97.9	96.6	100.8
2003	24	98.7	98.5	98.2	99.9	99.8	97.3	101.6
2004	24	97.9	97.4	98.5	99.9	98.2	97.0	100.8
2005	21	98.5	98.4	98.8	99.6	99.2	97.1	101.1
2006	42	97.8	98.5	97.7	99.3	99.2	96.4	101.2
2007	37	98.5	98.8	98.0	100.0	99.3	97.2	101.1
2008	31	97.8	98.7	97.5	99.2	99.6	96.3	101.2
2009	30	98.6	99.0	98.7	99.4	98.9	96.8	100.7
2010	37	98.9	99.2	98.6	99.9	99.5	97.7	100.9
2011	27	99.0	99.7	98.5	99.9	100.1	97.6	101.2
2012	17	99.3	100.1	98.7	99.5	100.5	97.8	101.4
2013	13	97.9	98.7	98.1	99.5	98.8	96.4	100.8
2014	16	98.6	98.7	98.7	99.7	99.6	97.2	100.9

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	21	95.2	100.3	95.2	100.3	96.1	102.3
1983	18	96.1	101.4	96.1	101.4	97.1	103.1
1984	15	97.0	100.5	97.0	100.5	97.3	102.9
1985	11	95.8	101.4	95.8	101.4	96.6	103.0
1986	30	95.4	100.4	95.4	100.4	96.3	102.2
1987	53	95.4	100.2	95.4	100.2	96.3	102.4
1988	64	96.0	100.2	96.0	100.2	96.8	102.5
1989	64	96.4	100.1	96.4	100.1	96.8	102.6
1990	79	97.6	100.3	97.6	100.3	98.0	103.3
1991	95	97.0	100.2	97.0	100.2	97.5	103.1
1992	125	96.9	100.5	96.9	100.5	97.4	103.1
1993	162	96.9	100.4	96.9	100.4	97.6	102.8
1994	200	96.8	99.8	96.8	99.8	97.8	102.0
1995	210	96.8	99.6	96.8	99.6	97.5	102.2
1996	194	96.7	99.4	96.7	99.4	97.6	101.8
1997	240	96.8	100.1	96.8	100.1	97.8	102.5
1998	327	96.1	99.7	96.1	99.7	97.2	101.6
1999	325	96.1	99.4	96.1	99.4	97.3	101.1
2000	369	96.4	99.5	96.4	99.5	97.6	101.0
2001	344	96.4	99.8	96.4	99.8	97.7	101.1
2002	366	96.2	99.7	96.2	99.7	97.5	101.0

2003	380	95.8	100.1	95.8	100.1	97.2	101.3
2004	355	95.4	100.0	95.4	100.0	97.1	101.3
2005	310	95.9	99.9	95.9	99.9	97.3	101.5
2006	328	96.1	99.9	96.1	99.9	97.4	101.7
2007	316	96.3	100.1	96.3	100.1	97.6	101.8
2008	275	96.5	99.6	96.5	99.6	97.9	101.2
2009	320	96.4	99.6	96.4	99.6	97.7	101.1
2010	304	96.4	99.6	96.4	99.6	97.6	101.1
2011	298	96.2	99.4	96.2	99.4	97.4	101.0
2012	296	96.7	99.5	96.7	99.5	97.8	101.4
2013	332	96.7	99.3	96.7	99.3	97.7	101.1
2014	315	97.1	99.3	97.1	99.3	98.1	101.3
2015	331	97.1	99.8	97.1	99.8	98.3	101.4
2016	309	97.2	100.0	97.2	100.0	98.2	101.7
2017	307	97.4	99.3	97.4	99.3	98.5	101.0
2018	249	97.7	97.1	97.7	97.1	98.8	98.9
2019	162	97.6	96.7	97.6	96.7	98.8	98.2

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	67	105.1	99.8	95.3	24.2	22.1	21.9
1981	62	105.4	100.1	95.0	35.9	32.5	32.2
1982	91	105.6	98.9	94.8	45.0	40.5	40.6
1983	94	104.6	99.2	95.8	60.1	55.4	55.6
1984	102	104.7	99.4	95.7	68.4	63.0	63.0
1985	88	105.4	98.7	94.9	53.2	48.3	48.5
1986	65	105.1	98.2	95.2	71.0	64.2	64.1
1987	71	104.8	98.5	95.4	75.4	67.7	68.4
1988	60	105.8	97.6	94.6	75.8	67.8	67.0
1989	42	105.1	98.7	95.2	68.5	61.6	61.3
1990	47	104.6	99.6	95.6	69.1	63.6	63.9
1991	55	105.1	99.6	94.9	44.9	40.1	39.8
1992	55	104.6	99.4	95.7	67.4	60.2	60.1
1993	62	104.1	99.9	96.0	79.0	71.0	71.4
1994	65	103.3	99.3	96.8	89.7	80.9	80.8
1995	62	103.9	99.2	96.4	81.3	75.7	75.2
1996	54	103.2	100.3	97.1	74.1	69.8	69.8
1997	69	103.0	99.7	97.4	88.2	80.9	81.6
1998	97	102.3	100.2	97.9	89.9	82.2	82.4
1999	79	102.6	100.0	97.7	89.7	82.9	82.8
2000	101	102.0	99.7	98.3	94.0	86.0	85.4
2001	95	102.1	100.1	98.3	99.6	91.7	91.3
2002	90	101.9	99.8	98.3	98.7	90.4	89.8
2003	117	102.7	99.8	97.5	95.5	87.4	87.6
2004	113	102.8	99.6	97.3	96.7	88.6	88.4
2005	134	102.9	98.9	96.9	98.0	89.1	89.2
2006	123	102.8	98.7	97.1	98.0	88.8	88.3
2007	189	102.4	98.2	97.7	99.5	91.0	89.8
2008	156	102.0	98.7	98.2	101.7	93.2	91.6
2009	189	102.6	98.6	98.0	98.7	90.1	87.1
2010	176	102.9	98.0	97.7	98.7	90.4	87.3
2011	156	102.8	98.1	97.7	98.4	90.0	87.4
2012	176	103.1	98.4	97.4	101.4	93.1	90.8
2013	189	102.9	98.2	97.3	99.8	91.9	89.9
2014	156	103.1	98.0	97.0	101.3	92.8	91.9
2015	154	103.0	99.0	97.1	85.3	78.2	77.1
2016	152	102.8	98.5	97.3	93.6	84.8	83.7
2017	122	102.8	99.1	97.5	86.3	78.5	78.3

2018	111	103.0	99.3	97.4	85.2	78.5	77.8
2019	77	102.8	98.8	97.4	83.4	76.6	75.8

Tabel: 224 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	105.7	111.3	92.8	98.1	115.6	93.4	103.6	96.6	114.6	92.9	98.6
1981	28	105.5	111.1	92.8	97.7	115.5	93.6	103.2	96.6	115.2	93.0	98.4
1982	73	106.1	110.8	92.9	98.0	116.2	93.2	104.1	96.3	115.1	93.1	99.6
1983	60	104.8	110.4	94.5	97.9	114.6	94.6	102.9	96.1	113.9	94.8	98.0
1984	50	103.8	109.2	95.4	97.8	112.1	95.6	102.3	96.3	112.5	94.8	96.4
1985	56	104.6	110.1	94.9	97.8	114.1	94.7	103.1	96.0	112.9	94.1	96.7
1986	59	105.2	109.4	93.9	97.9	114.2	93.7	103.6	96.2	113.4	92.9	97.5
1987	69	105.6	108.4	93.7	97.7	114.2	93.0	104.3	96.3	113.0	92.1	98.0
1988	79	104.8	108.9	93.9	97.8	113.2	93.8	103.2	96.9	112.7	92.5	97.5
1989	81	104.5	108.6	94.3	97.6	113.1	94.2	102.7	96.9	112.6	92.8	97.3
1990	97	103.8	108.8	94.1	96.9	112.7	94.3	101.9	96.8	112.5	92.9	96.5
1991	130	103.7	109.0	94.1	97.5	112.2	94.7	101.8	97.3	112.5	93.1	96.5
1992	150	102.9	108.7	94.7	97.0	111.7	95.2	101.0	97.2	112.3	93.7	96.1
1993	173	102.2	108.3	94.5	96.8	110.7	95.4	99.9	97.8	111.6	93.5	95.3
1994	206	102.3	107.8	94.7	97.2	109.9	95.3	100.1	98.4	110.9	93.3	95.8
1995	188	102.9	108.5	95.4	96.9	111.2	95.3	100.5	98.1	111.8	93.9	96.0
1996	187	102.7	107.8	95.7	96.8	110.5	95.3	100.6	98.4	111.2	93.9	95.8
1997	263	102.4	107.0	96.0	96.2	109.9	95.2	100.4	98.3	110.7	93.9	95.3
1998	304	102.1	106.5	95.8	96.6	109.0	95.6	99.9	98.8	110.2	93.9	95.5
1999	310	101.8	106.9	95.6	96.6	109.1	95.5	99.5	98.7	110.5	93.8	95.1
2000	331	101.4	106.4	96.2	96.2	108.6	95.6	99.2	98.7	109.8	94.1	94.5
2001	326	101.2	106.2	96.3	95.8	108.3	95.6	98.9	99.2	109.6	94.1	94.1
2002	338	101.1	105.7	97.0	95.2	108.2	95.8	98.4	99.7	109.5	94.3	93.8
2003	341	100.8	105.8	96.2	95.8	107.9	95.7	98.6	99.1	109.3	94.3	93.8
2004	300	100.8	105.5	95.7	96.3	107.4	95.7	98.8	99.0	108.8	94.0	94.0
2005	242	100.5	104.6	96.1	96.1	106.5	96.1	98.6	99.1	107.8	94.6	93.8
2006	245	100.9	104.1	96.3	96.3	106.3	96.3	99.1	99.4	107.3	95.0	94.0
2007	244	100.5	104.0	96.8	96.5	105.7	97.0	98.7	99.4	107.2	95.2	94.3
2008	182	99.4	104.5	96.1	96.9	104.9	97.6	97.7	98.8	107.2	94.9	94.4
2009	214	99.4	103.5	96.9	96.6	104.1	97.8	97.6	99.4	106.6	95.0	94.2
2010	162	99.7	103.8	96.4	96.8	104.4	97.9	97.6	99.9	107.0	95.0	94.5
2011	145	99.6	103.7	96.4	96.6	104.6	97.4	97.6	99.9	106.9	94.7	94.2
2012	108	100.0	103.6	96.9	96.4	104.9	97.3	98.0	99.7	107.0	94.8	94.4
2013	92	99.8	103.3	96.8	96.8	104.2	98.3	97.5	100.8	106.7	95.3	94.7
2014	82	99.8	103.5	97.1	96.8	104.3	98.1	97.8	100.1	106.5	95.2	94.6
2015	59	99.7	104.2	96.6	97.1	104.6	97.9	97.7	99.8	106.9	95.4	94.3
2016	40	100.5	104.5	96.0	97.5	105.5	97.7	98.4	99.6	107.6	95.3	95.2

Tabel: 225 Verbeterd Roodbont: Kalvervitaliteit
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	20	98.5	93.9	98.3
1983	18	97.4	92.7	97.5
1984	17	96.4	91.8	97.0
1985	11	97.9	93.4	97.5
1986	28	98.2	93.7	98.1
1987	47	98.9	94.4	98.4
1988	59	97.7	93.3	98.1

1989	64	97.0	92.7	98.2
1990	80	96.4	92.2	98.4
1991	85	96.5	92.1	98.0
1992	108	96.3	91.7	97.8
1993	166	96.2	91.5	97.9
1994	253	95.0	90.2	97.2
1995	235	95.5	91.1	97.9
1996	260	95.7	91.3	98.1
1997	321	95.9	91.5	98.0
1998	422	96.0	91.2	97.8
1999	414	96.0	91.2	97.8
2000	473	95.5	90.6	97.4
2001	445	96.0	91.2	97.9
2002	460	95.9	91.0	97.5
2003	496	96.2	91.1	98.0
2004	470	96.5	91.1	98.3
2005	377	95.5	90.0	97.3
2006	379	94.9	89.5	96.7
2007	374	94.3	88.8	96.6
2008	315	94.0	88.3	96.5
2009	364	93.8	88.2	95.9
2010	348	94.2	88.5	96.3
2011	339	94.1	88.5	96.5
2012	382	94.4	88.9	96.8
2013	398	94.4	88.9	96.6
2014	377	94.0	88.5	96.8
2015	373	94.6	89.2	97.0
2016	357	95.4	90.1	97.6
2017	323	95.5	90.3	97.8
2018	271	95.3	90.1	97.8
2019	140	95.3	89.9	97.6

Tabel: 226 Verbeterd Roodbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	199	-2646.0	-9631.1	-469.8	-372.7
2002	189	-2740.7	-9982.7	-484.5	-387.2
2003	184	-2493.9	-9078.9	-439.0	-353.4
2004	181	-2346.7	-8286.5	-421.2	-329.3
2005	151	-2269.8	-7951.4	-405.1	-320.0
2006	187	-2135.0	-7384.7	-387.0	-298.4
2007	182	-2039.7	-7005.4	-367.7	-286.2
2008	161	-2076.5	-7218.9	-377.0	-289.6
2009	186	-1975.2	-6792.8	-355.7	-277.3
2010	157	-1902.8	-6542.2	-345.4	-265.8
2011	182	-1861.3	-6284.5	-341.6	-258.5
2012	183	-1785.5	-5990.9	-327.8	-248.0
2013	219	-1966.1	-6850.2	-359.2	-273.2
2014	187	-1994.4	-6984.7	-360.9	-278.8
2015	169	-1739.4	-6003.7	-314.2	-243.8
2016	122	-1413.7	-4562.5	-262.0	-195.8
2017	43	-1240.7	-4037.7	-227.9	-172.7

Tabel: 227 Verbeterd Roodbont: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
2009	11	96.5	101.4	104.5
2014	14	96.8	103.6	104.4

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	78	99.0	101.0	0	0.0	0	0.0
1981	61	98.2	100.9	0	0.0	0	0.0
1982	118	97.6	100.2	0	0.0	0	0.0
1983	116	98.2	100.7	0	0.0	0	0.0
1984	132	98.1	100.6	0	0.0	0	0.0
1985	114	97.5	100.1	165	-4.1	0	0.0
1986	144	97.8	99.8	183	-4.1	0	0.0
1987	201	97.3	99.9	213	-3.8	0	0.0
1988	184	96.9	99.8	189	-3.9	0	0.0
1989	176	97.4	99.8	179	-3.7	0	0.0
1990	177	97.7	100.5	177	-3.9	0	0.0
1991	160	96.8	99.3	160	-4.0	0	0.0
1992	173	97.9	99.3	175	-3.7	0	0.0
1993	165	96.4	99.4	166	-3.6	0	0.0
1994	158	96.9	99.1	159	-3.2	0	0.0
1995	162	97.4	99.9	162	-3.3	0	0.0
1996	132	97.7	99.8	132	-2.9	0	0.0
1997	159	97.6	99.5	159	-2.8	0	0.0
1998	205	97.1	98.7	205	-2.5	0	0.0
1999	196	97.0	98.9	196	-2.6	0	0.0
2000	222	96.9	98.3	222	-2.5	0	0.0
2001	201	96.6	97.9	201	-2.5	81	91.8
2002	190	96.7	98.0	190	-2.4	58	92.6
2003	186	97.6	98.9	186	-2.3	67	92.9
2004	180	97.1	98.6	180	-2.1	51	92.2
2005	155	97.1	98.3	155	-2.1	50	92.3
2006	187	98.0	98.4	187	-2.0	74	92.6
2007	182	98.1	98.4	182	-1.8	68	93.2
2008	161	98.2	98.9	162	-1.8	51	93.9
2009	185	98.3	98.8	185	-1.5	60	94.0
2010	157	98.4	99.0	157	-1.6	62	92.9
2011	182	97.8	98.6	182	-1.6	64	93.6
2012	183	98.1	99.1	183	-1.6	51	93.8
2013	218	97.8	98.9	218	-1.5	56	94.1
2014	186	97.6	98.5	187	-1.5	63	94.5
2015	166	98.0	98.6	168	-1.5	60	94.0
2016	118	98.2	98.5	118	-1.6	40	93.5
2017	38	97.6	98.5	39	-1.5	6	96.2

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1996	13	-1385.9	-73.3	-61.5	-72.8	-21.8	-20.0	-18.1	-427.8
1998	15	-1337.0	-76.1	-60.7	-70.8	-31.6	-22.3	-18.4	-430.1
1999	18	-1415.9	-77.8	-60.3	-74.2	-28.9	-15.8	-18.2	-433.0
2000	25	-1154.8	-70.1	-55.2	-62.3	-35.9	-23.7	-17.6	-392.4

2001	23	-1402.0	-83.6	-62.1	-72.8	-41.6	-20.3	-16.7	-452.2
2002	15	-1234.5	-76.3	-59.5	-67.1	-41.1	-26.9	-19.9	-424.5
2003	36	-1277.8	-79.9	-60.7	-66.0	-44.6	-26.1	-13.9	-436.6
2004	32	-1344.7	-77.8	-59.8	-68.7	-34.7	-19.6	-13.6	-429.0
2005	42	-1331.7	-80.8	-59.3	-68.3	-42.1	-19.7	-13.8	-433.3
2006	45	-1214.9	-76.9	-56.5	-63.3	-43.9	-22.1	-14.6	-412.1
2007	32	-1238.4	-79.6	-58.1	-63.7	-46.8	-23.2	-12.8	-424.5
2008	29	-1416.2	-84.3	-61.6	-72.5	-42.1	-18.0	-14.7	-451.4
2009	19	-1416.9	-85.3	-61.5	-69.1	-44.5	-18.2	-8.1	-452.0
2010	31	-1483.2	-88.3	-63.7	-72.3	-44.6	-17.5	-8.4	-468.5
2011	26	-1358.5	-83.3	-59.4	-64.8	-44.7	-17.6	-4.7	-438.1
2012	20	-1314.9	-78.3	-58.0	-62.9	-38.9	-17.5	-5.0	-421.1
2013	14	-1530.2	-86.5	-63.4	-73.0	-37.6	-14.2	-5.4	-463.5
2015	11	-1641.6	-99.3	-70.5	-78.5	-54.2	-19.7	-5.5	-521.4

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

Tabel: 230 Belgisch Blauw Mixt: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1996	13	102.7	103.6	102.4	104.5	102.2	100.5	89.2	103.8
1998	16	101.7	104.1	101.9	104.4	101.6	99.9	89.2	103.4
1999	18	102.9	103.7	102.7	104.6	102.9	99.9	88.0	103.8
2000	28	102.8	104.2	103.1	105.0	103.0	100.8	88.9	104.2
2001	23	102.0	104.3	102.5	104.5	102.2	100.0	89.3	103.9
2002	15	102.9	104.0	103.1	105.2	103.3	101.3	89.3	104.4
2003	39	101.6	103.9	101.8	104.2	101.6	99.8	89.9	103.3
2004	34	102.3	104.0	102.5	104.7	102.4	100.0	89.2	103.9
2005	42	101.0	104.4	101.8	104.4	101.4	99.4	90.0	103.4
2006	46	102.4	104.2	102.8	104.9	102.6	100.1	89.6	104.1
2007	33	102.5	104.6	103.3	105.4	103.1	100.5	90.0	104.6
2008	29	102.1	104.2	102.7	104.8	102.3	99.8	89.2	104.0
2009	20	102.3	104.7	103.0	105.3	102.8	99.9	88.8	104.5
2010	40	103.0	103.6	102.8	104.7	102.9	100.0	88.7	104.0
2011	36	102.9	104.6	103.3	105.5	103.3	100.1	89.0	104.6
2012	25	102.8	104.2	103.1	105.1	103.1	100.4	89.1	104.4
2013	16	102.6	105.1	103.4	105.9	103.4	100.1	89.9	104.8
2015	12	102.2	105.2	103.3	105.8	102.8	100.2	89.8	104.8

Tabel: 231 Belgisch Blauw Mixt: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1996	13	-96.4	-427.8	170.0	104.5	103.8	0.0	0.0	0.0
1998	15	-101.8	-430.1	160.3	103.5	103.4	0.0	0.0	0.0
1999	18	-90.1	-433.0	153.6	104.2	103.8	0.0	0.0	0.0
2000	25	-74.0	-392.4	153.1	104.2	104.2	0.0	0.0	0.0
2001	23	-102.9	-452.2	129.5	104.1	103.9	0.0	0.0	0.0
2002	15	-78.0	-424.5	175.2	104.3	104.4	0.0	0.0	0.0
2003	36	-95.0	-436.6	169.5	104.0	103.3	0.0	0.0	0.0
2004	32	-90.1	-429.0	146.5	103.9	103.9	0.0	0.0	0.0
2005	42	-100.9	-433.3	163.6	102.8	103.4	0.0	0.0	0.0
2006	45	-84.8	-412.1	164.8	103.1	104.1	0.0	0.0	0.0
2007	32	-86.4	-424.5	145.9	103.6	104.6	0.0	0.0	0.0
2008	29	-97.0	-451.4	150.1	103.4	104.0	0.0	0.0	0.0
2009	19	-89.2	-452.0	164.6	103.8	104.5	0.0	0.0	0.0

2010	31	-92.0	-468.5	161.4	104.3	104.0	0.0	0.0	0.0
2011	26	-78.2	-438.1	165.9	104.1	104.6	0.0	0.0	0.0
2012	20	-82.8	-421.1	182.4	103.5	104.4	0.0	0.0	0.0
2013	14	-101.0	-463.5	129.9	104.1	104.8	0.0	0.0	0.0
2015	11	-134.0	-521.4	140.9	102.1	104.8	0.0	0.0	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1999	14	79.0	105.2	118.2	82.9	63.7	60.0
2000	23	78.5	105.4	118.5	65.7	50.5	47.6
2001	19	79.0	105.2	118.2	78.9	61.8	57.8
2002	15	78.7	105.9	118.1	107.9	84.0	79.6
2003	23	78.7	105.7	118.3	90.6	70.7	66.6
2004	24	78.8	105.1	118.5	101.1	79.1	74.2
2005	27	79.8	104.7	117.4	99.2	76.9	72.1
2006	29	78.6	105.4	118.6	95.9	74.6	70.2
2007	25	80.3	105.2	117.2	112.2	86.0	80.9
2008	16	79.7	104.6	117.5	108.6	83.3	78.6
2009	13	78.6	105.2	118.2	80.2	61.9	58.3
2010	23	77.3	105.6	119.4	86.4	66.3	62.7
2011	17	78.0	105.8	119.1	102.3	79.5	74.2
2012	11	78.7	106.2	117.9	95.8	72.5	69.4

Tabel: 233 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	12	103.8	127.3	101.2	115.2	103.5	105.5	99.5	102.8	119.4	108.8	104.8
2005	13	103.7	126.5	101.1	114.8	103.2	105.2	99.5	103.3	117.5	108.4	103.7
2006	19	103.4	124.3	100.8	114.3	102.3	105.0	99.7	102.4	116.7	108.4	104.2
2008	14	104.1	126.6	101.1	115.8	102.9	105.4	100.6	102.0	117.9	108.9	105.2
2010	12	105.5	127.4	101.7	116.7	104.8	106.2	101.2	103.2	118.9	109.8	106.6
2011	11	103.5	128.7	102.4	116.7	102.9	105.5	99.5	102.1	119.5	109.6	105.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	20	-1448.5	-3358.8	-288.6	-194.4
2002	15	-1148.7	-1847.6	-230.1	-156.3
2003	32	-1248.8	-2167.5	-255.1	-166.8
2004	31	-1325.9	-2925.4	-262.5	-179.4
2005	34	-1159.1	-2140.6	-242.9	-151.3
2006	38	-1138.8	-1921.4	-239.4	-148.9
2007	30	-1286.1	-2414.2	-263.8	-170.6
2008	28	-1365.5	-3031.8	-280.5	-179.5
2009	14	-1375.7	-2963.3	-283.9	-180.2
2010	25	-1341.6	-2874.5	-280.1	-174.1
2011	27	-1269.4	-2669.6	-264.9	-165.0
2012	16	-1033.7	-1628.7	-222.0	-133.1

Tabel: 235 Belgisch Blauw Mixt: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1996	13	99.6	95.2	0	0.0	0	0.0
1998	15	96.9	94.5	0	0.0	0	0.0
1999	18	96.5	94.9	0	0.0	0	0.0
2000	25	96.6	94.2	0	0.0	0	0.0
2001	23	96.9	94.4	0	0.0	0	0.0
2002	15	99.9	96.9	0	0.0	0	0.0
2003	36	98.8	94.8	0	0.0	0	0.0
2004	32	97.5	95.2	0	0.0	0	0.0
2005	42	98.2	95.8	0	0.0	0	0.0
2006	45	97.7	95.1	0	0.0	0	0.0
2007	32	97.7	94.6	0	0.0	0	0.0
2008	29	97.2	96.2	0	0.0	0	0.0
2009	19	97.3	95.8	0	0.0	0	0.0
2010	31	97.3	95.7	0	0.0	0	0.0
2011	26	98.5	96.5	0	0.0	0	0.0
2012	20	97.5	96.9	0	0.0	0	0.0
2013	14	97.0	95.6	0	0.0	0	0.0
2015	11	98.7	97.6	0	0.0	0	0.0

