

Genetische trends van koeien in Nederland

Datum: 06-12-2018

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
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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
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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: 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
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Tabel: 289 Fleck Vieh, basis Y: Levensproductiekenmerken
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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
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Tabel: 323 Angler, basis R: Exterieurkenmerken uier
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Tabel: 327 Angler, basis R: Overige productie en efficiency kenm.
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Tabel: 329 Montbéliard, basis R: Exterieurkenmerken bouw
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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	2259	-2331.7	-75.2	-83.1	-108.3	38.3	-2.3	-3.0	-535.5
1981	2781	-2250.4	-73.0	-81.5	-104.3	36.1	-4.1	-2.5	-522.7
1982	3196	-2144.9	-67.9	-77.7	-99.1	36.5	-3.9	-1.8	-494.0
1983	4843	-2073.5	-63.3	-75.8	-94.9	38.2	-4.8	-0.5	-474.9
1984	7616	-2066.1	-61.5	-75.2	-94.4	40.5	-4.1	-0.2	-465.8
1985	12240	-2082.9	-60.1	-73.9	-94.8	44.0	-1.3	0.2	-457.2
1986	19913	-2056.5	-57.8	-71.3	-93.5	45.8	1.3	0.4	-442.1
1987	34256	-1974.0	-55.3	-68.2	-89.7	43.7	1.7	0.5	-422.7
1988	61813	-1894.4	-52.6	-65.2	-86.0	42.4	2.0	0.6	-403.5
1989	91585	-1806.5	-48.3	-62.4	-81.9	42.5	1.6	0.6	-381.9
1990	118052	-1705.4	-46.6	-59.5	-77.3	38.3	0.7	0.6	-365.0
1991	131410	-1532.8	-41.6	-53.6	-69.5	34.3	0.6	0.6	-327.8
1992	152955	-1387.2	-39.2	-49.5	-62.8	28.2	-0.9	0.6	-304.2
1993	182273	-1300.5	-37.2	-46.5	-58.9	25.6	-0.8	0.6	-286.5
1994	196937	-1179.5	-35.1	-42.8	-53.3	21.2	-1.5	0.6	-265.2
1995	234542	-1036.3	-29.6	-37.6	-46.8	20.2	-1.2	0.5	-230.4
1996	237470	-933.3	-27.1	-33.9	-42.2	17.5	-1.0	0.5	-208.4
1997	237232	-873.8	-23.3	-31.0	-39.5	18.8	-0.0	0.5	-188.0
1998	245874	-806.1	-20.9	-28.4	-36.4	18.1	0.3	0.5	-171.4
1999	250344	-777.9	-18.3	-26.4	-35.1	20.0	1.6	0.5	-157.2
2000	241289	-640.1	-15.3	-22.7	-29.1	16.2	0.4	0.1	-133.8
2001	245297	-601.9	-14.1	-20.9	-28.7	15.6	0.9	-1.4	-123.7
2002	230164	-489.1	-13.6	-18.2	-24.0	10.2	-0.7	-1.9	-110.4
2003	230260	-461.2	-11.1	-17.3	-23.5	11.6	-0.8	-2.9	-101.1
2004	232652	-380.3	-8.6	-13.9	-19.2	10.3	-0.2	-2.2	-80.8
2005	231096	-335.1	-7.6	-12.2	-17.0	9.2	0.0	-2.0	-71.0
2006	247100	-238.7	-6.3	-8.7	-11.7	5.7	0.2	-0.9	-52.2
2007	237106	-157.9	-5.0	-5.9	-7.6	3.2	0.2	-0.5	-36.9
2008	247238	-116.6	-4.1	-4.4	-5.7	2.2	0.2	-0.4	-28.3
2009	241090	-63.3	-2.4	-2.4	-3.1	1.5	0.4	-0.2	-15.5
2010	236314	-17.8	0.4	-0.1	-0.9	2.4	1.2	-0.0	0.2
2011	236691	39.7	3.1	2.3	2.5	2.7	1.6	0.8	16.6
2012	239702	69.5	4.1	3.9	3.7	2.5	2.3	0.6	26.0
2013	251852	110.6	6.3	5.8	5.6	2.9	2.8	0.7	38.9
2014	247730	203.6	9.7	8.7	9.6	2.3	2.4	0.4	59.2
2015	223523	299.7	14.2	12.1	14.1	2.6	2.4	0.4	83.6
2016	122961	388.0	18.8	15.7	18.0	3.4	2.8	0.4	109.3

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	2694	87.9	96.0	88.7	88.2	102.4	97.2	94.3
1981	3213	88.8	96.9	90.0	89.6	102.4	97.2	94.9
1982	3659	89.6	97.0	91.3	90.9	102.6	96.4	94.9
1983	5585	89.7	97.2	91.4	91.2	102.8	96.3	95.1
1984	8066	89.7	97.3	92.0	91.7	103.2	96.3	95.3
1985	11991	89.8	97.4	92.3	92.0	103.4	96.2	95.5

1986	17742	89.9	97.7	92.6	92.2	103.5	95.7	95.4
1987	26967	90.4	97.6	93.2	92.7	103.0	95.8	96.3
1988	41131	90.5	97.8	93.8	93.1	102.7	95.8	96.7
1989	56340	91.1	97.7	94.1	93.5	102.3	96.3	96.9
1990	72179	91.4	97.3	94.3	93.7	101.7	96.8	96.8
1991	81351	92.1	98.0	94.7	94.2	101.5	96.8	96.7
1992	96693	92.7	98.3	95.3	94.7	101.2	97.1	96.9
1993	109128	92.8	97.9	95.1	94.5	100.8	97.1	97.1
1994	114722	93.2	97.8	95.6	95.0	100.3	97.7	97.4
1995	135682	93.3	97.5	95.5	95.2	100.0	97.4	96.8
1996	137138	93.6	97.9	95.9	95.7	99.9	97.6	96.6
1997	136379	94.2	97.9	96.2	96.2	99.6	97.9	96.7
1998	140240	94.4	98.1	96.5	96.3	99.7	97.8	96.8
1999	140968	94.9	98.1	96.8	96.7	99.5	98.3	97.0
2000	136353	95.6	98.2	97.2	97.1	99.2	98.8	97.6
2001	135486	95.9	97.9	97.2	97.3	99.2	98.6	97.5
2002	127850	96.3	98.0	97.6	97.8	98.9	99.0	97.5
2003	129091	96.8	98.2	98.1	98.3	98.8	99.2	97.9
2004	130663	97.2	98.3	98.1	98.3	98.8	99.6	97.9
2005	128361	97.9	98.5	98.5	98.8	98.7	100.0	98.3
2006	132243	98.6	99.2	99.1	99.0	99.2	100.0	98.9
2007	123813	99.0	99.5	99.5	99.4	99.4	100.3	99.3
2008	126307	99.3	99.7	99.6	99.6	99.5	100.3	99.7
2009	124973	99.6	99.8	99.8	99.7	99.9	100.2	99.8
2010	122250	99.8	100.1	100.0	99.9	100.1	100.0	99.8
2011	119297	100.3	100.5	100.2	100.2	100.7	99.9	99.9
2012	117540	101.0	100.7	100.5	100.7	100.9	100.0	100.1
2013	118187	101.4	100.7	100.7	101.1	100.8	100.1	100.1
2014	112035	102.0	101.0	101.1	101.7	100.9	100.6	100.2
2015	97331	102.3	101.1	101.2	102.0	101.2	100.5	100.3
2016	34334	102.4	101.3	101.3	102.3	101.4	100.5	100.4

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

Jaar	Aantal	BA	BZ	KH	BG
1980	2694	92.0	100.8	91.1	89.8
1981	3213	93.5	100.3	91.6	90.7
1982	3659	94.1	101.0	92.7	91.5
1983	5585	94.7	101.3	93.4	92.2
1984	8066	94.6	101.5	94.1	92.1
1985	11991	94.9	101.4	94.4	92.3
1986	17742	95.3	101.4	94.7	92.7
1987	26967	95.5	101.8	94.7	92.8
1988	41131	95.7	102.3	94.6	92.8
1989	56340	95.9	102.4	94.9	93.2
1990	72179	95.6	102.3	94.8	93.1
1991	81351	95.8	102.5	94.8	93.9
1992	96693	95.9	102.6	94.8	94.3
1993	109128	96.4	102.3	95.1	94.5
1994	114722	96.5	102.2	95.6	94.8
1995	135682	96.8	102.1	95.8	95.6
1996	137138	96.8	102.2	95.8	95.8
1997	136379	97.0	102.2	95.7	96.3
1998	140240	96.9	102.3	95.9	96.4
1999	140968	97.0	102.4	95.9	96.5
2000	136353	97.2	102.2	96.1	96.7
2001	135486	97.5	101.8	96.5	97.2
2002	127850	97.7	101.6	96.7	97.6
2003	129091	98.4	102.1	96.6	98.1

2004	130663	98.4	101.6	97.5	98.3
2005	128361	99.0	101.6	97.8	98.7
2006	132243	99.0	100.9	98.5	98.9
2007	123813	99.4	100.5	99.0	99.3
2008	126307	99.6	100.4	99.3	99.6
2009	124973	99.7	100.1	99.7	99.8
2010	122250	100.0	99.9	100.0	100.1
2011	119297	100.1	99.6	100.3	100.2
2012	117540	100.5	99.5	100.4	100.7
2013	118187	100.9	99.7	100.4	101.1
2014	112035	101.9	99.7	100.5	102.0
2015	97331	102.6	99.4	100.9	102.6
2016	34334	103.5	99.2	101.3	103.5

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	2694	92.8	90.9	99.8	95.3	86.8	91.5	89.9
1981	3213	92.7	91.2	100.0	95.4	86.7	91.7	90.1
1982	3659	93.6	91.6	99.8	95.6	87.7	92.2	91.2
1983	5585	93.7	91.6	100.0	95.5	88.0	92.3	91.2
1984	8066	93.5	91.4	100.1	95.0	88.6	92.2	91.2
1985	11991	93.6	91.1	100.2	95.2	89.1	92.1	91.0
1986	17742	93.6	91.2	100.2	95.2	89.7	92.4	91.2
1987	26967	93.6	91.8	100.1	94.8	90.3	93.1	91.8
1988	41131	93.7	92.2	100.1	94.3	90.5	93.3	92.1
1989	56340	94.0	92.9	100.1	94.7	90.8	93.8	92.5
1990	72179	94.2	93.3	99.8	94.8	91.0	94.4	93.2
1991	81351	94.5	93.5	100.6	95.1	92.3	94.9	93.5
1992	96693	94.6	93.8	100.9	95.1	92.9	95.5	94.1
1993	109128	94.2	93.8	100.8	95.1	93.2	95.8	94.4
1994	114722	94.4	94.5	100.9	95.1	93.5	95.9	95.1
1995	135682	94.6	94.6	101.6	95.2	94.3	96.1	95.4
1996	137138	94.9	94.9	101.4	95.3	94.5	96.5	95.8
1997	136379	95.6	94.9	101.3	95.7	95.1	96.8	96.0
1998	140240	95.7	95.2	101.2	95.7	95.1	96.7	96.2
1999	140968	96.0	95.5	101.2	95.9	95.6	97.0	96.5
2000	136353	96.0	96.2	100.9	96.1	96.0	97.3	97.1
2001	135486	96.2	96.5	101.2	96.3	96.5	97.1	97.1
2002	127850	96.6	97.2	101.1	96.6	96.6	97.2	97.2
2003	129091	97.3	97.4	100.9	97.0	97.2	97.8	97.9
2004	130663	97.7	97.7	101.1	97.5	98.0	98.5	98.5
2005	128361	98.0	98.2	101.0	97.7	98.3	98.8	99.0
2006	132243	98.5	99.0	101.1	98.2	98.6	99.1	99.3
2007	123813	98.9	99.3	100.9	98.6	99.0	99.2	99.5
2008	126307	99.3	99.7	100.6	99.0	99.4	99.6	99.9
2009	124973	99.5	99.5	100.4	99.5	99.6	99.7	99.6
2010	122250	99.9	100.0	100.0	99.9	99.8	99.9	99.9
2011	119297	100.4	100.6	99.5	100.4	100.1	99.9	100.1
2012	117540	101.0	101.0	99.5	101.3	100.7	100.1	100.3
2013	118187	101.4	101.1	99.6	101.6	101.1	100.1	100.4
2014	112035	101.8	101.5	99.9	102.2	102.1	100.6	100.8
2015	97331	102.3	101.9	100.0	102.6	102.9	101.0	101.1
2016	34334	102.7	102.3	100.2	102.9	103.4	101.1	101.1

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

Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2694	90.4	90.3	89.6	88.5	0.0	84.1
1981	3213	91.4	92.0	89.7	89.6	0.0	85.2
1982	3659	91.5	93.3	90.4	90.6	0.0	86.4
1983	5585	91.7	93.7	90.6	91.3	0.0	87.0
1984	8066	92.0	94.6	90.5	91.3	0.0	87.2
1985	11991	92.2	95.1	90.8	91.6	0.0	87.6
1986	17742	92.1	95.3	91.0	92.0	0.0	87.9
1987	26967	92.8	95.8	91.3	92.2	0.0	88.4
1988	41131	93.3	96.2	91.3	92.2	0.0	88.7
1989	56340	93.7	96.1	91.8	92.6	0.0	89.3
1990	72179	93.9	95.9	92.1	92.4	0.0	89.4
1991	81351	94.2	96.3	92.8	93.1	0.0	90.2
1992	96693	94.7	96.6	93.2	93.4	0.0	90.8
1993	109128	94.6	96.1	93.2	93.8	0.0	90.9
1994	114722	95.2	96.4	93.3	94.1	0.0	91.3
1995	135682	94.5	96.1	93.7	94.8	0.0	91.7
1996	137138	94.8	96.4	93.9	95.0	0.0	92.0
1997	136379	95.2	96.7	94.6	95.4	0.0	92.8
1998	140240	95.3	96.9	94.6	95.5	0.0	92.9
1999	140968	95.8	97.1	94.9	95.6	0.0	93.3
2000	136353	96.5	97.4	95.2	95.8	0.0	93.8
2001	135486	96.3	97.5	95.5	96.3	0.0	94.2
2002	127850	96.7	97.7	95.9	96.7	0.0	94.7
2003	129091	97.2	98.1	96.5	97.2	0.0	95.6
2004	130663	97.5	98.1	97.2	97.5	0.0	96.1
2005	128361	98.0	98.4	97.4	98.0	0.0	96.8
2006	132243	98.7	99.1	98.0	98.3	0.0	97.5
2007	123813	99.3	99.5	98.5	98.7	0.0	98.2
2008	126307	99.6	99.9	98.9	99.1	0.0	98.8
2009	124973	99.7	100.2	99.4	99.3	0.0	99.2
2010	122250	99.7	100.4	99.8	99.6	0.0	99.6
2011	119297	99.9	101.0	100.2	99.7	0.0	100.1
2012	117540	100.2	101.4	101.1	100.2	0.0	100.9
2013	118187	100.3	101.6	101.4	100.7	0.0	101.5
2014	112035	100.8	102.1	102.2	101.5	0.0	102.5
2015	97331	100.9	102.4	103.0	102.2	0.0	103.4
2016	34334	101.0	102.8	103.4	103.2	0.0	104.2

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	3627	104.8	106.5	109.7	108.3	105.4	102.8	89.6	109.2
1981	4462	104.0	106.3	109.4	107.8	104.9	102.9	91.3	108.8
1982	5260	103.9	105.8	108.5	107.1	104.4	102.4	91.0	108.0
1983	7999	103.7	105.6	108.2	106.8	104.3	101.9	91.4	107.7
1984	11895	103.8	105.6	108.1	106.8	104.4	101.9	91.2	107.7
1985	17960	104.0	105.4	108.0	106.7	104.3	101.7	90.7	107.6
1986	28015	103.8	105.1	107.7	106.3	104.1	101.2	90.9	107.2
1987	46399	104.0	105.0	107.4	106.2	104.1	102.2	91.4	107.0
1988	74404	103.9	104.3	106.8	105.5	103.7	102.1	91.5	106.4
1989	107210	103.6	103.8	106.3	105.0	103.2	101.6	92.3	105.9
1990	140061	103.3	103.6	106.0	104.8	103.2	101.5	92.7	105.7
1991	162876	102.9	103.0	105.1	104.0	102.5	101.5	93.2	104.7
1992	187249	102.5	102.8	104.6	103.6	102.2	101.7	93.8	104.3
1993	223022	102.7	102.1	104.3	103.1	102.2	101.6	94.0	103.9

1994	248276	102.4	101.8	104.0	102.7	102.0	101.4	94.6	103.5
1995	282288	102.2	101.0	103.2	101.8	101.6	101.2	94.8	102.6
1996	288089	101.7	101.0	102.8	101.6	101.3	101.1	95.1	102.4
1997	287474	101.3	100.8	102.3	101.2	100.9	100.7	95.4	101.9
1998	298985	100.8	100.7	101.7	100.8	100.4	100.6	96.0	101.4
1999	292122	101.0	100.1	101.4	100.4	100.2	100.5	96.0	101.0
2000	282126	100.5	100.0	100.9	100.0	99.8	100.1	96.6	100.5
2001	284885	100.5	99.8	100.9	99.9	99.9	100.2	97.0	100.4
2002	273313	100.3	100.1	100.8	100.1	100.0	100.3	97.4	100.5
2003	277066	100.5	99.7	100.8	99.9	100.0	100.4	97.5	100.4
2004	275508	100.1	99.6	100.5	99.6	99.8	100.3	97.9	100.0
2005	265970	99.9	99.6	100.2	99.5	99.6	100.3	98.1	99.8
2006	273382	99.3	99.8	99.7	99.4	99.1	99.5	98.6	99.5
2007	272983	99.3	99.8	99.5	99.3	99.0	99.5	99.0	99.3
2008	291451	99.3	99.9	99.5	99.4	99.1	99.6	99.3	99.4
2009	286136	99.7	100.0	99.8	99.8	99.6	99.9	99.8	99.8
2010	273039	100.0	100.1	100.0	99.9	100.0	100.1	99.9	100.0
2011	270520	100.1	100.4	100.1	100.4	100.4	99.9	100.0	100.3
2012	275309	100.1	100.9	100.3	100.8	100.7	100.1	100.3	100.6
2013	286358	100.2	101.1	100.5	101.1	101.1	100.2	100.7	100.9
2014	287422	100.1	101.4	100.4	101.4	101.3	100.3	101.3	101.0
2015	276705	100.0	101.3	100.3	101.3	101.4	100.4	101.6	100.9
2016	197242	100.4	101.3	100.6	101.5	101.8	100.5	102.0	101.1

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1315	98.3	82.7	100.3	104.5	106.9
1981	1622	98.4	87.4	99.4	103.4	106.0
1982	1880	98.5	89.9	99.2	103.0	105.3
1983	2739	98.5	92.1	99.0	103.0	105.4
1984	4073	98.7	93.7	98.9	102.7	105.1
1985	5872	98.9	95.2	98.9	102.5	105.0
1986	9141	99.1	96.2	98.6	102.2	104.7
1987	14833	99.1	96.7	98.3	101.9	104.1
1988	23575	99.0	97.0	98.1	101.4	103.6
1989	36002	99.5	97.0	97.8	100.9	103.0
1990	49932	99.4	97.0	97.7	100.7	102.7
1991	66711	99.1	96.3	97.3	99.9	101.9
1992	95923	98.9	96.7	97.3	99.7	101.7
1993	107880	98.8	97.0	97.5	99.8	101.6
1994	113645	99.1	97.5	97.4	99.5	101.3
1995	133715	99.1	97.1	97.1	99.0	100.6
1996	134408	99.3	97.0	97.4	99.3	100.3
1997	133271	99.0	97.0	97.7	99.5	100.4
1998	136590	99.0	96.8	97.5	99.0	99.9
1999	136277	99.0	97.2	97.7	99.0	99.8
2000	132753	99.1	97.7	97.9	99.1	99.7
2001	132055	99.3	98.1	97.8	98.8	99.3
2002	124715	99.5	98.2	97.9	98.7	99.0
2003	125497	99.5	98.5	98.2	99.0	99.3
2004	126759	99.1	98.1	98.5	99.2	99.5
2005	123321	99.3	98.6	98.5	98.9	99.3
2006	126019	99.6	99.1	99.0	99.4	99.7
2007	117157	99.7	99.5	99.1	99.4	99.6
2008	119183	99.9	99.8	99.4	99.5	99.8
2009	117749	99.8	99.7	99.7	99.8	99.9
2010	114971	100.0	100.0	100.0	100.0	100.0
2011	111987	100.2	100.2	100.7	100.6	100.3

2012	109848	100.2	100.2	101.2	101.0	100.6
2013	109249	100.2	100.4	101.6	101.4	100.8
2014	102528	100.0	100.5	102.4	102.1	101.3
2015	88502	99.5	100.8	103.0	102.7	101.6
2016	31045	99.3	101.0	103.5	103.0	101.9