Tabel: 236 Witrood: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1993	13	-638.0	-32.8	-35.2	-38.8	-6.8	-19.7	-16.5	-224.8
1997	12	-697.2	-33.2	-35.9	-41.4	-2.8	-17.9	-16.5	-229.4
1999	11	-592.8	-36.6	-33.6	-36.6	-17.1	-20.1	-16.2	-225.9
2000	13	-748.4	-41.8	-39.8	-43.6	-14.3	-21.4	-16.4	-264.3
2001	18	-457.9	-35.7	-30.5	-30.7	-24.2	-22.1	-16.3	-209.2
2002	17	-736.0	-42.5	-38.8	-42.1	-16.6	-20.1	-14.2	-261.0
2003	14	-509.4	-33.5	-30.4	-22.2	-17.9	-19.6	2.3	-201.6
2004	22	-527.1	-33.4	-31.6	-19.5	-16.7	-19.8	8.1	-205.6
2005	33	-622.3	-40.0	-34.2	-25.8	-20.8	-18.8	5.0	-232.0
2006	28	-626.6	-35.7	-33.5	-29.1	-12.6	-17.5	-0.5	-221.2
2007	21	-401.0	-30.7	-28.1	-18.1	-20.6	-21.5	0.5	-185.2
2008	19	-420.9	-30.7	-29.0	-15.8	-18.2	-21.4	5.7	-188.3
2009	23	-569.8	-36.5	-33.3	-23.3	-18.4	-20.3	5.7	-220.0
2010	22	-486.5	-37.8	-30.1	-25.8	-26.3	-20.0	-5.5	-210.6
2011	15	-567.7	-36.7	-31.8	-29.8	-19.6	-18.7	-6.1	-216.4
2012	26	-508.7	-35.2	-29.3	-22.8	-20.1	-16.9	1.0	-200.8
2013	16	-535.4	-36.4	-32.4	-25.1	-20.8	-21.4	-0.6	-216.7
2014	11	-710.0	-41.9	-35.6	-33.9	-15.6	-15.2	-1.3	-244.4

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

Tabel: 237 Witrood: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
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1993	13	104.5	102.1	103.1	104.0	102.6	103.4	95.6	103.7
1997	12	103.2	102.5	102.2	103.6	101.5	102.4	96.5	103.2
1999	11	103.7	103.3	103.4	104.6	102.7	103.2	96.9	104.2
2000	13	104.2	104.2	104.6	105.7	103.8	103.8	97.2	105.2
2001	19	103.1	102.3	102.5	103.5	101.7	102.9	97.4	103.2
2002	19	103.6	102.8	102.9	103.9	102.2	103.0	96.8	103.6
2003	14	104.1	102.4	103.6	104.4	103.1	103.7	97.4	104.3
2004	22	103.2	102.9	103.0	104.2	102.1	102.3	97.0	103.9
2005	35	103.8	102.1	102.8	103.5	102.3	102.5	96.9	103.3
2006	30	103.9	102.8	103.5	104.4	102.8	102.9	97.4	104.2
2007	23	103.7	102.4	103.3	103.7	102.4	102.0	96.9	103.8
2008	25	104.3	101.5	102.9	103.1	102.4	102.5	95.8	103.3
2009	25	103.8	102.3	103.4	103.9	102.7	102.5	96.2	103.8
2010	30	104.5	101.4	103.2	103.2	102.9	102.9	95.7	103.5
2011	20	103.9	101.8	103.0	103.3	102.4	102.4	96.3	103.3
2012	31	104.5	101.4	103.1	103.2	103.0	102.5	95.5	103.4
2013	22	103.9	101.9	102.9	103.4	102.4	102.5	96.6	103.4
2014	17	103.3	101.7	102.4	102.9	101.8	101.8	96.3	102.8

Tabel: 238 Witrood: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1993	13	-98.2	-224.8	-103.6	103.7	103.7	96.1	94.1	0.0
1997	12	-103.2	-229.4	-97.8	102.8	103.2	96.8	93.0	0.0
1999	11	-95.2	-225.9	-150.3	102.8	104.2	98.2	94.4	0.0
2000	13	-85.0	-264.3	-76.8	102.5	105.2	98.8	95.0	0.0
2001	18	-93.2	-209.2	-134.7	102.1	103.2	97.5	96.0	0.0
2002	17	-144.1	-261.0	-265.4	100.2	103.6	95.5	95.0	0.0
2003	14	-99.4	-201.6	-220.6	100.1	104.3	97.5	91.8	0.0
2004	22	-89.4	-205.6	-101.1	101.3	103.9	96.0	92.0	0.0
2005	33	-95.2	-232.0	-94.0	101.5	103.3	97.0	97.3	0.0
2006	28	-114.5	-221.2	-194.8	100.1	104.2	97.5	96.0	0.0
2007	21	-92.0	-185.2	-88.0	100.7	103.8	0.0	0.0	0.0
2008	19	-72.4	-188.3	32.7	100.9	103.3	0.0	0.0	0.0
2009	23	-82.7	-220.0	-64.2	101.3	103.8	100.0	98.0	0.0
2010	22	-84.3	-210.6	-50.9	101.0	103.5	0.0	0.0	0.0
2011	15	-105.0	-216.4	-146.4	99.9	103.3	95.0	92.0	0.0
2012	26	-72.1	-200.8	-60.7	102.0	103.4	0.0	0.0	0.0
2013	16	-90.4	-216.7	-150.1	101.6	103.4	0.0	0.0	0.0
2014	11	-112.7	-244.4	-204.1	99.2	102.8	0.0	0.0	0.0

Tabel: 239 Witrood: Geboortekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1993	13	90.3	105.0	116.5	95.0	88.7	91.2
2004	10	87.5	104.6	119.3	103.9	96.5	101.3
2005	16	89.0	104.4	117.7	103.7	95.2	98.5
2006	14	88.6	103.6	118.4	104.4	95.9	99.1
2007	13	90.0	104.4	117.1	87.7	82.2	84.5
2009	11	88.1	106.1	118.9	94.2	87.7	90.5
2010	11	87.9	105.4	119.2	84.3	77.6	80.6

Tabel: 240 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
2004	16	100.7	105.9	98.7	108.4	101.5	107.5	99.9	102.2	98.4	105.8	89.9
2005	23	100.1	105.2	98.5	108.1	101.0	106.7	99.6	101.5	98.7	105.3	90.3
2006	22	100.0	104.9	97.3	109.2	99.8	106.7	99.7	102.0	97.4	104.9	90.5
2007	17	98.1	103.6	98.1	107.9	98.5	106.8	98.1	100.8	96.8	106.0	88.2
2008	18	98.9	103.7	98.6	109.2	97.6	106.7	99.5	100.8	94.8	105.4	90.4
2009	16	98.9	103.3	97.9	108.2	97.9	106.2	99.4	101.3	94.9	105.1	89.3
2010	20	98.0	103.5	98.2	107.2	98.5	106.4	97.9	100.6	96.4	105.3	87.5
2011	14	98.7	103.7	98.9	107.5	98.6	106.4	98.7	100.9	97.0	105.4	88.6
2012	19	98.1	103.1	99.4	107.2	97.6	106.2	97.9	100.9	95.9	105.3	88.7
2013	11	97.8	102.5	99.2	106.5	97.5	107.1	97.8	101.2	95.6	105.4	88.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	18	-1908.8	-5632.3	-349.0	-268.4
2002	17	-2795.4	-9579.7	-495.1	-396.6
2003	14	-2388.5	-7897.1	-425.7	-337.5
2004	22	-1746.0	-5226.4	-309.1	-249.5
2005	33	-1754.8	-5162.5	-319.0	-247.0
2006	28	-2290.2	-7590.5	-406.4	-324.8
2007	21	-1578.7	-4322.6	-287.1	-223.3
2008	19	-941.1	-1732.9	-172.5	-135.1
2009	23	-1581.0	-4403.2	-284.4	-224.4
2010	22	-1456.1	-3784.7	-276.7	-200.5
2011	15	-2023.4	-6459.5	-366.7	-283.9
2012	26	-1468.3	-4020.5	-274.6	-203.8
2013	16	-2046.2	-6303.6	-370.3	-288.0
2014	11	-2394.1	-7930.1	-432.5	-335.3

Tabel: 242 Witrood: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1993	13	100.5	95.5	13	-1.5	0	0.0
1997	12	98.9	95.7	12	-1.6	0	0.0
1999	11	98.6	96.9	11	-1.7	0	0.0
2000	13	97.8	96.5	13	-2.0	0	0.0
2001	18	99.4	96.3	18	-1.2	2	101.5
2002	17	96.2	95.7	17	-1.4	2	103.5
2003	14	97.2	96.1	14	-1.2	4	99.0
2004	22	98.7	97.0	22	-1.0	2	100.0
2005	33	99.5	96.8	33	-1.4	3	101.0
2006	28	98.0	95.8	28	-1.2	2	104.5
2007	21	99.5	96.0	21	-0.9	0	0.0
2008	19	100.8	95.8	19	-0.9	0	0.0
2009	23	99.7	95.9	23	-1.3	1	102.0
2010	22	99.9	95.7	22	-1.3	0	0.0
2011	15	98.4	95.3	15	-1.5	1	102.0
2012	26	99.5	96.0	26	-1.3	0	0.0

2013	16	97.4	94.6	16	-1.4	0	0.0
2014	11	99.3	95.2	11	-1.5	0	0.0

Tabel: 243 Belgisch Blauw: Melkproductiekenmerken
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14	-2176.4	-109.1	-86.6	-108.9	-28.1	-14.5	-20.8	-617.0
1981	14	-2278.0	-114.9	-88.4	-113.5	-32.6	-10.1	-21.2	-637.6
1982	28	-2388.1	-120.9	-93.5	-118.6	-36.6	-13.4	-21.6	-672.6
1983	27	-2288.1	-117.4	-91.6	-114.1	-37.7	-17.3	-21.4	-656.4
1984	29	-2339.8	-120.2	-92.8	-116.3	-39.4	-15.9	-21.2	-668.1
1985	34	-2290.4	-116.1	-90.9	-114.1	-35.1	-15.8	-21.4	-650.9
1986	32	-2193.6	-113.8	-87.8	-109.7	-38.0	-16.3	-20.9	-631.9
1987	48	-2280.9	-117.0	-90.4	-113.7	-37.9	-15.2	-21.3	-650.4
1988	47	-2306.4	-122.0	-91.9	-114.8	-47.3	-16.4	-21.2	-667.4
1989	38	-2205.1	-112.5	-86.5	-110.2	-34.4	-12.2	-20.8	-624.2
1990	40	-2090.0	-111.7	-83.7	-105.0	-43.4	-15.1	-20.4	-609.4
1991	23	-2024.9	-107.7	-81.2	-102.1	-39.9	-14.5	-20.5	-589.8
1993	15	-2219.8	-117.3	-88.1	-110.9	-44.3	-15.0	-20.9	-640.9
1994	21	-1902.5	-105.8	-78.9	-96.4	-46.8	-19.1	-19.9	-574.4
1995	27	-1733.8	-96.2	-72.5	-88.7	-40.9	-18.1	-19.3	-525.9
1996	19	-1673.1	-95.4	-69.6	-85.9	-45.2	-16.6	-18.9	-511.7
1997	24	-1742.6	-96.5	-72.2	-89.1	-40.7	-16.8	-19.2	-525.2
1998	13	-1358.0	-85.2	-60.6	-71.5	-49.4	-21.0	-18.0	-449.0
1999	16	-1620.1	-95.8	-68.2	-83.4	-49.8	-17.1	-18.4	-505.8
2000	20	-1557.9	-94.2	-67.7	-80.7	-51.9	-21.0	-18.6	-499.8
2001	12	-1438.6	-86.5	-62.6	-75.2	-46.0	-18.7	-18.3	-461.0
2002	16	-1418.2	-83.8	-63.4	-73.8	-41.7	-21.6	-17.2	-458.4
2003	15	-1411.9	-86.6	-60.3	-73.4	-48.7	-16.3	-16.9	-451.1
2004	18	-1403.1	-83.1	-59.4	-71.4	-41.9	-14.5	-13.5	-439.3
2005	11	-1256.1	-82.5	-56.4	-65.8	-53.3	-19.1	-15.3	-424.4
2008	15	-1271.3	-81.4	-57.3	-64.0	-50.0	-20.0	-9.7	-425.4
2009	10	-1038.2	-74.2	-50.1	-57.3	-53.9	-22.1	-18.1	-378.5

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

Tabel: 244 Belgisch Blauw: Exterieurkenmerken bouw
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1988	10	109.0	93.8	106.0	114.9	88.0	93.3	98.3
1989	27	107.7	93.4	104.4	113.4	87.8	93.5	97.9
1990	16	109.6	93.5	105.8	115.1	87.6	94.0	98.2
1991	18	108.5	93.4	105.0	114.1	87.7	93.3	98.0
1992	11	108.5	93.4	104.9	114.1	87.8	94.4	97.9
1994	16	107.7	93.6	104.4	113.4	88.4	93.7	98.3
1995	18	108.2	93.3	105.1	114.1	87.8	93.5	97.9
1996	10	108.1	93.0	104.6	113.8	87.7	93.9	98.1
1997	13	108.2	93.8	105.2	114.1	88.5	94.7	99.1
1998	17	108.4	93.5	105.2	114.4	87.7	94.2	98.4
1999	12	108.2	93.3	105.2	114.3	87.6	93.4	98.8
2000	11	109.6	93.5	106.2	115.4	87.3	93.1	99.0
2001	14	108.4	93.6	104.9	114.1	88.0	92.8	98.4

Tabel: 245 Belgisch Blauw: Exterieurkenmerken beenwerk
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1988	10	99.5	102.2	94.6	101.1
1989	27	98.5	102.0	93.7	100.0
1990	16	99.6	102.4	94.9	101.1
1991	18	99.2	102.3	94.2	100.6
1992	11	98.1	102.9	93.4	99.6
1994	16	98.4	102.9	93.4	99.8
1995	18	98.9	102.9	94.0	100.4
1996	10	98.1	102.9	93.7	99.6
1997	13	97.6	102.9	93.8	99.4
1998	17	98.3	102.8	93.2	99.7
1999	12	98.7	103.0	93.4	100.3
2000	11	98.6	103.0	93.9	100.1
2001	14	98.0	102.2	93.9	99.5

Tabel: 246 Belgisch Blauw: Exterieurkenmerken uier
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1988	10	108.7	106.9	99.5	108.5	112.8	106.6	105.7
1989	27	108.1	105.7	99.7	107.8	111.3	105.6	104.7
1990	16	109.4	107.6	99.5	109.1	112.7	106.9	106.1
1991	18	109.1	106.7	99.6	108.7	112.2	106.4	105.5
1992	11	108.5	105.9	99.8	108.0	111.5	105.8	104.9
1994	16	108.5	105.9	99.7	108.1	111.9	105.4	104.8
1995	18	108.8	106.8	99.0	108.4	112.0	106.4	105.6
1996	10	108.0	106.3	99.0	107.7	111.7	105.4	105.1
1997	13	108.9	106.3	99.1	108.4	112.2	106.0	105.2
1998	17	108.4	106.6	99.4	108.0	111.8	105.8	105.3
1999	12	109.7	107.1	98.7	109.0	113.1	106.4	105.5
2000	11	108.7	107.2	98.7	108.3	112.8	106.7	106.4
2001	14	108.8	106.1	99.1	108.1	112.8	106.1	105.1

Tabel: 247 Belgisch Blauw: Exterieurkenmerken bovenbalk
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1988	10	94.9	100.4	111.8	100.1	94.1	104.9
1989	27	94.6	99.6	110.9	98.7	94.1	103.3
1990	16	95.1	100.3	112.4	100.0	93.8	105.1
1991	18	94.6	99.9	111.9	99.4	94.0	104.4
1992	11	95.1	99.9	111.1	98.4	93.9	103.4
1994	16	94.9	100.1	111.3	98.3	94.5	103.6
1995	18	94.6	99.9	111.7	99.1	93.9	104.1
1996	10	94.6	99.6	110.8	98.1	93.7	103.0
1997	13	95.8	100.7	111.6	97.7	94.7	103.8
1998	17	95.3	100.1	111.1	98.3	94.1	103.5
1999	12	94.8	100.0	112.7	98.8	93.8	104.6
2000	11	95.2	100.3	111.9	98.9	93.7	104.4
2001	14	94.6	100.2	111.8	98.4	94.0	103.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	30	96.4	103.1	98.2	101.1	96.3	98.8	112.1	99.7
1981	34	97.2	103.2	98.9	101.9	97.2	99.0	113.3	100.5
1982	62	97.1	102.3	98.2	100.8	96.4	98.5	112.0	99.4
1983	84	96.8	103.1	98.4	101.3	96.5	98.8	113.0	99.8
1984	91	96.7	102.9	98.4	101.3	96.5	98.9	113.8	99.9
1985	108	97.1	102.8	98.7	101.3	96.7	99.2	113.6	100.0
1986	153	97.3	103.2	99.2	101.8	97.2	99.8	113.4	100.5
1987	209	97.5	102.3	99.0	101.1	97.2	99.8	113.0	100.1
1988	279	97.8	102.2	99.6	101.2	97.5	100.4	113.8	100.5
1989	420	97.8	102.3	99.7	101.4	97.6	99.9	113.8	100.6
1990	511	97.6	102.2	99.3	101.2	97.5	100.3	113.4	100.3
1991	623	97.3	102.0	99.2	100.9	97.1	99.8	112.9	100.0
1992	726	97.4	101.9	99.1	100.8	97.3	99.7	111.0	99.9
1993	766	97.3	101.6	98.8	100.5	97.1	99.5	110.6	99.6
1994	829	97.4	101.4	98.8	100.3	97.2	99.4	108.9	99.5
1995	920	97.6	101.2	98.9	100.2	97.3	99.4	108.4	99.5
1996	905	97.8	101.1	99.0	100.2	97.5	99.3	107.4	99.6
1997	1007	97.7	101.1	99.0	100.2	97.5	99.2	107.1	99.6
1998	1124	98.1	101.0	99.3	100.3	97.9	99.2	106.1	99.8
1999	1132	98.0	101.1	99.3	100.4	98.0	99.4	105.9	99.9
2000	1317	98.0	101.0	99.3	100.3	98.0	99.2	104.6	99.8
2001	1287	98.1	101.0	99.4	100.4	98.2	99.2	104.0	99.9
2002	1341	98.4	100.9	99.7	100.5	98.6	99.1	102.8	100.1
2003	1416	98.6	100.8	99.8	100.4	98.8	99.1	102.1	100.1
2004	1511	98.7	100.5	99.7	100.2	98.8	98.8	100.8	100.0
2005	1634	99.0	100.4	99.9	100.2	99.1	99.0	100.2	100.0
2006	1720	99.2	100.3	99.9	100.2	99.2	99.0	99.3	100.1
2007	1684	99.5	100.2	100.0	100.1	99.4	99.2	98.6	100.1
2008	1729	99.7	100.1	100.1	100.1	99.6	99.4	98.5	100.1
2009	1585	99.9	99.9	100.2	100.1	99.8	99.7	98.8	100.2
2010	1617	100.0	99.8	100.3	100.1	99.9	100.1	99.3	100.2
2011	1543	100.5	99.5	100.5	100.0	100.2	100.6	98.7	100.3
2012	1459	101.0	99.4	100.8	100.1	100.7	101.1	98.9	100.5
2013	1328	101.4	99.0	100.9	99.9	101.0	101.7	98.8	100.5
2014	1201	101.6	98.9	101.0	100.0	101.2	102.0	98.7	100.6
2015	941	101.8	98.9	101.2	99.9	101.4	102.4	98.7	100.6
2016	692	101.9	98.6	101.1	99.7	101.4	102.3	98.6	100.5
2017	389	102.0	98.5	101.0	99.7	101.4	102.6	98.5	100.4

Tabel: 249 Belgisch Blauw: NVI met onderliggende kenmerken
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1981	11	-224.8	-637.6	-1028.0	103.8	100.5	111.0	98.0	0.0
1982	24	-234.0	-672.6	-604.0	103.9	99.4	113.0	101.0	0.0
1983	23	-240.9	-656.4	-324.0	103.4	99.8	109.0	97.0	0.0
1984	26	-241.3	-668.1	-163.0	104.0	99.9	0.0	0.0	0.0
1985	30	-241.3	-650.9	0.0	104.5	100.0	0.0	0.0	0.0
1986	30	-218.6	-631.9	-300.8	103.7	100.5	109.8	98.2	0.0
1987	46	-217.5	-650.4	0.0	104.5	100.1	111.5	99.5	0.0
1988	46	-221.8	-667.4	185.0	104.5	100.5	111.8	100.1	94.5
1989	37	-183.8	-624.2	-175.0	104.3	100.6	110.9	98.7	0.0

1990	39	-176.3	-609.4	92.0	104.6	100.3	112.4	100.0	0.0
1991	22	-177.5	-589.8	0.0	104.4	100.0	111.9	99.4	0.0
1993	13	-223.1	-640.9	221.0	104.3	99.6	111.1	98.0	0.0
1994	17	-191.7	-574.4	210.5	104.2	99.5	111.3	98.3	0.0
1995	23	-170.3	-525.9	224.8	104.3	99.5	111.7	99.1	94.3
1996	17	-178.3	-511.7	196.7	104.4	99.6	110.8	98.1	97.3
1997	22	-175.5	-525.2	232.5	104.1	99.6	111.6	97.7	97.3
1998	12	-150.5	-449.0	177.0	104.3	99.8	111.1	98.3	97.8
1999	15	-172.0	-505.8	224.0	104.1	99.9	112.7	98.8	97.2
2000	18	-158.5	-499.8	204.9	104.3	99.8	111.9	98.9	97.2
2001	11	-150.1	-461.0	207.5	103.9	99.9	111.8	98.4	97.4
2002	15	-166.7	-458.4	225.7	103.8	100.1	112.8	99.4	97.7
2003	15	-150.1	-451.1	201.5	103.7	100.1	112.5	98.8	95.7
2004	18	-138.7	-439.3	220.4	103.7	100.0	112.8	100.5	98.0
2005	11	-133.2	-424.4	200.0	104.1	100.0	111.6	98.4	97.5
2008	14	-144.1	-425.4	230.0	103.7	100.1	111.0	98.7	99.0
2009	10	-121.7	-378.5	207.2	103.9	100.2	111.3	99.3	98.7

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1987	19	90.8	0.0	90.8	0.0	90.7	0.0
1988	27	90.5	3.5	90.5	3.5	89.7	3.5
1989	44	90.7	0.0	90.7	0.0	90.8	0.0
1990	42	90.9	0.0	90.9	0.0	91.2	0.0
1991	37	90.7	0.0	90.7	0.0	90.7	0.0
1992	50	90.9	0.0	90.9	0.0	91.2	0.0
1993	30	90.9	0.0	90.9	0.0	90.8	0.0
1994	50	91.3	0.0	91.3	0.0	91.3	0.0
1995	40	91.2	4.8	91.2	4.8	91.4	4.8
1996	35	91.1	0.0	91.1	0.0	91.1	0.0
1997	33	91.5	0.0	91.5	0.0	91.9	0.0
1998	35	91.7	0.0	91.7	0.0	92.2	0.0
1999	42	91.0	0.0	91.0	0.0	91.7	0.0
2000	63	91.2	0.0	91.2	0.0	91.5	0.0
2001	44	91.5	0.0	91.5	0.0	91.7	0.0
2002	28	91.5	0.0	91.5	0.0	91.6	0.0
2003	30	90.7	3.2	90.7	3.2	90.5	3.2
2004	32	91.2	0.0	91.2	0.0	91.7	0.0
2005	22	92.2	0.0	92.2	0.0	92.3	0.0
2006	27	92.1	0.0	92.1	0.0	92.3	0.0
2007	23	92.5	4.2	92.5	4.2	92.9	4.2
2008	14	91.8	6.9	91.8	6.9	92.4	6.9
2009	19	92.7	5.1	92.7	5.1	93.4	5.1
2010	23	91.1	0.0	91.1	0.0	91.5	0.0
2011	21	91.7	0.0	91.7	0.0	92.0	0.0
2012	10	90.8	0.0	90.8	0.0	91.3	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12	103.6	102.0	97.6	8.3	8.5	8.6
1981	10	102.5	102.7	98.7	30.3	30.9	31.7
1982	38	104.9	101.7	96.2	27.4	26.5	27.4

1983	40	104.9	101.7	96.1	38.7	37.8	39.3
1984	44	104.0	101.5	97.0	35.2	33.9	35.3
1985	50	105.6	101.0	95.5	34.9	33.8	35.3
1986	65	105.1	101.2	96.0	50.9	49.4	51.9
1987	104	103.7	101.7	97.3	57.4	55.8	57.5
1988	121	102.9	101.6	98.0	75.6	73.5	75.8
1989	164	104.4	101.2	96.5	82.9	81.5	83.9
1990	203	103.5	101.1	97.2	73.0	71.5	73.1
1991	176	104.3	100.7	96.5	72.5	70.9	72.7
1992	200	103.5	100.9	97.2	77.8	76.8	78.8
1993	219	103.4	101.0	97.5	66.9	65.8	67.7
1994	257	103.6	100.6	97.3	82.4	81.3	83.8
1995	277	103.5	100.6	97.2	77.0	75.5	77.8
1996	290	103.1	100.4	97.6	81.4	79.6	82.2
1997	327	103.2	100.6	97.4	78.2	76.6	79.0
1998	399	103.6	99.8	97.2	81.0	79.0	81.2
1999	441	103.6	100.1	97.1	85.5	83.6	85.8
2000	511	103.2	100.2	97.5	90.9	88.9	90.9
2001	484	103.2	100.1	97.6	93.2	90.5	92.4
2002	583	103.0	99.9	97.9	92.1	89.5	91.1
2003	680	103.4	99.8	97.6	97.8	94.6	96.6
2004	878	102.5	100.0	98.5	98.0	94.9	97.6
2005	1009	102.3	100.2	98.6	98.4	95.6	98.6
2006	1066	102.3	100.0	98.4	99.1	95.5	98.2
2007	1392	101.7	100.0	99.1	100.6	96.9	99.7
2008	1395	101.5	99.8	99.2	100.7	96.7	99.5
2009	1326	101.6	99.9	99.0	100.7	97.1	99.8
2010	1339	101.6	100.1	98.8	100.3	97.3	100.4
2011	1301	100.9	100.5	99.7	101.0	97.6	100.4
2012	1241	100.2	100.6	100.5	101.7	97.8	100.3
2013	1082	100.0	100.2	100.4	102.1	98.1	100.8
2014	1012	99.5	100.3	101.2	102.3	98.0	100.4
2015	873	99.8	100.3	101.1	102.8	98.1	101.4
2016	753	100.2	100.4	100.9	102.7	98.1	101.3
2017	597	99.7	100.4	101.4	102.7	97.9	101.1
2018	555	99.4	100.6	102.0	102.0	96.8	100.4
2019	320	99.0	100.5	102.4	102.3	97.0	100.2