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	2236	-195.0	-535.5	-159.6	106.6	109.2	89.6	88.5	99.6
1981	2746	-195.1	-522.7	-166.3	105.5	108.8	89.7	89.6	99.0
1982	3168	-188.1	-494.0	-178.7	104.8	108.0	90.4	90.6	99.2
1983	4818	-181.7	-474.9	-202.1	104.9	107.7	90.6	91.3	99.7
1984	7594	-186.0	-465.8	-268.9	104.6	107.7	90.5	91.3	99.6
1985	12222	-164.7	-457.2	-315.9	104.4	107.6	90.8	91.6	99.6
1986	19902	-166.5	-442.1	-354.2	104.1	107.2	91.0	92.0	99.4
1987	34232	-168.3	-422.7	-393.6	103.5	107.0	91.3	92.2	99.1
1988	61797	-170.8	-403.5	-420.6	103.0	106.4	91.3	92.2	99.2
1989	91573	-166.0	-381.9	-415.1	102.3	105.9	91.8	92.6	99.1
1990	118040	-159.6	-365.0	-397.5	102.1	105.7	92.1	92.4	99.2
1991	131405	-150.1	-327.8	-366.9	101.2	104.7	92.8	93.1	99.2
1992	152946	-141.8	-304.2	-337.8	101.0	104.3	93.2	93.4	99.3
1993	182263	-135.6	-286.5	-327.8	101.0	103.9	93.2	93.8	99.7
1994	196928	-129.4	-265.2	-311.0	100.6	103.5	93.3	94.1	99.7
1995	234530	-115.9	-230.4	-245.4	99.9	102.6	93.7	94.8	99.5
1996	237449	-105.5	-208.4	-207.5	99.9	102.4	93.9	95.0	99.4
1997	237210	-96.9	-188.0	-195.2	100.0	101.9	94.6	95.4	99.2
1998	245845	-97.0	-171.4	-201.9	99.5	101.4	94.6	95.5	99.1
1999	250314	-94.6	-157.2	-201.3	99.4	101.0	94.9	95.6	98.7
2000	241236	-85.6	-133.8	-174.8	99.4	100.5	95.2	95.8	99.0
2001	245236	-80.3	-123.7	-157.0	99.0	100.4	95.5	96.3	98.9
2002	230085	-71.3	-110.4	-131.3	98.8	100.5	95.9	96.7	99.0
2003	230180	-64.2	-101.1	-126.1	99.1	100.4	96.5	97.2	99.1
2004	232606	-53.4	-80.8	-97.6	99.3	100.0	97.2	97.5	99.2
2005	231058	-49.3	-71.0	-92.2	99.1	99.8	97.4	98.0	99.4
2006	247051	-39.2	-52.2	-73.8	99.5	99.5	98.0	98.3	99.6
2007	237065	-31.3	-36.9	-49.4	99.5	99.3	98.5	98.7	99.3
2008	247177	-23.7	-28.3	-34.5	99.6	99.4	98.9	99.1	99.5
2009	241020	-10.8	-15.5	-4.0	99.9	99.8	99.4	99.3	99.7
2010	236247	-0.5	0.2	12.6	100.0	100.0	99.8	99.6	99.8
2011	236653	14.6	16.6	50.6	100.5	100.3	100.2	99.7	100.0
2012	239670	28.2	26.0	80.6	100.9	100.6	101.1	100.2	100.3
2013	251833	42.0	38.9	116.6	101.2	100.9	101.4	100.7	100.7
2014	247730	63.0	59.2	165.5	101.8	101.0	102.2	101.5	101.2
2015	223521	81.2	83.6	209.1	102.3	100.9	103.0	102.2	101.4
2016	122961	102.1	109.3	259.3	102.6	101.1	103.4	103.2	102.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	90	95.7	96.5	98.1	96.3	97.0	98.8	99.9
1981	189	96.3	97.5	98.3	96.4	97.9	98.6	99.4
1982	242	96.3	97.5	98.3	96.5	97.7	98.7	99.0
1983	271	97.3	97.3	99.0	98.1	97.8	99.3	99.0

1984	343	96.8	96.3	98.9	98.2	97.2	99.3	99.4
1985	534	97.6	97.0	99.2	98.5	98.1	100.3	99.5
1986	1291	97.5	96.7	99.4	98.5	97.9	100.6	99.2
1987	2718	97.2	96.4	99.3	98.1	98.0	100.2	99.5
1988	5423	97.8	96.2	100.0	99.0	97.5	100.3	99.4
1989	10523	98.5	96.5	100.6	100.0	97.5	100.9	99.3
1990	17426	98.7	96.5	100.8	100.3	97.3	100.9	99.3
1991	21772	99.4	97.0	101.2	100.7	97.9	100.8	100.0
1992	27759	99.4	97.1	101.2	100.7	97.7	100.9	100.0
1993	36338	98.6	96.8	100.6	99.9	97.4	100.6	99.8
1994	42345	98.5	96.9	101.0	99.4	97.5	100.5	99.1
1995	82967	98.8	98.0	100.7	99.2	98.2	99.8	99.1
1996	68754	99.1	98.4	100.9	99.4	98.4	99.8	99.2
1997	94938	99.0	98.6	100.8	99.3	98.0	99.6	98.9
1998	113023	99.0	98.3	101.0	99.6	97.8	99.5	98.6
1999	118385	98.9	98.3	100.8	99.5	97.5	99.6	98.5
2000	118694	98.9	98.6	100.8	99.1	97.8	99.5	98.5
2001	120156	98.9	98.9	100.7	99.1	97.9	99.7	98.5
2002	119140	99.1	99.1	100.7	99.2	98.0	99.8	98.4
2003	125924	99.0	99.0	100.5	99.4	97.9	99.5	98.5
2004	128409	99.0	98.7	100.6	99.6	98.0	99.4	98.4
2005	123649	99.2	98.5	100.8	99.8	98.2	99.7	98.5
2006	129110	99.5	99.2	100.6	99.9	98.6	100.0	98.6
2007	122368	99.7	99.6	100.3	100.0	99.1	100.0	99.1
2008	125053	99.8	99.8	100.1	100.0	99.3	100.0	99.3
2009	124810	100.0	100.0	100.2	100.1	99.7	100.0	99.9
2010	121891	100.1	100.1	100.0	100.1	100.1	100.0	100.1
2011	118939	100.6	100.6	100.1	100.6	100.6	99.9	100.6
2012	116353	101.1	100.9	100.3	100.9	101.0	100.0	101.0
2013	117942	101.2	100.8	100.5	101.0	101.0	100.2	100.9
2014	112607	101.7	101.2	100.8	101.3	101.4	100.7	101.3
2015	96723	102.1	101.6	100.9	101.5	101.8	101.0	101.6
2016	35909	102.4	101.9	100.9	101.7	102.2	101.1	101.7

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1145	98.5	100.6	98.5	100.6	96.9	99.4
1981	1495	98.3	100.7	98.3	100.7	97.6	99.9
1982	1956	97.8	101.2	97.8	101.2	96.4	99.9
1983	3163	98.0	101.3	98.0	101.3	96.8	100.7
1984	5074	98.1	101.2	98.1	101.2	97.1	100.0
1985	8042	97.9	101.2	97.9	101.2	96.9	100.4
1986	13140	97.8	101.0	97.8	101.0	96.9	100.2
1987	22618	97.5	100.9	97.5	100.9	96.9	100.3
1988	38430	97.4	101.0	97.4	101.0	96.9	100.4
1989	60209	97.6	100.8	97.6	100.8	97.2	100.3
1990	90632	97.8	100.8	97.8	100.8	97.4	100.3
1991	121263	98.0	100.8	98.0	100.8	97.7	100.3
1992	149763	98.0	100.8	98.0	100.8	97.6	100.4
1993	215995	98.7	100.8	98.7	100.8	98.1	100.7
1994	250365	99.1	100.6	99.1	100.6	98.3	100.5
1995	315391	99.4	100.3	99.4	100.3	98.5	100.1
1996	325629	99.4	100.2	99.4	100.2	98.5	100.1
1997	334297	99.2	100.0	99.2	100.0	98.0	99.9
1998	349491	99.4	99.7	99.4	99.7	98.4	99.5
1999	353202	99.1	99.5	99.1	99.5	98.0	99.4
2000	346031	99.2	99.8	99.2	99.8	98.1	99.7
2001	339503	99.3	99.5	99.3	99.5	98.3	99.8

2002	332565	99.8	99.3	99.8	99.3	99.1	99.9
2003	331911	99.7	99.5	99.7	99.5	99.1	99.8
2004	327943	99.9	99.4	99.9	99.4	99.3	99.8
2005	306927	100.0	99.5	100.0	99.5	99.2	100.0
2006	305160	100.2	99.6	100.2	99.6	99.5	99.8
2007	302604	100.0	99.3	100.0	99.3	99.5	99.8
2008	327943	99.8	99.7	99.8	99.7	99.7	99.8
2009	329181	99.9	99.9	99.9	99.9	100.0	100.1
2010	313401	100.0	99.9	100.0	99.9	100.4	99.9
2011	302833	100.2	99.9	100.2	99.9	100.9	99.9
2012	307617	100.4	100.0	100.4	100.0	101.3	100.0
2013	319678	100.5	100.3	100.5	100.3	101.5	100.3
2014	328982	101.1	100.5	101.1	100.5	102.0	100.7
2015	334821	101.2	100.7	101.2	100.7	102.0	100.8
2016	322884	101.5	101.1	101.5	101.1	102.2	101.2
2017	274164	101.7	101.5	101.7	101.5	102.5	101.4
2018	209129	101.8	101.8	101.8	101.8	102.7	101.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1379	99.4	105.0	97.4	83.7	80.8	79.4
1981	1732	98.1	104.4	99.2	78.4	86.9	86.3
1982	2014	96.0	104.0	102.4	86.1	91.1	89.1
1983	3456	99.4	102.7	99.1	90.1	94.6	92.0
1984	5206	97.8	104.0	101.2	91.0	96.2	94.6
1985	7591	98.4	103.9	101.0	93.5	98.9	97.1
1986	12218	98.3	103.9	100.9	94.7	100.3	98.5
1987	19516	98.6	103.5	100.5	95.6	101.0	99.2
1988	31507	98.6	103.4	100.4	96.0	101.1	99.6
1989	44506	98.7	102.9	100.4	95.9	101.0	99.3
1990	59363	98.9	102.4	100.3	96.0	101.0	99.2
1991	74107	98.8	101.9	100.4	96.1	100.7	99.3
1992	87859	98.7	101.7	100.5	96.3	100.8	99.6
1993	99144	98.9	101.8	100.4	96.4	100.9	99.7
1994	111015	98.6	102.4	100.8	96.8	100.5	99.5
1995	131364	98.4	102.1	101.2	96.6	100.3	99.3
1996	134408	98.5	101.9	101.1	96.4	100.2	99.2
1997	130935	98.7	101.8	101.0	96.6	99.9	98.9
1998	135923	98.7	101.9	101.1	96.4	99.9	99.1
1999	138731	98.3	101.7	101.6	96.6	100.0	99.2
2000	138079	98.3	102.0	101.6	97.1	100.0	99.3
2001	140073	98.2	102.0	101.8	97.1	100.0	99.2
2002	134361	98.6	101.8	101.4	96.9	99.9	99.2
2003	140276	98.8	101.7	101.1	97.3	99.8	99.2
2004	146282	98.6	101.8	101.3	97.6	99.6	99.6
2005	150661	98.6	101.7	101.4	98.3	99.7	99.6
2006	160020	98.9	101.3	101.0	98.6	99.8	99.8
2007	177930	99.0	101.1	100.9	98.9	100.0	99.8
2008	195718	98.9	101.0	101.0	99.2	100.1	99.9
2009	205562	98.9	100.9	101.0	99.6	100.0	99.9
2010	198529	99.1	100.8	100.9	99.7	100.2	100.0
2011	196581	99.6	100.4	100.4	100.2	100.3	99.8
2012	197335	100.0	100.4	100.1	100.6	100.7	99.8
2013	201835	100.2	100.2	99.9	101.0	101.0	99.9
2014	211522	100.4	100.0	99.8	101.3	101.1	100.0
2015	204872	100.5	100.0	99.7	101.5	101.4	100.0
2016	168816	100.7	99.9	99.6	101.8	101.5	99.9
2017	120870	100.8	99.8	99.5	102.1	101.9	99.9

2018 92371 101.2 99.5 99.1 102.3 102.2 99.8

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	1434	104.1	110.5	94.3	101.1	107.4	97.1	103.3	99.7	107.4	99.0	98.8
1981	1850	104.0	109.4	94.9	101.3	107.8	97.2	104.1	97.9	106.2	98.0	98.4
1982	2212	104.2	108.2	95.6	100.7	106.6	96.7	104.0	99.1	105.8	97.8	100.7
1983	3413	104.0	109.1	95.1	101.2	106.8	96.2	103.7	98.6	106.4	98.7	101.8
1984	5279	103.9	108.9	95.4	101.1	106.5	96.9	103.8	98.4	106.8	97.5	101.6
1985	8019	103.6	109.1	95.4	101.1	106.4	97.2	103.3	98.2	107.0	98.3	102.9
1986	12772	103.5	108.6	95.8	100.9	106.2	97.3	103.3	98.2	106.6	98.3	102.4
1987	21038	103.5	108.2	96.6	100.5	106.4	97.4	103.2	98.4	106.4	98.6	102.1
1988	35151	103.2	107.4	97.0	100.2	106.0	97.5	102.8	98.5	106.1	98.4	101.9
1989	53952	103.0	106.7	97.4	100.0	105.6	97.4	102.8	98.4	105.6	98.3	101.6
1990	79820	102.9	106.0	97.5	99.6	105.6	97.1	102.7	98.5	105.2	98.3	101.0
1991	101816	102.7	105.5	98.4	100.0	104.7	97.9	102.6	98.7	104.6	98.8	101.4
1992	134871	102.5	105.0	98.7	100.0	104.1	98.2	102.4	98.8	104.2	99.1	101.5
1993	165126	102.3	104.6	99.1	99.8	103.8	98.5	102.2	99.1	104.2	99.1	101.4
1994	184143	102.2	103.8	99.3	99.3	103.6	98.4	101.9	99.4	103.8	99.0	101.1
1995	223664	101.7	103.5	99.3	99.2	103.0	98.8	101.3	99.6	103.6	99.0	100.9
1996	241056	101.4	103.0	99.4	99.1	102.8	98.6	101.2	99.4	103.2	98.9	100.6
1997	260010	101.4	102.6	99.8	99.0	102.6	98.6	101.1	99.6	102.9	99.2	100.4
1998	258912	101.5	102.3	100.1	99.1	102.5	98.6	101.1	100.0	102.9	99.1	100.5
1999	276351	101.3	102.1	100.3	99.2	102.1	98.8	100.9	100.1	102.6	99.3	100.5
2000	256485	101.1	101.8	100.2	99.2	101.7	99.3	100.6	100.2	102.3	99.4	100.6
2001	257199	100.8	101.8	100.1	99.3	101.4	99.6	100.3	100.3	102.1	99.5	100.6
2002	259507	100.6	101.4	100.3	99.1	101.4	99.7	100.1	100.3	101.9	99.4	100.5
2003	253572	100.5	100.9	100.4	99.1	101.0	99.7	100.1	100.3	101.5	99.6	100.3
2004	254242	100.7	100.8	100.4	99.1	101.1	99.6	100.3	100.3	101.5	99.5	100.4
2005	240358	100.5	100.5	100.6	99.2	100.7	100.1	100.2	100.4	101.2	99.9	100.2
2006	245065	100.3	100.5	100.4	99.6	100.5	100.2	100.0	100.3	101.0	99.9	100.2
2007	224494	100.1	100.3	100.4	99.7	100.2	100.3	99.9	100.3	100.7	100.0	100.2
2008	223592	100.1	100.2	100.4	99.8	100.1	100.3	99.8	100.2	100.7	100.0	100.2
2009	215139	99.9	100.3	100.2	99.9	99.8	100.4	99.8	100.1	100.5	100.1	100.1
2010	189340	100.1	100.3	99.8	99.9	100.0	100.0	100.1	100.1	100.6	99.8	100.2
2011	160134	100.3	100.4	99.5	100.1	100.2	99.5	100.5	99.8	100.5	99.4	100.3
2012	131697	100.4	100.2	99.6	100.1	100.2	99.3	100.7	99.5	100.3	99.6	100.1
2013	123876	100.1	99.9	99.8	99.9	99.9	99.4	100.6	99.3	100.1	99.7	100.0
2014	112066	100.1	99.7	100.1	99.9	99.8	99.4	100.9	98.7	99.7	99.9	100.1
2015	94886	100.1	99.7	100.2	99.9	99.9	99.3	101.0	98.6	99.7	100.0	100.1
2016	33312	100.1	99.7	100.2	99.8	99.8	99.3	100.9	98.6	99.7	99.9	100.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1175	97.8	99.2	98.5
1981	1523	98.8	100.0	99.1
1982	1981	98.4	99.8	98.3
1983	3196	98.9	100.1	98.5
1984	5169	98.6	99.9	98.2
1985	8237	98.5	99.9	98.0
1986	13392	98.2	99.7	98.0
1987	23099	98.4	99.8	98.2

1988	39484	98.5	99.9	98.3
1989	61973	98.3	99.7	98.2
1990	93280	98.4	99.8	98.5
1991	121444	98.6	100.1	98.3
1992	147453	98.8	100.3	98.3
1993	226147	99.1	100.7	98.5
1994	302550	99.2	100.6	98.8
1995	339535	99.6	100.8	99.0
1996	349912	99.8	100.8	99.0
1997	361487	100.0	100.8	99.3
1998	376156	100.0	100.7	99.5
1999	375059	100.0	100.6	99.5
2000	365608	100.1	100.6	99.6
2001	357677	100.1	100.5	99.8
2002	352263	100.1	100.4	99.9
2003	351615	100.2	100.4	99.9
2004	346046	100.6	100.8	100.1
2005	322396	100.5	100.6	100.2
2006	319391	100.1	100.1	100.1
2007	317341	100.0	99.9	100.1
2008	344830	99.9	99.9	99.9
2009	346070	100.0	100.0	100.0
2010	328663	100.1	100.1	99.9
2011	317565	100.2	100.3	100.0
2012	322866	100.2	100.3	100.0
2013	335054	100.4	100.5	100.0
2014	345625	100.3	100.4	99.8
2015	357404	100.3	100.2	99.8
2016	350547	100.6	100.3	99.9
2017	306041	100.6	100.3	99.8
2018	225980	100.4	100.0	99.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	245575	-1573.8	-7211.3	-239.2	-237.3
2002	230490	-1373.0	-6211.3	-210.2	-206.5
2003	230496	-1307.1	-5995.1	-195.5	-198.7
2004	233087	-1071.9	-5068.7	-157.9	-163.7
2005	231736	-1007.6	-4792.2	-149.3	-153.4
2006	247734	-830.4	-4008.6	-125.2	-125.0
2007	237780	-625.2	-3120.7	-94.2	-93.8
2008	248162	-497.3	-2581.6	-74.1	-74.7
2009	242407	-252.2	-1592.3	-33.3	-39.2
2010	238349	-86.5	-984.6	-4.1	-15.7
2011	239113	225.1	238.6	49.8	28.6
2012	242589	462.7	1164.8	88.8	63.5
2013	255309	757.8	2301.6	140.0	105.4
2014	252142	1170.7	4007.0	211.4	163.9
2015	230987	1565.2	5563.0	280.9	219.2
2016	142790	2040.4	7368.7	363.9	286.6
2017	43527	3076.0	11320.9	537.9	436.8
2018	34091	3580.8	13126.1	620.1	511.8

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

Jaar	Aantal	Eff	Int	Gewen
1980	248	97.6	97.5	102.2
1981	387	98.7	96.9	101.9
1982	437	99.4	96.9	102.0
1983	487	98.7	97.2	102.1
1984	669	98.1	96.2	102.2
1985	795	98.5	96.0	102.1
1986	1349	98.6	96.2	102.0
1987	2211	98.5	95.0	102.1
1988	3461	98.4	95.0	102.2
1989	4994	98.8	95.1	102.4
1990	6997	98.6	95.2	102.6
1991	8488	98.9	95.7	101.4
1992	10551	98.9	95.8	101.2
1993	12762	98.9	95.9	101.3
1994	13964	99.0	95.6	101.6
1995	17962	99.3	96.2	100.8
1996	19784	99.6	96.6	101.1
1997	21478	99.4	96.5	101.0
1998	23548	99.5	96.7	100.9
1999	24655	99.6	96.6	101.0
2000	26355	99.9	97.1	100.9
2001	29268	100.1	97.1	100.7
2002	30355	100.3	97.4	100.1
2003	33675	100.3	97.2	100.4
2004	37891	99.9	97.7	100.4
2005	39238	99.9	97.8	100.7
2006	44553	100.1	98.5	100.5
2007	46990	100.1	99.0	100.4
2008	53780	100.1	99.2	100.4
2009	62722	99.9	99.5	100.3
2010	68968	99.9	100.1	100.1
2011	70383	99.8	101.1	99.8
2012	71193	99.6	101.9	99.9
2013	75780	99.5	102.9	100.1
2014	75266	99.1	104.0	100.2
2015	69440	98.5	104.5	100.1
2016	44451	98.1	104.6	100.0
2017	24	96.5	105.6	99.4

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	2259	97.5	101.4	68	-4.2	0	0.0
1981	2781	96.7	101.5	101	-3.6	0	0.0
1982	3196	97.1	101.7	140	-3.6	0	0.0
1983	4843	97.0	101.6	118	-3.2	0	0.0
1984	7616	96.7	101.2	105	-3.4	0	0.0
1985	12240	96.4	101.3	15012	-4.6	0	0.0
1986	19913	96.5	101.5	23110	-4.4	0	0.0
1987	34256	96.9	101.2	37306	-4.0	0	0.0
1988	61813	97.1	100.9	63151	-3.7	0	0.0
1989	91585	97.4	100.7	92006	-3.5	0	0.0
1990	118052	97.6	100.5	118499	-3.4	0	0.0
1991	131410	97.8	101.0	132930	-3.0	0	0.0
1992	152955	97.7	100.8	154882	-2.8	0	0.0
1993	182273	97.8	100.5	182357	-2.7	0	0.0

1994	196937	98.1	100.0	196818	-2.5	0	0.0
1995	234542	98.3	100.3	234378	-2.3	0	0.0
1996	237470	98.8	100.4	237242	-2.2	0	0.0
1997	237232	98.8	100.1	236881	-2.0	0	0.0
1998	245874	98.9	99.8	245465	-1.8	0	0.0
1999	250344	98.7	99.6	250024	-1.7	0	0.0
2000	241289	99.0	99.4	240811	-1.5	0	0.0
2001	245297	98.9	99.2	244785	-1.4	135480	96.0
2002	230164	99.2	99.1	229777	-1.3	127839	96.1
2003	230260	99.2	99.0	229931	-1.2	129080	96.5
2004	232652	99.4	99.2	232503	-1.0	130649	96.8
2005	231096	99.5	99.2	230934	-0.9	128354	97.2
2006	247100	99.8	99.4	246937	-0.6	132233	98.3
2007	237106	100.2	99.6	236968	-0.4	123802	98.8
2008	247238	100.4	99.6	247185	-0.3	126283	99.3
2009	241090	100.5	100.1	241260	-0.2	124960	99.6
2010	236314	100.7	100.1	236821	0.0	122230	100.0
2011	236691	101.0	100.6	237463	0.2	119289	100.7
2012	239702	101.3	100.9	241023	0.3	117535	101.2
2013	251852	101.6	101.1	253603	0.5	118174	101.4
2014	247730	102.0	101.3	250786	0.7	112030	101.8
2015	223523	102.4	101.3	229801	0.9	97326	102.1
2016	122961	102.6	101.3	141020	1.2	34332	102.4
2017	6	103.2	99.3	43569	1.4	5	101.0
2018	0	0.0	0.0	35578	1.7	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	-1989.2	-72.5	-77.8	-95.1	27.6	-9.8	-7.2	-499.8
1981	55	-1909.8	-73.0	-77.0	-90.5	20.7	-13.0	-5.8	-496.3
1982	85	-1856.3	-69.2	-74.2	-85.8	22.8	-11.6	-2.1	-475.3
1983	112	-1839.0	-71.4	-75.5	-85.5	18.7	-14.3	-2.6	-485.2
1984	251	-1754.9	-66.1	-73.3	-80.8	20.9	-15.2	-1.3	-463.6
1985	404	-1855.7	-68.8	-74.4	-84.8	23.9	-11.4	-0.5	-474.7
1986	685	-1726.2	-64.2	-70.2	-78.8	21.7	-12.0	-0.3	-446.6
1987	1198	-1674.8	-62.4	-68.5	-76.5	20.6	-12.1	-0.4	-435.1
1988	2400	-1654.3	-59.7	-66.8	-75.6	23.7	-10.3	-0.5	-421.9
1989	3573	-1589.2	-57.5	-64.3	-72.7	22.9	-9.8	-0.5	-406.0
1990	4822	-1578.4	-58.2	-63.6	-72.2	21.0	-9.4	-0.5	-404.7
1991	6453	-1477.5	-55.8	-60.0	-67.5	17.4	-9.4	-0.4	-383.4
1992	8426	-1443.0	-56.1	-58.8	-65.9	14.5	-9.5	-0.4	-378.7
1993	9969	-1352.3	-55.7	-56.2	-61.8	8.6	-10.4	-0.3	-366.3
1994	12170	-1265.1	-45.1	-50.6	-57.8	18.2	-6.6	-0.3	-319.4
1995	13601	-1237.9	-43.0	-49.3	-56.5	19.5	-6.1	-0.3	-309.2
1996	15354	-1110.2	-38.6	-44.9	-50.7	17.3	-6.3	-0.3	-280.3
1997	16763	-1029.0	-35.9	-41.9	-47.0	15.8	-6.2	-0.3	-261.3
1998	23175	-988.3	-30.9	-38.2	-45.1	20.0	-3.1	-0.2	-235.4
1999	26198	-908.3	-27.5	-35.5	-41.5	19.5	-3.3	-0.2	-215.9
2000	32070	-732.9	-24.9	-30.9	-33.6	12.1	-5.4	-0.4	-189.1
2001	36312	-638.1	-22.6	-26.9	-30.4	9.4	-4.6	-1.7	-167.0
2002	37111	-503.6	-17.3	-23.0	-24.8	8.3	-5.8	-2.3	-138.2
2003	38828	-443.6	-14.1	-20.1	-22.8	8.8	-4.8	-3.3	-118.9
2004	40611	-350.2	-8.4	-16.1	-18.3	10.6	-3.9	-3.0	-89.4
2005	43417	-268.2	-5.4	-12.5	-14.6	9.9	-2.9	-3.1	-66.9
2006	45867	-191.4	-5.6	-10.0	-10.4	5.2	-3.2	-2.2	-55.9
2007	45816	-126.3	-2.9	-7.5	-7.6	4.8	-3.0	-2.4	-39.3
2008	49830	-70.8	-1.9	-4.7	-4.8	3.0	-1.9	-1.9	-24.6
2009	50283	-68.2	-4.0	-4.5	-3.5	0.1	-1.8	-0.5	-27.8

2010	50911	16.5	-0.1	-0.6	0.1	0.2	-0.8	-0.8	-2.5
2011	51240	94.9	3.8	2.5	3.8	0.6	-0.5	-0.6	19.3
2012	52606	148.1	6.1	4.6	6.5	0.5	-0.2	-0.3	33.6
2013	54372	180.8	7.2	6.6	7.7	0.0	0.8	-0.7	44.6
2014	52826	242.7	9.3	9.2	10.5	-0.7	1.2	-0.7	60.3
2015	45894	299.2	11.1	11.8	13.5	-1.6	1.9	-0.2	75.7
2016	23678	390.7	14.3	14.4	17.9	-2.7	0.9	0.1	94.5

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	89.2	96.1	90.1	89.9	100.5	96.7	95.0
1981	60	90.0	95.9	90.0	90.6	100.3	96.8	96.2
1982	86	90.3	96.5	91.4	91.7	99.9	95.8	96.0
1983	111	91.2	96.3	91.7	92.3	99.7	96.0	95.5
1984	233	91.0	96.0	92.5	92.9	99.4	95.1	95.4
1985	342	90.9	96.3	92.1	92.8	100.0	95.1	95.5
1986	590	91.2	96.0	92.6	93.3	99.9	95.0	95.4
1987	915	91.1	96.5	92.9	93.5	100.3	95.3	95.9
1988	1517	91.1	96.4	93.1	93.5	100.4	95.4	96.0
1989	1981	91.4	96.7	93.3	93.7	100.3	95.5	96.2
1990	2694	91.4	96.7	93.4	93.7	100.5	95.6	96.3
1991	3773	92.3	96.6	93.7	94.4	100.0	95.6	97.0
1992	4955	92.3	96.5	93.4	94.1	100.2	95.7	97.2
1993	5339	92.9	96.5	93.5	94.5	99.8	95.7	97.2
1994	6702	93.2	98.7	95.9	95.6	101.0	96.4	98.8
1995	7396	93.5	98.8	96.4	96.2	100.4	96.4	98.7
1996	8611	93.8	98.8	96.9	96.5	100.3	96.6	99.4
1997	10050	94.3	99.3	97.5	97.1	100.7	97.1	99.2
1998	13951	94.6	99.8	97.9	97.2	100.7	97.2	98.9
1999	16056	95.0	99.7	97.7	97.2	100.7	97.0	98.9
2000	19967	95.8	99.2	97.3	97.0	100.4	97.6	99.0
2001	21967	96.2	99.6	97.7	97.5	100.4	98.0	98.8
2002	22720	97.0	99.9	98.4	98.4	100.1	97.8	99.0
2003	23735	97.6	100.3	99.0	99.0	100.1	98.4	98.9
2004	25271	97.8	100.6	99.4	99.4	99.9	98.7	99.3
2005	26971	98.1	100.4	99.4	99.4	99.4	99.0	99.5
2006	27763	98.4	100.6	99.4	99.5	99.6	99.2	99.6
2007	27567	98.7	100.6	99.8	100.0	99.5	99.6	99.5
2008	29544	99.2	100.3	99.6	99.9	99.5	99.5	99.6
2009	30183	100.2	100.7	99.9	99.9	100.0	99.8	99.8
2010	30546	100.4	100.4	99.9	100.0	99.6	99.6	100.0
2011	29906	100.6	100.4	100.2	100.3	99.5	99.7	100.1
2012	29750	100.5	100.4	100.1	100.3	99.6	99.8	100.1
2013	29028	100.7	100.4	100.2	100.5	99.6	99.7	100.2
2014	26717	101.1	100.5	100.5	101.0	99.5	99.7	100.3
2015	22797	101.8	100.5	100.8	101.2	99.6	100.0	100.5
2016	7412	102.1	100.6	101.0	101.5	99.7	100.4	100.7

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

Jaar	Aantal	BA	BZ	KH	BG
1980	36	91.6	100.8	91.2	89.3

1981	60	92.5	100.2	92.0	89.3
1982	86	93.3	100.7	92.7	90.4
1983	111	93.5	100.8	92.7	90.7
1984	233	93.2	101.0	93.4	90.1
1985	342	93.3	100.9	93.2	90.4
1986	590	93.3	101.6	93.6	90.5
1987	915	93.8	101.8	93.8	91.1
1988	1517	94.4	101.4	94.2	91.6
1989	1981	94.6	101.8	94.3	91.9
1990	2694	94.8	101.8	94.3	91.9
1991	3773	94.8	102.3	94.4	91.9
1992	4955	95.0	102.2	94.5	92.2
1993	5339	95.1	102.8	94.0	92.3
1994	6702	93.8	102.7	93.3	91.8
1995	7396	94.1	102.9	93.6	92.3
1996	8611	95.1	103.4	93.7	93.1
1997	10050	96.0	103.9	93.5	94.1
1998	13951	95.9	104.2	93.4	94.2
1999	16056	96.5	103.6	93.8	94.7
2000	19967	97.3	103.2	95.1	95.7
2001	21967	97.2	103.1	95.6	95.7
2002	22720	97.5	102.7	96.3	95.9
2003	23735	97.6	102.5	96.6	96.3
2004	25271	97.9	102.8	96.5	96.9
2005	26971	98.1	102.7	96.2	97.4
2006	27763	98.8	102.0	96.9	98.1
2007	27567	98.8	101.5	97.3	98.3
2008	29544	98.7	101.1	97.9	98.2
2009	30183	99.4	100.7	98.9	99.1
2010	30546	100.2	100.2	99.6	99.9
2011	29906	101.1	100.4	99.8	100.9
2012	29750	101.4	100.4	100.0	101.4
2013	29028	101.8	100.3	100.3	101.8
2014	26717	102.1	100.1	100.6	102.3
2015	22797	102.4	100.0	100.8	102.6
2016	7412	102.5	100.2	100.6	102.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	36	94.5	90.6	102.1	96.5	89.0	93.2	91.7
1981	60	93.9	90.8	100.5	96.6	88.6	92.4	91.3
1982	86	94.1	91.2	100.7	96.0	88.7	92.5	92.1
1983	111	94.6	90.5	101.1	96.0	89.7	92.9	91.9
1984	233	94.9	91.2	101.2	96.3	90.8	93.5	92.7
1985	342	95.5	91.3	101.1	97.0	90.8	93.9	92.6
1986	590	95.9	91.7	101.1	97.0	91.8	94.1	93.3
1987	915	95.3	91.7	101.3	96.2	91.9	94.0	93.3
1988	1517	95.3	91.8	101.6	96.1	92.5	93.9	93.3
1989	1981	95.2	92.0	101.8	96.1	92.6	93.7	93.3
1990	2694	95.3	92.2	101.8	96.0	92.7	93.9	93.5
1991	3773	95.6	92.0	101.9	96.3	93.1	93.7	93.5
1992	4955	95.7	92.3	101.7	96.5	93.1	93.9	93.8
1993	5339	95.7	92.5	101.7	96.7	93.6	94.4	94.0
1994	6702	95.4	93.8	101.1	95.2	92.2	95.0	95.1
1995	7396	95.6	93.9	101.4	95.2	92.7	95.1	95.0
1996	8611	95.4	94.1	101.2	95.1	93.0	95.2	95.2
1997	10050	95.9	94.4	100.7	95.3	93.6	95.7	95.1
1998	13951	95.6	95.0	100.7	95.0	94.0	96.0	95.8

1999	16056	95.8	95.6	100.6	95.6	95.2	97.1	96.7
2000	19967	96.7	96.3	100.9	96.6	95.8	98.1	97.7
2001	21967	96.9	96.1	100.8	96.6	95.9	97.4	97.2
2002	22720	97.4	96.5	100.6	96.9	96.5	97.7	97.5
2003	23735	98.0	96.9	100.3	97.6	97.1	97.9	97.7
2004	25271	98.1	97.5	100.5	97.3	97.4	98.4	98.5
2005	26971	98.1	97.7	101.1	97.5	97.9	98.7	98.8
2006	27763	98.8	98.1	101.0	98.1	98.2	98.6	98.9
2007	27567	99.1	98.6	100.7	98.4	98.8	99.0	99.3
2008	29544	99.3	98.9	100.4	98.9	99.1	99.2	99.6
2009	30183	99.9	99.2	100.2	100.0	99.5	99.6	100.0
2010	30546	100.3	99.6	100.1	100.4	100.1	99.8	100.3
2011	29906	100.8	100.0	100.0	100.6	100.6	100.3	100.9
2012	29750	101.3	100.0	100.3	100.9	101.0	100.5	101.1
2013	29028	102.0	100.4	100.5	101.5	101.3	100.8	101.5
2014	26717	102.5	100.5	100.8	102.1	101.9	100.9	101.5
2015	22797	103.2	101.0	100.6	103.0	102.5	101.3	101.8
2016	7412	103.6	101.2	100.6	103.4	102.8	101.5	101.8

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	36	91.0	90.9	91.8	88.0	0.0	85.2
1981	60	91.6	91.3	91.2	88.4	0.0	85.5
1982	86	91.5	92.3	91.1	89.4	0.0	86.0
1983	111	91.5	92.5	91.7	89.8	0.0	86.5
1984	233	91.1	92.9	92.5	89.2	0.0	86.6
1985	342	91.1	93.2	93.0	89.3	0.0	86.9
1986	590	91.1	93.5	93.5	89.4	0.0	87.3
1987	915	91.8	94.2	92.9	90.2	0.0	87.7
1988	1517	92.0	94.4	93.1	90.8	0.0	88.3
1989	1981	92.3	94.6	93.1	91.1	0.0	88.5
1990	2694	92.4	94.7	93.2	91.2	0.0	88.6
1991	3773	92.9	95.0	93.6	91.2	0.0	89.0
1992	4955	92.9	94.9	93.7	91.4	0.0	89.2
1993	5339	92.9	94.9	94.0	91.4	0.0	89.4
1994	6702	95.7	97.5	92.9	90.8	0.0	89.7
1995	7396	95.8	97.6	93.2	91.2	0.0	90.1
1996	8611	96.4	98.1	93.2	92.1	0.0	90.9
1997	10050	96.9	98.7	93.9	93.0	0.0	91.9
1998	13951	97.1	98.8	93.8	93.0	0.0	91.9
1999	16056	96.9	98.8	94.6	93.6	0.0	92.7
2000	19967	97.0	98.5	95.7	94.9	0.0	93.9
2001	21967	97.3	98.7	95.7	94.9	0.0	94.0
2002	22720	97.6	99.2	96.2	95.3	0.0	94.6
2003	23735	98.2	99.7	97.0	95.7	0.0	95.6
2004	25271	98.7	99.9	97.0	96.1	0.0	96.0
2005	26971	99.0	99.6	97.2	96.6	0.0	96.4
2006	27763	99.2	99.8	97.8	97.4	0.0	97.2
2007	27567	99.5	100.1	98.4	97.6	0.0	97.7
2008	29544	99.3	100.0	98.7	97.6	0.0	97.9
2009	30183	99.7	100.3	99.5	98.7	0.0	99.0
2010	30546	99.7	100.2	100.0	99.5	0.0	99.7
2011	29906	99.8	100.4	100.5	100.5	0.0	100.6
2012	29750	99.9	100.5	100.9	101.0	0.0	101.1
2013	29028	99.9	100.6	101.5	101.5	0.0	101.6
2014	26717	100.1	100.9	102.2	102.0	0.0	102.4
2015	22797	100.5	101.1	103.1	102.3	0.0	103.2
2016	7412	100.9	101.4	103.5	102.5	0.0	103.6

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	42	102.3	107.2	108.6	107.6	104.3	101.9	89.6	108.4
1981	72	102.7	106.9	109.0	107.4	104.8	102.3	90.8	108.4
1982	114	102.6	106.6	108.4	107.0	104.1	101.9	90.2	108.0
1983	149	102.1	105.9	107.4	106.1	103.6	101.3	91.6	107.0
1984	322	101.7	105.5	106.6	105.4	103.0	100.9	91.2	106.3
1985	505	102.6	105.9	107.6	106.3	104.2	102.1	90.7	107.2
1986	900	102.2	105.5	107.0	105.8	103.7	101.6	91.4	106.7
1987	1537	102.5	105.5	106.9	105.9	103.8	101.7	91.2	106.7
1988	2786	102.6	105.2	106.6	105.5	103.6	101.7	91.0	106.3
1989	4083	102.4	105.0	106.4	105.2	103.4	101.6	91.0	106.0
1990	5525	102.1	105.0	106.1	105.0	103.1	101.7	91.2	105.8
1991	7556	102.4	104.3	105.9	104.6	103.1	101.8	92.4	105.5
1992	9914	102.3	104.4	105.8	104.6	103.1	101.7	92.5	105.4
1993	11310	102.8	103.8	105.6	104.2	103.2	101.7	92.7	105.2
1994	14295	102.1	103.4	104.8	103.6	102.5	101.5	93.4	104.5
1995	15753	101.8	103.3	104.4	103.2	102.0	101.1	93.6	104.0
1996	17966	101.3	102.5	103.5	102.2	101.3	100.7	93.7	103.1
1997	19689	100.5	102.8	103.1	102.0	100.8	100.7	94.2	102.8
1998	27372	100.7	102.4	102.9	101.8	100.7	100.8	94.5	102.5
1999	30267	100.6	102.2	102.6	101.6	100.6	100.5	94.9	102.3
2000	36154	101.2	101.2	102.4	101.1	100.9	100.8	95.0	101.9
2001	40894	100.7	101.2	102.1	100.9	100.6	100.5	95.6	101.6
2002	43120	99.8	101.3	101.5	100.5	100.0	100.3	96.9	101.1
2003	45728	99.2	101.1	101.0	100.1	99.6	100.2	97.7	100.6
2004	47104	99.3	101.0	100.9	99.9	99.6	100.0	97.7	100.4
2005	49125	99.4	101.1	100.9	100.1	99.8	100.3	97.7	100.5
2006	50842	99.3	100.6	100.4	99.6	99.6	100.3	98.0	100.0
2007	52857	99.0	100.7	100.2	99.5	99.5	100.3	98.6	99.9
2008	59053	99.6	100.4	100.4	99.5	99.9	100.3	99.1	100.0
2009	59441	99.7	100.8	100.6	100.0	100.3	100.1	99.7	100.4
2010	58746	99.9	100.5	100.5	99.8	100.4	100.1	99.7	100.2
2011	59028	99.7	100.5	100.1	99.7	100.2	99.9	99.9	99.9
2012	61427	99.7	100.5	100.1	99.8	100.4	100.1	99.9	100.0
2013	62757	99.6	100.6	100.0	99.9	100.4	100.1	100.1	100.0
2014	62141	99.6	101.0	100.1	100.3	100.7	100.1	100.4	100.2
2015	57742	99.5	101.0	100.0	100.3	100.7	99.9	100.6	100.2
2016	40299	99.6	101.1	100.1	100.5	100.8	99.9	101.2	100.3

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	26	100.8	83.4	100.5	103.5	105.7
1981	34	101.5	96.2	100.2	102.4	104.2
1982	42	100.9	90.4	99.6	102.0	103.7
1983	73	100.6	87.0	99.4	101.8	103.6
1984	141	99.9	93.1	99.1	101.3	103.1
1985	213	100.4	94.7	99.2	101.5	103.3
1986	347	100.5	96.9	98.8	100.9	102.8
1987	551	100.1	97.6	98.3	100.1	102.0
1988	918	99.9	98.2	98.6	100.2	102.1