Tabel: 252 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	95.9	91.4	97.8	95.8	95.9	100.0	101.0	98.4	95.2	100.0	96.3
1981	10	94.0	87.7	97.3	95.9	90.8	100.0	99.6	99.1	93.0	98.3	98.5
1982	21	94.1	87.6	97.0	95.7	91.1	100.1	99.3	99.9	92.4	99.5	96.4
1983	30	92.5	83.7	97.6	91.4	90.1	98.9	98.7	98.0	90.2	98.3	94.5
1984	37	92.7	83.1	96.8	92.1	89.6	99.1	98.9	98.4	90.4	98.5	95.5
1985	31	93.6	86.3	97.3	94.2	91.0	99.8	99.4	98.9	91.3	98.8	96.1
1986	55	93.9	84.2	97.2	92.5	90.6	99.3	99.7	98.8	91.6	99.1	97.2
1987	92	94.5	87.3	97.4	94.4	92.7	100.0	99.6	99.4	93.2	99.8	96.7
1988	108	94.8	88.0	97.7	94.7	93.2	100.1	99.9	98.8	94.0	100.0	97.9
1989	180	94.5	87.5	97.5	94.9	91.9	99.7	99.9	99.2	92.9	99.6	96.9
1990	229	94.4	88.7	97.8	95.3	92.6	100.1	99.1	99.8	93.9	100.1	96.6
1991	239	93.9	87.7	97.7	94.6	91.8	99.7	99.1	99.5	93.1	99.8	96.2
1992	312	94.8	89.1	98.1	95.2	93.0	99.6	99.7	99.6	94.1	100.1	96.4
1993	369	94.6	88.1	98.4	94.0	93.3	99.5	99.5	99.3	94.1	100.2	96.0
1994	425	95.0	88.8	98.4	94.4	93.6	99.4	99.8	99.8	94.4	100.1	95.9
1995	468	95.1	89.1	98.7	94.4	94.0	99.7	99.8	99.9	94.7	100.3	95.8
1996	465	95.2	89.2	99.0	94.1	94.2	99.7	99.8	100.1	95.0	100.6	95.7
1997	497	95.7	90.1	99.2	94.4	94.9	99.6	100.2	100.2	95.8	100.7	95.8

1998	583	95.5	90.8	99.3	94.8	94.9	99.9	99.7	100.2	96.1	100.8	95.5
1999	604	95.8	90.7	99.4	94.2	95.6	99.5	99.9	100.2	96.4	100.7	95.4
2000	732	96.1	91.9	99.6	94.8	96.3	99.5	100.1	100.2	96.9	100.9	95.2
2001	709	96.3	91.8	99.8	94.6	96.4	99.4	100.3	100.5	96.9	101.2	95.0
2002	802	96.1	92.6	99.8	95.2	96.6	99.7	99.9	100.5	97.2	101.1	95.0
2003	864	96.2	92.3	99.8	94.9	96.4	99.4	99.9	100.8	97.2	101.0	94.8
2004	945	96.4	93.9	100.3	95.6	97.1	99.7	99.8	101.0	98.0	101.2	95.1
2005	1002	96.2	94.1	100.7	95.5	97.1	99.6	99.7	100.7	98.1	101.1	95.2
2006	1054	95.7	93.8	100.7	95.3	96.1	99.5	99.3	100.9	97.8	101.0	94.5
2007	1014	96.0	95.3	100.9	96.1	96.7	99.6	99.4	100.8	98.5	101.1	94.9
2008	945	96.1	96.0	101.0	96.5	96.3	99.6	99.5	100.8	98.7	101.1	95.3
2009	761	95.9	96.7	101.2	97.2	95.9	99.9	99.4	100.9	99.0	101.2	95.6
2010	610	95.6	96.9	101.2	97.3	95.2	99.7	99.2	100.8	98.9	101.0	95.9
2011	351	95.9	98.6	101.3	98.8	95.0	100.0	99.4	101.0	99.4	101.1	97.0
2012	231	95.9	99.0	101.5	98.7	94.8	100.1	99.2	101.5	99.6	101.0	96.6
2013	120	96.1	100.3	101.7	99.4	95.9	100.5	99.0	101.3	100.4	101.4	96.8
2014	74	96.0	99.7	102.2	99.0	94.4	100.0	99.3	101.4	100.3	101.3	96.9
2015	23	96.1	100.8	102.7	99.4	95.5	100.9	98.8	101.7	101.0	101.5	98.0

Tabel: 253 Belgisch Blauw: Overige productie en efficiency kenm.
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	14	100.9	94.4	0	0.0	0	0.0
1981	14	101.1	95.0	0	0.0	0	0.0
1982	28	101.6	95.5	0	0.0	0	0.0
1983	27	101.1	96.9	0	0.0	0	0.0
1984	29	101.6	95.8	0	0.0	0	0.0
1985	34	101.0	95.9	0	0.0	0	0.0
1986	32	100.9	96.7	0	0.0	0	0.0
1987	48	100.3	97.9	0	0.0	0	0.0
1988	47	99.8	97.9	0	0.0	0	0.0
1989	38	100.4	98.8	0	0.0	0	0.0
1990	40	100.2	98.8	0	0.0	0	0.0
1991	23	99.7	98.8	0	0.0	0	0.0
1993	15	99.9	99.7	0	0.0	0	0.0
1994	21	99.6	98.9	0	0.0	0	0.0
1995	27	99.9	98.3	0	0.0	0	0.0
1996	19	100.5	99.3	0	0.0	0	0.0
1997	24	99.5	97.3	0	0.0	0	0.0
1998	13	99.6	99.5	0	0.0	0	0.0
1999	16	100.2	99.0	0	0.0	0	0.0
2000	20	99.8	97.5	0	0.0	0	0.0
2001	12	99.3	99.1	0	0.0	0	0.0
2002	16	98.8	96.8	0	0.0	0	0.0
2003	15	99.7	98.2	0	0.0	1	94.0
2004	18	98.9	97.6	0	0.0	0	0.0
2005	11	99.1	99.8	0	0.0	0	0.0
2008	15	100.4	98.5	0	0.0	0	0.0
2009	10	99.8	99.0	0	0.0	1	91.0

Tabel: 254 British Friesian: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	27	-732.4	-25.5	-41.5	-43.0	12.8	-25.6	-16.3	-236.7

1981	29	-589.7	-22.1	-37.9	-36.4	7.5	-27.8	-16.0	-212.9
1985	10	-884.7	-34.3	-44.0	-50.1	9.2	-20.7	-17.1	-267.6

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

Tabel: 255 British Friesian: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	56	97.2	89.9	95.5	102.6	88.1	89.6	94.0
1981	66	97.7	89.0	95.3	102.3	87.5	88.0	95.0
1982	25	95.8	87.8	93.2	100.8	87.2	89.6	94.2

Tabel: 256 British Friesian: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	56	91.1	101.4	85.0	89.5
1981	66	90.5	101.4	85.3	89.2
1982	25	90.4	100.3	86.0	89.2

Tabel: 257 British Friesian: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	56	102.0	98.1	98.1	103.5	102.5	98.8	95.7
1981	66	101.5	97.8	97.2	103.2	102.7	99.1	95.5
1982	25	100.6	98.2	97.2	101.9	101.3	98.9	95.1

Tabel: 258 British Friesian: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	56	86.5	90.5	103.5	87.1	91.4	89.5
1981	66	85.9	89.7	103.4	86.7	92.3	89.0
1982	25	85.2	87.8	102.1	86.8	92.4	87.8

Tabel: 259 British Friesian: Vruchtbaarheidkenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	80	100.5	100.3	99.2	99.8	98.8	101.1	96.8	99.5
1981	92	101.9	100.4	100.4	100.9	100.2	101.2	97.7	100.8
1982	38	102.4	100.4	100.8	101.1	100.6	101.2	96.9	101.1
1983	13	103.2	100.0	101.1	100.9	101.2	101.6	96.2	101.2

1985 15 103.7 100.1 101.7 101.6 101.9 101.9 96.0 101.9

Tabel: 260 British Friesian: Gebruikskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	10	96.1	79.2	99.6	104.4	103.3

Tabel: 261 British Friesian: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	26	-128.4	-236.7	81.6	104.4	99.5	103.5	87.1	99.2
1981	28	-101.8	-212.9	135.4	104.2	100.8	103.4	86.7	97.7
1985	10	-140.8	-267.6	-293.9	101.0	101.9	103.5	90.0	0.0

Tabel: 262 British Friesian: Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	12	98.3	98.7	98.3	98.7	99.3	98.7

Tabel: 263 British Friesian: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	97.5	105.0	102.4	77.6	78.6	80.7
1981	13	97.8	103.9	102.2	74.2	74.9	76.2

Tabel: 264 British Friesian: 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
1981	15	95.2	89.1	101.9	94.9	88.9	100.7	97.5	98.0	97.7	94.9	98.5

Tabel: 265 British Friesian: Kalvervitaliteit
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	12	100.4	97.5	101.2

Tabel: 266 British Friesian: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	27	98.6	102.4	0	0.0	0	0.0
1981	29	98.6	99.9	0	0.0	0	0.0
1985	10	95.9	101.4	11	-4.2	0	0.0

Tabel: 267 Brand rood: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2004	17	-920.6	-47.3	-42.8	-44.8	-11.3	-15.9	-4.1	-288.5
2006	12	-907.1	-48.3	-39.9	-43.2	-14.3	-11.1	-2.2	-278.2
2007	19	-964.7	-52.4	-43.8	-46.5	-17.2	-14.7	-3.9	-303.5
2008	17	-763.2	-41.5	-37.5	-37.4	-13.6	-16.2	-3.5	-252.4
2009	15	-866.0	-44.5	-36.7	-41.6	-11.1	-8.5	-2.7	-256.4
2010	18	-715.6	-39.1	-34.6	-33.5	-12.8	-13.4	-0.4	-233.8
2011	20	-706.5	-41.5	-35.6	-33.0	-17.2	-16.3	-0.6	-243.1
2012	18	-528.8	-34.8	-30.2	-22.9	-18.9	-17.9	2.7	-204.1
2013	27	-417.2	-28.8	-26.6	-21.7	-16.7	-18.5	-4.1	-175.9
2014	22	-554.0	-28.6	-29.1	-25.7	-6.8	-14.8	-0.1	-187.3

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

Tabel: 268 Brand rood: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2000	16	100.9	101.8	100.1	102.1	99.9	97.6	87.2	101.1
2001	16	102.1	102.5	100.6	102.8	100.4	97.9	87.9	101.8
2002	30	101.8	102.4	100.6	102.7	100.4	98.0	87.9	101.8
2003	33	100.8	102.0	99.7	101.8	99.5	97.0	86.9	100.9
2004	64	100.9	102.0	100.0	102.0	99.9	97.4	86.3	101.1
2005	42	101.0	101.9	100.0	102.0	99.8	97.5	86.3	101.0
2006	63	100.8	101.7	99.7	101.8	99.7	97.3	86.2	100.8
2007	69	100.8	101.9	99.8	102.0	99.8	97.3	86.7	100.9
2008	90	101.1	102.1	100.2	102.3	100.2	97.7	86.9	101.4
2009	117	101.0	102.2	100.1	102.3	100.0	97.5	86.9	101.3
2010	127	101.0	101.7	99.8	101.9	99.9	97.4	86.3	101.0
2011	160	101.1	101.5	99.8	101.8	99.9	97.6	86.5	100.9
2012	149	101.1	101.2	99.6	101.5	99.9	97.7	86.7	100.6
2013	174	101.1	101.2	99.7	101.5	99.9	97.7	86.9	100.7
2014	173	101.2	101.5	100.0	101.8	100.1	97.8	87.0	101.1
2015	87	101.0	101.3	99.7	101.5	99.9	97.7	87.2	100.7
2016	53	100.7	101.2	99.5	101.3	99.6	97.4	86.8	100.4
2017	27	100.9	101.2	99.5	101.3	99.6	97.3	86.2	100.5

Tabel: 269 Brand rood: NVI met onderliggende kenmerken
 Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
2004	17	-87.1	-288.5	-44.2	101.8	101.1	0.0	0.0	98.8
2006	11	-125.0	-278.2	-305.0	101.2	100.8	0.0	0.0	98.4
2007	19	-115.1	-303.5	-194.1	102.6	100.9	98.0	91.0	98.5
2008	17	-89.3	-252.4	-137.2	101.2	101.4	0.0	0.0	98.9
2009	15	-87.4	-256.4	-152.5	101.1	101.3	0.0	0.0	99.2
2010	18	-79.9	-233.8	-152.2	100.6	101.0	0.0	0.0	99.1
2011	19	-87.0	-243.1	-106.8	100.7	100.9	0.0	0.0	98.9
2012	18	-65.6	-204.1	-64.6	101.1	100.6	0.0	0.0	98.8
2013	27	-58.9	-175.9	-34.4	99.5	100.7	0.0	0.0	99.0
2014	22	-54.5	-187.3	18.4	100.8	101.1	0.0	0.0	98.9

Tabel: 270 Brand rood: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
2004	21	95.2	101.1	95.2	101.1	97.3	100.4
2005	15	95.9	101.5	95.9	101.5	98.1	101.0
2006	25	95.2	100.9	95.2	100.9	97.4	100.2
2007	29	95.2	101.1	95.2	101.1	97.4	100.1
2008	41	95.3	101.3	95.3	101.3	97.3	100.2
2009	45	96.1	101.0	96.1	101.0	98.2	100.4
2010	63	96.2	101.3	96.2	101.3	98.3	100.6
2011	73	95.8	101.3	95.8	101.3	97.8	100.4
2012	82	96.3	101.1	96.3	101.1	98.3	100.6
2013	79	96.4	98.6	96.4	98.6	98.4	98.1
2014	85	96.2	97.6	96.2	97.6	98.2	97.0
2015	55	96.5	99.1	96.5	99.1	98.5	98.7
2016	69	96.7	86.4	96.7	86.4	98.7	86.1
2017	60	96.5	73.8	96.5	73.8	98.6	73.7
2018	81	96.3	54.7	96.3	54.7	98.5	54.5
2019	19	96.5	74.2	96.5	74.2	98.6	74.1

Tabel: 271 Brand rood: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2000	10	86.8	105.2	116.7	52.1	45.0	45.8
2003	12	92.8	102.8	111.0	70.9	59.6	60.0
2004	24	95.3	103.1	108.3	65.8	57.3	56.0
2005	14	95.9	102.2	107.6	96.9	83.2	84.4
2006	26	92.5	103.5	111.2	73.3	63.1	61.6
2007	28	93.9	102.2	110.0	75.6	65.0	63.0
2008	41	94.0	101.9	109.7	82.1	70.8	69.6
2009	49	95.6	102.3	108.1	92.6	79.0	78.5
2010	46	95.7	102.1	108.0	91.7	78.2	76.7
2011	58	93.9	102.8	109.8	83.7	70.6	70.4
2012	66	93.5	103.7	110.3	86.4	73.9	74.4
2013	65	94.0	102.9	109.7	76.0	64.6	65.3
2014	70	96.3	101.4	107.4	78.3	66.1	65.8
2015	56	95.7	101.3	107.8	76.4	65.4	65.4
2016	61	97.6	100.3	106.0	79.0	66.9	67.1
2017	58	96.8	101.5	106.8	48.5	41.6	41.4

2018	56	97.1	100.9	106.5	44.9	37.9	38.4
2019	25	96.2	101.4	107.4	33.4	28.6	29.0

Tabel: 272 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	100.2	107.8	96.2	101.8	105.2	99.8	98.0	97.5	111.5	97.0	101.5
2004	29	101.1	109.7	95.8	101.7	107.0	99.5	97.4	99.6	113.8	95.9	102.3
2005	19	100.7	110.5	97.6	101.1	108.1	100.8	96.6	99.2	115.2	97.4	102.1
2006	29	98.9	107.2	95.9	100.6	104.4	99.8	96.6	97.9	110.9	96.4	100.2
2007	26	98.2	107.5	95.5	100.2	104.6	100.0	95.5	97.2	111.7	96.3	99.7
2008	34	98.9	107.8	96.7	100.4	104.9	100.5	96.0	97.7	111.9	97.1	100.2
2009	20	99.8	109.5	97.0	100.7	107.0	100.2	96.5	97.8	114.0	97.2	101.0
2010	22	99.8	109.4	96.8	101.1	107.1	100.5	97.0	96.9	113.7	98.0	101.0
2011	12	100.2	108.8	96.0	101.0	106.7	99.4	97.1	98.4	113.6	96.4	101.3

Tabel: 273 Brand rood: Kalvervitaliteit
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2003	12	107.9	101.7	99.8
2004	35	108.0	101.7	99.9
2005	30	107.9	101.6	100.1
2006	32	108.7	102.5	100.5
2007	41	108.5	102.3	100.7
2008	56	108.6	102.5	100.4
2009	57	108.2	102.1	100.3
2010	70	108.0	102.0	100.2
2011	77	108.5	102.3	100.4
2012	92	107.8	101.8	100.6
2013	102	107.3	101.2	100.5
2014	96	107.5	101.3	100.6
2015	54	107.0	101.1	100.4
2016	64	107.5	101.5	100.3
2017	65	107.7	101.6	100.6
2018	72	107.7	101.8	100.8
2019	17	107.8	101.6	100.8

Tabel: 274 Brand rood: Levensproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	13	-1845.7	-5784.3	-326.9	-262.8
2007	12	-2576.1	-8708.5	-464.4	-360.6
2008	12	-2300.1	-7823.1	-414.2	-322.0
2009	16	-2221.6	-7674.1	-403.6	-309.2
2010	14	-2296.0	-7677.2	-419.0	-319.1
2011	16	-1969.6	-6342.4	-356.1	-276.2
2012	17	-1587.4	-4644.5	-290.6	-222.4
2013	16	-1204.0	-3145.5	-224.5	-167.9
2014	16	-1116.6	-3200.4	-201.6	-158.1

Tabel: 275 Brand rood: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
2004	17	100.5	101.2	17	-2.3	0	0.0
2006	12	102.1	100.5	12	-2.2	0	0.0
2007	19	101.8	99.5	19	-2.5	1	90.0
2008	17	102.0	99.8	17	-1.9	0	0.0
2009	15	101.9	100.4	15	-1.9	0	0.0
2010	18	101.7	100.7	18	-1.7	0	0.0
2011	20	101.3	100.0	20	-1.8	0	0.0
2012	18	102.1	100.6	18	-1.4	0	0.0
2013	27	100.8	100.0	27	-1.3	0	0.0
2014	22	101.2	100.0	22	-1.4	0	0.0

Tabel: 276 Fleck Vieh: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	11	-400.4	-22.8	-23.0	-27.9	-7.5	-13.5	-16.0	-150.5
1985	13	-147.7	-15.2	-13.8	-16.5	-12.5	-13.1	-15.5	-93.3
1986	16	-57.6	-8.1	-11.8	-12.2	-8.2	-15.1	-15.1	-68.9
1987	38	-217.6	-13.6	-17.5	-19.6	-5.2	-15.1	-15.6	-106.2
1988	31	-457.7	-24.5	-26.6	-30.5	-6.5	-16.0	-16.0	-169.7
1989	31	-458.3	-18.4	-25.4	-30.5	5.2	-13.5	-15.9	-151.9
1990	55	25.9	-8.5	-10.6	-8.4	-14.0	-17.6	-15.0	-63.8
1991	40	-154.5	-12.6	-17.1	-16.7	-7.9	-18.0	-15.4	-101.7
1992	51	170.3	-2.9	-7.9	-1.8	-14.6	-21.2	-14.9	-39.0
1993	48	101.2	-7.9	-11.5	-5.0	-17.7	-22.8	-15.0	-65.4
1994	60	183.2	-1.7	-7.2	-1.3	-14.4	-20.9	-14.8	-33.3
1995	91	163.7	5.3	-5.5	-2.2	-2.4	-17.3	-14.9	-12.3
1996	88	213.5	1.6	-4.2	0.1	-11.1	-18.0	-14.8	-13.8
1997	90	73.7	-3.9	-9.9	-6.3	-10.6	-19.3	-15.0	-50.9
1998	204	-119.0	-11.9	-14.4	-15.0	-10.0	-15.6	-15.3	-88.5
1999	256	-22.6	-8.2	-11.7	-10.7	-10.6	-16.7	-15.2	-68.4
2000	245	-2.8	-10.7	-11.6	-9.8	-16.2	-17.8	-15.2	-73.2
2001	452	-86.0	-17.1	-13.8	-13.3	-20.8	-16.6	-14.9	-96.8
2002	516	-90.2	-16.0	-14.5	-13.8	-18.7	-17.5	-15.3	-97.2
2003	539	-92.1	-13.9	-13.9	-14.4	-15.0	-16.2	-16.2	-90.4
2004	445	184.7	-5.3	-5.3	-2.4	-20.0	-18.0	-16.7	-33.6
2005	904	176.9	-5.1	-5.6	-3.2	-19.3	-18.1	-17.4	-34.6
2006	584	294.0	0.6	-1.1	2.8	-18.1	-17.4	-16.2	-2.2
2007	491	345.5	1.8	1.9	5.7	-19.7	-15.6	-15.3	13.4
2008	611	312.7	-0.3	-0.4	3.7	-20.9	-17.6	-16.0	-1.2
2009	503	356.9	2.7	1.8	5.5	-19.1	-16.5	-16.3	14.7
2010	727	552.4	9.2	7.4	14.8	-21.8	-18.3	-15.4	54.1
2011	642	645.1	12.7	11.0	17.7	-22.4	-17.7	-17.1	77.2
2012	738	825.7	21.1	17.6	27.1	-21.1	-17.3	-15.3	124.8
2013	786	907.4	25.1	20.9	30.6	-20.3	-16.8	-15.5	147.7
2014	819	986.4	28.9	23.4	33.9	-19.5	-17.1	-15.7	166.8
2015	796	1100.8	34.2	27.3	38.7	-19.2	-17.3	-16.0	195.3
2016	724	1202.7	38.1	30.2	41.5	-19.9	-18.3	-18.3	216.2
2017	155	1340.3	43.5	33.6	45.8	-20.5	-20.1	-20.6	243.0

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

Tabel: 277 Fleck Vieh: Exterieurkenmerken bouw
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1989	12	104.0	102.5	99.8	99.1	102.1	98.1	93.8
1990	28	105.0	103.3	100.0	99.0	102.9	99.8	93.5
1991	10	104.6	104.1	99.7	98.0	104.6	100.7	92.6
1992	22	105.4	103.2	100.1	99.3	102.9	99.8	93.4
1993	27	105.7	103.7	100.1	99.1	103.7	101.4	93.3
1994	30	105.2	104.7	100.2	98.4	104.5	101.5	93.1
1995	41	104.8	104.6	100.4	99.0	104.0	99.3	92.8
1996	30	105.3	104.5	99.9	98.6	104.5	100.3	92.9
1997	35	105.1	103.8	100.1	99.2	103.9	99.9	93.3
1998	37	104.6	103.5	100.1	99.1	103.1	99.8	93.3
1999	60	105.0	103.7	100.0	99.2	103.2	100.1	93.2
2000	41	104.7	104.0	99.9	98.3	104.0	100.2	93.5
2001	59	104.5	104.5	100.3	98.6	103.7	99.6	93.3
2002	63	104.3	104.5	99.7	97.7	104.7	100.5	93.1
2003	71	105.2	104.3	100.3	98.6	104.1	100.6	93.4
2004	53	104.4	104.4	99.5	97.6	104.1	100.3	93.1
2005	103	105.1	104.4	99.6	97.9	104.0	101.5	93.4
2006	54	104.9	104.7	100.1	98.2	104.1	100.9	93.4
2007	44	105.1	105.4	100.5	98.2	104.8	100.5	94.2
2008	51	105.2	104.9	100.2	98.2	104.6	101.0	93.9
2009	39	104.8	105.0	99.9	97.6	104.7	100.8	93.2
2010	46	105.0	104.5	100.0	97.9	104.6	100.8	93.4
2011	25	104.5	104.3	99.2	97.2	104.7	101.0	92.8
2012	18	104.3	104.2	100.9	99.4	104.5	100.6	92.9
2013	36	106.7	104.1	101.5	99.8	104.2	100.4	93.2
2014	20	105.2	104.0	101.2	99.4	104.0	100.8	93.3
2015	17	107.5	104.9	103.2	102.1	103.2	101.3	95.5
2016	11	107.8	104.5	103.2	102.4	103.4	101.5	94.0