1989	1234	99.6	98.6	98.6	99.9	102.1
1990	1897	99.9	99.3	98.3	99.4	101.7
1991	3118	100.7	99.8	98.1	99.3	101.0
1992	4904	101.0	100.1	98.4	99.4	101.2
1993	5278	100.7	100.1	98.4	99.5	101.3
1994	6523	101.0	99.8	98.4	99.1	100.9
1995	7190	101.0	99.5	98.3	98.9	100.7
1996	8345	101.0	99.6	98.3	98.7	100.6
1997	9725	101.3	100.0	98.2	98.3	100.0
1998	13460	100.9	99.3	98.7	98.8	100.0
1999	15346	100.4	99.4	98.6	98.6	99.5
2000	19229	100.5	99.1	99.0	99.0	100.1
2001	21298	100.7	99.1	98.7	98.7	99.6
2002	22028	100.6	98.9	98.5	98.3	99.1
2003	22759	100.8	99.4	98.5	98.2	99.0
2004	24247	100.7	99.2	98.8	98.4	98.8
2005	25745	101.1	99.3	99.0	98.5	98.9
2006	26326	101.2	100.0	99.3	98.8	99.1
2007	25910	101.3	100.0	99.4	98.7	99.0
2008	27782	101.0	100.0	99.5	98.8	99.1
2009	28223	100.3	100.1	100.1	99.6	100.0
2010	28758	100.3	100.1	100.4	99.7	99.9
2011	27971	100.4	100.4	101.0	100.2	100.1
2012	27685	100.4	100.5	101.6	100.7	100.3
2013	26505	100.8	100.9	101.8	100.8	100.5
2014	23937	100.8	101.3	102.0	101.0	100.4
2015	20027	100.8	101.1	102.5	101.3	100.6
2016	6475	100.8	101.1	103.0	101.6	101.0

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	34	-185.9	-499.8	-93.0	105.4	108.4	91.8	88.0	100.0
1981	54	-191.2	-496.3	-88.8	103.9	108.4	91.2	88.4	98.4
1982	85	-187.7	-475.3	-128.2	103.3	108.0	91.1	89.4	99.0
1983	111	-198.0	-485.2	-146.5	103.3	107.0	91.7	89.8	98.8
1984	251	-206.3	-463.6	-231.1	102.6	106.3	92.5	89.2	98.6
1985	403	-177.6	-474.7	-260.4	102.9	107.2	93.0	89.3	99.1
1986	681	-175.6	-446.6	-282.6	102.2	106.7	93.5	89.4	99.0
1987	1195	-183.2	-435.1	-345.2	101.3	106.7	92.9	90.2	98.8
1988	2395	-180.7	-421.9	-374.1	101.4	106.3	93.1	90.8	99.0
1989	3566	-176.8	-406.0	-372.2	101.3	106.0	93.1	91.1	98.8
1990	4819	-182.6	-404.7	-389.1	100.8	105.8	93.2	91.2	98.4
1991	6449	-179.9	-383.4	-379.2	100.3	105.5	93.6	91.2	98.5
1992	8422	-174.8	-378.7	-346.1	100.5	105.4	93.7	91.4	98.6
1993	9962	-169.2	-366.3	-325.2	100.6	105.2	94.0	91.4	99.0
1994	12166	-170.9	-319.4	-375.3	100.2	104.5	92.9	90.8	98.9
1995	13593	-169.0	-309.2	-368.3	99.9	104.0	93.2	91.2	99.0
1996	15347	-160.4	-280.3	-334.8	99.7	103.1	93.2	92.1	98.9
1997	16758	-155.1	-261.3	-320.1	99.2	102.8	93.9	93.0	99.2
1998	23171	-147.8	-235.4	-340.5	99.4	102.5	93.8	93.0	99.1
1999	26195	-135.3	-215.9	-309.0	99.0	102.3	94.6	93.6	99.8
2000	32062	-111.4	-189.1	-219.6	99.6	101.9	95.7	94.9	99.7
2001	36304	-105.6	-167.0	-196.8	99.1	101.6	95.7	94.9	99.5
2002	37105	-99.2	-138.2	-188.8	98.6	101.1	96.2	95.3	99.2
2003	38823	-91.8	-118.9	-164.8	98.5	100.6	97.0	95.7	98.8
2004	40611	-78.1	-89.4	-157.6	98.5	100.4	97.0	96.1	98.8
2005	43417	-60.9	-66.9	-125.4	98.6	100.5	97.2	96.6	98.8
2006	45866	-51.6	-55.9	-77.9	98.9	100.0	97.8	97.4	99.0

2007	45814	-41.6	-39.3	-53.2	98.8	99.9	98.4	97.6	98.8
2008	49825	-30.6	-24.6	-21.9	98.8	100.0	98.7	97.6	99.2
2009	50274	-18.8	-27.8	16.6	99.8	100.4	99.5	98.7	99.1
2010	50904	-3.5	-2.5	34.4	99.8	100.2	100.0	99.5	99.3
2011	51236	13.7	19.3	63.3	100.1	99.9	100.5	100.5	99.5
2012	52605	29.2	33.6	99.1	100.5	100.0	100.9	101.0	99.9
2013	54369	40.6	44.6	132.6	100.7	100.0	101.5	101.5	99.9
2014	52826	54.8	60.3	157.2	100.7	100.2	102.2	102.0	100.5
2015	45894	68.8	75.7	195.0	101.0	100.2	103.1	102.3	100.6
2016	23677	84.1	94.5	241.8	101.4	100.3	103.5	102.5	101.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1984	19	94.5	93.9	99.1	97.7	93.0	97.9	96.3
1985	14	94.8	94.6	98.6	97.9	94.1	98.1	96.4
1986	27	95.7	96.9	98.9	96.6	96.3	98.0	96.5
1987	56	95.5	95.7	99.4	97.3	95.7	97.9	96.2
1988	118	95.5	95.1	99.7	97.8	95.0	97.4	96.0
1989	175	96.3	95.9	99.9	98.1	96.0	97.7	96.3
1990	258	96.3	95.7	99.9	98.5	95.7	98.0	96.2
1991	491	94.5	95.6	97.7	95.9	96.4	97.7	97.3
1992	589	94.4	95.9	97.5	95.5	96.9	97.8	97.5
1993	708	94.4	95.7	97.6	95.7	96.3	97.7	97.2
1994	1794	95.6	97.1	99.2	95.5	97.0	98.8	96.9
1995	2875	95.9	97.2	99.5	95.8	97.0	99.2	96.7
1996	3173	95.4	96.0	99.4	96.5	95.3	99.0	96.3
1997	6362	95.4	95.5	99.7	97.2	94.9	98.2	95.6
1998	10368	95.7	96.1	99.6	97.4	95.1	97.8	95.9
1999	12650	96.4	96.7	100.1	97.8	95.4	98.4	96.2
2000	16944	96.8	97.5	99.8	97.8	96.0	99.2	96.2
2001	18304	96.6	97.7	99.5	97.3	96.4	99.0	96.4
2002	19884	96.4	97.5	99.3	97.5	96.3	98.7	96.0
2003	21933	96.8	97.8	99.3	97.9	96.5	98.6	96.5
2004	24163	97.4	98.6	99.6	98.2	97.0	98.7	96.8
2005	25640	98.3	99.2	100.2	98.8	97.5	99.2	97.3
2006	26359	98.3	99.2	99.8	98.8	97.8	99.1	98.0
2007	26191	98.8	99.9	99.7	99.0	98.5	99.4	98.6
2008	28257	98.9	99.8	99.6	99.0	98.8	99.5	99.0
2009	28847	99.0	99.9	99.4	99.2	99.3	99.5	99.3
2010	29176	99.3	100.1	99.4	99.5	99.6	99.9	99.3
2011	28621	99.8	100.8	99.3	99.7	100.3	100.1	99.5
2012	28578	100.5	101.6	99.7	100.1	101.0	100.6	99.9
2013	28280	100.9	101.8	99.8	100.3	101.4	101.1	100.2
2014	26096	101.4	101.8	100.2	100.7	101.5	101.7	100.2
2015	22059	102.0	102.0	100.7	101.3	101.8	102.3	100.3
2016	7401	102.5	102.4	101.1	101.6	102.1	102.8	100.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	21	97.3	101.4	97.3	101.4	97.4	99.2
1981	36	95.5	101.6	95.5	101.6	97.1	99.2
1982	46	95.7	102.2	95.7	102.2	96.2	98.9

1983	66	94.7	102.0	94.7	102.0	95.6	99.2
1984	155	95.5	101.4	95.5	101.4	96.2	98.1
1985	217	95.9	101.4	95.9	101.4	97.2	99.4
1986	447	96.0	101.4	96.0	101.4	97.2	99.3
1987	787	95.7	101.4	95.7	101.4	97.0	99.7
1988	1479	96.0	101.4	96.0	101.4	97.2	99.5
1989	2309	96.0	101.2	96.0	101.2	97.2	99.3
1990	3643	95.9	101.0	95.9	101.0	96.9	99.0
1991	5989	95.9	101.2	95.9	101.2	97.1	99.2
1992	8394	95.9	101.2	95.9	101.2	97.0	99.1
1993	11526	96.4	101.4	96.4	101.4	97.6	99.4
1994	15160	96.2	101.4	96.2	101.4	97.9	99.1
1995	18234	96.3	101.5	96.3	101.5	97.9	99.1
1996	21750	96.5	101.3	96.5	101.3	97.9	99.5
1997	24780	96.7	101.4	96.7	101.4	98.0	99.5
1998	34432	96.8	101.2	96.8	101.2	98.0	99.2
1999	39516	97.3	101.7	97.3	101.7	98.3	99.9
2000	48197	97.6	101.3	97.6	101.3	98.6	100.4
2001	50789	97.8	101.1	97.8	101.1	98.6	100.3
2002	54748	97.8	100.8	97.8	100.8	98.4	100.0
2003	56305	97.7	100.3	97.7	100.3	98.3	99.9
2004	57529	97.9	100.2	97.9	100.2	98.6	99.9
2005	57683	98.1	100.0	98.1	100.0	99.1	100.1
2006	56922	98.4	100.0	98.4	100.0	99.2	100.0
2007	57206	98.6	99.7	98.6	99.7	99.3	99.8
2008	64292	99.1	99.8	99.1	99.8	99.8	99.9
2009	67500	99.0	99.6	99.0	99.6	100.0	99.7
2010	67298	99.2	99.8	99.2	99.8	100.5	100.0
2011	66350	99.5	99.8	99.5	99.8	101.0	100.1
2012	68577	100.0	99.9	100.0	99.9	101.4	100.3
2013	69911	100.2	99.7	100.2	99.7	101.8	100.3
2014	71157	100.5	100.1	100.5	100.1	102.2	100.6
2015	70156	100.2	100.4	100.2	100.4	102.3	100.7
2016	67100	100.2	100.8	100.2	100.8	102.6	100.7
2017	56383	100.4	101.1	100.4	101.1	102.9	100.8
2018	42755	100.6	101.5	100.6	101.5	102.9	101.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	25	101.4	103.2	95.6	98.6	93.4	93.3
1981	33	98.3	103.6	99.5	86.1	93.8	95.7
1982	44	96.3	102.0	102.2	86.5	92.3	91.4
1983	71	100.3	100.9	98.1	92.2	96.1	93.2
1984	163	97.8	102.7	101.1	94.3	99.4	98.0
1985	220	98.8	102.0	101.6	89.7	93.0	91.7
1986	379	99.0	101.8	101.1	95.2	97.4	96.6
1987	593	98.9	101.9	100.8	96.0	98.0	97.9
1988	1032	99.4	101.4	100.4	97.3	99.1	99.1
1989	1413	98.9	102.2	100.7	96.6	98.9	99.0
1990	2159	98.6	102.1	101.1	97.1	99.8	100.2
1991	3154	98.1	101.9	101.5	97.8	100.1	99.3
1992	4201	98.3	101.8	101.3	98.3	100.3	98.9
1993	4599	98.6	101.5	101.1	98.5	99.8	98.6
1994	6478	97.7	101.9	101.9	99.0	99.4	99.8
1995	7604	97.5	102.1	102.1	99.2	99.5	99.5
1996	8952	97.6	102.3	102.1	99.0	99.7	99.4
1997	10006	97.8	102.5	101.9	99.4	100.3	99.3
1998	13859	97.4	102.2	102.1	99.1	100.3	99.8

1999	15965	97.9	101.3	101.9	99.9	99.8	99.0
2000	20547	98.1	100.6	101.5	100.1	99.1	98.6
2001	23424	97.8	100.5	101.9	99.7	99.2	99.3
2002	24553	97.6	101.4	102.2	99.4	99.7	99.8
2003	26578	97.1	101.5	102.6	99.5	100.0	99.5
2004	28075	97.3	101.2	102.5	99.8	100.5	99.7
2005	31493	97.6	101.1	102.2	100.0	100.6	99.7
2006	32853	98.0	100.6	102.0	99.7	100.6	99.9
2007	36976	98.4	100.6	101.6	99.4	100.9	100.4
2008	42581	98.9	100.3	101.3	99.8	100.7	100.5
2009	46141	98.7	100.1	101.5	100.2	100.6	100.1
2010	46738	98.9	99.9	101.5	100.4	100.3	100.2
2011	46437	99.0	100.0	101.5	100.4	100.4	100.4
2012	47408	99.5	99.9	101.1	100.5	100.1	100.4
2013	47695	99.8	99.6	100.8	100.6	100.1	100.6
2014	48008	100.0	99.1	100.6	101.1	99.7	100.4
2015	45824	100.0	99.0	100.5	101.4	99.8	100.6
2016	38357	100.4	98.8	100.1	101.7	99.9	100.6
2017	27897	100.6	98.7	99.9	102.0	100.0	100.6
2018	21176	100.8	98.3	99.7	102.5	100.1	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	104.5	109.8	95.2	101.1	107.2	98.0	103.5	99.7	107.7	99.9	98.6
1981	38	104.1	108.4	96.0	101.6	107.4	98.3	104.4	97.0	106.5	98.3	99.2
1982	53	104.3	107.6	96.4	100.8	106.3	97.5	104.2	98.5	106.2	98.2	101.2
1983	73	103.7	107.5	96.6	101.3	105.3	97.2	103.8	97.9	105.7	99.1	102.0
1984	170	103.8	106.2	97.3	100.7	104.7	97.5	104.4	97.8	105.8	97.0	100.7
1985	256	104.1	107.5	96.1	101.3	105.4	97.2	103.9	98.4	106.6	98.6	103.5
1986	448	104.1	106.4	96.5	100.8	105.0	97.1	104.3	98.3	105.7	98.4	102.2
1987	795	104.4	106.9	96.8	100.9	106.1	97.0	104.5	97.6	106.9	98.2	103.3
1988	1374	104.3	106.7	96.9	100.6	106.0	96.9	104.4	97.5	106.7	98.2	102.9
1989	2131	104.0	106.6	97.3	100.6	105.6	97.3	104.2	97.5	106.5	98.4	102.8
1990	3331	104.0	106.8	97.4	100.7	105.7	97.5	104.1	97.6	106.7	98.6	102.7
1991	5053	103.9	105.7	97.8	100.1	105.3	97.3	104.0	97.7	106.2	98.3	102.5
1992	7650	104.0	106.0	97.7	100.2	105.6	97.4	104.0	98.0	106.5	98.4	102.4
1993	9244	103.6	105.2	97.9	100.0	104.9	97.5	103.7	97.9	105.7	98.5	101.9
1994	11939	104.1	106.2	98.0	101.1	105.0	98.1	103.8	98.6	106.3	98.6	103.9
1995	13631	103.9	105.9	98.5	101.0	104.5	98.5	103.5	98.9	105.9	99.1	103.6
1996	17360	103.4	105.6	98.8	100.9	104.2	98.9	103.2	98.4	106.1	99.0	103.6
1997	21005	103.0	105.3	98.6	100.9	103.7	98.9	102.8	98.5	105.5	98.8	103.2
1998	27178	102.9	104.6	98.7	100.9	103.5	98.6	102.6	98.7	105.1	98.2	103.2
1999	33732	102.5	104.4	98.4	100.7	103.1	98.4	102.3	98.7	104.7	98.0	102.9
2000	37874	102.4	103.7	98.4	100.4	102.6	98.7	101.7	99.8	104.4	98.0	102.5
2001	42065	102.2	103.1	99.4	100.1	102.4	99.3	101.5	100.0	103.9	98.7	102.2
2002	47868	102.4	102.8	99.9	100.3	102.5	99.4	101.8	100.0	103.6	99.0	102.3
2003	47995	102.3	102.3	100.2	100.3	102.0	99.5	101.7	100.3	103.0	99.2	102.0
2004	49709	102.2	101.7	100.0	100.2	101.7	99.3	101.6	100.5	102.6	98.6	102.1
2005	50837	101.4	101.3	100.1	100.0	101.2	99.7	100.9	100.1	102.3	98.8	101.8
2006	50681	101.4	100.9	100.3	99.7	100.9	99.7	100.8	100.6	101.8	99.1	101.2
2007	47367	101.0	100.5	100.4	99.4	100.5	99.9	100.6	100.2	101.3	99.3	100.8
2008	49674	101.0	100.2	100.5	99.3	100.4	99.9	100.8	100.2	101.0	99.6	100.6
2009	51032	100.5	100.4	99.9	99.8	100.1	100.1	100.5	99.5	100.8	99.6	100.5
2010	46856	100.4	99.7	100.2	99.2	99.9	99.9	100.4	99.7	100.5	99.5	100.2
2011	40356	100.3	99.2	100.3	98.8	99.7	99.8	100.3	99.7	100.2	99.3	100.0
2012	33771	100.3	99.0	100.5	98.5	99.8	99.7	100.4	99.5	100.2	99.2	100.1
2013	30852	100.4	98.7	100.7	98.4	99.9	99.6	100.5	99.4	100.2	99.4	100.1
2014	26871	100.3	98.3	101.2	98.4	99.8	99.8	100.5	99.3	99.9	99.8	100.0

2015	22200	100.1	98.0	101.5	98.3	99.4	100.1	100.4	99.3	99.6	100.1	99.8
2016	7176	99.7	97.8	101.6	98.3	99.1	100.2	100.2	98.7	99.4	100.1	99.6

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	21	99.2	99.7	100.0
1981	33	99.6	100.3	100.3
1982	47	99.1	100.0	99.5
1983	66	99.3	100.0	99.7
1984	154	98.9	99.5	99.4
1985	216	99.3	99.9	99.9
1986	456	99.1	99.6	100.0
1987	798	99.1	99.5	99.9
1988	1499	99.1	99.5	100.0
1989	2356	99.1	99.4	99.9
1990	3721	99.1	99.5	99.7
1991	5936	98.5	99.2	99.7
1992	8226	98.1	99.0	99.7
1993	11907	98.3	99.2	99.9
1994	17151	98.8	99.7	99.9
1995	19743	98.9	99.9	99.5
1996	23611	98.8	100.0	98.8
1997	27027	98.6	99.8	98.8
1998	37340	98.7	99.7	99.2
1999	42956	99.0	100.0	99.6
2000	51987	98.8	99.9	99.9
2001	54479	99.2	100.0	100.0
2002	59112	99.4	100.2	99.8
2003	60679	99.5	100.3	99.8
2004	61451	100.1	100.6	100.2
2005	61429	100.4	100.6	100.5
2006	60082	100.4	100.7	100.2
2007	60235	100.5	100.6	100.2
2008	67774	100.3	100.4	100.0
2009	71188	100.3	100.1	100.4
2010	70573	100.1	99.9	100.2
2011	69580	100.3	100.1	100.2
2012	72055	100.8	100.4	100.5
2013	73310	101.0	100.5	100.7
2014	74829	100.7	100.3	100.5
2015	74515	100.9	100.3	100.4
2016	72594	101.3	100.8	100.6
2017	62651	101.6	101.2	100.9
2018	46073	101.5	101.1	101.1

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36318	-1893.2	-7991.1	-297.8	-282.6
2002	37169	-1757.3	-7409.3	-272.6	-264.4
2003	38851	-1552.5	-6679.1	-237.0	-235.2
2004	40670	-1411.9	-6204.3	-210.7	-215.9
2005	43496	-1138.5	-5126.9	-166.1	-175.6

2006	45998	-818.4	-3745.8	-117.0	-127.3
2007	45954	-607.9	-2911.9	-81.1	-97.1
2008	50094	-363.7	-1946.5	-44.0	-59.7
2009	50614	-134.5	-946.4	-9.7	-24.8
2010	51394	78.0	-165.3	25.4	6.5
2011	51779	349.2	881.2	72.8	44.9
2012	53262	642.3	2032.5	123.3	86.7
2013	55056	908.8	3051.6	166.1	126.3
2014	53769	1144.9	4005.3	204.5	161.1
2015	47270	1458.7	5230.8	255.0	207.6
2016	27640	1872.9	6950.3	326.5	266.3
2017	7361	2507.2	9466.0	429.6	359.8
2018	6095	2959.7	11136.4	504.4	426.3