Tabel: 278 Fleck Vieh: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1989	12	99.4	95.7	103.2	99.6
1990	28	100.5	95.7	106.1	100.0
1991	10	99.7	96.0	106.5	99.3
1992	22	100.7	95.8	106.1	100.1
1993	27	102.4	95.4	108.0	101.3
1994	30	102.7	95.2	108.4	101.8
1995	41	101.0	95.3	108.0	100.6
1996	30	101.6	95.4	108.8	100.9
1997	35	101.0	95.8	107.4	100.3
1998	37	101.8	95.2	107.3	101.2
1999	60	101.5	95.3	107.5	100.8
2000	41	102.4	94.6	108.2	101.5
2001	59	102.3	95.3	108.4	101.7
2002	63	102.1	94.6	108.8	101.3
2003	71	101.5	95.3	107.8	100.9
2004	53	101.4	94.2	109.3	101.0
2005	103	101.4	95.2	107.8	101.1
2006	54	101.6	95.7	107.8	101.0
2007	44	102.1	95.3	109.1	101.8

2008	51	102.7	95.2	109.3	102.1
2009	39	102.3	95.1	109.1	101.9
2010	46	102.5	95.1	109.4	101.8
2011	25	102.1	94.9	109.6	101.6
2012	18	102.3	94.5	109.5	101.2
2013	36	102.1	96.1	108.0	101.5
2014	20	101.8	96.7	107.9	101.2
2015	17	101.9	97.1	106.9	101.6
2016	11	102.7	96.3	107.3	102.0

Tabel: 279 Fleck Vieh: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1989	12	99.7	99.7	99.7	100.5	94.6	97.9	97.2
1990	28	99.6	99.5	100.4	100.2	93.7	98.0	97.1
1991	10	100.6	100.0	101.0	100.4	93.1	98.6	97.5
1992	22	99.2	99.3	99.7	100.0	93.6	97.8	97.0
1993	27	99.5	98.9	99.8	100.3	93.6	97.9	96.9
1994	30	99.1	98.9	100.6	99.4	93.1	97.8	96.9
1995	41	99.8	99.8	99.3	100.0	93.3	98.0	97.0
1996	30	101.1	100.6	99.4	101.1	93.9	97.7	97.1
1997	35	100.7	100.5	98.9	100.8	93.9	98.1	97.5
1998	37	99.9	100.2	100.4	100.1	94.5	98.3	97.6
1999	60	100.0	100.0	99.8	100.0	94.1	98.0	97.4
2000	41	99.8	99.5	100.7	99.9	93.9	98.3	97.5
2001	59	100.0	99.6	100.9	99.9	93.9	98.4	97.6
2002	63	100.5	99.5	100.7	100.4	93.9	96.9	96.6
2003	71	100.2	99.3	101.0	99.8	93.7	97.4	96.8
2004	53	100.5	99.9	100.6	100.2	94.0	97.4	96.9
2005	103	99.7	99.1	100.4	100.0	93.2	97.0	96.5
2006	54	99.4	99.4	100.0	99.7	93.3	97.9	97.1
2007	44	100.0	100.2	100.2	99.6	93.3	98.0	97.7
2008	51	100.5	99.4	100.5	100.3	94.0	97.0	96.4
2009	39	100.4	100.6	101.3	100.3	93.2	97.8	97.5
2010	46	101.2	99.5	100.5	100.8	93.8	96.8	96.8
2011	25	100.1	99.2	102.1	99.4	92.5	97.2	97.0
2012	18	101.3	100.6	99.5	100.8	95.2	97.2	96.8
2013	36	101.7	101.4	100.3	100.8	95.1	98.1	98.2
2014	20	102.2	100.2	100.8	101.7	94.8	97.2	97.1
2015	17	101.2	102.8	99.4	100.8	95.8	98.8	99.0
2016	11	103.0	103.4	99.4	102.3	97.2	98.6	99.1

Tabel: 280 Fleck Vieh: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1989	12	96.5	100.2	98.2	98.5	106.2	97.3
1990	28	97.4	100.5	97.6	99.6	106.6	97.8
1991	10	97.6	100.6	97.9	99.2	107.6	97.8
1992	22	97.3	100.5	97.5	99.9	106.1	97.9
1993	27	98.4	100.9	97.7	101.4	106.8	99.1
1994	30	98.5	100.8	97.0	101.8	108.0	99.0
1995	41	97.3	100.7	97.7	100.4	107.2	98.1
1996	30	97.7	100.9	98.7	101.0	107.8	99.4
1997	35	97.5	100.9	98.5	100.1	106.8	98.6

1998	37	97.4	100.5	98.2	100.8	106.6	98.7
1999	60	97.5	100.5	97.9	100.6	106.7	98.5
2000	41	97.9	100.6	97.8	101.1	107.6	98.8
2001	59	97.6	100.3	97.8	101.6	107.4	99.1
2002	63	97.7	100.2	98.1	101.0	108.3	98.8
2003	71	98.2	100.7	97.7	100.7	107.6	98.7
2004	53	97.5	99.9	98.2	100.4	107.9	98.5
2005	103	98.4	100.1	97.3	100.7	107.7	98.5
2006	54	98.3	100.2	97.3	101.0	107.9	98.7
2007	44	98.6	100.7	97.4	101.8	108.8	99.3
2008	51	98.7	100.7	98.1	102.2	108.5	99.8
2009	39	98.1	100.1	97.8	101.8	108.6	99.3
2010	46	98.2	100.3	98.4	101.7	108.3	99.5
2011	25	97.5	99.8	97.0	101.2	108.2	98.3
2012	18	98.1	101.1	99.1	100.8	107.5	99.5
2013	36	98.3	101.3	99.1	101.6	107.7	100.1
2014	20	98.5	101.1	99.3	101.4	107.3	100.0
2015	17	100.4	102.1	99.3	101.9	107.3	101.1
2016	11	99.5	102.1	101.1	102.1	106.9	101.6

Tabel: 281 Fleck Vieh: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	13	99.2	105.1	101.8	104.1	101.9	98.9	101.1	103.1
1985	22	97.9	106.0	101.8	104.7	101.3	98.3	101.5	103.4
1986	22	98.8	105.4	102.0	104.7	101.9	98.7	101.2	103.6
1987	46	98.9	105.4	102.3	104.6	102.2	98.5	101.2	103.7
1988	51	99.6	105.3	102.2	104.5	102.4	98.3	101.3	103.5
1989	30	99.0	105.1	101.7	104.3	102.4	98.6	101.0	103.3
1990	53	99.0	104.8	101.8	103.9	102.1	98.5	100.7	103.1
1991	44	99.1	104.9	101.9	104.1	102.3	98.5	100.7	103.2
1992	44	98.7	104.6	101.5	103.6	101.7	98.4	100.7	102.8
1993	45	99.0	104.5	101.7	103.7	102.1	98.8	100.6	102.9
1994	57	99.0	105.0	102.2	104.2	102.2	98.5	100.6	103.5
1995	90	99.9	104.6	102.8	104.4	103.1	98.8	99.9	103.8
1996	82	99.6	104.8	102.5	104.3	102.5	98.6	99.4	103.6
1997	76	99.5	104.8	102.6	104.4	102.7	98.7	100.1	103.7
1998	166	98.7	104.7	101.7	103.7	101.5	98.4	99.7	102.9
1999	218	98.6	104.9	101.8	104.0	101.5	98.4	99.9	103.1
2000	213	97.0	104.8	100.4	102.9	99.7	97.6	100.8	101.8
2001	343	96.7	104.9	100.3	103.1	99.4	97.8	100.8	101.8
2002	429	98.1	103.9	100.5	102.5	99.7	97.8	98.9	101.6
2003	459	97.9	104.2	100.6	102.7	99.8	97.8	99.3	101.8
2004	455	97.7	104.4	100.7	103.0	100.2	97.7	100.7	102.0
2005	943	97.9	104.2	100.7	102.9	100.3	97.7	100.1	101.9
2006	638	97.9	104.0	100.5	102.7	100.1	97.5	100.2	101.7
2007	556	98.0	104.2	100.9	103.1	100.6	97.8	100.4	102.1
2008	710	98.3	104.1	101.1	103.2	100.7	98.1	100.6	102.3
2009	589	98.4	104.7	101.7	103.9	101.3	98.4	103.0	103.1
2010	902	98.6	104.4	101.7	103.9	101.4	98.6	103.2	103.0
2011	768	98.6	104.6	101.9	104.1	101.8	98.6	103.5	103.2
2012	966	99.3	104.2	102.2	104.2	102.5	98.8	103.8	103.4
2013	978	99.6	104.1	102.5	104.2	102.9	98.7	103.6	103.5
2014	1060	99.8	103.9	102.6	104.3	103.2	99.0	104.0	103.7
2015	1081	99.7	103.8	102.5	104.1	103.1	98.8	104.3	103.6
2016	1007	99.6	103.6	102.4	103.9	103.0	98.6	104.2	103.4
2017	479	99.7	103.5	102.5	103.9	103.2	98.7	104.2	103.5

Tabel: 282 Fleck Vieh: Gebruikskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	13	96.8	38.3	102.7	104.2	104.6
1992	11	97.7	64.0	103.1	104.2	104.1
1993	21	97.9	29.1	103.5	104.6	103.9
1994	26	97.0	62.2	103.3	104.2	104.2
1995	37	96.4	87.0	103.3	103.7	103.7
1996	26	96.4	81.0	103.0	104.2	104.2
1997	29	96.6	92.8	102.8	104.2	103.8
1998	26	96.4	74.3	102.5	104.2	103.9
1999	50	97.0	78.7	102.3	104.0	103.8
2000	32	95.9	59.3	101.5	103.0	103.7
2001	47	95.6	84.9	101.1	102.8	103.9
2002	44	96.1	77.8	101.6	104.2	104.4
2003	58	95.8	83.9	101.2	103.7	104.2
2004	42	96.2	90.8	102.2	103.3	104.1
2005	85	97.6	90.2	101.9	103.4	104.0
2006	44	97.3	89.1	102.2	103.8	103.8
2007	37	96.8	84.5	101.9	102.9	103.2
2008	43	97.1	84.5	102.0	103.1	103.4
2009	36	96.9	84.3	102.1	103.2	103.3
2010	41	97.2	98.0	102.8	103.8	103.9
2011	25	97.6	96.7	102.9	103.8	103.8
2012	17	98.5	101.4	103.5	104.2	103.6
2013	34	96.8	100.0	103.9	104.6	103.7
2014	20	97.0	100.4	103.8	104.5	103.3
2015	17	97.1	100.2	104.1	104.7	103.3

Tabel: 283 Fleck Vieh: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1986	12	25.9	-68.9	235.0	105.8	103.6	97.0	100.2	101.8
1987	26	-7.8	-106.2	220.3	104.8	103.7	96.8	97.2	101.0
1988	27	-21.8	-169.7	47.3	105.0	103.5	97.6	98.6	103.0
1989	25	-14.2	-151.9	66.1	105.1	103.3	98.2	98.5	100.9
1990	52	34.6	-63.8	186.0	104.9	103.1	97.6	99.6	101.9
1991	31	25.9	-101.7	123.0	105.3	103.2	97.9	99.2	101.8
1992	42	59.7	-39.0	278.0	104.6	102.8	97.5	99.9	101.6
1993	44	60.4	-65.4	305.2	104.7	102.9	97.7	101.4	102.3
1994	53	77.6	-33.3	306.5	104.7	103.5	97.0	101.8	102.5
1995	81	82.6	-12.3	355.1	104.2	103.8	97.7	100.4	102.6
1996	77	77.0	-13.8	325.1	104.6	103.6	98.7	101.0	102.5
1997	79	70.3	-50.9	338.2	104.4	103.7	98.5	100.1	102.4
1998	177	38.4	-88.5	279.5	104.5	102.9	98.2	100.8	101.8
1999	229	48.5	-68.4	277.0	104.3	103.1	97.9	100.6	101.9
2000	220	37.0	-73.2	244.9	103.8	101.8	97.8	101.1	102.6
2001	384	31.7	-96.8	251.9	103.9	101.8	97.8	101.6	103.1
2002	456	35.1	-97.2	250.4	104.8	101.6	98.1	101.0	102.6
2003	477	36.8	-90.4	176.0	104.5	101.8	97.7	100.7	102.4
2004	425	56.8	-33.6	124.6	104.2	102.0	98.2	100.4	102.3
2005	882	56.4	-34.6	124.9	104.2	101.9	97.3	100.7	102.5
2006	573	76.0	-2.2	156.2	104.3	101.7	97.3	101.0	102.5
2007	470	81.9	13.4	163.3	103.4	102.1	97.4	101.8	102.6
2008	597	90.9	-1.2	185.0	103.6	102.3	98.1	102.2	102.6

2009	496	103.0	14.7	174.8	103.6	103.1	97.8	101.8	102.5
2010	706	127.0	54.1	207.8	104.3	103.0	98.4	101.7	102.6
2011	627	130.9	77.2	205.1	104.3	103.2	97.0	101.2	102.5
2012	734	153.4	124.8	222.0	104.3	103.4	99.1	100.8	103.0
2013	781	159.5	147.7	240.3	104.5	103.5	99.1	101.6	103.1
2014	811	173.6	166.8	259.6	104.2	103.7	99.3	101.4	103.2
2015	796	181.5	195.3	265.2	104.3	103.6	99.3	101.9	103.4
2016	724	188.4	216.2	290.6	104.5	103.4	101.1	102.1	103.2
2017	155	204.1	243.0	336.3	104.6	103.5	101.0	102.0	103.1

Tabel: 284 Fleck Vieh: Klauwgezondheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	11	96.1	93.0	98.1	98.7	98.2	104.5	98.0
2003	14	97.4	93.1	98.9	100.5	98.8	105.2	98.2
2004	16	98.2	93.2	100.2	100.9	98.9	106.0	98.3
2005	24	97.0	92.2	99.4	100.3	97.5	105.9	97.8
2006	20	97.2	92.0	100.0	100.7	97.5	106.1	97.3
2007	23	98.4	93.3	100.6	100.7	99.4	106.5	97.7
2008	31	97.5	93.0	99.4	100.2	99.3	106.2	97.6
2009	18	97.5	93.1	99.3	100.0	99.1	106.4	98.1
2010	43	97.9	93.7	99.4	100.1	99.7	106.3	98.1
2011	35	97.5	92.8	99.7	100.1	98.9	106.3	97.8
2012	37	98.0	93.8	99.5	100.1	99.6	106.3	98.0
2013	58	97.2	94.3	98.2	99.3	99.4	105.3	98.8
2014	42	97.4	93.1	99.4	99.4	99.2	106.2	98.1
2015	67	97.2	93.7	98.7	99.3	99.0	105.7	98.2
2016	36	97.2	93.5	98.7	99.5	99.2	105.7	98.4

Tabel: 285 Fleck Vieh: Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1990	14	98.9	102.6	98.9	102.6	100.2	104.4
1992	21	98.6	102.7	98.6	102.7	99.9	104.3
1993	30	98.7	103.5	98.7	103.5	100.1	105.3
1994	38	99.1	103.5	99.1	103.5	100.4	105.1
1995	66	99.4	103.4	99.4	103.4	100.0	104.8
1996	53	99.2	103.2	99.2	103.2	100.0	104.8
1997	58	99.5	103.3	99.5	103.3	100.0	104.8
1998	81	99.1	102.7	99.1	102.7	99.7	104.5
1999	113	99.0	101.7	99.0	101.7	99.6	103.4
2000	92	99.9	103.0	99.9	103.0	100.4	105.1
2001	139	100.3	102.3	100.3	102.3	100.8	104.2
2002	158	99.6	102.9	99.6	102.9	100.3	104.9
2003	184	99.2	102.8	99.2	102.8	100.2	105.0
2004	196	99.5	102.7	99.5	102.7	100.2	105.1
2005	361	99.3	102.3	99.3	102.3	100.1	104.7
2006	300	99.3	102.7	99.3	102.7	99.8	104.8
2007	322	99.3	103.1	99.3	103.1	100.1	105.1
2008	465	99.4	103.0	99.4	103.0	100.3	105.1
2009	464	99.0	102.5	99.0	102.5	100.0	104.3
2010	681	99.4	102.6	99.4	102.6	100.6	104.4
2011	629	99.3	102.7	99.3	102.7	100.5	104.3
2012	924	99.5	103.0	99.5	103.0	100.9	104.3

2013	1005	99.7	103.4	99.7	103.4	101.1	104.6
2014	1200	99.8	103.4	99.8	103.4	101.0	104.5
2015	1472	99.9	103.2	99.9	103.2	101.0	104.2
2016	1519	99.6	103.1	99.6	103.1	100.7	104.1
2017	1420	99.5	103.0	99.5	103.0	100.6	104.1
2018	1359	99.3	101.5	99.3	101.5	100.5	102.6
2019	613	99.4	100.3	99.4	100.3	100.5	101.5

Tabel: 286 Fleck Vieh: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	30	90.4	113.1	114.6	60.4	48.1	49.6
1991	13	91.2	113.5	114.2	26.4	20.8	21.2
1992	31	91.0	113.7	114.2	58.3	46.9	48.4
1993	33	91.4	113.2	113.7	89.0	70.9	73.3
1994	36	90.2	113.8	115.2	100.9	80.4	82.5
1995	73	90.5	113.5	114.7	89.5	71.6	73.6
1996	48	90.5	113.8	114.5	98.5	79.3	81.1
1997	60	90.7	113.1	114.4	88.7	70.0	72.2
1998	82	90.7	113.2	114.5	83.7	67.1	68.6
1999	109	90.5	113.1	114.6	87.6	69.9	71.7
2000	99	90.4	113.7	115.0	77.7	62.1	63.4
2001	131	90.9	112.9	114.6	84.4	67.0	69.1
2002	159	90.4	113.2	114.9	87.1	68.8	71.0
2003	180	90.6	113.5	114.7	86.0	67.9	69.6
2004	198	90.5	113.5	114.8	89.4	70.5	72.4
2005	352	90.4	113.3	115.0	89.8	69.8	72.6
2006	322	90.5	113.3	115.0	95.3	74.4	76.9
2007	284	90.3	113.7	115.1	98.1	76.0	78.8
2008	365	90.2	113.1	115.2	99.3	76.6	79.1
2009	367	89.6	113.4	115.7	100.8	78.4	81.0
2010	508	90.1	113.4	115.3	103.0	80.6	83.3
2011	422	90.3	112.7	115.0	105.3	82.4	85.6
2012	642	91.2	111.2	114.1	109.4	86.8	89.0
2013	670	91.2	111.6	113.9	110.9	87.8	90.5
2014	715	91.6	111.0	113.7	111.1	88.1	90.6
2015	872	92.2	110.4	112.9	112.3	89.6	91.8
2016	774	92.5	110.3	112.5	112.1	89.1	91.3
2017	835	92.8	110.6	112.2	110.3	88.1	90.5
2018	654	93.1	110.3	111.9	106.9	85.2	87.6
2019	315	93.0	110.5	111.9	106.9	84.9	87.3

Tabel: 287 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
1987	11	105.3	112.0	99.8	106.1	106.1	101.8	103.9	97.9	111.1	100.7	111.9
1990	34	106.1	112.4	99.3	107.5	106.1	101.8	104.7	98.3	110.9	101.2	112.6
1991	21	105.9	113.0	99.1	107.5	106.6	101.8	104.4	98.0	111.2	101.1	112.6
1992	38	105.5	111.9	99.5	107.1	105.8	102.2	103.9	98.6	110.7	101.0	112.3
1993	37	104.7	113.7	99.8	107.4	107.2	103.1	102.2	98.9	111.8	99.7	111.1
1994	46	105.0	113.7	100.2	107.8	106.7	103.1	102.7	98.8	111.0	99.9	111.0
1995	74	104.6	113.0	101.0	107.9	106.1	103.5	102.6	98.7	110.4	100.7	110.5
1996	56	104.2	114.1	100.4	108.0	107.1	103.5	101.6	99.2	110.9	99.4	109.4
1997	63	104.4	114.7	100.4	108.2	107.6	103.3	102.2	98.2	111.5	99.5	109.5

1998	103	103.8	114.1	100.5	108.2	107.2	103.6	101.6	98.4	110.5	99.0	108.5
1999	135	104.3	113.8	100.5	108.2	107.4	103.5	102.0	98.5	110.6	99.2	109.0
2000	117	104.0	114.8	100.1	108.4	107.6	103.5	101.4	98.8	111.0	98.4	108.8
2001	162	103.8	115.1	100.3	108.7	108.2	103.4	101.3	98.4	110.9	98.1	108.0
2002	213	103.7	115.4	100.2	109.0	108.2	103.6	101.2	98.4	110.7	97.9	107.8
2003	257	104.2	115.5	100.1	109.0	108.6	103.4	101.6	98.6	111.0	98.2	108.3
2004	265	104.4	115.4	100.1	109.1	108.2	103.5	101.9	98.5	111.2	98.9	109.2
2005	567	104.3	115.5	100.4	108.7	108.8	103.4	101.8	98.0	111.5	98.9	109.0
2006	394	104.5	115.1	100.6	108.5	108.6	103.5	102.1	98.2	111.4	99.0	109.2
2007	286	105.2	114.8	100.4	108.4	108.5	103.0	102.7	98.8	111.4	99.1	110.0
2008	318	105.1	114.8	100.4	108.6	108.3	103.1	102.8	98.6	111.3	99.6	110.0
2009	253	105.1	114.6	100.4	108.8	107.6	103.3	103.1	98.4	111.0	100.5	110.4
2010	261	104.9	113.7	100.7	107.9	107.1	103.1	103.1	98.1	110.9	100.4	110.3
2011	150	105.3	112.4	100.8	107.4	106.5	102.7	103.7	98.3	110.3	100.9	110.6
2012	104	105.5	111.0	100.9	107.1	105.4	102.5	104.5	98.0	109.3	101.3	111.1
2013	78	105.4	110.8	100.9	107.3	104.7	103.1	104.1	99.4	109.0	101.2	111.1
2014	41	105.7	109.5	101.1	106.7	104.4	102.5	104.9	98.6	108.8	102.0	111.4
2015	16	105.4	107.6	100.3	106.6	103.0	101.1	105.6	97.8	106.8	101.0	110.9
2016	11	104.6	107.1	100.6	105.7	102.5	101.7	104.5	99.3	106.2	101.0	109.5

Tabel: 288 Fleck Vieh: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	15	97.1	97.4	91.5
1992	19	96.8	96.6	91.9
1993	28	97.0	97.0	91.0
1994	33	96.5	96.7	91.7
1995	63	96.3	96.8	90.7
1996	50	96.6	96.9	91.2
1997	54	96.2	96.4	91.3
1998	75	96.7	96.9	92.1
1999	106	96.7	96.8	92.3
2000	87	94.0	93.8	93.3
2001	128	94.3	94.2	92.4
2002	160	94.6	94.4	93.2
2003	185	97.0	96.7	93.8
2004	198	96.6	96.3	93.4
2005	376	96.3	96.0	93.5
2006	309	96.9	96.7	93.4
2007	338	97.0	96.8	93.6
2008	511	97.0	96.8	92.8
2009	518	97.2	97.0	93.0
2010	726	97.2	97.0	92.9
2011	663	97.3	97.0	93.0
2012	973	97.7	97.6	92.6
2013	1078	97.9	97.8	92.5
2014	1312	97.9	97.8	92.5
2015	1596	97.8	97.6	92.1
2016	1662	98.0	97.7	92.0
2017	1577	98.5	98.4	92.3
2018	1579	98.9	98.7	92.2
2019	633	99.0	98.9	91.9

Tabel: 289 Fleck Vieh: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	195	1072.1	6517.7	164.5	155.8
2002	221	963.8	5909.3	151.4	138.1
2003	297	546.4	4229.9	79.8	78.4
2004	344	358.4	3476.7	44.8	52.9
2005	715	341.6	3349.5	44.2	49.6
2006	466	697.3	4775.7	105.2	100.5
2007	383	815.8	5192.7	120.2	120.3
2008	495	929.8	5768.7	141.3	135.5
2009	441	902.2	5595.2	138.8	130.5
2010	636	1277.7	7331.8	201.9	184.1
2011	585	1356.7	7626.9	213.8	196.4
2012	715	1685.6	8923.6	272.4	242.2
2013	769	1925.3	9861.3	313.9	276.3
2014	799	2142.5	10761.0	354.3	305.7
2015	793	2299.6	11404.3	382.3	327.6
2016	700	2581.1	12602.0	433.0	366.6
2017	149	3037.0	14640.6	516.8	428.4

Tabel: 290 Fleck Vies: Robot / AMS kenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1990	17	95.9	111.6	97.4
1992	16	96.7	112.0	98.1
1993	24	98.1	111.8	97.9
1994	32	96.9	111.9	98.0
1995	54	96.8	112.0	97.4
1996	33	96.3	112.0	97.3
1997	37	96.5	112.3	97.8
1998	47	96.7	112.3	97.8
1999	69	97.1	112.0	98.1
2000	60	97.0	112.6	97.9
2001	80	97.3	112.5	97.2
2002	73	94.9	112.1	98.8
2003	83	95.1	112.2	98.8
2004	83	95.9	111.5	98.0
2005	144	96.0	110.7	98.7
2006	127	95.8	111.8	98.3
2007	126	96.1	111.3	98.0
2008	182	95.7	111.2	98.1
2009	148	95.7	111.0	98.6
2010	261	95.9	111.1	98.2
2011	256	95.6	111.7	98.4
2012	292	97.2	112.0	97.8
2013	256	97.6	112.7	97.5
2014	235	98.1	113.6	97.4
2015	285	99.0	114.0	97.3
2016	259	99.7	114.5	97.3
2017	61	99.8	114.5	97.3