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

Jaar	Aantal	Eff	Int	Gewen
1982	11	99.8	98.4	101.3
1983	20	101.0	97.6	101.4
1984	40	100.4	97.5	101.0
1985	31	100.2	98.1	101.2
1986	59	100.9	97.2	101.4
1987	77	101.2	96.6	101.2
1988	125	101.2	96.6	101.5
1989	165	101.3	96.6	101.6
1990	203	101.2	96.4	101.6
1991	310	101.5	96.9	101.6
1992	429	101.8	96.7	101.4
1993	491	101.8	96.6	101.4
1994	758	101.9	93.5	102.3
1995	818	101.9	94.2	102.1
1996	1076	102.1	94.3	102.0
1997	1456	102.0	94.8	101.7
1998	2175	101.7	94.5	101.8
1999	2788	101.2	94.8	101.8
2000	3737	101.4	95.4	101.2
2001	4545	101.5	95.8	100.9
2002	5199	101.5	96.4	100.9
2003	5770	101.3	97.1	100.7
2004	6637	101.4	97.4	100.9
2005	7574	101.6	97.6	101.2
2006	8592	101.6	98.3	100.8
2007	8894	101.7	98.8	100.6
2008	10888	101.3	99.1	100.4
2009	12637	100.4	99.5	100.7
2010	14429	100.4	100.2	100.4
2011	14876	100.6	101.5	100.1
2012	15270	100.6	102.7	99.8
2013	16292	101.0	103.9	99.5
2014	15667	101.0	105.2	99.5
2015	13845	101.0	106.1	99.3
2016	8492	100.9	106.7	99.3

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	97.0	98.8	0	0.0	0	0.0
1981	55	96.5	98.7	3	-3.5	0	0.0
1982	85	97.0	99.1	1	-4.2	0	0.0
1983	112	96.7	98.6	1	-4.7	0	0.0
1984	251	96.1	97.9	2	-2.8	0	0.0
1985	404	95.6	97.7	441	-4.9	0	0.0
1986	685	95.9	97.7	758	-4.5	0	0.0
1987	1198	95.6	97.7	1277	-4.2	0	0.0
1988	2400	95.9	97.6	2428	-4.0	0	0.0
1989	3573	96.1	97.7	3583	-3.9	0	0.0
1990	4822	96.0	97.6	4839	-3.8	0	0.0
1991	6453	96.1	97.1	6534	-3.6	0	0.0
1992	8426	96.0	97.1	8530	-3.6	0	0.0
1993	9969	95.8	97.0	9972	-3.5	0	0.0
1994	12170	95.5	97.1	12162	-2.8	0	0.0
1995	13601	96.0	97.2	13592	-2.7	0	0.0
1996	15354	96.2	97.0	15345	-2.4	0	0.0
1997	16763	96.1	96.8	16750	-2.2	0	0.0
1998	23175	96.1	97.1	23171	-2.0	0	0.0
1999	26198	96.0	97.1	26182	-1.8	0	0.0
2000	32070	96.5	97.5	32057	-1.6	0	0.0
2001	36312	97.3	97.7	36289	-1.4	21964	97.9
2002	37111	97.2	97.5	37109	-1.2	22719	98.4
2003	38828	97.3	97.6	38830	-0.9	23735	98.9
2004	40611	97.4	97.8	40666	-0.7	25271	99.2
2005	43417	97.7	98.0	43498	-0.5	26970	99.0
2006	45867	98.4	98.5	45949	-0.4	27762	99.4
2007	45816	98.6	98.6	45916	-0.3	27567	99.5
2008	49830	98.8	98.9	50007	-0.2	29544	99.5
2009	50283	98.6	99.4	50511	-0.1	30182	100.3
2010	50911	99.0	99.4	51182	0.0	30546	100.1
2011	51240	99.5	99.5	51574	0.2	29904	100.2
2012	52606	99.7	99.8	53010	0.3	29750	100.2
2013	54372	100.0	99.9	54817	0.4	29026	100.3
2014	52826	100.5	100.0	53465	0.5	26717	100.6
2015	45894	101.0	100.2	47044	0.7	22797	100.9
2016	23678	101.3	100.2	27084	0.9	7412	101.2
2017	0	0.0	0.0	7364	1.0	0	0.0
2018	0	0.0	0.0	6310	1.4	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	-2453.7	-76.0	-86.5	-111.4	45.6	-1.2	0.8	-547.6
1981	3583	-2397.4	-71.0	-82.9	-108.8	49.3	1.3	0.7	-521.8
1982	7639	-2363.3	-70.0	-82.8	-107.3	48.3	-0.3	0.7	-518.8
1983	15861	-2237.1	-65.8	-79.2	-101.5	45.8	-1.5	0.7	-493.4
1984	27530	-2236.8	-65.7	-78.2	-101.5	46.2	0.2	0.7	-488.9
1985	45245	-2282.0	-65.8	-77.9	-103.6	49.4	3.1	0.7	-488.7
1986	65844	-2274.3	-64.2	-76.0	-103.2	51.4	5.7	0.7	-477.3
1987	86066	-2191.6	-62.2	-73.2	-99.5	48.5	5.6	0.7	-460.7
1988	112325	-2107.3	-58.9	-70.1	-95.6	47.4	5.7	0.7	-440.1
1989	115862	-2039.5	-55.2	-67.9	-92.5	48.2	5.4	0.7	-422.1
1990	99223	-1973.2	-53.6	-65.5	-89.5	46.0	5.6	0.7	-408.0
1991	78152	-1798.8	-48.4	-59.6	-81.5	41.8	5.3	0.7	-370.3
1992	62020	-1644.5	-46.0	-55.4	-74.5	34.9	3.4	0.7	-346.0
1993	51146	-1566.0	-44.1	-52.7	-70.9	32.5	3.3	0.6	-329.9

1994	37771	-1447.6	-42.1	-49.3	-65.5	27.9	2.2	0.6	-310.3
1995	33403	-1346.2	-38.2	-45.7	-60.9	27.0	2.4	0.6	-285.6
1996	25248	-1261.5	-35.9	-42.6	-57.1	24.9	2.5	0.6	-267.1
1997	18327	-1209.0	-32.8	-40.1	-54.7	25.9	3.5	0.6	-249.7
1998	14009	-1137.6	-30.9	-37.8	-51.4	24.2	3.1	0.6	-235.5
1999	11001	-1070.1	-28.3	-35.2	-48.3	23.6	3.4	0.6	-218.5
2000	8415	-946.1	-24.6	-31.7	-42.8	21.4	2.3	0.5	-194.5
2001	6994	-874.5	-21.8	-28.7	-39.7	20.8	2.9	0.4	-175.6
2002	5395	-798.8	-21.8	-26.7	-36.2	16.7	2.2	0.4	-166.0
2003	4827	-750.1	-19.3	-25.2	-34.8	16.9	1.8	-0.7	-154.6
2004	4250	-653.6	-16.9	-22.0	-30.1	14.6	1.6	-0.3	-134.6
2005	3781	-600.1	-16.0	-20.5	-27.4	12.7	1.1	0.0	-126.0
2006	3423	-520.1	-13.9	-16.8	-22.9	11.0	2.3	1.0	-104.8
2007	2975	-415.0	-12.7	-14.1	-18.0	7.1	1.1	1.1	-89.8
2008	2833	-308.3	-11.1	-11.1	-13.2	3.4	0.2	1.1	-72.7
2009	2412	-311.9	-9.7	-10.1	-13.3	5.2	1.5	1.2	-65.7
2010	2102	-268.2	-8.5	-8.2	-11.5	4.6	1.9	0.9	-54.9
2011	1768	-204.8	-6.1	-6.2	-7.9	4.0	1.7	1.7	-40.6
2012	1644	-185.7	-2.5	-4.0	-7.2	7.3	3.4	1.4	-23.8
2013	1589	-160.7	-1.3	-2.9	-6.2	7.4	3.7	1.4	-16.6
2014	1380	-90.2	-0.3	-1.3	-2.8	5.1	2.7	1.5	-6.8
2015	1115	-28.0	3.3	1.3	1.0	6.0	3.2	2.6	12.8
2016	440	-83.9	4.5	0.5	-0.5	10.0	4.3	3.9	11.3

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
1980	2040	86.1	97.1	88.7	88.4	104.7	96.2	94.7
1981	5035	86.6	97.7	89.2	88.6	105.9	95.9	95.0
1982	11484	86.5	98.0	89.6	89.0	105.9	95.8	95.6
1983	21622	86.8	98.0	89.8	89.3	105.4	95.6	95.5
1984	30723	87.1	98.1	90.5	89.9	105.2	95.7	95.7
1985	42158	87.1	98.2	90.7	90.0	105.2	95.6	95.7
1986	53332	87.2	98.4	90.9	90.1	105.2	95.3	95.5
1987	59233	88.1	98.3	91.5	90.7	104.6	95.6	96.4
1988	63534	88.4	98.5	92.5	91.4	104.1	95.7	97.1
1989	58688	88.9	98.7	92.9	91.9	103.8	96.1	97.2
1990	49447	89.2	98.5	93.0	92.0	103.4	96.6	97.1
1991	39690	89.9	99.0	93.3	92.4	103.1	96.5	96.7
1992	32117	90.3	99.1	93.6	92.6	102.7	96.7	96.8
1993	24726	90.5	98.9	93.5	92.4	102.4	96.7	96.9
1994	17210	90.6	98.3	93.7	92.8	101.7	97.2	97.3
1995	14823	90.8	98.0	93.7	93.1	101.3	97.0	96.6
1996	10756	91.3	98.3	94.0	93.7	101.1	97.2	96.6
1997	7696	91.8	98.1	94.3	93.9	100.8	97.4	96.5
1998	5736	92.3	98.3	94.8	94.5	100.7	97.0	96.6
1999	4441	92.7	98.3	95.1	94.9	100.4	97.8	96.7
2000	3339	93.6	98.3	95.7	95.4	100.0	98.4	97.3
2001	2718	94.1	98.1	95.8	96.1	99.7	98.3	97.4
2002	2137	94.3	97.8	95.8	96.3	99.4	98.6	97.3
2003	1827	94.8	98.4	96.4	96.8	99.1	98.6	97.3
2004	1625	95.2	98.0	96.6	97.0	98.7	99.0	97.3
2005	1473	95.9	98.5	96.9	97.1	98.9	99.3	97.9
2006	1237	96.6	99.3	97.4	97.0	99.6	99.3	98.7
2007	977	97.0	99.0	97.6	97.5	99.1	99.4	98.7
2008	945	97.7	99.5	98.2	98.1	99.3	99.8	99.3
2009	811	97.2	99.2	97.7	97.2	99.8	99.2	99.0
2010	660	97.5	99.0	97.5	97.6	99.6	99.3	99.0

2011	504	97.8	99.2	98.0	98.4	100.1	99.4	99.1
2012	397	98.1	100.2	98.7	98.9	100.5	98.6	98.6
2013	384	98.5	100.1	98.7	98.9	100.6	98.9	99.2
2014	307	99.3	99.9	98.8	99.1	100.1	100.0	98.5
2015	264	99.1	99.7	98.7	99.5	100.2	99.3	99.7
2016	64	98.9	100.0	98.6	99.4	101.1	100.0	100.2

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

Jaar	Aantal	BA	BZ	KH	BG
1980	2040	93.3	100.2	93.0	90.2
1981	5035	94.4	100.1	93.8	91.4
1982	11484	94.2	100.6	93.9	91.1
1983	21622	94.6	100.8	94.4	91.5
1984	30723	94.5	100.7	94.3	91.6
1985	42158	94.7	100.3	94.6	91.8
1986	53332	95.0	100.1	94.7	92.0
1987	59233	95.3	100.4	94.9	92.2
1988	63534	95.4	101.0	94.4	92.2
1989	58688	95.5	101.2	94.6	92.4
1990	49447	95.5	101.1	94.6	92.6
1991	39690	95.3	101.3	94.3	93.0
1992	32117	95.3	101.4	94.3	93.4
1993	24726	95.9	101.3	94.5	93.8
1994	17210	95.9	101.0	94.7	93.9
1995	14823	96.1	100.9	95.0	94.5
1996	10756	96.0	101.2	94.8	94.7
1997	7696	96.1	101.0	94.8	95.0
1998	5736	96.0	101.4	94.7	95.2
1999	4441	96.2	101.5	94.6	95.2
2000	3339	96.8	101.3	94.9	95.8
2001	2718	96.7	100.8	95.1	96.1
2002	2137	96.8	100.5	95.6	96.4
2003	1827	97.2	101.1	94.9	96.6
2004	1625	97.2	101.0	95.9	96.7
2005	1473	97.7	100.9	96.2	97.2
2006	1237	97.5	100.6	96.5	97.1
2007	977	98.0	100.1	97.1	97.3
2008	945	98.4	100.0	97.4	97.8
2009	811	98.3	100.3	97.1	97.8
2010	660	98.0	99.8	97.6	98.1
2011	504	98.7	99.8	97.6	98.0
2012	397	98.9	99.8	97.9	98.3
2013	384	99.7	100.0	97.8	99.0
2014	307	99.9	100.2	97.3	99.1
2015	264	100.7	100.5	98.5	100.0
2016	64	101.0	99.8	99.2	100.8

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	89.4	100.7	94.4	85.2	89.8	88.5
1981	5035	92.7	89.5	100.6	94.6	85.3	90.2	88.8
1982	11484	92.4	89.6	100.5	94.1	85.2	89.9	89.0

1983	21622	92.4	90.2	100.5	94.1	85.8	90.6	89.5
1984	30723	92.3	90.0	100.4	93.9	86.7	90.9	89.7
1985	42158	92.6	89.9	100.4	94.1	87.4	90.8	89.6
1986	53332	92.6	89.9	100.5	94.2	87.7	91.0	89.6
1987	59233	92.7	90.7	100.3	94.0	88.3	91.8	90.3
1988	63534	92.8	91.6	100.2	93.4	88.6	92.2	90.9
1989	58688	93.2	92.2	100.3	93.7	88.8	92.5	91.2
1990	49447	93.2	92.5	100.0	93.8	88.8	93.0	91.8
1991	39690	93.4	92.3	100.8	94.2	90.0	93.3	91.8
1992	32117	93.5	92.6	101.2	94.2	90.7	93.9	92.4
1993	24726	93.2	92.7	101.1	94.2	91.1	94.3	92.8
1994	17210	93.1	93.1	101.0	94.1	91.1	94.2	93.2
1995	14823	93.4	93.4	101.6	94.2	91.8	94.5	93.6
1996	10756	93.9	93.6	101.4	94.6	92.1	94.8	93.8
1997	7696	94.4	93.8	101.3	95.0	92.7	95.3	94.2
1998	5736	94.9	94.1	100.9	95.1	92.8	95.4	94.6
1999	4441	95.2	94.5	100.9	95.3	93.1	95.6	94.9
2000	3339	95.1	94.8	100.4	95.4	93.8	95.8	95.3
2001	2718	95.5	95.4	101.2	95.7	94.6	95.6	95.4
2002	2137	95.8	96.1	101.1	95.9	94.7	95.7	95.6
2003	1827	96.5	96.5	100.9	96.3	95.1	96.6	96.3
2004	1625	96.5	96.5	100.9	96.3	96.0	97.2	97.0
2005	1473	97.1	97.1	100.8	96.7	96.4	97.5	97.5
2006	1237	97.6	97.7	100.7	97.5	96.6	97.7	97.8
2007	977	98.0	98.1	100.8	97.7	96.9	98.1	98.2
2008	945	97.6	98.6	100.4	97.8	97.3	98.3	98.4
2009	811	98.3	97.9	100.3	98.3	97.0	98.2	98.0
2010	660	98.0	98.1	99.9	98.0	97.4	98.5	98.5
2011	504	98.3	98.5	99.3	98.8	97.7	98.8	98.7
2012	397	99.6	99.5	99.2	99.9	97.9	98.7	98.8
2013	384	99.5	99.6	100.0	100.1	98.2	99.0	99.0
2014	307	99.7	99.3	100.5	100.3	99.3	98.9	98.8
2015	264	100.6	100.4	99.9	100.9	99.9	99.5	100.1
2016	64	100.3	100.3	99.5	100.8	99.5	99.0	99.9

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	92.3	88.0	89.3	0.0	83.9
1981	5035	90.8	93.4	88.3	90.7	0.0	85.1
1982	11484	91.3	93.9	87.9	90.4	0.0	85.0
1983	21622	91.3	93.9	88.3	90.8	0.0	85.4
1984	30723	91.6	94.4	88.6	90.9	0.0	85.8
1985	42158	91.7	94.5	89.0	91.1	0.0	86.1
1986	53332	91.6	94.7	89.2	91.3	0.0	86.4
1987	59233	92.4	95.0	89.7	91.6	0.0	87.0
1988	63534	93.2	95.7	89.8	91.6	0.0	87.5
1989	58688	93.7	95.9	90.1	91.9	0.0	88.0
1990	49447	93.8	95.7	90.3	92.0	0.0	88.1
1991	39690	93.9	95.9	91.0	92.2	0.0	88.6
1992	32117	94.2	95.9	91.4	92.5	0.0	89.1
1993	24726	94.1	95.5	91.5	93.0	0.0	89.3
1994	17210	94.4	95.4	91.3	93.1	0.0	89.4
1995	14823	93.9	95.2	91.8	93.7	0.0	89.7
1996	10756	94.1	95.6	92.3	93.8	0.0	90.2
1997	7696	94.2	95.6	92.9	94.0	0.0	90.7
1998	5736	94.3	96.0	93.1	94.2	0.0	91.0
1999	4441	94.9	96.2	93.5	94.1	0.0	91.4
2000	3339	95.7	96.5	93.8	94.8	0.0	92.1

2001	2718	95.7	96.9	94.3	95.0	0.0	92.5
2002	2137	95.7	96.7	94.5	95.3	0.0	92.8
2003	1827	96.1	97.0	95.1	95.6	0.0	93.5
2004	1625	96.2	96.9	95.5	95.8	0.0	93.8
2005	1473	97.0	97.3	96.0	96.3	0.0	94.6
2006	1237	97.8	97.9	96.6	96.2	0.0	95.2
2007	977	97.8	97.9	97.0	96.5	0.0	95.6
2008	945	98.7	98.6	97.1	97.1	0.0	96.3
2009	811	97.9	98.3	97.3	97.1	0.0	96.2
2010	660	97.9	98.4	97.3	97.2	0.0	96.2
2011	504	98.2	99.3	97.9	97.3	0.0	96.8
2012	397	98.1	99.8	98.8	97.6	0.0	97.5
2013	384	98.5	100.0	99.1	98.3	0.0	98.2
2014	307	98.7	99.6	99.6	98.4	0.0	98.5
2015	264	98.8	100.3	100.3	99.7	0.0	99.7
2016	64	99.5	100.9	99.9	100.2	0.0	100.1

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	106.0	106.7	110.4	108.8	106.0	102.0	88.1	109.9
1981	7556	105.3	106.9	109.9	108.7	105.5	101.6	88.2	109.6
1982	18264	105.2	106.6	109.7	108.3	105.3	101.2	88.0	109.3
1983	34801	105.0	106.3	109.4	108.0	105.1	101.3	88.6	109.0
1984	51933	104.9	106.3	109.3	107.9	105.0	101.2	88.9	108.9
1985	73839	105.0	106.1	109.2	107.8	104.9	100.7	88.7	108.7
1986	100109	104.9	105.9	108.8	107.5	104.6	100.2	88.6	108.4
1987	122707	104.8	105.7	108.5	107.3	104.5	101.1	89.5	108.1
1988	140069	104.6	104.9	107.8	106.5	104.1	101.3	89.9	107.4
1989	138647	104.2	104.4	107.3	105.9	103.6	100.6	91.0	106.9
1990	121005	103.8	104.3	107.0	105.8	103.4	100.4	91.4	106.7
1991	98552	103.6	103.9	106.3	105.2	103.0	100.5	91.6	106.0
1992	77919	103.3	103.6	105.9	104.9	102.9	100.9	92.0	105.7
1993	63635	103.5	103.2	105.8	104.6	103.0	101.1	92.2	105.5
1994	48290	103.3	102.9	105.6	104.2	102.9	100.9	92.6	105.1
1995	40603	103.0	102.4	104.9	103.5	102.5	100.6	92.8	104.4
1996	31072	102.6	102.2	104.5	103.3	102.3	100.9	93.3	104.1
1997	22274	102.3	102.1	104.1	103.0	102.0	100.4	93.6	103.8
1998	16874	101.8	101.8	103.5	102.5	101.3	100.5	94.3	103.2
1999	12766	101.5	101.4	103.0	102.0	101.0	100.5	94.5	102.7
2000	9710	101.2	101.3	102.6	101.7	100.7	100.5	95.2	102.3
2001	8064	101.3	100.9	102.5	101.4	100.9	100.3	95.5	102.1
2002	6299	100.9	101.3	102.5	101.7	100.7	100.4	95.6	102.3
2003	5643	101.1	100.9	102.4	101.4	100.7	100.7	95.9	102.1
2004	4899	101.1	100.4	102.2	101.0	100.5	101.0	96.1	101.7
2005	4329	100.8	100.4	102.1	100.9	100.4	100.2	96.8	101.6
2006	3869	100.1	100.6	101.3	100.6	99.7	98.8	96.6	101.0
2007	3423	100.5	100.3	101.4	100.6	99.8	99.1	96.6	101.0
2008	3332	100.5	99.9	101.1	100.2	99.7	99.3	97.0	100.7
2009	2885	100.9	100.5	101.7	101.0	100.4	100.0	97.5	101.5
2010	2489	101.0	100.1	101.7	100.7	100.3	99.7	97.7	101.3
2011	2111	101.1	100.7	102.1	101.5	100.9	99.6	97.6	101.9
2012	1943	101.0	101.2	102.0	101.7	101.3	99.0	97.0	102.0
2013	1857	100.6	101.4	102.2	102.0	101.1	99.2	97.9	102.3
2014	1658	101.1	101.5	102.5	102.2	101.5	99.9	98.4	102.5
2015	1338	100.4	101.9	102.5	102.6	101.0	98.8	99.2	102.8
2016	692	100.6	101.8	102.7	102.7	101.1	98.8	99.5	102.9

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	969	98.7	91.7	99.8	103.8	106.9
1981	2334	98.2	94.5	99.6	103.6	106.7
1982	4776	98.5	94.8	99.4	103.6	106.4
1983	9229	99.0	95.3	99.2	103.2	105.9
1984	13701	98.9	95.6	98.9	102.8	105.5
1985	19594	99.0	95.5	98.8	102.6	105.4
1986	26158	99.2	95.6	98.6	102.4	105.1
1987	32206	99.2	96.1	98.4	102.2	104.6
1988	36278	98.9	96.4	98.3	101.9	104.3
1989	37592	99.6	96.5	97.9	101.1	103.5
1990	34475	99.6	96.5	97.7	100.7	103.3
1991	32832	99.3	95.6	97.4	100.1	102.6
1992	32170	98.7	95.9	97.3	99.9	102.4
1993	24741	98.6	96.2	97.6	100.1	102.5
1994	17179	98.7	96.8	97.6	100.1	102.2
1995	14648	99.1	96.4	97.5	99.7	101.7
1996	10545	99.3	96.4	97.7	99.9	101.6
1997	7538	99.0	96.2	97.9	100.0	101.4
1998	5569	98.9	96.3	97.7	99.6	100.9
1999	4277	99.0	96.7	98.0	99.6	101.1
2000	3190	99.1	97.1	98.0	99.5	100.8
2001	2577	99.5	97.5	97.9	99.2	100.4
2002	2054	99.8	97.6	97.7	98.9	99.4
2003	1738	99.6	97.9	97.8	99.0	99.7
2004	1530	99.0	97.3	98.2	99.3	100.2
2005	1378	99.3	98.1	98.3	99.0	99.7
2006	1166	99.4	98.5	98.7	99.6	100.1
2007	885	99.8	98.8	98.9	99.3	100.3
2008	878	99.8	99.6	99.1	99.6	100.3
2009	733	99.8	98.9	99.3	99.6	100.2
2010	590	99.8	98.8	99.5	99.8	100.4
2011	461	100.3	99.6	99.9	100.0	100.2
2012	359	100.0	99.6	100.8	101.3	101.2
2013	335	100.2	99.1	100.6	100.8	100.8
2014	261	99.8	99.3	101.7	101.7	101.7
2015	229	99.6	99.9	102.3	102.5	102.1
2016	54	99.3	99.9	102.0	102.5	102.2

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	-205.0	-547.6	-240.8	106.2	109.9	88.0	89.3	99.7
1981	3583	-195.3	-521.8	-261.7	106.0	109.6	88.3	90.7	99.7
1982	7639	-199.1	-518.8	-267.8	105.8	109.3	87.9	90.4	99.6
1983	15861	-191.8	-493.4	-281.5	105.3	109.0	88.3	90.8	99.9
1984	27530	-200.4	-488.9	-363.1	104.9	108.9	88.6	90.9	99.8
1985	45245	-181.4	-488.7	-416.9	104.7	108.7	89.0	91.1	99.6
1986	65844	-184.2	-477.3	-454.8	104.4	108.4	89.2	91.3	99.2
1987	86066	-185.3	-460.7	-484.7	104.0	108.1	89.7	91.6	99.0
1988	112325	-186.7	-440.1	-508.6	103.7	107.4	89.8	91.6	99.1
1989	115862	-186.7	-422.1	-515.5	102.8	106.9	90.1	91.9	98.9
1990	99223	-181.9	-408.0	-505.4	102.5	106.7	90.3	92.0	98.9

1991	78152	-169.0	-370.3	-459.1	101.7	106.0	91.0	92.2	99.1
1992	62020	-157.8	-346.0	-418.7	101.5	105.7	91.4	92.5	99.3
1993	51146	-149.7	-329.9	-404.0	101.6	105.5	91.5	93.0	99.6
1994	37770	-140.6	-310.3	-377.0	101.5	105.1	91.3	93.1	99.8
1995	33403	-129.4	-285.6	-313.5	100.9	104.4	91.8	93.7	99.5
1996	25248	-119.7	-267.1	-279.8	101.0	104.1	92.3	93.8	99.7
1997	18327	-112.0	-249.7	-262.1	100.9	103.8	92.9	94.0	99.6
1998	14009	-113.5	-235.5	-268.5	100.4	103.2	93.1	94.2	99.3
1999	11001	-108.6	-218.5	-253.1	100.5	102.7	93.5	94.1	99.1
2000	8414	-96.7	-194.5	-219.4	100.3	102.3	93.8	94.8	99.3
2001	6994	-89.5	-175.6	-195.5	99.9	102.1	94.3	95.0	99.3
2002	5395	-83.6	-166.0	-177.1	99.1	102.3	94.5	95.3	99.6
2003	4827	-78.1	-154.6	-172.6	99.3	102.1	95.1	95.6	99.6
2004	4250	-66.2	-134.6	-142.6	99.8	101.7	95.5	95.8	99.5
2005	3781	-63.4	-126.0	-135.3	99.3	101.6	96.0	96.3	99.7
2006	3423	-54.6	-104.8	-105.1	99.9	101.0	96.6	96.2	99.8
2007	2975	-43.6	-89.8	-76.2	99.9	101.0	97.0	96.5	99.4
2008	2833	-35.8	-72.7	-53.1	100.0	100.7	97.1	97.1	99.6
2009	2411	-26.5	-65.7	-32.1	100.0	101.5	97.3	97.1	99.8
2010	2102	-20.9	-54.9	-14.6	100.2	101.3	97.3	97.2	99.7
2011	1768	-9.3	-40.6	16.4	100.1	101.9	97.9	97.3	99.7
2012	1644	11.7	-23.8	46.1	101.4	102.0	98.8	97.6	100.6
2013	1589	16.5	-16.6	65.9	100.9	102.3	99.1	98.3	100.6
2014	1380	32.1	-6.8	102.1	101.9	102.5	99.6	98.4	100.9
2015	1115	48.8	12.8	132.1	102.6	102.8	100.3	99.7	100.8
2016	440	56.1	11.3	157.4	102.6	102.9	99.9	100.2	101.3

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	99.2	99.8
1981	37	97.5	96.6	98.8	99.6	97.2	99.2	99.8
1982	61	97.4	96.8	98.7	99.2	97.7	98.8	100.0
1983	449	99.3	97.4	100.0	100.2	100.1	101.5	99.8
1984	588	99.1	97.2	100.0	100.4	99.5	101.3	99.8
1985	1075	99.5	97.5	100.2	100.3	100.3	101.9	99.7
1986	2174	99.5	97.5	100.3	100.2	100.3	102.0	99.6
1987	3947	98.1	96.7	99.8	98.8	99.1	100.9	99.5
1988	7507	98.4	96.3	100.3	99.9	97.9	100.7	99.5
1989	10516	99.1	96.5	100.9	100.9	97.7	101.3	99.4
1990	11391	99.4	96.5	101.2	101.2	97.7	101.4	99.4
1991	11399	100.1	97.0	101.6	101.6	98.4	101.1	100.2
1992	9642	100.3	97.2	101.7	101.7	98.4	101.2	100.4
1993	8985	99.4	97.0	101.0	100.9	97.9	101.0	100.2
1994	6390	99.4	97.0	101.4	100.5	98.1	101.0	99.6
1995	8851	99.6	97.8	101.5	100.3	98.5	100.6	99.3
1996	5149	99.8	98.3	101.3	100.3	98.8	100.4	99.3
1997	4711	99.5	98.3	101.2	100.1	98.3	100.2	99.0
1998	3946	99.6	98.4	101.3	100.4	98.1	99.8	98.6
1999	3162	98.9	97.6	101.1	100.2	97.1	99.6	98.4
2000	2409	99.8	98.7	101.4	100.3	98.1	100.3	98.7
2001	2059	99.7	98.9	101.3	100.0	98.1	100.5	98.5
2002	1711	99.7	99.2	101.1	100.0	98.0	100.6	98.4
2003	1505	99.5	98.9	100.9	100.0	97.7	100.2	98.4
2004	1340	99.8	98.8	100.9	100.7	98.2	100.0	98.4
2005	1204	99.9	98.7	101.0	100.8	98.6	100.1	98.7
2006	1045	99.7	99.0	100.4	100.5	98.6	100.2	99.1
2007	858	100.0	99.6	100.1	100.7	99.1	100.3	99.4
2008	823	100.3	100.0	100.4	100.9	99.5	99.7	99.3

2009	741	100.6	99.9	100.6	101.0	99.7	99.9	99.9
2010	575	100.4	99.9	100.2	100.7	100.0	99.9	100.2
2011	448	100.8	100.2	100.4	100.7	100.7	100.7	100.6
2012	389	100.9	100.2	100.3	100.9	100.9	100.5	100.8
2013	356	101.0	100.2	100.4	101.0	100.8	100.9	100.8
2014	310	101.3	100.4	100.6	101.3	100.9	101.5	100.8
2015	221	101.4	100.6	100.6	101.2	101.1	101.6	101.2
2016	59	101.6	100.7	100.8	101.3	101.4	101.7	100.8

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1051	97.7	101.4	97.7	101.4	97.0	100.7
1981	2880	97.6	101.5	97.6	101.5	97.0	101.0
1982	6309	97.6	101.6	97.6	101.6	97.0	100.7
1983	12860	98.0	101.6	98.0	101.6	97.3	100.9
1984	20388	98.1	101.4	98.1	101.4	97.4	100.6
1985	30040	97.9	101.3	97.9	101.3	97.1	100.5
1986	42361	97.6	100.9	97.6	100.9	96.9	100.2
1987	54976	97.4	100.8	97.4	100.8	96.9	100.4
1988	67245	97.3	100.9	97.3	100.9	97.1	100.6
1989	72439	97.4	100.7	97.4	100.7	97.2	100.4
1990	73029	97.6	100.7	97.6	100.7	97.3	100.2
1991	70000	97.9	100.8	97.9	100.8	97.6	100.4
1992	60036	98.1	100.8	98.1	100.8	97.7	100.5
1993	57709	98.5	100.9	98.5	100.9	97.9	100.8
1994	44302	99.0	100.8	99.0	100.8	98.3	100.7
1995	43258	99.3	100.4	99.3	100.4	98.5	100.2
1996	32808	99.3	100.5	99.3	100.5	98.5	100.3
1997	23910	99.4	100.3	99.4	100.3	98.4	100.3
1998	17800	99.3	99.9	99.3	99.9	98.5	99.7
1999	13674	99.4	99.7	99.4	99.7	98.3	99.5
2000	10110	99.0	100.1	99.0	100.1	98.4	100.0
2001	7861	99.2	100.2	99.2	100.2	98.4	100.1
2002	6234	99.7	99.9	99.7	99.9	99.4	100.5
2003	5327	99.5	100.2	99.5	100.2	99.3	99.8
2004	4549	99.9	99.7	99.9	99.7	99.6	99.9
2005	3920	99.6	100.1	99.6	100.1	99.0	100.2
2006	3324	99.7	100.0	99.7	100.0	99.0	99.5
2007	2814	99.8	99.4	99.8	99.4	99.5	100.4
2008	2761	99.5	99.7	99.5	99.7	99.5	100.5
2009	2448	99.0	100.3	99.0	100.3	99.5	100.2
2010	2079	99.5	100.0	99.5	100.0	100.3	101.1
2011	1770	99.0	100.1	99.0	100.1	100.0	100.1
2012	1640	99.9	100.7	99.9	100.7	101.1	101.3
2013	1560	100.2	100.6	100.2	100.6	101.6	101.9
2014	1359	100.1	100.8	100.1	100.8	101.5	101.5
2015	968	100.1	100.3	100.1	100.3	101.0	100.1
2016	525	100.5	101.0	100.5	101.0	101.1	100.9
2017	236	100.6	101.4	100.6	101.4	100.9	101.3
2018	141	101.2	101.6	101.2	101.6	101.4	101.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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1980	1167	100.0	104.2	99.7	86.1	91.5	89.9
1981	2831	99.4	103.9	100.2	89.5	95.3	94.7
1982	6139	98.4	104.0	101.1	91.1	97.4	96.8
1983	15243	98.5	103.6	101.0	94.5	100.3	99.0
1984	23051	98.5	103.4	101.1	94.9	100.8	99.6
1985	31977	99.0	103.0	100.5	94.3	100.7	98.8
1986	45422	98.8	102.9	100.6	94.5	101.2	98.9
1987	53501	98.8	102.4	100.5	95.2	101.4	98.9
1988	58357	98.8	102.3	100.5	95.5	101.0	98.4
1989	54181	98.5	101.8	100.7	95.0	101.0	98.3
1990	46693	98.5	101.3	100.8	94.6	101.1	98.4
1991	41773	98.8	100.8	100.5	94.8	100.9	98.4
1992	33988	99.0	100.4	100.3	95.1	100.7	98.5
1993	26092	99.4	100.6	100.1	95.0	101.1	98.8
1994	18558	99.1	101.1	100.5	95.2	100.2	98.0
1995	16267	98.9	101.2	100.9	94.5	99.1	97.4
1996	12257	98.8	100.4	101.0	94.3	99.9	97.4
1997	8658	98.4	100.6	101.4	94.4	99.2	96.9
1998	6232	99.7	98.6	100.3	93.2	102.7	98.1
1999	4846	97.1	102.8	103.0	96.3	97.2	97.5
2000	3738	97.7	102.2	102.6	95.9	97.1	98.0
2001	3174	97.6	101.9	102.9	94.5	99.0	98.1
2002	2602	99.8	101.9	100.5	96.7	98.3	98.4
2003	2338	98.8	97.2	101.5	95.3	106.4	97.6
2004	2131	97.9	94.4	102.1	96.6	110.4	98.1
2005	2082	98.7	99.8	100.7	96.8	101.0	99.8
2006	1822	97.5	101.2	102.3	96.5	98.8	97.6
2007	1666	98.1	104.2	101.3	98.4	93.6	98.7
2008	1642	99.5	100.0	100.6	97.4	100.2	98.5
2009	1442	99.9	94.9	100.5	97.8	107.7	99.8
2010	1226	97.2	105.3	102.4	96.9	93.5	97.4
2011	1043	99.3	99.8	100.7	98.3	100.6	99.0
2012	961	99.6	100.0	100.4	99.2	100.8	99.4
2013	857	99.6	100.2	100.5	99.6	99.9	98.7
2014	690	99.8	100.0	100.4	99.3	99.3	98.3
2015	438	100.1	99.7	100.1	99.2	99.8	98.4
2016	202	100.4	99.8	99.9	99.9	100.4	99.0
2017	112	101.7	99.3	98.8	100.0	101.6	99.8
2018	62	101.9	97.8	98.4	100.4	102.5	100.1

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	1248	105.0	112.5	92.9	100.9	110.6	95.6	103.9	97.4	111.4	96.7	103.5
1981	3037	105.1	112.9	92.9	101.2	110.9	95.6	104.0	97.2	111.5	96.6	103.7
1982	6512	105.0	112.7	93.5	101.0	110.8	95.8	104.0	97.3	111.1	97.3	103.2
1983	12920	105.1	112.3	93.9	101.1	110.8	96.1	104.2	97.4	110.7	97.6	103.3
1984	19968	104.8	112.1	94.0	100.9	110.5	96.1	103.9	97.1	110.4	97.4	103.2
1985	29309	104.4	111.9	94.0	100.8	110.1	96.2	103.7	96.8	110.2	97.2	103.0
1986	40488	104.5	111.6	94.3	100.7	110.1	96.2	103.9	96.8	110.0	97.2	103.0
1987	51002	104.6	110.9	95.3	100.5	110.1	96.3	104.0	97.0	109.4	97.7	102.5
1988	61482	104.2	109.8	95.7	100.1	109.4	96.4	103.5	97.6	108.7	97.4	102.1
1989	65343	104.0	109.1	95.9	100.1	108.8	96.4	103.4	97.6	108.3	97.1	102.0
1990	64772	104.1	108.8	96.0	100.0	108.9	96.2	103.5	97.7	108.0	97.1	101.7
1991	60238	103.9	108.3	97.0	100.3	108.0	96.9	103.5	97.8	107.4	97.7	102.1
1992	55291	103.6	107.9	97.3	100.4	107.4	97.3	103.2	97.9	107.1	98.0	102.2
1993	47078	103.5	107.5	97.3	100.2	107.1	97.4	103.1	98.0	107.0	97.8	102.3
1994	35723	103.3	106.7	97.8	99.5	107.0	97.3	102.8	98.4	106.7	97.9	101.8

1995	32279	102.8	106.3	97.9	99.4	106.3	97.7	102.2	98.6	106.2	98.0	101.2
1996	26339	102.6	106.0	97.9	99.5	105.9	97.6	102.1	98.5	106.1	97.8	101.4
1997	21905	102.3	105.5	98.1	99.4	105.3	97.8	101.8	98.8	105.4	98.5	101.0
1998	15711	102.4	104.9	98.6	99.4	105.0	97.9	101.7	99.3	105.1	97.7	102.1
1999	13238	102.2	104.6	98.8	99.6	104.4	98.1	101.6	99.3	104.5	98.3	102.1
2000	9630	101.9	104.2	98.8	99.5	104.1	98.6	101.3	99.6	104.1	98.5	101.0
2001	7535	101.7	104.0	98.9	99.6	103.4	99.1	100.7	99.6	106.2	99.6	102.7
2002	6527	101.3	103.7	99.0	99.3	103.6	99.1	100.7	99.7	104.3	102.3	98.4
2003	5561	101.3	103.0	99.3	99.4	102.9	99.0	100.5	99.9	104.7	99.4	101.5
2004	4944	101.0	102.8	98.9	99.5	102.5	99.1	100.5	99.6	105.4	96.3	99.5
2005	4126	101.3	102.6	99.5	99.5	102.4	99.5	100.4	99.7	103.9	98.5	104.5
2006	3444	100.8	102.3	99.3	99.7	101.7	99.7	100.1	99.6	105.2	96.4	101.9
2007	2654	100.5	102.1	99.6	99.5	101.6	99.7	100.1	100.0	102.2	98.0	100.9
2008	2348	100.5	101.6	99.6	99.6	101.5	99.8	100.0	99.8	104.5	96.5	99.7
2009	2040	100.4	102.3	98.8	100.4	101.3	99.7	100.2	99.4	104.1	95.4	99.7
2010	1471	99.7	102.3	98.7	99.5	101.8	99.5	100.0	99.0	97.7	111.0	94.3
2011	926	101.6	103.3	98.2	100.0	102.4	98.8	101.2	98.7	108.7	101.1	100.3
2012	519	101.9	103.6	98.2	100.3	102.7	98.4	101.6	98.6	108.7	100.8	100.4
2013	447	101.8	102.4	98.5	100.4	102.9	98.5	101.7	99.3	103.8	98.3	101.0
2014	321	101.7	102.2	98.9	100.1	102.6	98.6	101.9	98.8	103.3	98.9	100.9
2015	258	101.6	101.8	98.8	99.9	102.7	98.4	101.8	98.8	102.3	98.8	100.4
2016	59	101.6	102.7	98.8	100.2	102.9	98.7	101.5	98.9	103.5	99.1	100.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1074	98.8	100.0	98.3
1981	2929	98.6	100.0	98.3
1982	6402	98.6	99.9	98.3
1983	13077	98.7	100.0	98.1
1984	20790	98.4	99.8	98.0
1985	30835	97.9	99.5	97.8
1986	43549	97.5	99.2	97.5
1987	56699	97.7	99.4	97.9
1988	69632	98.1	99.6	98.3
1989	75013	97.8	99.4	98.0
1990	75572	97.8	99.4	98.1
1991	70670	97.9	99.6	97.9
1992	59246	98.0	99.9	98.0
1993	61094	98.3	100.2	98.2
1994	61237	98.4	100.2	98.4
1995	50289	98.9	100.4	98.6
1996	39204	99.1	100.5	98.6
1997	30180	99.2	100.4	98.9
1998	23005	99.2	100.3	99.0
1999	18006	98.9	99.8	99.1
2000	13762	99.4	100.1	99.3
2001	10703	99.2	99.8	99.4
2002	8769	99.0	100.1	99.8
2003	7713	99.3	100.2	99.3
2004	6705	99.4	100.1	99.4
2005	5624	99.4	100.3	99.5
2006	4803	98.8	99.7	99.7
2007	4165	99.3	100.0	99.5
2008	4193	99.1	100.2	99.0
2009	3789	98.5	99.4	99.3
2010	3133	99.8	100.8	99.3
2011	2639	99.0	100.2	99.1
2012	2385	99.3	100.3	99.1