Tabel: 291 Fleck Vies: Overige productie en efficiency kenm.
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
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1984	11	99.4	100.2	0	0.0	0	0.0
1985	13	100.4	100.2	13	-0.7	0	0.0
1986	16	99.7	98.6	16	-0.4	0	0.0
1987	37	99.6	99.1	39	-0.8	0	0.0
1988	31	99.4	99.4	32	-1.4	0	0.0
1989	31	100.9	100.7	31	-1.1	0	0.0
1990	55	99.4	99.6	55	-0.1	0	0.0
1991	40	100.1	100.6	40	-0.6	0	0.0
1992	51	100.2	100.1	51	0.1	0	0.0
1993	48	99.8	99.7	48	-0.0	0	0.0
1994	60	100.2	99.4	61	0.3	0	0.0
1995	91	99.6	98.5	93	0.4	0	0.0
1996	88	100.0	99.5	88	0.3	0	0.0
1997	90	98.8	99.7	89	-0.1	0	0.0
1998	204	98.0	99.9	204	-0.6	0	0.0
1999	256	97.9	100.0	256	-0.3	0	0.0
2000	245	98.1	99.9	245	-0.3	0	0.0
2001	452	97.9	100.3	452	-0.6	41	105.1
2002	516	97.6	99.7	516	-0.6	41	105.2
2003	539	99.4	99.3	539	-0.5	55	105.0
2004	445	97.7	99.8	445	0.3	47	104.4
2005	904	97.8	99.4	904	0.2	94	104.6
2006	584	99.2	100.1	583	0.5	49	105.3
2007	491	98.8	100.5	491	0.8	43	105.9
2008	611	99.0	99.7	611	0.6	42	106.0
2009	503	98.9	99.5	503	0.9	37	105.2
2010	727	99.4	99.7	727	1.2	42	105.0
2011	642	99.0	99.0	642	1.5	23	104.3
2012	738	99.6	98.6	738	1.9	17	104.5
2013	786	99.8	98.6	786	2.1	35	105.1
2014	819	100.3	98.5	820	2.4	18	104.5
2015	796	100.3	98.3	796	2.6	17	106.3
2016	724	100.5	98.4	724	2.8	11	105.9
2017	155	100.8	98.2	155	3.2	1	109.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1983	12	-1179.4	-47.3	-42.1	-53.8	8.3	0.6	-0.3	-288.1
1985	15	-1357.0	-55.7	-45.9	-61.9	7.7	4.5	-0.3	-323.9
1986	12	-1532.2	-57.2	-50.7	-69.9	18.0	6.9	-0.4	-348.8
1987	18	-1362.0	-55.9	-46.4	-62.2	8.8	4.0	-0.3	-326.6
1988	16	-1570.5	-59.6	-52.4	-71.8	17.1	6.6	-0.5	-361.6
1989	36	-1455.4	-55.6	-45.6	-66.5	14.6	10.2	-0.5	-323.8
1990	45	-1476.8	-56.1	-49.4	-67.4	16.0	5.9	-0.3	-340.4
1991	53	-1534.5	-58.9	-51.6	-70.0	15.6	5.7	-0.3	-356.5
1992	71	-1464.8	-56.4	-47.8	-66.8	14.5	7.6	-0.3	-334.6
1993	84	-1528.2	-57.1	-49.7	-69.8	17.8	8.3	-0.4	-344.7
1994	96	-1441.5	-56.1	-45.5	-65.7	13.1	9.8	-0.2	-324.4
1995	111	-1365.0	-53.2	-42.6	-62.3	12.2	9.8	-0.3	-305.2
1996	79	-1299.8	-49.9	-41.9	-59.4	12.8	7.4	-0.4	-294.7
1997	99	-1416.4	-54.9	-46.1	-64.7	13.2	7.7	-0.3	-323.5
1998	120	-1415.4	-54.1	-45.6	-64.6	14.3	8.2	-0.4	-320.1
1999	158	-1346.4	-52.5	-43.4	-61.5	11.9	7.8	-0.4	-306.6
2000	124	-1304.6	-51.8	-42.7	-58.9	10.2	6.6	0.7	-301.5
2001	206	-1264.1	-48.8	-40.2	-56.0	12.1	8.1	2.3	-284.1
2002	150	-1282.6	-48.5	-40.4	-56.2	13.6	8.9	3.3	-284.2
2003	149	-1130.2	-43.2	-35.7	-50.4	11.1	7.5	1.5	-252.0
2004	150	-1072.3	-41.8	-34.7	-47.7	9.3	6.0	1.5	-244.3

2005	126	-1050.8	-39.3	-33.2	-47.0	11.4	7.0	1.3	-232.7
2006	135	-1076.4	-40.5	-33.3	-48.4	11.5	8.0	0.7	-236.1
2007	128	-1042.3	-38.7	-31.9	-47.9	11.9	8.2	-0.7	-226.5
2008	97	-893.5	-34.4	-28.1	-41.1	8.4	6.1	-0.6	-199.8
2009	116	-693.6	-26.3	-22.2	-32.2	7.2	4.2	-0.9	-156.0
2010	123	-746.6	-28.0	-21.7	-35.3	7.9	7.4	-1.7	-158.6
2011	136	-743.0	-26.7	-21.4	-35.1	9.4	7.6	-1.8	-154.3
2012	121	-601.3	-21.7	-16.3	-28.9	7.6	7.5	-2.1	-121.1
2013	157	-390.6	-17.3	-11.3	-20.8	1.3	4.1	-3.8	-88.9
2014	121	-490.7	-18.1	-11.9	-24.9	6.0	8.0	-3.3	-94.4
2015	90	-296.6	-10.9	-6.9	-17.4	3.5	5.1	-5.0	-56.5
2016	72	-225.5	-11.5	-5.6	-15.6	-1.0	3.8	-6.8	-51.5
2017	24	-253.7	-9.2	-3.4	-18.0	3.5	7.7	-8.0	-38.5

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

Tabel: 293 Brown Swiss: Exterieurkenmerken bouw

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	12	94.9	99.2	93.8	93.6	103.4	100.1	90.5
1987	11	96.5	100.2	94.9	94.6	104.1	99.4	89.1
1988	11	95.2	99.5	93.3	93.1	103.9	98.5	90.9
1989	19	95.1	99.7	94.5	93.6	103.7	99.1	89.8
1990	27	95.9	100.0	94.0	93.3	104.4	99.8	89.6
1991	34	96.2	99.6	94.0	93.6	103.6	100.5	89.7
1992	46	96.0	99.3	94.2	94.0	103.0	100.2	90.2
1993	45	96.7	100.2	94.5	93.9	104.3	100.2	89.4
1994	51	96.5	100.1	95.0	94.4	103.4	100.3	90.5
1995	43	96.6	100.4	95.6	95.2	103.7	99.3	89.2
1996	43	97.0	100.7	95.5	94.7	104.1	99.8	90.0
1997	37	98.3	100.1	96.1	95.4	102.9	100.8	90.4
1998	54	97.2	99.8	95.2	94.6	103.3	100.6	89.6
1999	78	97.2	100.1	95.4	94.9	103.2	100.7	90.3
2000	39	98.2	100.9	96.1	95.3	104.1	101.3	90.6
2001	64	96.8	99.7	95.2	94.4	103.3	100.2	89.9
2002	26	98.1	101.1	96.8	96.0	103.9	99.9	90.2
2003	53	97.5	100.3	95.2	94.9	103.7	101.3	90.4
2004	48	98.5	100.7	95.7	95.1	104.2	100.5	90.1
2005	40	99.2	101.2	96.5	95.7	104.2	100.1	90.7
2006	49	97.7	100.8	95.7	95.1	104.2	99.4	89.6
2007	36	98.7	101.2	96.4	95.3	104.1	98.7	90.4
2008	42	99.4	101.2	96.5	96.0	103.8	100.1	90.9
2009	38	99.4	99.6	95.5	95.4	102.8	100.4	90.5
2010	45	100.0	101.0	96.1	95.8	103.6	100.3	90.9
2011	46	100.0	101.0	96.2	96.1	103.0	100.5	91.4
2012	47	100.6	101.4	96.7	96.1	103.4	100.8	91.1
2013	56	100.3	100.7	96.0	96.0	103.1	100.9	90.5
2014	33	100.7	100.9	96.4	96.5	103.0	100.3	89.9
2015	36	101.5	100.1	95.1	95.4	102.7	100.9	90.6
2016	29	101.4	101.4	96.6	96.6	103.9	100.8	90.8

Tabel: 294 Brown Swiss: Exterieurkenmerken beenwerk

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1985	12	109.6	97.2	110.4	108.9

1987	11	111.4	95.8	112.0	110.5
1988	11	110.6	95.9	111.3	110.1
1989	19	109.1	96.5	111.0	108.3
1990	27	109.1	95.7	111.3	108.1
1991	34	109.6	96.8	110.8	108.5
1992	46	109.7	96.7	111.1	108.5
1993	45	109.6	96.5	111.1	108.5
1994	51	109.0	96.5	110.9	107.9
1995	43	109.8	96.7	111.2	108.8
1996	43	109.9	97.1	111.4	108.4
1997	37	109.8	96.4	111.5	108.3
1998	54	109.9	96.2	111.8	108.4
1999	78	109.6	97.0	110.8	108.3
2000	39	110.1	96.4	111.1	108.6
2001	64	110.0	95.7	111.7	108.6
2002	26	110.3	96.9	111.6	108.7
2003	53	109.7	95.5	111.9	108.9
2004	48	109.7	95.9	111.4	108.4
2005	40	109.1	96.5	111.5	107.8
2006	49	109.9	97.4	111.0	108.6
2007	36	109.8	97.0	111.1	108.2
2008	42	109.6	96.9	111.0	108.5
2009	38	109.8	96.4	111.1	108.6
2010	45	110.7	96.2	111.9	109.3
2011	46	110.4	96.2	111.5	109.1
2012	47	109.5	96.0	112.0	108.0
2013	56	110.8	95.2	112.4	109.3
2014	33	111.2	95.2	113.0	109.7
2015	36	110.2	94.4	113.4	108.7
2016	29	110.9	94.9	112.7	109.4

Tabel: 295 Brown Swiss: Exterieurkenmerken uier
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	12	96.2	98.0	105.8	95.6	89.6	93.8	95.8
1987	11	96.5	99.1	105.9	97.0	90.5	94.6	96.4
1988	11	97.5	100.2	105.5	97.7	90.4	95.0	96.9
1989	19	96.5	98.6	106.4	96.2	90.5	94.6	96.3
1990	27	95.4	97.9	106.8	96.6	88.2	93.3	94.9
1991	34	97.0	98.5	106.4	97.4	90.4	93.7	95.4
1992	46	96.7	98.5	106.3	97.0	90.4	94.1	95.6
1993	45	96.6	98.7	106.3	96.9	89.8	93.4	95.5
1994	51	96.5	98.6	106.1	96.4	91.1	94.3	96.0
1995	43	96.8	99.3	105.5	96.3	90.3	94.1	96.3
1996	43	96.5	98.7	106.1	96.7	90.1	94.2	96.3
1997	37	97.5	98.9	106.0	97.4	91.2	94.9	96.8
1998	54	96.5	98.4	106.1	96.5	90.5	94.1	96.1
1999	78	97.6	99.1	106.3	96.9	90.7	94.5	96.6
2000	39	97.1	98.7	105.9	96.7	90.2	94.5	96.3
2001	64	97.3	98.5	106.7	97.1	91.3	95.2	96.6
2002	26	98.1	99.7	104.5	97.8	91.2	95.1	97.1
2003	53	98.4	99.7	105.6	97.8	91.6	95.4	97.3
2004	48	98.3	99.2	105.7	98.1	91.6	95.8	97.3
2005	40	98.0	99.5	104.5	97.6	91.0	95.2	97.4
2006	49	98.8	99.8	105.1	98.2	91.5	95.3	97.4
2007	36	99.3	99.2	104.6	98.8	91.5	95.3	97.2
2008	42	98.7	99.9	105.3	98.5	91.7	95.8	97.5
2009	38	98.8	101.1	104.7	98.3	91.8	95.5	98.1
2010	45	99.6	100.4	105.6	98.9	92.2	95.9	97.8

2011	46	99.5	101.2	104.8	98.7	91.9	96.6	98.3
2012	47	100.4	101.2	104.4	99.5	91.0	96.1	98.2
2013	56	99.5	101.4	105.1	98.8	92.0	96.1	98.1
2014	33	100.9	103.1	103.5	100.1	93.2	96.8	99.0
2015	36	100.4	102.2	102.6	99.8	92.5	95.6	98.7
2016	29	100.3	102.3	103.6	99.9	93.0	96.5	98.6

Tabel: 296 Brown Swiss: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	12	92.7	95.8	92.2	110.0	0.0	98.3
1987	11	92.3	97.1	93.2	111.4	0.0	99.6
1988	11	91.9	95.5	93.9	110.6	0.0	99.3
1989	19	92.3	96.1	92.8	109.2	0.0	98.2
1990	27	92.4	96.2	91.6	108.8	0.0	97.4
1991	34	92.7	95.9	93.4	109.5	0.0	98.8
1992	46	92.7	95.8	93.2	109.5	0.0	98.6
1993	45	92.8	96.6	92.8	109.5	0.0	98.5
1994	51	93.5	96.8	93.1	108.9	0.0	98.7
1995	43	92.6	97.2	92.9	109.8	0.0	98.9
1996	43	93.4	97.3	92.7	109.7	0.0	98.9
1997	37	94.1	97.2	93.9	109.4	0.0	99.6
1998	54	93.1	96.5	92.8	109.4	0.0	98.6
1999	78	93.7	96.9	93.5	109.4	0.0	99.3
2000	39	94.7	98.0	93.2	109.7	0.0	99.6
2001	64	93.1	96.5	93.8	109.3	0.0	99.1
2002	26	94.2	98.3	94.3	109.6	0.0	100.2
2003	53	94.1	97.3	94.7	109.5	0.0	100.0
2004	48	93.9	97.7	94.8	109.1	0.0	99.9
2005	40	94.5	98.5	94.2	108.7	0.0	99.6
2006	49	93.1	97.5	95.0	109.8	0.0	100.0
2007	36	93.4	97.9	95.4	109.4	0.0	100.3
2008	42	94.5	98.5	95.1	109.5	0.0	100.5
2009	38	93.6	97.0	95.1	109.4	0.0	100.0
2010	45	94.4	98.1	95.7	110.2	0.0	101.2
2011	46	94.9	97.9	95.7	109.8	0.0	101.0
2012	47	95.1	98.2	95.9	108.9	0.0	100.8
2013	56	94.4	97.8	95.6	110.0	0.0	101.0
2014	33	94.0	98.0	97.2	110.4	0.0	101.9
2015	36	93.9	96.9	96.5	109.1	0.0	100.6
2016	29	94.9	98.6	97.0	110.0	0.0	101.9

Tabel: 297 Brown Swiss: Vruchtbaarheidkenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1983	11	102.9	104.5	103.6	103.7	103.8	98.1	87.3	103.9
1985	14	103.1	103.9	103.1	103.2	103.4	97.5	86.6	103.5
1987	14	101.9	105.1	103.1	103.4	102.6	96.8	86.6	103.5
1988	14	102.0	106.1	103.9	104.5	103.1	96.9	86.1	104.4
1989	24	102.8	104.4	103.2	103.3	103.2	97.0	86.8	103.5
1990	42	103.5	105.5	104.5	104.7	104.3	97.9	86.0	104.9
1991	49	103.1	105.2	103.8	104.2	103.6	98.1	87.3	104.2
1992	70	102.7	105.2	103.8	104.1	103.4	97.4	86.9	104.1
1993	88	103.4	104.9	104.1	104.2	103.9	97.9	87.2	104.4

1994	69	103.1	104.4	103.4	103.5	103.3	97.7	87.4	103.7
1995	92	102.8	103.7	103.0	102.8	103.0	97.2	86.9	103.2
1996	65	102.2	104.6	103.1	103.3	102.8	97.8	88.0	103.4
1997	74	102.2	104.5	103.0	103.3	102.8	97.6	88.1	103.4
1998	98	101.9	104.6	102.7	103.0	102.4	97.2	87.5	103.1
1999	143	102.5	103.6	102.7	102.6	102.8	97.5	87.5	102.8
2000	121	102.8	103.8	102.9	102.9	103.0	97.5	87.4	103.1
2001	207	102.6	103.9	102.9	102.9	103.0	97.3	87.4	103.1
2002	162	102.6	103.7	102.9	102.7	102.9	97.4	87.7	103.0
2003	158	102.4	104.0	103.0	103.0	102.9	97.6	88.6	103.3
2004	174	102.1	104.3	102.9	103.1	102.7	97.9	89.0	103.2
2005	142	101.8	104.3	102.8	103.0	102.5	97.8	89.5	103.1
2006	162	102.0	104.4	103.0	103.2	102.8	97.7	89.7	103.3
2007	154	102.3	104.1	103.2	103.2	103.0	97.7	89.7	103.4
2008	117	101.9	104.8	103.5	103.6	103.0	97.6	90.3	103.8
2009	132	102.3	104.8	103.8	103.9	103.5	98.1	90.5	104.1
2010	137	102.1	104.9	103.9	104.0	103.4	97.7	90.9	104.2
2011	160	102.6	104.7	104.0	104.1	103.8	97.7	90.7	104.3
2012	145	102.2	105.2	104.1	104.4	103.7	97.7	91.3	104.6
2013	179	102.4	104.8	103.9	104.1	103.7	97.9	91.5	104.3
2014	149	102.9	104.9	104.5	104.6	104.3	98.7	92.0	104.8
2015	114	102.5	104.6	104.1	104.2	104.0	98.5	92.6	104.4
2016	100	102.5	105.1	104.5	104.8	104.2	98.8	93.0	104.9
2017	70	102.2	104.6	104.0	104.3	103.8	98.4	93.0	104.4

Tabel: 298 Brown Swiss: Gebruikskkenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	10	95.7	89.2	99.3	100.2	102.6
1988	10	94.5	97.8	100.4	101.6	102.6
1989	10	97.6	89.9	99.4	99.7	102.5
1990	21	92.4	97.4	100.3	101.4	102.7
1991	26	93.8	97.2	99.2	100.2	102.2
1992	40	94.4	90.6	100.0	100.9	102.5
1993	37	93.6	98.8	99.5	100.3	102.7
1994	32	94.6	95.9	99.7	100.8	102.9
1995	32	96.3	87.3	100.2	100.9	103.2
1996	39	95.4	85.9	100.0	101.0	102.8
1997	34	96.6	95.9	99.9	100.7	103.1
1998	39	94.2	90.5	99.7	100.5	102.9
1999	39	96.6	84.5	100.3	100.8	103.0
2000	35	96.4	85.2	99.9	100.5	102.7
2001	56	97.2	82.7	99.4	100.0	102.6
2002	26	97.0	100.2	100.2	100.4	103.1
2003	49	97.9	92.2	100.6	100.8	103.1
2004	49	97.7	98.6	100.9	101.4	103.1
2005	39	96.8	96.1	101.0	101.3	103.2
2006	44	96.9	98.6	100.9	101.4	103.0
2007	36	97.6	98.6	100.8	101.2	103.0
2008	41	98.2	95.5	101.3	101.8	103.1
2009	36	97.5	95.4	101.7	101.8	103.1
2010	42	97.3	98.3	101.9	102.1	103.1
2011	41	98.5	89.9	102.1	102.2	103.4
2012	47	98.1	97.6	102.4	102.4	103.1
2013	54	98.1	99.6	102.8	102.5	103.1
2014	31	97.6	99.3	103.3	102.9	103.1
2015	34	97.6	96.2	103.1	102.6	103.1
2016	29	98.1	99.9	103.7	103.1	103.2

Tabel: 299 Brown Swiss: NVI met onderliggende kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1983	12	-57.2	-288.1	-35.0	101.9	103.9	93.2	110.1	102.8
1985	13	-49.8	-323.9	-15.7	101.7	103.5	92.2	110.0	103.7
1986	11	-69.5	-348.8	-78.5	101.3	103.4	92.6	110.6	103.1
1987	13	-61.5	-326.6	-82.5	101.7	103.5	93.2	111.4	103.5
1988	16	-61.9	-361.6	-114.9	102.3	104.4	93.9	110.6	103.6
1989	28	-68.1	-323.8	-110.2	101.5	103.5	92.8	109.2	103.4
1990	43	-67.3	-340.4	-172.9	102.4	104.9	91.6	108.8	103.6
1991	50	-84.6	-356.5	-209.4	101.5	104.2	93.4	109.5	103.3
1992	69	-63.5	-334.6	-91.8	102.1	104.1	93.2	109.5	103.3
1993	83	-72.4	-344.7	-148.4	101.9	104.4	92.8	109.5	103.1
1994	93	-62.6	-324.4	-80.7	102.2	103.7	93.1	108.9	103.0
1995	107	-53.9	-305.2	-66.1	102.5	103.2	92.9	109.8	102.7
1996	78	-47.8	-294.7	-41.0	102.3	103.4	92.7	109.7	102.6
1997	95	-55.3	-323.5	21.0	102.4	103.4	93.9	109.4	103.3
1998	120	-60.1	-320.1	-30.9	102.1	103.1	92.8	109.4	102.7
1999	154	-56.1	-306.6	-47.3	102.3	102.8	93.5	109.4	103.6
2000	124	-55.6	-301.5	-91.8	101.9	103.1	93.2	109.7	103.8
2001	205	-52.3	-284.1	-69.6	101.7	103.1	93.8	109.3	104.3
2002	150	-54.5	-284.2	-90.6	102.1	103.0	94.3	109.6	103.6
2003	149	-28.1	-252.0	-43.9	102.4	103.3	94.7	109.5	104.0
2004	150	-20.5	-244.3	19.4	102.6	103.2	94.8	109.1	104.1
2005	124	-11.2	-232.7	27.9	102.7	103.1	94.2	108.7	104.2
2006	133	-12.0	-236.1	13.0	102.5	103.3	95.0	109.8	104.2
2007	126	-7.8	-226.5	28.9	102.5	103.4	95.4	109.4	104.2
2008	97	9.2	-199.8	76.8	102.8	103.8	95.1	109.5	104.4
2009	116	34.3	-156.0	109.0	102.9	104.1	95.1	109.4	104.4
2010	123	30.2	-158.6	78.7	102.9	104.2	95.7	110.2	104.4
2011	134	40.9	-154.3	127.3	103.2	104.3	95.7	109.8	104.6
2012	121	58.2	-121.1	182.8	103.2	104.6	95.9	108.9	104.6
2013	157	69.6	-88.9	185.6	103.2	104.3	95.6	110.0	104.7
2014	121	82.1	-94.4	250.0	103.4	104.8	97.2	110.4	104.9
2015	90	96.4	-56.5	291.4	103.2	104.4	96.5	109.1	104.8
2016	72	102.4	-51.5	274.0	103.5	104.9	97.0	110.0	105.1
2017	24	113.8	-38.5	291.6	103.5	104.4	0.0	0.0	105.1

Tabel: 300 Brown Swiss: Klauwgezondheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2000	10	104.2	103.6	103.1	104.0	98.7	106.7	96.1
2001	17	103.2	102.4	102.3	102.9	99.6	106.6	96.5
2003	17	104.4	103.9	103.2	103.5	100.7	106.8	96.9
2004	13	104.7	103.5	103.9	104.2	100.0	106.4	96.2
2006	15	104.3	104.0	103.9	103.1	99.7	106.5	95.7
2007	16	105.2	105.2	103.7	103.4	101.2	106.8	96.8
2008	11	104.6	103.5	103.9	103.2	100.6	106.6	97.0
2009	22	105.1	106.0	102.4	103.1	102.8	105.5	98.6
2010	26	105.5	105.5	103.5	103.3	102.6	106.3	97.3
2011	25	105.2	104.9	104.0	103.1	101.5	106.7	96.4
2012	35	105.4	105.2	103.9	103.1	102.2	106.4	97.3
2013	37	105.4	105.3	103.7	103.2	102.6	106.5	97.6
2014	28	105.4	104.9	104.0	102.9	102.4	106.9	98.0

2015	29	105.2	105.1	103.0	102.7	103.1	106.7	98.8
2016	19	105.3	105.4	103.5	103.3	102.2	106.6	97.7

Tabel: 301 Brown Swiss: Levensvatbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1987	10	96.7	105.5	96.7	105.5	96.3	104.5
1988	11	97.6	105.3	97.6	105.3	97.7	104.4
1989	12	97.6	105.2	97.6	105.2	96.8	104.3
1990	29	96.9	105.6	96.9	105.6	96.8	104.7
1991	34	97.0	104.9	97.0	104.9	97.3	104.1
1992	55	97.2	105.1	97.2	105.1	97.3	104.2
1993	77	96.9	105.0	96.9	105.0	96.9	104.0
1994	66	96.6	105.0	96.6	105.0	96.4	103.9
1995	79	96.7	104.9	96.7	104.9	96.1	103.9
1996	67	95.9	105.2	95.9	105.2	95.5	104.5
1997	65	97.0	105.2	97.0	105.2	96.9	104.4
1998	64	96.2	104.9	96.2	104.9	95.9	104.4
1999	95	98.1	105.0	98.1	105.0	97.4	104.0
2000	100	97.8	105.2	97.8	105.2	97.2	104.2
2001	105	97.9	105.6	97.9	105.6	97.6	104.1
2002	121	97.6	105.1	97.6	105.1	97.3	103.9
2003	137	98.2	105.3	98.2	105.3	97.8	103.7
2004	161	98.0	105.6	98.0	105.6	97.5	104.1
2005	126	98.2	105.6	98.2	105.6	97.4	104.2
2006	167	98.2	105.0	98.2	105.0	97.6	103.9
2007	149	97.9	105.8	97.9	105.8	97.3	104.3
2008	111	97.8	105.9	97.8	105.9	97.4	104.6
2009	145	97.8	105.2	97.8	105.2	97.6	103.5
2010	143	97.8	106.0	97.8	106.0	97.8	104.3
2011	167	98.0	106.2	98.0	106.2	97.9	104.7
2012	150	97.7	106.4	97.7	106.4	98.1	104.4
2013	175	97.8	106.3	97.8	106.3	98.2	104.4
2014	168	97.8	106.6	97.8	106.6	98.1	104.5
2015	133	97.6	106.6	97.6	106.6	98.2	104.7
2016	136	97.9	106.6	97.9	106.6	98.5	104.5
2017	122	98.4	106.3	98.4	106.3	98.9	104.4
2018	107	98.6	104.3	98.6	104.3	99.0	102.5
2019	68	98.5	103.2	98.5	103.2	98.7	101.6

Tabel: 302 Brown Swiss: Geboortekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	15	94.9	110.9	105.5	90.1	79.8	76.2
1990	22	97.1	110.3	103.8	93.5	81.2	77.3
1991	29	95.7	110.6	104.9	109.3	96.1	92.2
1992	45	96.1	109.8	104.5	111.2	97.7	93.0
1993	45	95.4	110.2	105.1	108.3	96.2	91.9
1994	38	94.9	109.7	105.6	113.6	100.2	95.3
1995	38	95.1	109.7	105.5	103.7	92.7	88.3
1996	38	94.7	110.8	106.0	107.0	95.3	90.9
1997	46	95.2	110.7	105.5	110.8	98.4	94.3
1998	41	94.2	110.9	106.2	110.2	98.7	93.4
1999	43	95.2	110.5	105.5	112.1	100.7	96.2

2000	45	96.1	109.9	104.5	112.9	100.6	94.9
2001	52	96.0	110.3	104.6	110.8	98.3	93.3
2002	34	94.4	111.3	106.2	109.0	97.6	93.0
2003	72	95.7	110.1	104.9	112.2	100.1	95.9
2004	72	95.5	111.3	105.1	109.6	99.5	96.5
2005	62	95.7	110.6	104.9	108.0	98.1	94.0
2006	67	95.2	110.5	105.4	110.0	99.5	95.5
2007	78	95.2	111.2	105.5	111.8	101.7	97.8
2008	79	95.3	110.8	105.3	111.6	101.3	98.0
2009	81	96.2	111.3	104.5	111.9	100.6	95.6
2010	88	95.4	111.0	105.3	111.5	100.0	96.1
2011	103	95.3	110.7	105.3	110.4	99.4	95.2
2012	98	95.7	110.5	105.0	111.6	99.4	95.7
2013	111	95.8	110.3	104.9	112.4	99.0	94.8
2014	92	95.3	110.9	105.3	112.2	99.2	95.1
2015	76	95.2	111.5	105.1	111.9	98.5	95.4
2016	82	95.9	110.3	104.5	111.8	98.9	95.3
2017	98	96.0	109.7	104.5	110.7	97.9	94.3
2018	79	96.4	109.0	104.4	110.4	97.5	93.8
2019	52	96.4	109.2	104.5	103.4	91.2	87.5

Tabel: 303 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	100.6	109.6	97.3	101.0	108.9	101.8	99.6	93.2	109.7	97.9	108.9
1985	12	101.0	109.5	97.8	100.0	109.8	101.7	99.4	93.8	110.7	97.6	108.8
1987	12	99.8	110.2	97.3	100.4	108.6	102.3	98.0	93.7	110.4	97.3	108.5
1988	13	100.6	109.8	98.2	100.2	108.1	102.8	99.0	93.9	110.5	97.9	109.3
1989	16	100.9	110.1	97.6	100.3	109.3	101.9	99.6	93.0	110.7	97.5	109.0
1990	31	100.3	109.8	98.2	100.1	108.6	102.5	99.0	93.0	110.3	98.5	108.3
1991	40	100.7	110.0	98.0	100.0	109.3	102.3	99.2	93.2	110.5	98.4	108.2
1992	55	100.9	109.7	98.7	99.6	109.6	102.2	99.4	93.2	110.6	98.5	108.1
1993	71	100.6	110.7	98.2	100.7	109.5	102.8	99.3	92.7	111.2	98.4	109.1
1994	54	100.8	109.8	97.9	100.3	109.5	102.6	99.4	93.3	110.7	98.1	108.5
1995	62	100.4	109.6	98.4	100.2	109.2	103.0	98.9	93.1	110.6	98.4	108.5
1996	57	101.3	110.0	98.3	100.5	109.6	102.7	99.8	93.3	110.6	98.5	109.1
1997	59	101.0	109.3	98.5	100.3	109.2	102.8	99.5	93.6	110.1	98.9	108.3
1998	72	100.2	109.8	98.5	100.2	109.3	103.1	98.9	92.4	110.4	99.1	108.1
1999	118	100.6	109.5	98.2	100.3	108.9	103.0	99.1	93.4	110.3	98.7	108.4
2000	81	101.0	109.6	97.9	100.7	108.9	102.7	99.8	93.2	110.3	98.3	108.8
2001	148	100.8	109.8	98.0	100.4	109.1	103.0	99.2	93.4	110.5	98.9	108.2
2002	123	100.9	109.7	98.3	101.1	108.6	103.4	99.6	93.3	110.1	99.1	108.8
2003	133	101.2	110.0	97.9	101.4	109.1	103.2	99.9	93.2	110.4	99.3	108.6
2004	129	101.0	109.4	98.2	100.7	108.9	103.2	99.7	93.5	110.0	99.5	107.9
2005	118	100.6	108.8	98.3	100.4	108.3	103.1	99.4	93.4	109.3	99.5	107.2
2006	113	100.4	108.8	98.2	100.4	108.1	103.3	99.3	93.3	109.4	99.5	107.4
2007	112	101.0	109.1	97.6	101.0	108.3	102.6	100.0	93.5	109.3	99.1	107.8
2008	77	101.2	108.5	97.8	100.9	108.4	102.8	100.2	93.4	109.1	99.0	108.2
2009	82	100.9	108.5	97.6	100.4	108.3	102.5	100.0	93.4	109.1	99.0	107.4
2010	83	101.4	108.5	97.5	101.0	108.4	102.5	100.7	93.5	108.8	99.1	108.0
2011	59	102.3	108.0	98.2	100.9	108.8	102.3	101.6	93.9	108.5	99.7	108.1
2012	50	102.7	108.0	98.0	101.4	108.8	102.3	102.2	93.4	108.6	99.7	108.8
2013	54	102.6	107.6	97.9	100.9	108.6	102.2	101.9	94.2	108.4	99.6	108.1
2014	35	103.0	107.1	98.3	101.0	108.6	102.5	102.5	94.3	107.8	100.3	108.2
2015	35	102.5	106.9	97.9	100.7	108.0	102.4	101.9	94.4	107.7	99.9	107.7
2016	28	102.5	107.8	98.4	101.2	108.2	102.5	101.9	94.5	108.4	100.1	108.3

Tabel: 304 Brown Swiss: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	10	88.4	97.5	83.5
1988	12	90.6	99.6	83.9
1989	12	89.3	97.9	83.9
1990	31	89.1	98.0	83.8
1991	34	88.8	97.6	83.8
1992	56	88.7	97.6	83.9
1993	88	87.8	96.8	84.0
1994	81	87.6	96.5	84.2
1995	85	87.9	96.9	83.4
1996	77	87.7	96.8	83.4
1997	65	88.2	97.4	82.7
1998	66	87.5	96.7	83.3
1999	96	89.9	98.6	82.7
2000	100	89.8	98.2	83.6
2001	111	90.4	98.6	83.2
2002	129	90.3	98.8	83.3
2003	142	90.5	98.9	83.0
2004	161	90.7	99.4	83.0
2005	136	90.5	99.2	82.8
2006	173	91.2	99.9	82.4
2007	155	90.9	99.5	82.3
2008	118	91.4	99.8	83.0
2009	162	91.9	99.9	83.3
2010	152	92.0	100.3	83.3
2011	176	91.6	99.9	82.9
2012	163	91.8	100.0	82.8
2013	183	92.1	100.0	82.8
2014	181	92.7	100.4	82.7
2015	148	93.5	100.7	83.6
2016	146	93.9	101.0	84.0
2017	140	94.3	101.5	84.1
2018	117	94.8	101.8	84.6
2019	68	94.9	102.0	84.3

Tabel: 305 Brown Swiss: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	200	-1607.4	-7423.6	-263.2	-232.4
2002	147	-1715.1	-7903.7	-280.6	-248.0
2003	148	-1317.3	-6234.1	-211.9	-191.8
2004	142	-920.8	-4565.7	-143.2	-136.0
2005	120	-839.0	-4340.0	-126.0	-125.5
2006	127	-918.2	-4667.5	-143.4	-134.9
2007	124	-816.6	-4308.2	-124.4	-121.1
2008	91	-418.0	-2562.8	-57.2	-64.1
2009	114	-53.4	-1031.2	8.1	-13.8
2010	120	-223.5	-1872.3	-26.8	-34.6
2011	127	90.4	-693.4	30.8	8.6
2012	118	573.7	1254.2	110.4	79.2
2013	156	719.5	2213.1	130.2	101.5
2014	118	1094.2	3360.5	194.1	156.3
2015	89	1510.9	5152.9	270.5	212.9
2016	75	1436.3	5160.8	251.0	204.7

2017 25 1588.8 5320.1 278.4 227.5

Tabel: 306 Brown Swiss: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1990	10	97.7	99.1	105.7
1992	15	99.1	101.5	106.2
1993	18	98.8	100.8	105.1
1994	19	98.7	102.1	105.1
1995	17	99.5	101.8	104.8
1996	22	98.4	101.7	106.0
1997	23	98.1	101.1	105.5
1998	18	98.6	102.1	105.6
1999	15	97.9	101.9	105.6
2000	24	98.8	101.4	105.2
2001	23	97.8	102.0	105.4
2002	12	98.2	102.9	105.5
2003	32	98.9	102.6	104.7
2004	28	98.8	102.5	105.0
2005	18	98.5	102.1	104.7
2006	21	98.6	101.9	105.3
2007	19	98.6	101.0	105.1
2008	24	98.5	100.3	105.4
2009	22	98.3	103.3	105.2
2010	36	98.0	101.8	105.4
2011	48	99.5	102.4	104.8
2012	28	98.6	103.0	105.1
2013	46	99.6	104.3	104.9
2014	33	98.3	104.3	104.9
2015	29	98.6	104.3	105.0
2016	29	99.6	104.9	105.3
2017	10	99.9	103.5	105.3

Tabel: 307 Brown Swiss: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1983	12	101.0	100.4	0	0.0	0	0.0
1985	15	99.3	99.7	15	-3.8	0	0.0
1986	12	99.7	100.0	12	-3.9	0	0.0
1987	18	101.2	101.5	18	-3.6	0	0.0
1988	16	101.2	102.8	16	-3.8	0	0.0
1989	36	100.5	101.6	36	-3.8	0	0.0
1990	45	101.7	102.5	45	-3.4	0	0.0
1991	53	100.6	102.2	53	-3.7	0	0.0
1992	71	101.1	102.5	71	-3.6	0	0.0
1993	84	100.2	101.9	84	-3.5	0	0.0
1994	96	100.8	101.5	96	-3.7	0	0.0
1995	111	100.2	101.9	112	-3.4	0	0.0
1996	79	100.9	102.0	79	-3.1	0	0.0
1997	99	101.4	99.1	99	-3.6	0	0.0
1998	120	101.4	100.0	121	-3.4	0	0.0
1999	158	100.9	99.9	159	-3.2	0	0.0
2000	124	101.0	100.0	124	-3.0	0	0.0
2001	206	100.5	100.3	206	-2.8	62	95.9

2002	150	100.6	100.1	150	-2.6	26	98.3
2003	149	101.0	100.3	149	-2.3	53	97.1
2004	150	101.8	101.0	150	-2.2	48	98.2
2005	126	101.4	100.9	126	-2.2	40	99.0
2006	135	101.5	100.5	135	-2.2	49	98.0
2007	128	100.5	100.8	128	-2.0	36	98.9
2008	97	101.7	100.5	97	-1.8	41	99.0
2009	116	102.3	101.4	116	-1.5	38	97.4
2010	123	102.2	101.2	123	-1.4	45	99.0
2011	136	102.4	100.6	136	-1.5	46	98.7
2012	121	102.1	102.1	121	-1.1	47	99.6
2013	157	103.8	101.2	157	-0.9	56	98.6
2014	121	103.2	101.6	121	-0.9	33	98.9
2015	90	102.7	101.0	90	-0.7	36	98.6
2016	72	103.6	101.1	72	-0.5	29	100.0
2017	24	103.0	101.5	24	-0.5	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	18	-1408.1	-48.5	-55.9	-64.4	22.7	-6.9	-0.4	-350.3
2003	10	-389.8	-15.9	-15.8	-17.9	2.3	-2.5	0.0	-103.6
2005	10	-517.2	-19.4	-22.6	-21.4	5.7	-5.1	3.8	-139.9
2006	13	-585.7	-23.2	-27.9	-25.9	4.4	-8.9	1.1	-171.0
2008	12	-464.9	-14.7	-19.0	-22.0	8.3	-2.8	-1.1	-115.3
2012	14	-349.6	-14.9	-12.0	-22.4	2.1	1.1	-8.5	-87.2
2013	13	-481.6	-12.0	-17.2	-27.2	13.6	0.7	-7.0	-103.8
2014	12	-379.0	-20.8	-16.5	-25.1	-3.0	-2.7	-10.2	-119.0

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

Tabel: 309 Zweeds Roodbont: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	14	87.1	94.9	89.9	90.3	99.6	99.4	91.8

Tabel: 310 Zweeds Roodbont: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1985	14	97.7	104.1	93.9	96.9

Tabel: 311 Zweeds Roodbont: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	14	94.8	95.3	97.9	93.5	89.4	95.5	96.9

Tabel: 312 Zweeds Roodbont: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	14	90.2	89.5	90.9	95.9	0.0	88.4

Tabel: 313 Zweeds Roodbont: Vruchtbaarheidsskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	19	99.6	105.5	103.9	105.1	102.0	98.7	91.8	104.6
1987	11	98.4	104.9	102.6	104.2	100.8	97.9	91.2	103.6
2006	14	100.1	104.9	104.4	105.5	103.1	98.6	94.4	105.2
2008	12	99.0	106.2	104.5	106.4	102.9	98.3	94.7	105.7
2012	14	100.7	105.2	104.8	105.9	104.0	99.1	94.7	105.6
2013	13	100.8	104.8	104.8	105.8	104.0	99.0	94.4	105.5
2014	12	100.8	105.5	105.2	106.4	104.3	99.2	95.3	106.1

Tabel: 314 Zweeds Roodbont: NVI met onderliggende kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1985	16	-107.4	-350.3	-171.6	102.1	104.6	90.9	95.9	102.0
2003	10	-8.2	-103.6	129.5	100.5	104.9	91.8	95.5	104.7
2005	10	-29.2	-139.9	127.3	101.8	103.2	92.3	96.7	105.0
2006	13	-23.3	-171.0	99.5	101.3	105.2	93.3	94.7	103.3
2008	12	17.9	-115.3	168.4	101.8	105.7	92.8	93.2	104.5
2012	14	40.5	-87.2	207.9	101.1	105.6	93.5	100.0	105.7
2013	13	3.2	-103.8	110.2	100.4	105.5	95.5	95.8	105.2
2014	12	21.4	-119.0	210.0	100.5	106.1	0.0	0.0	104.8

Tabel: 315 Zweeds Roodbont: Levensvatbaarheidsskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
2006	10	98.5	104.6	98.5	104.6	101.2	103.4
2008	11	99.2	105.2	99.2	105.2	101.1	104.1
2012	18	100.6	105.7	100.6	105.7	102.8	104.5
2013	13	99.4	105.9	99.4	105.9	101.5	104.4
2014	13	100.0	104.8	100.0	104.8	102.6	103.6

Tabel: 316 Zweeds Roodbont: Geboortekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2006	14	101.3	100.9	97.8	88.9	80.3	82.7
2008	13	101.4	101.2	98.0	88.7	78.5	80.9

Tabel: 317 Zweeds Roodbont: Kalvervitaliteit
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2006	10	98.2	100.9	96.5
2008	11	98.3	101.0	95.8
2012	17	98.6	101.0	95.5
2013	12	98.2	101.2	95.1
2014	15	97.7	100.5	97.3

Tabel: 318 Zweeds Roodbont: Levensproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2006	13	-173.0	-777.3	10.7	-44.9
2008	12	488.1	1510.1	123.0	51.0
2012	14	861.4	3043.7	160.8	117.6
2013	13	175.2	-77.9	67.4	8.5
2014	12	766.7	3207.4	141.8	103.9

Tabel: 319 Zweeds Roodbont: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1985	18	98.8	92.9	20	-4.1	0	0.0
2003	10	99.2	92.5	10	-2.8	4	86.0
2005	10	99.4	93.0	10	-2.9	3	88.0
2006	13	98.6	92.4	13	-2.9	6	87.8
2008	12	100.3	92.0	12	-2.5	6	90.0
2012	14	98.6	91.5	14	-2.2	2	89.5
2013	13	97.7	91.1	13	-2.0	4	91.0
2014	12	99.4	92.7	12	-2.7	0	0.0

Tabel: 320 Angler: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	19	-2868.3	-74.4	-90.7	-130.8	102.9	23.8	-0.5	-567.4
1981	20	-2895.1	-76.3	-92.4	-132.2	102.0	22.8	-0.6	-578.8
1982	22	-2835.4	-78.3	-91.4	-129.3	92.2	20.0	-0.3	-578.1
1984	12	-2867.2	-75.0	-89.2	-130.8	104.0	27.3	-0.6	-562.8
1985	14	-2982.4	-76.1	-93.6	-136.0	111.9	26.9	-0.4	-584.6
1986	21	-2812.4	-73.2	-88.9	-128.3	100.3	23.4	-0.5	-556.7

1987	13	-2914.3	-77.8	-93.5	-132.9	101.3	22.0	-0.3	-586.5
1988	16	-3109.0	-90.1	-100.9	-141.9	100.1	23.1	-0.6	-645.2

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

Tabel: 321 Angler: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	13	79.6	91.8	84.1	87.8	93.3	95.3	84.8
1981	14	79.4	91.2	83.8	87.5	93.1	94.4	84.9
1982	16	80.6	90.4	82.8	87.3	92.2	95.4	84.6

Tabel: 322 Angler: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	13	102.8	101.0	92.0	103.5
1981	14	102.7	101.4	91.9	103.4
1982	16	102.5	101.1	92.1	102.9

Tabel: 323 Angler: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	13	87.7	89.2	104.4	91.2	84.2	94.5	93.3
1981	14	88.9	90.1	101.4	92.8	84.7	95.4	94.4
1982	16	89.2	89.1	100.8	93.9	85.3	95.1	93.6

Tabel: 324 Angler: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	13	81.5	80.3	85.4	102.0	0.0	84.9
1981	14	80.8	79.8	86.9	101.8	0.0	85.3
1982	16	80.4	78.9	87.5	101.7	0.0	85.2

Tabel: 325 Angler: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	39	102.6	107.4	104.9	106.9	103.1	97.2	82.0	106.1
1981	57	102.5	107.4	104.9	107.0	103.0	97.2	82.3	106.1
1982	48	102.8	107.5	105.1	107.2	103.4	97.4	82.7	106.4
1983	21	103.2	106.8	105.0	106.8	103.5	97.0	81.3	106.1

1984	25	103.0	106.7	104.7	106.6	103.2	97.1	81.6	105.8
1985	29	102.5	107.1	104.5	106.6	102.8	96.8	81.2	105.8
1986	29	102.1	107.0	104.2	106.4	102.6	96.4	81.3	105.6
1987	16	102.7	108.2	105.7	107.8	103.7	97.6	82.0	107.0
1988	18	102.5	107.9	105.4	107.3	103.3	97.5	81.6	106.6
1989	17	103.0	105.7	104.1	105.7	103.0	96.9	81.6	105.1

Tabel: 326 Angler: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	16	-203.4	-567.4	-301.4	102.2	106.1	85.4	102.0	0.0
1981	19	-196.1	-578.8	-306.0	102.8	106.1	86.9	101.8	0.0
1982	22	-204.5	-578.1	-316.3	103.2	106.4	87.5	101.7	0.0
1984	11	-213.3	-562.8	-482.3	102.0	105.8	85.0	100.0	0.0
1985	14	-179.1	-584.6	-481.6	102.8	105.8	85.6	102.7	0.0
1986	21	-178.2	-556.7	-580.2	102.5	105.6	83.5	102.5	0.0
1987	13	-193.2	-586.5	-505.6	102.3	107.0	81.3	99.7	0.0
1988	16	-208.2	-645.2	-621.0	103.4	106.6	92.0	103.0	0.0

Tabel: 327 Angler: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	19	99.9	99.1	0	0.0	0	0.0
1981	20	99.7	99.1	0	0.0	0	0.0
1982	22	99.5	99.5	0	0.0	0	0.0
1984	12	100.0	99.2	0	0.0	0	0.0
1985	14	98.4	98.4	16	-7.8	0	0.0
1986	21	100.0	99.0	22	-6.4	0	0.0
1987	13	101.8	98.4	13	-6.4	0	0.0
1988	16	99.4	98.0	16	-7.3	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1983	10	-1491.8	-77.0	-54.3	-68.0	-14.7	-0.9	-0.3	-404.9
1984	12	-1266.7	-71.2	-51.1	-57.9	-20.8	-7.8	-0.3	-376.4
1985	33	-1733.9	-85.2	-63.6	-79.1	-11.2	-1.7	-0.2	-463.8
1986	30	-1583.9	-82.8	-60.2	-72.3	-17.5	-4.7	-0.3	-442.4
1987	56	-1794.8	-87.0	-65.3	-81.9	-9.5	-0.6	-0.4	-475.1
1988	46	-1664.7	-80.2	-61.2	-75.9	-8.1	-1.7	-0.2	-442.0
1989	60	-1711.1	-81.0	-63.6	-78.1	-6.4	-2.7	-0.3	-454.3
1990	81	-1620.0	-77.4	-60.5	-73.9	-6.6	-3.0	-0.4	-432.6
1991	47	-1586.9	-77.4	-60.1	-72.4	-8.9	-4.3	-0.4	-430.6
1992	76	-1587.9	-73.5	-59.1	-72.4	-2.5	-2.3	-0.3	-418.3
1993	87	-1365.3	-67.7	-52.8	-62.3	-8.9	-4.8	-0.3	-377.3
1994	150	-1387.9	-69.1	-53.6	-63.3	-9.7	-4.9	-0.2	-383.8
1995	107	-1319.2	-68.4	-50.2	-60.3	-12.9	-3.6	-0.4	-367.6
1996	180	-1257.5	-67.7	-47.8	-57.4	-16.1	-3.5	-0.3	-355.6
1997	138	-1177.5	-64.4	-44.9	-53.8	-16.5	-3.4	-0.3	-335.5

1998	179	-1198.3	-61.6	-44.8	-54.7	-11.1	-2.2	-0.2	-329.6
1999	209	-1190.8	-64.4	-46.3	-54.3	-15.5	-4.6	-0.2	-341.1
2000	212	-1133.6	-62.6	-44.3	-51.7	-16.5	-4.8	-0.2	-328.6
2001	234	-1068.4	-57.9	-41.9	-46.8	-13.7	-4.5	2.7	-307.4
2002	176	-888.1	-49.7	-35.1	-37.1	-13.2	-4.0	4.8	-259.4
2003	223	-762.8	-46.6	-31.6	-31.8	-16.3	-5.2	4.0	-237.1
2004	254	-691.7	-44.3	-29.5	-29.4	-17.3	-5.7	2.9	-222.6
2005	347	-644.5	-42.6	-27.5	-27.3	-17.9	-5.4	2.8	-210.4
2006	348	-604.2	-39.9	-26.7	-25.9	-16.5	-6.3	2.1	-201.0
2007	397	-511.3	-36.4	-23.4	-21.8	-17.3	-6.1	2.0	-178.9
2008	403	-421.6	-33.7	-20.3	-17.7	-18.6	-6.3	1.9	-159.3
2009	458	-387.4	-32.0	-18.8	-16.7	-18.4	-6.0	1.3	-149.3
2010	445	-220.6	-24.4	-12.7	-10.1	-17.9	-5.7	0.0	-106.6
2011	508	-178.0	-21.9	-11.1	-8.8	-17.0	-5.5	-0.8	-94.2
2012	519	-81.9	-18.2	-7.2	-5.3	-17.6	-4.9	-1.9	-69.3
2013	559	-58.5	-15.1	-5.9	-4.6	-14.8	-4.3	-2.3	-57.4
2014	523	41.3	-11.8	-2.9	-0.5	-16.1	-4.9	-2.9	-37.0
2015	430	141.1	-8.3	-0.2	3.9	-17.0	-5.9	-3.0	-17.0
2016	344	167.9	-5.2	3.0	5.2	-14.8	-3.3	-2.9	2.9
2017	57	194.9	-3.1	3.7	5.5	-13.5	-3.8	-4.0	10.3