2013	2257	99.6	100.7	98.8
2014	2058	100.0	100.9	99.4
2015	1833	100.3	101.2	99.3
2016	1516	100.2	101.5	99.8
2017	1072	100.1	101.2	99.9
2018	697	99.9	101.2	100.0

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	6992	-1959.4	-8929.0	-301.7	-293.5
2002	5405	-1819.4	-8249.6	-282.0	-271.7
2003	4839	-1751.2	-7985.6	-268.7	-262.8
2004	4262	-1517.3	-7015.5	-231.2	-228.2
2005	3802	-1447.9	-6671.3	-221.1	-217.6
2006	3440	-1198.7	-5705.5	-182.9	-179.6
2007	2981	-973.5	-4652.7	-148.1	-146.0
2008	2843	-771.1	-3711.5	-118.0	-115.2
2009	2433	-615.4	-3202.6	-89.8	-93.4
2010	2112	-461.7	-2577.3	-65.9	-70.3
2011	1792	-210.7	-1555.4	-22.1	-34.8
2012	1666	42.4	-733.7	24.9	0.1
2013	1615	200.7	-99.2	51.9	22.7
2014	1402	472.3	1121.0	97.3	61.6
2015	1141	745.3	2124.2	146.3	99.7
2016	470	885.7	2480.3	177.5	116.8
2017	41	1610.3	4644.6	303.5	221.8
2018	37	1562.1	5129.6	280.2	220.4

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

Jaar	Aantal	Eff	Int	Gewen
1980	93	96.6	96.3	102.4
1981	292	95.9	95.9	102.8
1982	340	96.4	96.2	102.6
1983	811	97.0	96.5	102.4
1984	1214	97.2	96.1	102.4
1985	1486	97.7	96.0	102.1
1986	2106	97.9	95.9	102.0
1987	3457	97.9	95.0	102.1
1988	4782	97.7	94.9	102.6
1989	4868	98.2	95.1	102.7
1990	4539	98.0	95.4	102.8
1991	4155	97.9	96.1	101.3
1992	3669	97.8	96.4	100.8
1993	2963	97.7	96.5	101.0
1994	2068	97.7	96.4	101.4
1995	1957	97.9	96.9	100.8
1996	1418	98.2	97.2	101.0
1997	1143	98.0	97.2	101.2
1998	856	98.2	97.5	100.9
1999	737	98.3	97.5	101.1
2000	611	98.1	97.8	101.0
2001	564	98.4	97.3	101.6

2002	546	98.3	97.5	100.5
2003	483	98.6	98.0	100.0
2004	478	99.0	96.9	100.9
2005	481	98.5	98.4	100.7
2006	438	99.3	97.6	101.6
2007	436	99.4	97.9	100.5
2008	456	99.1	99.1	100.4
2009	495	98.3	98.3	99.4
2010	519	99.1	98.5	100.1
2011	427	99.1	100.1	100.5
2012	403	98.6	101.2	100.9
2013	397	99.1	102.5	100.2
2014	343	99.3	103.5	100.4
2015	273	98.1	103.8	99.9
2016	137	97.9	104.5	99.8

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	97.0	101.8	17	-4.4	0	0.0
1981	3583	97.1	102.7	41	-4.5	0	0.0
1982	7639	97.2	102.7	29	-4.6	0	0.0
1983	15861	97.3	102.2	33	-3.9	0	0.0
1984	27530	97.0	101.8	54	-3.8	0	0.0
1985	45245	96.8	101.9	57277	-4.9	0	0.0
1986	65844	96.8	102.0	77990	-4.7	0	0.0
1987	86066	97.2	101.6	94312	-4.4	0	0.0
1988	112325	97.4	101.2	115304	-4.0	0	0.0
1989	115862	97.4	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	97.5	100.9	51219	-3.1	0	0.0
1994	37771	98.4	100.5	37782	-3.0	0	0.0
1995	33403	98.6	100.7	33418	-2.9	0	0.0
1996	25248	98.9	100.8	25263	-2.7	0	0.0
1997	18327	98.8	100.7	18347	-2.6	0	0.0
1998	14009	98.9	100.0	14021	-2.5	0	0.0
1999	11001	98.7	99.7	11017	-2.3	0	0.0
2000	8415	99.0	99.3	8426	-2.1	0	0.0
2001	6994	99.0	99.2	7001	-1.9	2717	95.1
2002	5395	99.3	99.3	5402	-1.9	2137	94.8
2003	4827	99.1	98.8	4835	-1.7	1827	95.4
2004	4250	99.4	98.6	4258	-1.6	1625	95.1
2005	3781	99.3	98.8	3796	-1.4	1473	96.0
2006	3423	99.6	99.1	3430	-1.1	1237	97.3
2007	2975	100.0	99.5	2978	-1.0	977	97.0
2008	2833	100.4	99.1	2841	-0.8	945	98.0
2009	2412	100.5	99.6	2421	-0.8	810	97.7
2010	2102	100.7	99.9	2106	-0.7	660	97.5
2011	1768	100.7	100.0	1773	-0.5	504	98.2
2012	1644	100.6	100.1	1647	-0.2	397	99.0
2013	1589	101.2	100.0	1592	-0.2	384	99.3
2014	1380	102.0	100.1	1386	-0.1	307	99.1
2015	1115	102.4	99.9	1126	0.1	264	99.2
2016	440	102.2	99.2	458	0.2	64	99.9
2017	0	0.0	0.0	41	0.6	0	0.0
2018	0	0.0	0.0	38	0.7	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	-806.9	-22.3	-44.6	-46.4	25.1	-26.4	-16.7	-243.6
1981	27401	-714.9	-20.2	-39.5	-42.2	21.2	-23.0	-16.5	-217.0
1982	48099	-661.8	-18.9	-38.3	-39.8	19.1	-24.0	-16.4	-208.7
1983	64049	-563.6	-15.4	-35.8	-35.3	17.5	-25.4	-16.2	-189.6
1984	75430	-576.3	-14.3	-34.9	-35.9	20.7	-23.0	-16.2	-184.2
1985	74740	-610.2	-13.6	-34.4	-37.5	24.7	-20.1	-16.3	-180.9
1986	70716	-578.0	-10.9	-31.6	-36.0	27.0	-17.2	-16.2	-163.4
1987	57316	-508.6	-8.4	-29.2	-32.8	25.6	-17.1	-16.1	-147.2
1988	46273	-408.5	-5.7	-26.4	-28.3	22.2	-18.3	-15.9	-128.8
1989	34931	-347.9	-2.5	-24.6	-25.5	22.7	-18.9	-15.8	-113.8
1990	21993	-293.3	-1.5	-22.7	-23.0	20.2	-18.7	-15.7	-103.0
1991	12812	-189.2	1.3	-19.2	-18.3	17.1	-19.0	-15.5	-81.4
1992	7384	-33.6	4.6	-15.0	-11.2	11.0	-20.9	-15.2	-55.2
1993	5602	33.9	5.5	-12.6	-8.1	7.6	-20.8	-15.1	-42.7
1994	3742	165.7	8.4	-9.0	-2.1	3.1	-22.3	-14.9	-19.8
1995	2793	205.6	11.5	-6.8	-0.3	5.1	-21.1	-14.9	-3.8
1996	2076	276.9	13.4	-3.8	3.0	3.2	-20.3	-14.7	13.3
1997	1320	277.5	15.2	-2.9	3.0	5.7	-18.9	-14.7	21.0
1998	994	303.0	14.4	-2.0	4.2	2.7	-19.0	-14.7	23.2
1999	672	376.5	18.1	1.2	7.5	3.3	-18.0	-14.6	45.1
2000	527	433.5	20.2	3.0	10.3	2.9	-18.2	-14.3	57.8
2001	398	415.6	20.0	2.4	11.8	3.6	-18.2	-10.7	55.4
2002	321	491.3	21.2	4.6	16.6	0.3	-18.8	-8.7	68.5
2003	259	483.9	21.3	4.3	15.9	0.9	-19.1	-9.2	67.3
2004	273	502.2	22.7	6.3	16.4	1.2	-17.3	-9.8	78.6
2005	216	534.1	19.8	6.9	17.9	-4.0	-17.7	-9.7	75.2
2006	251	564.1	23.3	8.2	18.9	-1.2	-17.6	-10.2	88.2
2007	239	710.8	23.7	12.3	24.5	-10.1	-18.9	-11.6	107.8
2008	226	625.4	22.7	9.0	21.1	-6.2	-19.3	-11.0	90.7
2009	187	632.7	22.5	10.6	19.7	-7.2	-17.7	-13.5	96.6
2010	152	782.0	29.9	14.8	27.3	-5.6	-18.8	-12.0	131.7
2011	173	692.9	30.0	14.0	23.8	-0.3	-15.7	-11.5	127.7
2012	190	781.9	31.1	15.5	26.9	-4.3	-18.2	-12.7	136.9
2013	218	809.9	31.0	17.4	27.5	-6.0	-16.9	-13.7	144.6
2014	230	907.4	36.3	21.7	32.2	-4.7	-15.6	-13.2	175.0
2015	172	802.1	31.7	18.8	28.0	-4.6	-14.5	-12.4	152.0
2016	70	841.3	33.2	20.2	30.0	-4.6	-14.2	-11.9	161.4

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	90.7	94.2	101.1	93.3	87.6	95.6
1981	42156	94.8	91.6	95.0	101.6	94.2	87.5	95.7
1982	72128	95.4	91.9	95.7	102.2	94.4	87.5	96.3
1983	87084	95.7	92.1	96.1	102.7	93.9	87.4	96.5
1984	77595	95.7	92.1	96.4	103.0	93.7	87.3	96.5
1985	60478	95.7	92.0	96.7	103.1	93.7	87.3	96.5
1986	46449	96.0	92.1	96.9	103.4	93.5	87.1	96.0
1987	30648	97.0	91.7	97.3	104.0	92.9	87.4	96.6

1988	20106	97.7	91.8	98.2	104.9	92.2	87.4	97.4
1989	13413	98.2	92.1	98.8	105.4	91.8	87.9	97.6
1990	8377	98.6	92.1	98.9	105.7	91.5	88.0	97.4
1991	4925	99.2	92.2	99.1	105.9	91.2	87.9	97.1
1992	2917	99.7	91.7	99.3	106.2	90.5	88.2	97.2
1993	1960	99.9	91.7	99.2	106.1	90.4	88.2	97.0
1994	1247	100.3	91.4	99.7	106.9	89.8	88.7	97.4
1995	849	100.8	91.3	99.9	107.0	89.9	88.6	97.4
1996	572	101.1	91.3	99.9	107.5	89.8	88.7	97.1
1997	357	101.0	91.3	99.9	107.5	90.0	88.6	97.7
1998	256	101.3	91.4	99.9	107.3	90.3	88.3	97.6
1999	143	101.6	91.6	100.6	108.0	90.2	89.1	98.2
2000	131	102.0	91.7	100.5	108.0	90.4	89.1	99.2
2001	112	101.8	91.5	100.1	107.5	90.3	89.0	99.7
2002	111	101.8	91.1	99.7	107.3	90.8	89.4	99.5
2003	67	102.1	91.8	100.4	107.6	90.7	88.8	99.7
2004	71	101.9	93.1	100.6	107.4	91.8	89.5	99.1
2005	59	102.1	92.3	100.6	107.7	91.2	88.8	101.1
2006	50	102.8	92.4	101.1	108.1	90.4	89.1	99.8
2007	41	101.8	92.2	100.3	107.5	90.8	89.1	100.7
2008	35	103.3	92.3	101.9	108.9	89.9	89.2	101.7
2009	20	104.0	93.0	102.2	109.0	90.1	89.3	100.7
2010	15	102.7	92.4	101.3	108.9	89.9	89.3	101.5
2011	23	102.0	91.6	101.6	108.6	89.6	88.6	100.6
2012	25	104.6	92.1	102.4	109.1	89.8	89.1	100.4
2013	29	104.9	92.6	101.8	108.7	90.3	89.6	101.6
2014	43	103.7	92.6	100.8	107.6	91.4	88.9	99.7
2015	28	102.8	92.8	100.4	107.3	92.6	89.9	99.5

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

Jaar	Aantal	BA	BZ	KH	BG
1980	24161	92.8	100.2	89.7	90.2
1981	42156	93.4	100.2	89.9	91.1
1982	72128	93.5	100.5	89.9	91.1
1983	87084	93.8	100.6	90.5	91.2
1984	77595	93.6	100.4	90.6	91.2
1985	60478	93.7	100.2	90.5	91.3
1986	46449	94.1	100.0	90.8	91.7
1987	30648	94.4	100.5	90.8	92.0
1988	20106	94.6	101.2	90.3	92.1
1989	13413	94.6	101.7	90.2	92.3
1990	8377	94.9	101.7	90.3	92.6
1991	4925	94.7	101.7	90.1	92.9
1992	2917	94.4	102.1	90.0	93.2
1993	1960	95.0	102.2	90.5	93.6
1994	1247	95.1	102.0	90.6	93.9
1995	849	95.5	101.9	91.3	94.5
1996	572	95.5	102.2	91.2	94.7
1997	357	95.6	102.3	91.3	94.8
1998	256	95.4	102.3	91.5	94.8
1999	143	95.8	102.3	91.8	95.1
2000	131	96.5	102.2	91.5	95.3
2001	112	96.7	101.2	92.2	95.6
2002	111	96.8	100.8	92.3	95.9
2003	67	96.3	101.2	91.9	95.8
2004	71	97.3	100.4	92.7	96.7
2005	59	97.4	102.1	91.9	96.4
2006	50	97.4	101.5	92.3	96.6

2007	41	96.6	101.6	91.3	95.5
2008	35	97.9	101.0	93.1	97.4
2009	20	97.0	101.4	92.5	96.3
2010	15	96.7	101.3	93.1	96.1
2011	23	97.5	101.2	92.5	97.3
2012	25	97.9	101.2	93.8	97.4
2013	29	98.1	100.4	94.5	97.8
2014	43	98.2	100.5	94.1	97.9
2015	28	99.2	99.6	94.7	99.5

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	96.2	98.2	102.3	99.4	97.5	95.0
1981	42156	101.1	96.2	98.3	102.2	99.5	97.9	95.1
1982	72128	101.1	96.4	98.3	102.0	99.7	97.8	95.6
1983	87084	100.9	96.9	98.6	101.8	100.5	98.3	95.8
1984	77595	100.9	96.8	98.6	101.5	101.2	98.5	96.2
1985	60478	100.9	96.6	98.7	101.6	101.7	98.5	96.1
1986	46449	100.9	96.7	98.7	101.7	102.1	98.5	96.0
1987	30648	101.2	97.5	98.3	101.9	102.6	99.2	96.8
1988	20106	101.7	98.8	98.0	101.6	103.0	99.6	97.3
1989	13413	102.0	99.4	98.0	101.7	103.0	99.8	97.5
1990	8377	102.2	99.7	97.7	102.1	103.1	100.4	98.0
1991	4925	102.4	99.6	98.1	102.4	103.8	100.5	98.2
1992	2917	102.4	99.8	98.5	102.6	104.8	101.3	99.1
1993	1960	102.2	99.8	98.5	102.6	105.6	101.6	99.2
1994	1247	102.3	100.0	98.9	102.4	105.8	101.7	99.8
1995	849	102.6	100.4	99.1	102.8	106.0	101.9	100.2
1996	572	103.0	100.6	98.8	103.1	106.3	102.4	100.4
1997	357	103.5	101.1	98.5	103.5	106.2	102.6	100.9
1998	256	104.0	101.5	98.3	104.0	106.1	102.6	101.0
1999	143	103.3	101.5	98.6	103.2	106.3	102.6	101.0
2000	131	104.1	102.1	97.5	104.3	106.7	102.8	101.7
2001	112	104.0	103.3	98.1	104.4	106.0	103.0	102.0
2002	111	104.2	102.7	98.1	104.4	106.5	102.7	101.6
2003	67	104.4	104.0	97.1	105.1	106.5	103.7	102.7
2004	71	104.8	103.9	97.4	104.9	106.1	103.6	102.2
2005	59	104.2	104.5	97.5	104.2	106.2	103.9	102.9
2006	50	103.9	104.3	98.5	104.1	107.0	104.3	103.0
2007	41	103.9	103.7	97.6	104.5	106.4	103.9	102.6
2008	35	103.9	105.1	97.4	104.1	107.7	104.7	103.7
2009	20	104.2	103.5	98.5	104.4	108.2	104.0	102.8
2010	15	104.6	105.1	97.5	104.9	107.0	104.2	103.6
2011	23	104.3	104.0	98.7	104.0	108.2	104.4	103.2
2012	25	105.5	105.6	97.8	106.2	108.5	105.6	105.0
2013	29	104.2	105.0	97.7	105.3	108.1	105.0	103.8
2014	43	103.9	105.3	97.5	104.9	107.7	104.3	103.4
2015	28	104.4	105.4	97.6	104.8	107.2	103.8	103.0

Tabel: 53 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	24161	86.2	93.2	101.1	88.6	94.3	89.4

1981	42156	86.7	94.7	101.3	89.6	95.1	90.4
1982	72128	87.4	95.6	101.2	89.6	95.1	90.7
1983	87084	87.6	95.7	101.5	89.8	94.8	91.0
1984	77595	87.7	95.9	101.6	89.7	94.7	91.1
1985	60478	87.7	96.0	101.8	89.8	94.7	91.3
1986	46449	87.5	96.1	102.0	90.3	94.4	91.6
1987	30648	87.9	96.1	102.4	90.6	93.9	92.1
1988	20106	88.7	96.5	102.7	90.8	93.5	92.7
1989	13413	89.3	96.7	103.0	90.8	93.3	93.0
1990	8377	89.3	96.7	103.3	91.2	93.0	93.3
1991	4925	89.2	96.6	103.7	91.3	93.0	93.6
1992	2917	89.3	96.2	104.1	91.4	92.5	93.9
1993	1960	89.2	96.0	104.4	92.0	92.4	94.2
1994	1247	89.7	96.1	104.4	92.3	91.9	94.6
1995	849	89.7	96.2	104.6	92.9	92.3	95.1
1996	572	89.6	96.4	105.1	93.1	91.9	95.4
1997	357	89.8	96.6	105.3	93.3	92.2	95.7
1998	256	89.6	96.7	105.7	93.2	92.6	95.8
1999	143	90.7	97.3	105.2	93.7	92.4	96.2
2000	131	91.0	97.6	106.0	93.8	92.7	96.8
2001	112	91.1	97.3	105.8	94.0	92.8	96.9
2002	111	91.0	97.4	106.0	94.1	93.1	96.9
2003	67	91.2	97.6	106.4	94.1	93.4	97.2
2004	71	91.9	98.6	106.5	95.3	94.9	98.3
2005	59	92.1	98.6	105.9	95.1	94.2	97.9
2006	50	91.8	98.0	106.1	95.2	93.6	97.9
2007	41	91.9	98.1	106.0	94.1	94.1	97.3
2008	35	93.1	98.7	106.6	96.3	93.8	99.2
2009	20	92.8	98.8	106.7	95.0	93.8	98.4
2010	15	93.0	98.7	106.5	95.1	93.1	98.5
2011	23	91.7	97.6	106.7	95.9	92.6	98.5
2012	25	92.4	98.3	107.9	96.3	93.5	99.8
2013	29	93.2	98.8	107.2	96.6	94.1	99.8
2014	43	91.7	98.4	106.7	96.5	94.8	99.0
2015	28	92.1	99.1	106.6	98.2	95.5	100.0

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	45280	103.4	102.6	105.1	103.4	103.9	103.2	93.7	104.5
1981	79888	102.7	102.7	104.6	103.2	103.2	102.5	94.2	104.1
1982	139251	102.3	102.6	104.3	102.9	102.9	102.3	94.6	103.8
1983	173155	102.4	102.1	104.0	102.4	102.6	102.1	95.1	103.4
1984	165469	102.6	101.8	103.9	102.3	102.7	101.9	95.4	103.3
1985	135178	102.6	101.6	103.7	102.1	102.5	101.7	95.2	103.1
1986	113760	102.3	101.4	103.2	101.8	102.3	101.2	95.4	102.7
1987	85724	102.1	101.3	102.8	101.5	102.1	102.0	96.3	102.4
1988	59306	101.8	100.6	102.2	100.8	101.8	102.4	97.0	101.6
1989	42241	101.3	100.1	101.6	100.2	101.2	101.9	98.1	101.0
1990	27233	100.8	100.1	101.3	100.1	101.0	101.8	98.5	100.8
1991	16269	100.8	99.8	100.9	99.7	100.8	102.0	98.8	100.4
1992	9523	100.5	99.6	100.6	99.4	100.7	102.4	99.1	100.0
1993	6982	100.8	99.3	100.6	99.2	101.0	102.9	99.4	99.9
1994	4735	100.3	99.0	100.1	98.8	100.7	102.7	100.0	99.4
1995	3470	100.2	98.7	99.6	98.3	100.5	102.6	100.0	98.9
1996	2551	99.8	98.5	99.3	98.1	100.4	102.9	100.7	98.6
1997	1686	99.8	98.4	99.1	98.0	100.2	102.5	100.6	98.4
1998	1252	99.7	98.5	99.0	97.9	100.0	102.3	100.7	98.3
1999	839	99.4	98.3	98.6	97.6	99.7	102.0	100.8	98.0