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

Tabel: 329 Montbéliard: Exterieurkenmerken bouw
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	17	94.9	105.7	93.0	87.2	108.9	105.8	91.6
1986	15	95.0	105.8	92.9	87.1	109.2	104.9	92.3
1987	25	95.7	106.5	93.8	88.0	109.1	105.6	92.7
1988	15	95.4	105.5	93.1	87.5	108.4	104.8	91.9
1989	31	94.2	106.5	93.1	87.1	110.2	106.0	92.5
1990	38	95.1	106.4	93.9	87.7	109.5	106.1	92.7
1991	27	95.0	106.3	93.2	87.4	109.8	106.0	92.5
1992	27	94.5	106.5	93.0	87.2	110.5	107.1	91.5
1993	34	95.6	108.2	95.0	88.2	110.5	105.6	93.2
1994	67	95.8	107.9	94.7	88.3	110.1	106.5	93.1
1995	26	95.8	107.7	94.3	88.0	110.5	107.0	92.7
1996	29	95.4	108.3	94.7	87.8	111.2	106.7	92.7
1997	34	96.5	108.5	95.6	88.9	111.1	108.4	93.3
1998	45	95.9	108.0	94.6	87.7	111.1	107.4	92.7
1999	47	96.4	108.0	94.5	88.2	110.6	107.7	93.5
2000	41	95.8	107.5	93.6	87.5	110.3	108.1	93.5
2001	29	96.4	108.3	94.9	88.6	110.6	106.0	94.3
2002	36	95.9	107.8	94.1	87.7	111.1	107.6	93.8
2003	34	96.9	108.6	94.9	88.9	110.9	107.5	94.2
2004	33	97.0	107.7	94.2	88.4	110.3	107.6	93.1
2005	60	96.2	108.1	94.3	88.1	111.4	106.9	93.6
2006	33	96.5	108.4	94.5	87.9	111.4	107.2	93.9
2007	42	97.2	108.8	94.9	88.5	111.6	107.3	93.9
2008	46	97.8	108.6	94.8	88.6	111.2	106.9	94.2
2009	40	98.2	108.8	95.8	89.5	111.0	107.3	94.2
2010	33	98.2	109.7	96.7	90.2	111.0	106.2	94.1
2011	54	99.3	108.6	96.2	89.8	110.2	106.0	94.0
2012	55	98.5	108.7	96.1	90.5	109.9	106.3	93.9
2013	58	99.0	108.0	95.8	90.4	109.3	106.5	94.4
2014	65	100.0	107.5	96.9	91.5	108.4	105.8	94.8
2015	37	99.4	108.9	96.8	90.8	109.5	104.1	94.7
2016	50	99.4	108.7	96.8	91.2	108.9	105.1	93.8

Tabel: 330 Montbéliard: Exterieurkenmerken beenwerk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1985	17	103.3	96.1	106.4	99.2
1986	15	103.8	95.5	106.7	100.1
1987	25	103.4	96.0	106.8	99.6
1988	15	103.5	95.6	106.5	99.5
1989	31	102.7	97.1	105.7	98.5
1990	38	103.7	96.3	106.9	99.3
1991	27	103.3	96.4	106.4	99.1
1992	27	103.3	96.1	107.1	99.0
1993	34	104.3	95.6	105.7	100.5
1994	67	103.9	95.8	105.9	100.2
1995	26	103.9	95.8	106.2	100.0
1996	29	104.1	95.5	106.4	100.0
1997	34	103.8	95.8	105.8	100.3
1998	45	103.9	96.0	106.0	100.2
1999	47	103.8	96.2	106.5	99.6
2000	41	104.0	97.4	105.5	99.7
2001	29	103.5	96.1	106.9	99.8
2002	36	104.4	95.8	107.0	100.8
2003	34	104.4	96.0	107.3	100.7
2004	33	104.2	94.8	107.7	100.8
2005	60	104.8	95.7	106.7	101.5
2006	33	104.5	95.3	106.7	101.0
2007	42	104.7	95.5	107.2	101.0
2008	46	104.6	94.9	107.9	100.8
2009	40	105.2	94.5	107.9	101.5
2010	33	105.0	96.3	106.5	100.8
2011	54	105.0	95.7	107.4	101.0
2012	55	106.0	96.6	107.0	101.7
2013	58	105.6	96.1	107.4	101.7
2014	65	105.8	95.7	107.6	101.9
2015	37	106.6	96.3	107.4	102.6
2016	50	106.9	96.9	106.9	102.4

Tabel: 331 Montbéliard: Exterieurkenmerken uier
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	17	92.4	93.0	104.4	94.1	84.1	92.7	93.0
1986	15	92.5	93.5	104.8	94.2	84.5	93.7	93.8
1987	25	92.2	92.9	105.4	94.0	84.1	92.8	92.7
1988	15	93.0	93.6	105.4	94.3	84.6	93.6	94.0
1989	31	92.9	92.8	105.8	94.5	83.1	91.8	92.8
1990	38	91.9	93.0	105.6	93.5	83.6	91.9	92.9
1991	27	92.3	92.8	105.3	93.6	83.2	92.0	92.9
1992	27	91.0	92.4	105.7	92.5	82.8	91.6	92.7
1993	34	91.6	93.0	107.8	92.4	84.7	90.1	90.7
1994	67	92.2	93.5	106.5	93.0	84.7	91.3	91.7
1995	26	91.9	93.0	106.5	92.9	84.1	91.2	91.8
1996	29	91.2	92.7	106.0	92.6	83.4	92.3	92.2
1997	34	91.7	92.5	106.3	93.3	83.5	91.4	91.8
1998	45	92.5	93.2	105.6	94.1	83.5	92.2	92.8
1999	47	91.7	92.7	106.0	93.3	82.9	91.0	91.6
2000	41	91.9	93.4	105.0	93.5	83.1	91.4	91.9

2001	29	92.2	92.8	105.0	93.2	83.5	91.1	91.6
2002	36	91.9	93.1	104.4	93.1	83.2	91.4	92.0
2003	34	92.1	92.2	106.1	93.2	84.1	91.3	91.5
2004	33	92.2	92.6	105.4	93.3	84.1	91.3	91.5
2005	60	92.2	93.2	103.5	93.2	83.7	92.2	92.5
2006	33	92.2	92.9	103.9	93.7	83.2	92.5	92.8
2007	42	92.4	94.0	104.5	93.8	83.6	92.2	92.7
2008	46	92.2	93.3	104.2	93.7	83.9	92.1	92.5
2009	40	92.7	94.7	103.9	94.2	84.3	94.0	94.5
2010	33	92.5	94.2	104.8	92.8	83.9	91.5	91.8
2011	54	93.5	95.5	103.9	95.0	85.0	93.0	93.9
2012	55	94.0	95.8	103.3	94.5	85.6	93.8	94.9
2013	58	94.9	95.8	103.5	96.3	86.9	94.5	95.5
2014	65	95.1	96.0	103.9	96.2	87.7	94.0	94.9
2015	37	94.9	95.7	103.5	95.8	87.2	93.8	94.7
2016	50	94.4	95.7	104.5	95.0	87.5	93.9	94.9

Tabel: 332 Montbéliard: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	17	97.3	94.4	88.0	100.0	0.0	92.0
1986	15	97.6	95.0	88.4	100.6	0.0	92.9
1987	25	98.3	95.5	88.1	100.2	0.0	92.6
1988	15	97.3	94.6	88.7	100.1	0.0	92.4
1989	31	97.9	95.2	87.6	99.5	0.0	91.8
1990	38	98.2	95.4	87.2	100.3	0.0	92.1
1991	27	98.0	95.2	87.3	99.6	0.0	91.9
1992	27	98.0	95.1	86.1	99.8	0.0	91.3
1993	34	98.9	96.1	86.6	100.9	0.0	92.4
1994	67	99.1	95.9	87.4	100.6	0.0	92.8
1995	26	99.0	95.7	87.0	100.5	0.0	92.5
1996	29	98.9	96.0	86.6	100.5	0.0	92.2
1997	34	100.1	96.9	86.9	100.6	0.0	93.0
1998	45	99.1	95.9	87.6	100.6	0.0	92.8
1999	47	99.7	96.1	86.6	100.3	0.0	92.3
2000	41	99.5	95.4	87.1	100.6	0.0	92.6
2001	29	99.6	96.6	87.1	100.2	0.0	92.7
2002	36	99.5	96.2	87.0	101.1	0.0	93.0
2003	34	99.9	96.9	87.2	101.3	0.0	93.3
2004	33	98.9	96.0	87.4	101.0	0.0	93.0
2005	60	99.4	96.6	87.4	101.7	0.0	93.5
2006	33	99.6	96.3	87.4	101.1	0.0	93.2
2007	42	99.8	97.0	87.6	101.3	0.0	93.6
2008	46	99.8	96.8	87.7	101.2	0.0	93.6
2009	40	100.3	97.4	88.4	101.6	0.0	94.3
2010	33	100.1	97.7	87.4	101.4	0.0	93.8
2011	54	99.7	97.2	89.2	101.4	0.0	94.5
2012	55	99.5	97.3	89.5	102.6	0.0	95.2
2013	58	100.0	97.2	91.1	102.5	0.0	96.2
2014	65	100.2	97.8	91.4	102.4	0.0	96.4
2015	37	99.6	97.4	90.8	103.5	0.0	96.5
2016	50	99.5	97.3	90.6	103.5	0.0	96.3

Tabel: 333 Montbéliard: Vruchtbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	29	102.8	106.9	104.8	106.5	104.3	99.0	89.3	105.8
1986	21	103.1	107.0	105.1	106.8	104.7	99.3	89.4	106.1
1987	27	102.5	107.2	104.9	106.8	104.3	98.9	89.7	106.0
1988	34	102.5	106.6	104.6	106.1	104.1	99.1	89.8	105.6
1989	62	103.3	108.0	106.1	107.9	105.3	99.7	90.2	107.2
1990	79	102.8	106.7	104.8	106.5	104.1	98.8	89.8	105.8
1991	46	102.7	106.4	104.5	106.0	103.8	98.6	89.2	105.5
1992	72	102.8	105.5	104.0	105.3	103.5	98.6	89.5	104.8
1993	89	102.6	106.1	104.6	106.0	103.8	98.5	89.4	105.6
1994	143	102.5	105.4	104.0	105.2	103.2	98.1	89.0	104.9
1995	106	102.1	105.9	103.9	105.4	103.0	98.2	89.3	104.9
1996	159	102.0	105.3	103.5	104.9	102.4	97.8	89.5	104.4
1997	137	101.7	106.3	103.8	105.7	102.8	98.0	90.1	105.0
1998	178	101.8	105.9	103.7	105.3	102.7	97.6	89.1	104.8
1999	210	102.3	105.8	104.1	105.5	103.2	98.2	89.4	105.0
2000	224	102.5	105.8	104.1	105.5	103.4	98.2	89.2	105.1
2001	246	102.3	105.9	104.3	105.6	103.5	98.1	89.5	105.2
2002	196	102.2	106.3	104.6	106.0	103.8	98.2	90.3	105.6
2003	258	102.2	106.0	104.4	105.7	103.7	98.4	90.4	105.3
2004	300	102.4	106.1	104.6	105.9	104.0	98.6	90.7	105.5
2005	390	102.7	106.0	104.8	105.9	104.3	98.6	90.1	105.6
2006	401	103.3	105.6	105.0	105.9	104.6	98.9	90.2	105.7
2007	462	102.9	106.0	105.0	106.1	104.6	98.8	90.5	105.8
2008	480	102.8	106.3	105.2	106.4	104.8	98.7	91.0	106.1
2009	570	102.6	106.5	105.3	106.6	104.8	98.4	91.5	106.2
2010	526	102.6	106.1	105.1	106.3	104.6	98.0	92.0	106.0
2011	589	103.0	105.6	105.1	106.1	104.9	98.5	92.0	105.8
2012	613	103.4	105.4	105.5	106.2	105.4	98.9	92.3	106.1
2013	673	104.1	104.9	105.6	105.9	105.8	99.2	92.1	106.0
2014	640	103.9	105.0	105.6	106.0	105.8	99.2	92.8	106.1
2015	513	103.7	104.9	105.5	105.8	105.6	99.1	93.1	105.9
2016	411	102.9	105.1	105.1	105.7	104.9	98.4	93.5	105.6
2017	184	102.7	105.0	105.0	105.6	104.8	98.3	93.7	105.5

Tabel: 334 Montbéliard: Gebruikskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	12	98.3	79.1	102.2	102.1	104.0
1986	11	98.1	85.8	101.7	102.8	104.7
1987	15	98.1	94.3	102.1	102.7	104.5
1988	17	98.7	73.2	101.9	102.2	104.3
1989	30	99.0	69.8	101.5	101.6	104.1
1990	31	98.5	85.9	101.1	101.6	103.8
1991	19	98.8	75.4	101.8	101.9	104.2
1992	28	99.0	81.4	102.3	102.1	103.9
1993	35	96.4	95.1	101.6	101.2	103.1
1994	62	96.9	80.7	101.8	101.2	103.0
1995	29	97.1	81.1	101.4	101.2	103.2
1996	32	97.2	85.4	101.6	101.7	103.3
1997	37	97.5	91.4	101.6	101.7	102.9
1998	47	98.7	92.6	101.6	101.6	103.4
1999	50	98.5	90.8	101.2	101.5	103.3
2000	37	99.6	91.9	101.1	101.3	103.3
2001	30	98.7	88.5	101.5	102.0	103.1
2002	37	99.0	86.4	101.7	101.9	102.9
2003	35	99.1	88.9	102.1	102.2	103.3
2004	33	98.6	91.7	102.0	102.3	103.2

2005	60	97.9	94.4	102.4	102.4	103.1
2006	30	98.2	87.8	102.7	102.8	103.1
2007	42	98.4	92.4	103.0	103.0	103.4
2008	39	98.5	92.0	102.7	102.8	103.4
2009	38	98.6	94.6	102.3	102.4	103.1
2010	22	99.2	96.0	102.4	102.2	103.0
2011	47	98.8	94.8	102.5	101.9	102.9
2012	46	99.5	94.8	103.0	102.5	103.3
2013	46	98.6	95.1	103.2	102.6	103.2
2014	48	98.6	94.7	102.8	102.1	103.0
2015	29	99.1	95.6	103.1	102.5	103.3
2016	32	99.4	95.5	102.8	102.1	103.2

Tabel: 335 Montbéliard: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1985	27	-127.6	-463.8	-27.0	103.7	105.8	88.0	100.0	101.1
1986	22	-115.5	-442.4	-118.2	104.4	106.1	88.4	100.6	100.8
1987	31	-123.7	-475.1	-17.0	104.2	106.0	88.1	100.2	101.1
1988	33	-120.7	-442.0	-165.6	103.9	105.6	88.7	100.1	101.2
1989	60	-155.3	-454.3	-291.2	103.4	107.2	87.6	99.5	101.7
1990	80	-152.1	-432.6	-261.6	103.2	105.8	87.2	100.3	101.6
1991	45	-138.6	-430.6	-128.7	103.5	105.5	87.3	99.6	101.4
1992	73	-141.0	-418.3	-195.2	103.5	104.8	86.1	99.8	101.6
1993	86	-124.8	-377.3	-164.3	102.6	105.6	86.6	100.9	101.2
1994	146	-129.8	-383.8	-126.9	102.5	104.9	87.4	100.6	101.0
1995	105	-131.3	-367.6	-226.4	102.7	104.9	87.0	100.5	101.1
1996	174	-118.4	-355.6	-145.1	102.9	104.4	86.6	100.5	101.6
1997	135	-115.3	-335.5	-181.1	102.6	105.0	86.9	100.6	102.1
1998	177	-114.8	-329.6	-178.5	103.0	104.8	87.6	100.6	102.1
1999	206	-123.4	-341.1	-210.5	102.9	105.0	86.6	100.3	101.6
2000	212	-121.5	-328.6	-211.3	102.7	105.1	87.1	100.6	101.5
2001	231	-104.3	-307.4	-178.2	102.9	105.2	87.1	100.2	101.5
2002	175	-87.1	-259.4	-142.2	102.8	105.6	87.0	101.1	101.7
2003	222	-78.5	-237.1	-122.0	103.2	105.3	87.2	101.3	101.0
2004	254	-69.9	-222.6	-109.9	103.2	105.5	87.4	101.0	101.1
2005	347	-62.0	-210.4	-108.6	103.1	105.6	87.4	101.7	101.9
2006	348	-56.3	-201.0	-100.6	103.3	105.7	87.4	101.1	101.9
2007	397	-43.6	-178.9	-90.9	103.6	105.8	87.6	101.3	102.3
2008	403	-36.0	-159.3	-65.4	103.5	106.1	87.7	101.2	102.0
2009	458	-31.9	-149.3	-61.3	103.1	106.2	88.4	101.6	101.9
2010	445	-15.4	-106.6	-30.8	103.0	106.0	87.4	101.4	101.6
2011	508	-10.6	-94.2	-25.3	102.8	105.8	89.2	101.4	101.7
2012	519	10.2	-69.3	26.4	103.3	106.1	89.5	102.6	101.7
2013	559	17.8	-57.4	42.7	103.3	106.0	91.1	102.5	101.6
2014	523	25.5	-37.0	56.5	103.0	106.1	91.4	102.4	101.6
2015	430	40.1	-17.0	99.1	103.3	105.9	90.8	103.5	101.9
2016	344	45.9	2.9	102.5	103.0	105.6	90.6	103.5	101.7
2017	57	43.8	10.3	101.6	102.7	105.5	88.7	105.3	101.2

Tabel: 336 Montbéliard: Klauwgezondheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2001	31	99.8	94.9	104.4	102.4	97.9	100.8	93.5

2002	15	100.4	94.9	104.9	103.0	98.3	101.4	93.7
2003	16	99.6	94.6	104.3	102.5	98.1	100.8	92.8
2004	26	100.6	95.0	105.0	103.4	98.1	101.7	93.2
2005	53	101.4	95.4	106.0	104.0	98.5	100.8	92.7
2006	39	101.2	95.7	105.6	103.2	98.9	101.1	93.3
2007	56	101.2	95.9	104.9	103.4	99.3	101.8	93.8
2008	57	101.1	95.7	105.2	103.3	99.1	101.5	93.5
2009	47	101.2	96.3	104.9	103.0	99.6	101.1	94.1
2010	40	100.6	95.3	105.0	102.6	98.8	100.8	93.9
2011	75	100.8	96.0	104.7	102.6	99.1	101.4	94.0
2012	73	100.6	96.1	104.5	102.2	99.4	101.5	94.2
2013	62	101.3	97.1	104.6	102.8	99.5	101.8	94.1
2014	50	101.2	96.3	105.0	102.8	99.4	102.0	94.2
2015	32	101.1	96.3	105.0	102.6	99.4	101.8	93.9
2016	38	101.1	96.6	105.2	102.1	99.9	101.8	93.9

Tabel: 337 Montbéliard: Levensvatbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1985	12	95.7	104.1	95.7	104.1	97.2	103.8
1986	15	96.3	103.4	96.3	103.4	97.7	103.3
1987	15	95.6	104.3	95.6	104.3	96.9	104.3
1988	16	95.7	104.1	95.7	104.1	97.2	103.6
1989	35	96.3	104.5	96.3	104.5	97.7	104.2
1990	51	96.2	104.3	96.2	104.3	97.5	103.9
1991	20	96.0	104.4	96.0	104.4	97.2	104.0
1992	45	96.0	104.2	96.0	104.2	97.3	103.8
1993	76	95.8	103.9	95.8	103.9	96.6	104.4
1994	120	95.8	103.7	95.8	103.7	96.7	104.2
1995	79	96.0	103.7	96.0	103.7	97.1	104.2
1996	118	96.4	103.8	96.4	103.8	97.7	104.2
1997	118	96.6	104.4	96.6	104.4	98.0	104.8
1998	133	96.3	104.7	96.3	104.7	97.9	104.8
1999	163	95.9	104.6	95.9	104.6	97.5	104.2
2000	181	95.8	104.6	95.8	104.6	97.2	104.4
2001	206	95.9	104.3	95.9	104.3	97.0	104.0
2002	205	96.0	104.4	96.0	104.4	97.0	104.1
2003	266	95.5	104.0	95.5	104.0	96.5	103.6
2004	318	95.3	104.1	95.3	104.1	96.6	103.8
2005	413	95.8	104.7	95.8	104.7	97.2	104.3
2006	465	95.9	104.7	95.9	104.7	97.3	104.2
2007	535	95.9	105.2	95.9	105.2	97.2	104.6
2008	586	95.7	105.0	95.7	105.0	96.9	104.6
2009	718	95.6	104.9	95.6	104.9	96.8	104.5
2010	685	95.3	104.9	95.3	104.9	96.7	104.5
2011	726	95.4	104.8	95.4	104.8	96.9	104.5
2012	762	95.4	104.9	95.4	104.9	97.1	104.9
2013	822	95.5	104.8	95.5	104.8	97.2	105.0
2014	807	95.4	104.8	95.4	104.8	97.2	105.0
2015	716	95.8	105.0	95.8	105.0	97.3	105.1
2016	615	95.9	104.7	95.9	104.7	97.3	104.9
2017	494	95.5	103.9	95.5	103.9	96.9	104.3
2018	460	95.7	101.7	95.7	101.7	97.1	102.1
2019	141	95.9	100.0	95.9	100.0	97.2	100.4

Tabel: 338 Montbéliard: Geboortekenmerken
 Basis: Melkdoel rood

Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1985	10	91.7	109.8	111.3	87.7	73.4	74.4
1986	12	91.3	110.8	111.8	73.0	62.6	62.2
1987	13	91.7	110.0	111.6	92.9	79.1	79.2
1988	12	92.1	109.8	110.7	72.1	62.3	63.4
1989	27	89.9	109.9	112.8	92.3	76.8	78.4
1990	35	91.3	109.9	111.3	93.2	78.3	80.1
1991	16	90.8	110.6	112.0	88.3	74.2	75.7
1992	22	91.6	110.2	111.1	94.5	79.6	80.7
1993	41	90.3	109.9	112.7	97.8	80.4	79.9
1994	61	90.6	109.9	112.5	94.8	78.5	77.9
1995	32	90.3	109.7	112.7	89.9	74.3	74.2
1996	47	91.1	109.4	112.0	89.9	72.8	73.7
1997	51	91.0	109.8	112.1	104.8	84.9	85.6
1998	63	91.0	110.2	111.8	100.0	81.7	83.4
1999	59	90.6	110.2	112.2	82.3	68.2	69.2
2000	78	91.1	110.6	111.8	68.7	57.6	58.9
2001	53	91.5	110.0	111.3	90.3	76.5	77.8
2002	65	92.1	110.1	110.7	90.4	77.6	78.7
2003	103	91.9	109.2	111.0	97.5	82.8	83.8
2004	132	92.1	109.9	110.8	100.0	84.9	86.5
2005	197	92.5	109.7	110.4	107.6	90.4	91.8
2006	194	92.5	110.0	110.4	106.1	89.1	90.8
2007	263	91.9	109.5	110.9	109.6	91.3	93.0
2008	311	92.0	109.2	110.8	108.8	91.9	93.4
2009	380	91.7	109.2	111.0	108.0	91.3	92.9
2010	341	91.4	109.4	111.2	108.4	90.7	92.5
2011	365	92.1	109.3	110.5	108.3	91.0	92.5
2012	426	91.8	109.0	110.6	109.0	92.1	93.1
2013	363	92.2	109.3	110.2	108.9	92.1	93.2
2014	455	92.4	108.7	110.0	109.0	92.1	93.3
2015	360	92.2	109.1	110.2	109.1	92.4	93.6
2016	270	92.8	108.1	109.5	107.6	92.2	93.5
2017	202	93.0	108.2	109.2	106.6	90.6	92.4
2018	194	92.9	108.0	109.2	100.1	84.7	86.4
2019	60	93.5	106.9	108.6	97.8	83.5	84.8

Tabel: 339 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
1985	17	105.1	120.9	98.9	104.4	114.9	103.6	101.7	96.2	117.1	103.4	106.0
1986	19	104.8	121.6	98.8	104.4	115.1	104.1	101.1	96.1	117.8	103.2	106.4
1987	19	105.3	120.7	99.6	105.2	114.1	104.2	101.8	97.2	116.3	104.4	106.4
1988	19	105.3	119.6	99.6	104.1	114.5	103.3	102.3	96.7	115.9	103.8	105.8
1989	53	105.3	120.7	99.8	103.8	115.5	103.9	102.1	95.4	117.7	103.5	106.9
1990	62	105.3	120.9	99.3	103.9	115.3	104.0	101.8	95.8	117.8	103.1	107.1
1991	33	105.8	121.3	99.3	104.7	115.5	103.6	102.4	96.7	117.6	103.5	107.1
1992	57	104.5	120.2	100.1	104.1	113.9	104.6	101.1	96.5	116.7	103.9	106.4
1993	75	104.2	120.9	99.3	105.0	114.0	104.8	100.8	95.7	117.4	103.7	107.2
1994	134	104.5	120.8	99.1	105.2	114.0	104.6	101.2	95.7	117.2	103.4	107.4
1995	91	104.0	120.7	99.4	105.2	113.3	105.0	100.7	95.8	116.7	103.7	107.1
1996	127	104.5	120.6	98.6	105.1	113.6	104.2	101.3	96.1	116.5	103.3	106.9
1997	112	104.4	120.8	98.8	105.4	113.4	104.8	101.1	96.2	116.8	103.3	107.6
1998	149	105.1	120.7	99.2	104.6	114.6	104.0	101.8	95.9	117.3	103.1	107.4
1999	174	105.5	120.7	98.8	105.0	114.7	104.1	102.2	96.4	117.1	103.4	107.5
2000	182	105.5	120.9	98.9	105.0	114.9	104.2	101.9	96.5	117.5	103.2	107.7

2001	211	105.6	121.1	98.9	105.4	114.7	104.4	101.8	97.0	117.6	103.5	107.7
2002	169	104.7	120.5	98.9	104.9	114.1	104.7	101.0	96.6	117.5	103.1	107.7
2003	235	105.0	120.4	99.5	105.2	114.3	104.4	101.6	96.1	117.1	103.2	107.8
2004	263	105.3	120.5	99.3	105.2	114.3	104.2	101.8	96.8	117.1	103.3	107.7
2005	346	105.7	120.7	98.8	105.4	114.4	103.9	102.1	97.2	117.2	103.1	108.0
2006	346	105.8	120.3	99.3	105.4	114.3	103.9	102.1	97.5	116.9	103.2	108.0
2007	381	105.3	120.0	99.3	105.5	113.5	104.3	101.6	97.7	116.4	103.2	107.8
2008	373	105.5	120.1	99.3	105.9	113.6	104.2	102.2	97.0	116.2	103.6	107.8
2009	391	105.9	120.0	99.2	106.2	113.5	104.0	102.8	96.9	116.1	103.5	108.2
2010	315	106.0	118.9	99.7	105.7	113.0	103.8	103.0	97.3	115.2	103.5	107.9
2011	247	106.2	118.8	99.7	105.7	113.0	103.7	103.3	97.6	115.0	103.6	108.0
2012	128	106.4	119.0	99.8	105.9	113.1	103.7	103.5	97.8	115.2	103.7	107.9
2013	84	105.2	118.0	99.8	105.2	111.8	104.2	102.2	97.7	114.5	103.8	107.1
2014	75	104.0	116.3	100.6	104.5	110.1	104.9	101.4	97.7	113.0	104.3	106.0
2015	36	105.4	117.4	100.5	105.5	111.3	104.2	102.6	97.9	113.8	103.9	107.3
2016	50	105.7	117.4	100.6	105.7	111.5	104.2	103.2	97.9	114.0	104.3	107.6

Tabel: 340 Montbéliard: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1985	12	94.3	100.0	83.8
1986	15	92.9	99.1	83.9
1987	15	92.9	98.9	84.8
1988	16	93.1	98.1	85.6
1989	38	94.4	100.2	85.0
1990	54	94.6	100.3	84.6
1991	20	94.0	99.9	84.3
1992	47	93.4	99.4	83.9
1993	81	93.4	99.7	84.8
1994	126	93.1	99.3	84.8
1995	91	93.2	99.1	84.6
1996	125	93.5	99.2	84.9
1997	134	93.7	99.3	84.3
1998	150	94.1	99.8	84.2
1999	176	93.5	99.3	84.3
2000	191	93.6	99.4	84.2
2001	219	93.4	99.1	85.4
2002	222	93.3	99.1	85.8
2003	293	93.5	99.1	86.3
2004	341	93.3	98.9	86.6
2005	440	92.9	98.6	86.1
2006	508	93.3	98.9	86.5
2007	570	93.0	98.8	86.2
2008	645	92.7	98.7	85.7
2009	782	92.7	98.8	85.9
2010	734	93.5	99.2	86.3
2011	782	93.7	99.4	86.4
2012	804	94.1	99.8	86.1
2013	889	94.2	99.9	85.7
2014	878	95.0	100.5	86.1
2015	781	94.7	100.3	85.6
2016	678	94.8	100.5	85.7
2017	549	95.1	100.8	85.9
2018	514	95.4	101.0	86.0
2019	155	95.1	100.8	85.3

Tabel: 341 Montbéliard: Levensproductiekenmerken

Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	224	-2199.2	-8684.7	-383.6	-310.7
2002	173	-1847.7	-7307.2	-322.5	-260.7
2003	222	-1665.0	-6437.5	-294.0	-233.7
2004	255	-1557.3	-5951.9	-275.9	-218.5
2005	346	-1495.4	-5727.7	-267.0	-208.7
2006	350	-1409.0	-5368.0	-248.7	-198.3
2007	402	-1274.5	-4811.7	-226.6	-178.7
2008	411	-1058.8	-3877.7	-192.4	-146.7
2009	464	-985.7	-3614.4	-179.3	-136.5
2010	455	-645.7	-2243.5	-120.8	-88.1
2011	527	-574.3	-1992.4	-107.0	-78.6
2012	542	-154.5	-315.4	-36.9	-17.7
2013	589	-5.5	226.1	-8.3	2.2
2014	531	160.8	955.5	20.5	25.6
2015	435	514.4	2472.5	80.8	75.9
2016	343	607.5	2609.3	95.6	90.6
2017	55	615.8	2605.4	100.9	89.9

Tabel: 342 Montbéliard: Robot / AMS kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Eff	Int	Gewen
1989	14	98.3	104.7	98.3
1990	15	97.6	105.0	97.9
1991	10	97.4	104.5	98.1
1992	16	97.9	105.1	98.1
1993	22	96.9	105.0	97.8
1994	27	97.1	104.9	98.0
1995	20	97.0	105.2	98.0
1996	20	97.5	105.3	97.8
1997	31	96.5	104.7	97.5
1998	31	97.2	104.7	97.6
1999	16	98.0	104.9	97.3
2000	29	98.6	105.0	97.4
2001	22	97.4	104.1	98.5
2002	25	96.9	104.5	98.2
2003	36	97.8	104.4	98.0
2004	40	97.4	104.6	98.0
2005	59	96.7	103.9	98.1
2006	55	96.6	104.2	98.1
2007	84	96.3	104.3	98.2
2008	110	96.2	104.6	97.5
2009	141	96.5	104.1	98.0
2010	144	96.9	104.4	98.0
2011	181	97.2	105.6	98.0
2012	166	97.2	106.4	97.8
2013	198	96.8	107.4	97.4
2014	159	96.9	107.5	97.8
2015	147	96.6	108.7	97.3
2016	107	98.0	109.0	97.2
2017	15	98.9	109.1	97.3

Tabel: 343 Montbéliard: Overige productie en efficiency kenm.

Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1983	10	102.6	97.6	0	0.0	0	0.0
1984	12	101.0	97.7	0	0.0	0	0.0
1985	33	102.3	98.8	36	-4.6	0	0.0
1986	30	102.7	99.3	31	-4.2	0	0.0
1987	56	101.4	99.2	58	-4.9	0	0.0
1988	46	101.8	99.0	47	-4.3	0	0.0
1989	60	100.8	99.1	60	-3.2	0	0.0
1990	81	100.9	98.6	81	-3.2	0	0.0
1991	47	101.7	98.6	47	-3.6	0	0.0
1992	76	102.5	99.2	76	-3.5	0	0.0
1993	87	102.3	98.5	87	-2.7	0	0.0
1994	150	102.0	98.9	150	-2.9	0	0.0
1995	107	102.1	99.8	107	-2.6	0	0.0
1996	180	102.8	101.1	180	-2.8	0	0.0
1997	138	102.4	100.2	138	-2.2	0	0.0
1998	179	102.2	99.8	179	-2.0	0	0.0
1999	209	101.7	99.4	209	-2.2	0	0.0
2000	212	101.4	99.1	212	-1.9	0	0.0
2001	234	101.4	98.7	234	-1.8	29	105.6
2002	176	101.7	98.0	176	-1.2	35	105.2
2003	223	102.2	98.1	223	-1.0	34	106.1
2004	254	102.1	97.7	254	-0.9	33	104.9
2005	347	102.2	97.8	347	-0.6	60	105.5
2006	348	102.6	97.5	348	-0.4	33	105.9
2007	397	102.4	97.6	397	-0.2	42	106.5
2008	403	102.1	97.0	403	-0.0	46	106.5
2009	458	101.9	97.0	458	0.1	40	107.0
2010	445	102.1	97.3	446	0.4	33	107.6
2011	508	102.2	97.6	508	0.6	54	106.8
2012	519	102.9	98.2	519	0.7	55	106.1
2013	559	102.8	98.0	559	0.8	58	105.8
2014	523	102.6	97.5	524	0.9	65	105.8
2015	430	103.5	97.6	430	1.2	37	106.8
2016	344	103.4	96.8	344	1.2	50	106.2
2017	57	103.6	97.0	57	1.4	3	104.0

Tabel: 344 Piemontese: Vruchtbaarheidskenmerken

Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	20	96.6	101.1	94.0	96.5	91.7	89.2	76.0	95.1
1986	18	97.0	100.9	94.3	96.7	92.1	89.2	74.8	95.1
1987	28	97.6	101.0	94.8	97.0	92.3	89.7	78.5	95.6
1988	31	97.7	101.4	95.3	97.6	92.6	90.2	82.3	96.2
1989	63	96.0	101.2	93.7	96.6	90.8	88.5	80.7	94.9
1990	96	96.8	101.0	94.7	96.9	91.9	90.1	79.9	95.5
1991	181	97.2	101.1	94.7	97.0	92.1	90.1	79.1	95.6
1992	311	97.3	101.1	94.9	97.1	92.2	90.1	79.1	95.8
1993	396	97.5	101.6	95.4	97.6	92.6	89.9	78.1	96.3
1994	366	97.7	101.3	95.5	97.5	92.9	90.1	77.6	96.3
1995	367	97.7	101.5	95.7	97.7	93.0	90.1	78.0	96.5
1996	401	97.7	101.4	95.8	97.6	93.0	90.1	78.0	96.5
1997	394	97.6	101.5	95.6	97.6	92.9	90.0	77.8	96.4
1998	388	97.8	101.5	95.9	97.8	93.3	90.8	77.6	96.7
1999	398	97.7	101.5	95.9	97.9	93.4	91.1	78.1	96.7

2000	395	97.6	101.5	95.8	97.7	93.3	91.2	78.1	96.6
2001	369	97.8	101.5	95.9	97.9	93.5	91.0	78.1	96.7
2002	358	97.6	101.9	96.1	98.2	93.6	91.1	78.6	96.9
2003	321	97.6	101.5	95.8	97.8	93.4	91.0	78.7	96.6
2004	369	97.4	101.6	95.7	97.9	93.3	90.9	78.8	96.6
2005	354	97.0	101.6	95.4	97.7	93.0	91.0	79.4	96.3
2006	320	97.3	101.6	95.6	97.8	93.2	91.2	79.2	96.5
2007	341	97.3	101.9	95.9	98.2	93.4	91.2	79.2	96.8
2008	288	97.5	101.7	96.0	98.1	93.6	91.4	79.3	96.8
2009	315	97.4	101.6	95.8	97.9	93.4	91.3	79.6	96.6
2010	292	97.0	101.8	95.8	98.0	93.2	91.1	80.5	96.7
2011	265	97.3	101.7	95.8	98.0	93.4	91.2	79.7	96.7
2012	222	97.3	101.7	95.8	98.0	93.3	91.1	79.5	96.7
2013	252	97.1	101.8	95.7	98.0	93.2	91.1	80.1	96.6
2014	273	97.1	101.8	95.6	98.0	93.2	91.0	79.9	96.6
2015	172	97.1	101.9	95.7	98.1	93.1	90.8	80.3	96.6
2016	95	97.1	101.6	95.4	97.6	92.8	90.6	79.8	96.3
2017	25	97.5	101.7	95.7	98.2	93.4	90.8	79.4	96.8

Tabel: 345 Piemontese: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	13	70.4	115.6	123.8	41.8	34.3	33.5
1990	21	69.9	116.5	124.3	42.3	33.5	32.3
1991	41	70.9	116.1	123.4	48.6	39.3	38.3
1992	40	70.9	117.7	123.7	52.8	42.0	41.7
1993	37	72.2	117.1	122.3	67.9	55.3	55.0
1994	53	70.7	117.7	124.1	70.3	57.7	57.4
1995	66	72.2	116.7	122.6	74.7	61.5	61.3
1996	75	72.4	117.6	122.5	73.1	60.0	60.0
1997	80	72.7	116.9	122.0	57.4	47.6	47.2
1998	92	71.9	118.4	123.0	73.8	60.6	60.6
1999	109	72.8	117.8	122.2	72.8	59.7	59.5
2000	119	73.6	116.7	121.3	74.4	61.6	61.5
2001	134	73.6	117.5	121.3	93.8	77.8	77.6
2002	138	73.5	117.2	121.4	88.1	72.5	72.5
2003	118	73.8	117.3	121.1	87.4	73.7	73.4
2004	162	73.5	117.6	121.5	92.1	77.1	77.1
2005	205	74.0	117.9	121.0	98.0	81.7	81.5
2006	169	74.2	118.2	120.9	100.5	84.6	84.1
2007	312	75.4	118.2	119.8	97.7	81.2	81.1
2008	316	75.4	118.5	119.8	94.5	77.8	77.3
2009	286	75.0	118.5	120.4	103.6	84.7	84.0
2010	280	75.3	117.7	120.0	100.5	82.2	81.0
2011	261	76.3	118.0	119.1	100.8	81.8	80.5
2012	223	75.9	117.7	119.4	95.8	77.4	76.2
2013	213	75.9	117.7	119.3	96.3	78.4	77.2
2014	234	75.5	117.8	119.8	94.6	76.2	75.0
2015	204	75.5	116.2	119.4	68.0	55.0	54.0
2016	188	77.0	116.3	117.9	58.4	47.4	46.6
2017	159	75.8	115.6	119.2	34.7	27.9	27.4
2018	135	77.5	115.5	117.4	27.4	22.2	21.9
2019	80	76.5	114.6	118.1	26.5	21.6	21.2

Tabel: 346 Piemontese: Vleeskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1988	12	111.5	144.7	102.4	116.9	125.0	114.6	103.6	98.9	130.6	118.3	112.2
1989	25	111.2	145.7	104.6	116.8	125.7	115.4	102.9	98.6	132.2	120.0	112.2
1990	42	109.7	144.9	103.0	116.4	124.6	114.3	102.3	96.8	131.4	118.7	111.3
1991	87	110.2	145.0	103.7	116.5	124.9	114.3	102.4	97.5	131.7	119.0	111.6
1992	139	110.8	146.0	103.6	116.9	125.9	113.5	103.2	97.0	132.1	118.5	112.0
1993	175	109.9	144.9	103.8	115.7	125.3	113.6	102.6	96.8	131.4	118.2	110.7
1994	170	109.7	144.7	103.7	115.7	124.9	113.6	102.4	96.6	131.3	117.9	111.1
1995	180	110.0	145.3	103.9	116.0	125.2	113.8	102.4	96.8	131.8	118.3	111.5
1996	177	110.0	145.5	104.0	116.1	125.3	114.0	102.3	96.9	131.8	118.5	111.3
1997	181	109.9	145.7	104.0	116.2	125.2	114.1	102.2	96.9	131.9	118.6	111.3
1998	152	110.6	146.5	104.1	116.8	126.3	113.9	102.7	96.9	132.5	118.4	112.2
1999	188	110.7	146.9	104.0	117.2	126.4	114.1	102.8	97.0	132.7	118.6	112.7
2000	188	110.3	146.6	104.1	117.0	126.1	114.5	102.1	97.1	132.9	118.9	112.5
2001	177	110.5	147.3	104.2	117.6	126.5	115.4	102.1	97.4	133.6	119.4	113.1
2002	174	110.9	147.3	104.2	117.6	127.0	115.6	102.2	97.6	134.1	119.4	113.6
2003	157	111.0	147.4	104.3	118.0	126.9	115.6	102.4	97.6	134.2	119.6	114.0
2004	169	111.1	147.5	104.4	118.3	126.7	116.0	102.4	97.9	134.3	120.0	114.1
2005	156	111.4	148.4	104.9	119.1	127.0	116.3	102.7	97.9	135.1	120.4	115.3
2006	131	111.6	148.6	104.9	118.7	127.6	116.2	102.6	97.8	135.7	120.2	115.4
2007	119	111.3	148.8	104.3	119.0	127.4	116.2	102.4	97.5	135.6	119.8	115.4
2008	76	111.2	147.5	103.8	119.1	126.4	116.3	102.5	97.8	135.0	119.6	115.7
2009	63	111.5	148.0	104.0	119.7	126.7	116.4	102.7	97.8	135.3	119.9	116.3
2010	26	111.7	148.2	103.0	121.2	125.5	116.9	103.2	97.8	135.5	119.5	117.9

Tabel: 347 Blonde d'Aquitaine: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	42	99.0	97.3	94.0	94.7	93.1	84.7	55.5	94.1
1981	15	97.8	97.5	93.3	94.1	92.1	83.7	55.9	93.5
1982	22	99.2	97.4	94.2	94.7	93.5	84.8	55.1	94.3
1983	15	97.7	97.2	93.1	93.8	92.1	84.2	56.6	93.1
1984	29	98.5	97.3	93.6	94.6	92.7	84.1	55.7	93.8
1985	69	98.3	97.6	93.6	94.5	92.6	84.4	56.7	93.8
1986	86	97.9	98.4	94.0	95.2	92.8	84.7	57.1	94.3
1987	140	98.3	97.5	93.4	94.3	92.6	84.8	57.0	93.6
1988	216	97.8	97.8	93.2	94.4	92.2	85.3	59.1	93.5
1989	411	98.3	97.5	93.6	94.4	92.6	85.4	59.4	93.8
1990	568	98.0	97.8	93.5	94.6	92.3	85.2	62.5	93.8
1991	808	98.4	97.4	93.6	94.5	92.6	85.1	61.3	93.8
1992	1182	98.2	97.4	93.4	94.4	92.4	84.9	61.4	93.7
1993	1166	97.9	97.8	93.5	94.8	92.4	84.8	61.7	93.9
1994	983	98.0	97.6	93.4	94.6	92.3	84.7	61.7	93.8
1995	1120	98.0	97.6	93.6	94.7	92.4	84.7	61.7	93.9
1996	1061	97.9	97.7	93.6	94.7	92.4	84.4	60.6	93.9
1997	1101	98.1	97.6	93.6	94.7	92.5	84.3	60.3	93.8
1998	1001	97.9	97.8	93.6	94.8	92.4	84.3	60.6	93.9
1999	951	98.2	97.5	93.7	94.7	92.6	84.5	60.2	93.9
2000	990	98.0	97.9	93.8	95.0	92.7	84.6	60.5	94.1
2001	940	97.9	98.0	93.7	95.0	92.5	84.5	60.3	94.1
2002	878	98.0	98.1	93.8	95.1	92.7	84.5	60.3	94.2
2003	918	98.0	97.9	93.6	94.9	92.5	84.4	60.0	94.0
2004	958	97.9	97.7	93.4	94.7	92.4	84.5	60.2	93.8
2005	994	97.6	97.9	93.2	94.7	92.2	84.3	60.1	93.7
2006	1031	97.7	97.8	93.3	94.7	92.3	84.4	60.2	93.7
2007	985	97.7	97.8	93.2	94.7	92.2	84.4	60.2	93.7
2008	1046	97.8	97.8	93.3	94.7	92.3	84.6	60.6	93.7

2009	984	97.7	97.7	93.2	94.7	92.2	84.5	60.6	93.7
2010	943	97.6	97.7	93.1	94.6	92.2	84.6	60.8	93.6
2011	895	97.9	97.7	93.3	94.7	92.4	84.9	61.0	93.7
2012	812	97.8	97.6	93.3	94.6	92.4	84.7	60.9	93.7
2013	777	97.9	97.6	93.3	94.7	92.4	84.7	60.8	93.7
2014	604	97.8	97.7	93.3	94.7	92.4	84.8	61.2	93.7
2015	216	97.8	97.6	93.3	94.6	92.5	84.8	61.4	93.7
2016	99	97.9	97.2	93.1	94.4	92.4	84.4	60.3	93.5
2017	44	97.9	97.3	93.2	94.5	92.5	84.9	61.3	93.6

Tabel: 348 Blonde d'Aquitaine: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12	67.8	124.4	134.3	10.8	6.7	6.4
1985	11	66.6	125.4	135.3	11.9	7.2	6.7
1987	22	65.6	125.7	136.2	6.0	3.7	3.6
1988	28	65.5	125.0	136.5	4.6	2.9	2.8
1989	44	65.0	125.5	136.9	8.9	5.5	5.2
1990	47	64.8	124.9	137.1	16.9	10.3	10.0
1991	62	64.6	125.2	137.4	10.6	6.4	6.1
1992	98	65.5	125.6	136.5	24.3	14.7	13.8
1993	115	66.2	125.7	135.8	26.5	16.0	15.2
1994	92	66.0	125.5	136.0	37.1	22.7	21.3
1995	90	66.8	124.7	135.2	32.2	19.4	18.6
1996	84	67.2	125.1	135.0	36.3	22.0	20.5
1997	113	67.9	124.9	134.1	31.5	19.1	18.3
1998	124	67.4	124.9	134.6	53.2	32.6	31.1
1999	128	67.3	125.2	134.7	48.1	29.7	28.2
2000	133	67.6	124.9	134.5	60.3	37.0	35.3
2001	166	68.5	125.0	133.6	71.7	44.4	42.3
2002	147	69.1	124.3	132.9	76.8	47.5	44.8
2003	177	68.5	124.9	133.4	70.3	43.6	41.1
2004	230	68.4	125.2	133.5	88.1	54.4	51.6
2005	292	68.4	125.5	133.6	100.8	62.3	59.9
2006	249	68.5	125.4	133.5	88.1	54.5	52.5
2007	421	70.0	126.0	131.9	94.9	58.8	56.3
2008	480	70.5	126.0	131.4	103.7	64.9	61.9
2009	412	70.3	125.9	131.6	94.7	59.1	56.6
2010	405	69.8	125.5	132.0	102.9	64.0	60.9
2011	406	69.4	125.1	132.4	101.7	62.5	59.2
2012	391	69.0	125.0	132.8	96.9	59.3	56.3
2013	355	68.6	125.0	133.4	95.7	58.6	55.7
2014	393	68.9	124.3	133.1	96.2	59.9	56.9
2015	317	68.5	123.8	133.4	93.2	57.9	54.7
2016	297	67.8	124.2	134.2	68.7	42.7	40.3
2017	262	68.4	124.1	133.7	50.9	31.8	29.9
2018	234	69.0	123.9	132.9	47.1	29.7	28.0
2019	121	68.5	123.7	133.5	34.5	21.6	20.3

Tabel: 349 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	117.8	148.9	105.8	131.0	130.9	116.2	107.8	102.8	133.2	119.0	121.5
1985	12	116.2	148.1	106.1	132.7	129.8	118.9	106.2	101.8	132.2	119.7	124.4

1986	15	114.5	147.3	104.6	131.5	130.4	118.4	104.3	100.3	132.3	117.7	124.0
1987	31	116.1	148.3	106.0	133.0	129.8	118.9	106.1	101.5	132.3	119.3	125.0
1988	44	116.2	147.6	106.2	132.6	129.0	118.4	106.4	102.0	131.5	119.4	124.1
1989	88	116.2	148.9	106.1	133.0	129.8	118.5	106.2	101.6	132.5	119.5	124.1
1990	104	115.8	148.3	106.3	132.3	129.1	118.3	106.0	101.6	132.1	119.3	123.4
1991	242	115.4	147.8	106.0	131.8	128.8	117.8	105.8	101.2	131.4	119.2	122.4
1992	357	115.6	148.2	106.3	131.8	129.4	117.9	105.9	101.3	131.9	119.5	122.4
1993	362	116.0	148.2	106.4	132.3	129.1	117.8	106.4	101.5	131.7	119.5	122.7
1994	254	116.5	148.1	106.4	132.7	128.7	117.7	106.9	102.0	131.4	119.7	123.1
1995	234	116.4	148.7	106.2	132.8	129.2	117.6	106.8	101.9	131.8	119.4	122.9
1996	231	115.9	147.8	106.4	131.7	128.7	117.3	106.3	102.0	131.2	119.2	121.5
1997	260	116.6	148.9	106.4	132.3	129.8	117.1	106.7	102.3	132.1	118.9	122.2
1998	241	116.9	149.1	106.7	132.7	129.9	117.5	106.9	102.5	132.3	119.5	122.3
1999	261	117.3	149.2	106.4	133.0	130.0	117.3	107.3	102.8	132.2	119.3	122.8
2000	275	116.7	148.6	105.9	132.6	129.6	117.3	106.8	102.4	131.9	119.1	122.4
2001	271	116.6	148.6	105.7	132.5	129.7	117.2	106.7	102.3	131.9	118.8	122.4
2002	214	116.7	148.3	106.1	132.0	130.0	117.4	106.7	102.4	132.1	119.1	122.4
2003	214	117.2	148.1	106.4	131.7	130.0	116.7	107.1	103.0	131.9	118.8	122.1
2004	243	117.2	147.6	106.4	131.5	130.0	116.6	107.3	102.7	131.7	118.5	122.9
2005	241	116.7	147.2	106.8	131.6	129.2	117.0	106.9	102.4	131.4	118.7	122.9
2006	162	116.9	146.8	107.1	130.7	129.7	116.7	107.0	102.5	131.5	118.5	122.6
2007	172	116.9	146.8	106.8	131.1	129.4	116.7	107.4	102.1	131.5	118.5	123.1
2008	126	116.9	147.0	106.7	130.8	129.8	116.4	107.3	102.0	131.7	118.5	122.5
2009	96	117.0	146.8	106.7	131.0	129.2	116.2	107.5	102.2	131.3	118.4	122.9
2010	37	116.6	146.7	106.7	130.5	129.2	116.2	107.2	101.9	131.8	118.3	122.6
2011	20	117.5	147.9	106.7	133.2	129.0	116.7	108.0	102.2	132.6	118.3	125.6

Tabel: 350 Normande: Melkproductiekenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1995	13	-1945.9	-77.1	-65.9	-88.9	16.7	6.6	-0.4	-458.9

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

Tabel: 351 Normande: Vruchtbaarheidsskenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1995	13	104.4	106.5	106.2	107.0	103.8	101.7	84.9	106.9

Tabel: 352 Normande: NVI met onderliggende kenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1995	13	-124.7	-458.9	0.0	99.8	106.9	86.5	90.0	100.0

Tabel: 353 Normande: Overige productie en efficiency kenm.

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1995	13	103.7	93.1	13	-4.9	0	0.0