2000	656	99.5	98.3	98.6	97.7	99.7	101.6	100.7	98.0
2001	508	99.6	98.1	98.6	97.5	99.6	101.6	100.9	97.9
2002	419	99.6	98.1	98.5	97.5	99.5	101.3	100.6	97.9
2003	366	99.8	98.1	98.7	97.7	99.8	101.7	100.7	98.0
2004	403	100.2	97.9	98.8	97.7	99.9	101.6	100.2	98.1
2005	313	99.9	97.6	98.4	97.3	99.5	101.4	100.6	97.7
2006	338	99.9	97.7	98.5	97.3	99.6	101.2	100.1	97.7
2007	335	100.1	97.2	98.2	97.0	99.6	101.4	100.7	97.4
2008	334	100.4	97.0	98.2	96.9	99.6	101.4	100.4	97.3
2009	298	100.2	97.4	98.4	97.2	99.9	101.5	101.0	97.7
2010	244	100.2	97.7	98.7	97.5	100.1	101.5	101.5	98.0
2011	293	100.2	98.0	98.8	97.9	100.0	101.1	100.9	98.2
2012	299	100.2	97.8	98.8	97.7	99.9	100.9	100.2	98.1
2013	284	100.2	98.0	98.8	97.9	100.0	100.9	100.8	98.2
2014	299	100.0	97.5	98.4	97.4	99.7	100.8	100.9	97.7
2015	221	100.3	97.9	98.8	97.8	99.9	100.7	100.7	98.1
2016	125	100.4	98.1	99.0	98.1	100.3	101.0	100.9	98.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	9428	96.7	90.5	100.3	104.7	105.9
1981	16568	96.3	91.6	99.7	104.2	105.4
1982	27795	96.4	92.0	99.4	103.8	104.7
1983	33955	96.8	92.1	99.1	103.4	104.3
1984	32318	97.1	93.0	98.9	103.0	103.9
1985	26443	97.1	93.4	98.9	102.9	104.0
1986	22686	97.3	94.1	98.7	102.6	103.6
1987	17014	97.0	95.1	98.7	102.6	103.4
1988	12089	96.9	95.6	98.8	102.5	103.2
1989	8708	97.6	95.5	98.2	101.6	102.4
1990	6044	97.6	95.6	98.0	101.2	102.3
1991	4080	97.2	95.2	97.8	100.8	101.7
1992	2918	96.7	95.4	97.7	100.5	101.4
1993	1934	96.6	96.1	97.9	100.7	101.6
1994	1243	96.6	95.8	97.9	100.5	101.2
1995	812	97.1	96.1	97.9	100.4	101.0
1996	546	97.4	96.2	98.0	100.5	100.8
1997	336	97.3	96.0	98.2	100.7	101.0
1998	244	97.3	96.7	98.1	100.4	100.9
1999	137	97.0	96.1	97.8	100.0	100.5
2000	123	98.3	97.4	97.9	100.0	100.5
2001	91	98.5	98.0	98.1	100.0	100.6
2002	95	98.0	97.3	98.2	100.0	100.4
2003	64	98.7	98.2	98.1	99.4	100.2
2004	62	98.1	98.0	98.3	99.9	100.4
2005	44	98.5	96.2	98.4	99.8	100.6
2006	43	97.6	99.2	99.0	100.1	100.8
2007	32	97.4	99.1	98.1	99.1	100.0
2008	31	98.8	98.7	98.5	99.1	100.0
2009	12	99.4	91.6	98.6	99.2	100.0
2010	13	98.5	99.5	99.1	100.0	100.2
2011	22	98.3	94.4	99.3	99.7	99.8
2012	19	97.7	98.7	99.2	99.7	100.3
2013	24	99.0	99.4	99.7	100.2	100.4
2014	42	99.8	95.5	99.2	100.0	99.8
2015	27	98.7	99.8	99.7	100.4	100.4

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	14661	-83.9	-243.6	6.7	106.0	104.5	101.1	88.6	98.1
1981	27398	-79.4	-217.0	-24.8	105.5	104.1	101.3	89.6	98.2
1982	48086	-84.6	-208.7	-39.4	104.9	103.8	101.2	89.6	97.9
1983	64047	-82.7	-189.6	-68.2	104.4	103.4	101.5	89.8	97.9
1984	75426	-98.4	-184.2	-171.7	103.9	103.3	101.6	89.7	97.8
1985	74738	-104.0	-180.9	-241.8	103.9	103.1	101.8	89.8	97.7
1986	70713	-101.9	-163.4	-275.9	103.6	102.7	102.0	90.3	97.4
1987	57313	-94.8	-147.2	-301.7	103.4	102.4	102.4	90.6	97.1
1988	46271	-91.1	-128.8	-304.0	103.3	101.6	102.7	90.8	97.1
1989	34930	-93.2	-113.8	-314.2	102.3	101.0	103.0	90.8	96.9
1990	21992	-88.7	-103.0	-302.6	102.0	100.8	103.3	91.2	96.8
1991	12812	-83.3	-81.4	-274.3	101.5	100.4	103.7	91.3	97.3
1992	7382	-73.1	-55.2	-225.6	101.1	100.0	104.1	91.4	97.7
1993	5602	-62.9	-42.7	-208.9	101.4	99.9	104.4	92.0	97.9
1994	3742	-52.8	-19.8	-175.7	101.0	99.4	104.4	92.3	98.3
1995	2793	-45.1	-3.8	-132.9	100.8	98.9	104.6	92.9	98.2
1996	2076	-35.6	13.3	-97.5	100.8	98.6	105.1	93.1	98.2
1997	1320	-31.9	21.0	-96.9	100.9	98.4	105.3	93.3	98.3
1998	994	-33.0	23.2	-101.6	100.7	98.3	105.7	93.2	98.2
1999	672	-25.5	45.1	-87.1	100.3	98.0	105.2	93.7	98.2
2000	527	-21.3	57.8	-74.2	100.3	98.0	106.0	93.8	98.3
2001	398	-20.6	55.4	-63.2	100.4	97.9	105.8	94.0	98.2
2002	321	-16.3	68.5	-53.0	100.2	97.9	106.0	94.1	98.2
2003	259	-17.8	67.3	-57.2	99.8	98.0	106.4	94.1	98.3
2004	273	-8.4	78.6	-50.1	100.2	98.1	106.5	95.3	98.4
2005	216	-10.5	75.2	-40.7	100.3	97.7	105.9	95.1	98.8
2006	251	1.3	88.2	-4.7	100.6	97.7	106.1	95.2	99.0
2007	239	-0.4	107.8	-26.3	99.6	97.4	106.0	94.1	98.9
2008	226	-4.7	90.7	-24.8	99.5	97.3	106.6	96.3	99.0
2009	187	2.9	96.6	-37.2	99.6	97.7	106.7	95.0	99.4
2010	152	23.1	131.7	49.0	100.2	98.0	106.5	95.1	99.2
2011	173	21.4	127.7	53.6	99.7	98.2	106.7	95.9	99.4
2012	190	27.4	136.9	89.6	100.1	98.1	107.9	96.3	99.3
2013	218	34.7	144.6	131.6	100.3	98.2	107.2	96.6	99.4
2014	230	48.1	175.0	154.0	99.8	97.7	106.7	96.5	99.8
2015	172	49.1	152.0	136.2	100.5	98.1	106.6	98.2	99.9
2016	70	68.9	161.4	230.2	100.9	98.5	106.5	97.7	99.8

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1982	11	94.7	95.6	97.2	95.5	96.3	100.3	99.6
1983	542	96.5	96.3	98.3	96.1	98.8	104.1	99.5
1984	595	96.5	96.4	98.3	96.1	98.8	104.0	99.5
1985	716	96.5	96.3	98.3	96.0	98.8	104.1	99.5
1986	1007	96.4	96.3	98.4	96.0	98.6	104.0	99.5
1987	642	96.1	96.1	98.2	95.7	98.3	103.8	99.4
1988	814	96.0	95.3	98.8	96.5	96.3	103.3	99.4
1989	802	96.2	95.2	99.1	96.9	95.8	103.3	99.3
1990	618	96.4	95.3	99.4	97.2	95.8	103.5	99.3
1991	756	97.2	95.7	99.9	97.9	96.1	103.1	100.3
1992	557	97.6	95.8	100.3	98.4	96.2	103.2	100.6

1993	358	97.5	96.0	100.0	98.3	96.1	103.2	100.5
1994	233	97.1	95.9	99.9	97.6	96.1	103.2	100.0
1995	298	96.5	96.7	99.5	96.1	96.6	102.3	99.2
1996	203	96.8	97.4	99.3	96.2	96.9	102.1	99.2
1997	150	96.9	97.3	99.6	96.5	96.6	102.0	99.0
1998	150	96.5	97.1	99.4	96.1	96.6	101.5	98.9
1999	86	95.6	96.3	98.9	95.9	95.4	101.2	98.3
2000	75	96.2	96.5	99.2	96.4	95.8	101.8	98.5
2001	43	96.3	97.0	99.1	96.2	96.3	102.3	98.6
2002	49	96.0	96.3	99.2	96.3	95.2	102.2	98.4
2003	49	96.0	96.0	99.1	96.3	95.7	102.1	98.9
2004	52	96.9	97.0	99.2	97.1	96.4	101.4	99.3
2005	37	96.3	96.0	99.3	97.0	95.6	102.1	98.9
2006	31	95.5	96.4	98.5	95.4	96.0	101.4	98.8
2007	14	96.9	97.6	99.4	96.3	97.2	102.1	99.9
2008	16	96.1	96.7	98.2	96.8	96.1	101.8	99.4
2009	10	97.2	98.0	98.8	96.9	97.8	102.6	99.8
2014	16	97.9	97.4	99.6	97.7	97.2	105.1	100.1
2015	15	98.3	99.5	98.7	97.8	98.5	101.7	101.5

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	10938	98.0	99.3	98.0	99.3	99.6	99.0
1981	20967	98.0	99.5	98.0	99.5	99.6	98.9
1982	37069	97.7	99.5	97.7	99.5	99.3	98.5
1983	47267	97.7	99.4	97.7	99.4	99.3	98.5
1984	48664	98.2	99.0	98.2	99.0	99.5	98.0
1985	42953	97.8	99.0	97.8	99.0	99.1	97.7
1986	40047	97.5	98.9	97.5	98.9	98.8	97.7
1987	32251	97.4	98.6	97.4	98.6	99.0	98.0
1988	24843	97.6	98.6	97.6	98.6	99.3	98.3
1989	19834	97.3	98.6	97.3	98.6	99.3	98.5
1990	14826	97.5	98.5	97.5	98.5	99.3	98.2
1991	10557	97.9	98.7	97.9	98.7	99.5	98.2
1992	6814	98.3	98.8	98.3	98.8	99.8	98.2
1993	5517	98.6	98.9	98.6	98.9	99.9	98.6
1994	3758	98.9	98.9	98.9	98.9	100.3	98.6
1995	3139	99.3	98.7	99.3	98.7	100.4	98.2
1996	2393	99.4	98.6	99.4	98.6	100.5	98.2
1997	1688	99.4	98.7	99.4	98.7	100.3	98.5
1998	1323	99.4	98.5	99.4	98.5	100.4	98.1
1999	991	99.3	98.6	99.3	98.6	100.3	98.1
2000	798	99.1	98.8	99.1	98.8	100.2	98.1
2001	563	99.1	98.8	99.1	98.8	100.1	98.1
2002	502	99.1	98.7	99.1	98.7	100.3	98.2
2003	449	99.2	98.8	99.2	98.8	100.4	98.1
2004	478	99.4	98.7	99.4	98.7	100.7	98.1
2005	360	99.7	99.0	99.7	99.0	100.7	98.3
2006	347	99.9	99.1	99.9	99.1	100.8	98.5
2007	347	99.6	99.2	99.6	99.2	100.7	98.2
2008	340	99.5	99.3	99.5	99.3	100.7	98.4
2009	317	99.8	99.5	99.8	99.5	101.3	98.6
2010	259	100.0	99.2	100.0	99.2	101.5	98.7
2011	294	100.0	99.3	100.0	99.3	101.5	98.4
2012	337	100.0	99.0	100.0	99.0	101.9	98.2
2013	316	99.8	99.5	99.8	99.5	101.6	98.6
2014	321	99.9	99.2	99.9	99.2	101.6	98.3
2015	269	100.4	98.8	100.4	98.8	101.9	97.9

2016	201	100.1	99.6	100.1	99.6	101.8	98.8
2017	178	100.1	97.1	100.1	97.1	101.9	96.2
2018	142	100.5	97.2	100.5	97.2	102.2	96.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	13884	99.6	101.0	101.1	83.0	88.2	86.8
1981	23795	99.7	99.9	101.2	85.0	91.4	90.9
1982	40642	98.0	101.1	102.8	88.9	92.3	92.1
1983	67994	98.1	100.3	102.7	90.6	95.0	93.5
1984	66660	97.7	100.1	103.2	91.3	96.8	95.3
1985	53044	98.6	99.8	102.2	91.1	96.5	94.7
1986	43511	98.9	99.9	101.8	91.1	98.5	95.6
1987	30526	97.6	99.1	103.1	91.9	98.4	95.8
1988	20693	98.0	98.9	102.5	92.0	98.0	94.6
1989	13689	97.4	99.9	102.7	92.2	96.5	93.8
1990	8666	97.9	98.3	102.9	91.0	95.4	95.7
1991	5892	100.0	97.6	101.1	91.6	99.5	97.4
1992	3694	98.0	98.0	102.8	93.6	97.2	95.2
1993	2494	100.1	98.1	100.7	89.6	99.2	95.9
1994	1648	98.6	98.7	102.4	90.2	94.4	92.4
1995	1137	98.4	99.1	102.8	88.2	92.5	92.6
1996	892	98.1	99.0	102.9	91.0	95.4	94.6
1997	518	97.5	99.4	104.1	93.2	96.4	94.1
1998	403	99.5	97.8	101.4	91.5	97.8	96.1
1999	306	98.8	99.0	102.4	92.1	96.4	95.4
2000	243	98.6	100.3	102.2	93.1	96.5	97.9
2001	199	98.7	99.4	102.5	93.2	97.6	96.9
2002	192	99.3	99.5	101.9	95.5	99.4	99.3
2003	155	99.0	98.8	102.2	94.7	98.4	97.3
2004	162	99.5	98.9	101.8	94.1	98.2	96.9
2005	151	99.5	99.1	101.8	92.2	95.9	95.1
2006	162	99.6	98.5	101.7	93.3	97.7	97.4
2007	222	99.7	98.6	101.6	90.1	93.7	93.3
2008	206	99.4	98.5	101.7	96.2	99.7	99.5
2009	163	100.0	98.4	101.3	94.8	97.5	97.6
2010	144	100.1	98.7	101.1	96.0	99.5	99.7
2011	171	100.9	97.5	100.6	93.1	96.6	95.6
2012	219	100.3	97.3	100.9	94.5	96.8	96.2
2013	177	100.1	97.2	101.2	95.2	96.4	95.6
2014	239	100.0	96.6	101.4	96.0	96.8	95.8
2015	187	100.6	97.1	100.9	94.2	95.3	94.2
2016	134	100.2	97.2	101.1	97.8	98.4	96.9
2017	98	100.4	97.9	101.2	88.3	88.2	87.6
2018	83	100.0	97.6	101.4	82.3	82.1	81.1

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	13179	99.3	95.4	98.0	95.2	99.1	96.9	100.6	97.2	100.9	96.7	97.0
1981	23612	99.3	95.5	97.9	95.7	99.3	96.7	100.9	96.5	100.8	96.1	97.0
1982	40771	99.5	95.2	98.5	95.7	99.1	96.9	101.3	96.4	100.9	96.8	97.0
1983	51653	99.4	94.6	99.2	95.7	98.7	97.1	101.3	96.5	100.1	97.1	96.5

1984	51471	99.1	94.3	99.2	95.4	98.8	97.2	101.0	96.1	100.1	96.6	97.2
1985	44673	98.7	94.2	99.3	95.2	98.2	97.5	100.7	96.0	99.7	96.3	97.1
1986	40644	98.6	93.9	99.6	95.2	97.9	97.8	100.6	96.0	99.5	96.6	96.9
1987	32182	98.8	93.2	100.3	95.1	97.7	97.9	100.6	96.7	99.1	97.1	96.8
1988	24569	98.1	91.8	100.9	94.8	96.4	98.2	99.9	97.4	97.9	96.7	95.9
1989	19287	98.0	90.9	101.1	94.9	95.5	98.3	100.0	97.7	97.3	97.0	95.5
1990	14375	98.0	90.6	101.2	95.0	95.5	98.0	100.0	97.9	96.9	96.8	95.4
1991	9917	97.9	90.4	101.8	95.2	94.8	98.7	100.0	97.9	96.8	97.5	96.3
1992	6765	97.5	89.8	102.2	95.1	93.9	99.0	99.6	98.0	96.4	97.4	96.3
1993	5328	97.2	89.4	102.1	95.0	93.5	99.1	99.4	98.0	96.1	97.8	95.8
1994	3716	97.3	88.7	102.8	94.6	93.1	99.2	99.2	98.7	95.6	97.5	96.1
1995	2870	97.0	88.6	102.7	94.7	92.7	99.4	99.0	98.8	95.3	97.6	95.7
1996	2378	96.8	88.4	102.7	94.6	92.5	99.4	98.8	98.6	95.7	97.5	95.8
1997	1876	96.6	88.4	102.7	94.5	92.4	99.4	98.6	98.8	95.2	97.9	95.2
1998	1282	96.7	88.4	102.9	94.3	92.6	99.2	98.6	98.7	95.4	97.6	95.5
1999	995	96.5	88.5	103.0	94.3	92.5	99.4	98.4	98.6	95.9	98.0	95.6
2000	751	96.3	88.7	102.6	94.2	92.5	99.7	98.0	98.5	95.9	97.9	95.3
2001	516	96.1	88.7	102.4	94.1	92.7	99.7	98.0	98.3	96.1	98.0	94.9
2002	469	95.8	88.6	102.4	93.9	92.7	99.8	97.9	97.7	95.8	98.2	94.3
2003	395	95.8	88.9	102.1	94.0	92.8	99.7	97.7	98.0	95.9	97.7	94.4
2004	412	95.7	89.2	102.0	94.0	93.0	99.8	97.6	97.7	96.6	98.0	94.4
2005	313	95.5	88.9	102.1	93.7	92.8	100.0	97.3	97.8	96.2	98.2	93.9
2006	316	95.2	89.0	101.7	94.0	92.3	100.3	96.9	97.9	96.6	98.0	94.0
2007	251	95.1	89.0	101.4	93.9	92.4	99.8	97.1	97.7	95.8	97.6	93.5
2008	215	94.9	88.9	101.5	94.0	92.1	100.1	96.9	97.4	96.3	97.6	94.1
2009	172	94.9	89.1	101.3	94.4	91.9	100.4	96.6	98.0	96.2	98.0	93.4
2010	125	94.6	87.8	102.3	93.8	90.8	100.2	96.7	97.8	95.5	98.8	93.4
2011	101	93.9	88.7	102.2	93.5	91.5	101.3	95.8	97.4	96.0	99.1	92.8
2012	57	94.4	88.3	101.6	93.3	91.9	100.7	96.1	98.0	95.8	98.8	92.8
2013	39	93.1	87.1	101.7	93.3	89.4	101.8	95.0	98.2	95.3	98.5	92.6
2014	49	93.4	87.3	101.8	93.4	89.7	101.9	94.9	98.2	95.5	98.1	93.5
2015	27	93.6	87.4	102.2	92.9	90.5	101.1	95.5	98.4	93.7	98.6	91.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	11259	102.2	98.7	100.1
1981	21518	101.5	98.3	99.9
1982	38149	101.1	97.9	99.8
1983	48656	101.4	98.2	99.6
1984	50375	101.5	98.2	99.2
1985	44499	100.9	98.0	99.4
1986	41684	100.4	97.6	99.1
1987	33506	100.6	97.6	99.3
1988	26001	101.2	97.9	100.3
1989	20775	100.7	97.5	99.8
1990	15516	101.3	97.9	99.7
1991	10656	101.2	98.1	99.7
1992	6637	101.4	98.4	100.1
1993	6273	101.6	98.5	100.1
1994	5868	101.8	98.6	100.4
1995	4372	102.4	98.9	100.8
1996	3301	102.4	99.1	100.8
1997	2368	102.4	98.9	101.1
1998	1743	102.4	98.7	101.0
1999	1308	102.5	98.9	101.0
2000	1020	102.4	98.8	100.8
2001	713	102.5	99.0	100.8
2002	589	102.3	98.9	100.4

2003	528	102.2	98.8	100.4
2004	587	102.6	99.3	100.2
2005	446	102.7	99.2	100.3
2006	415	102.8	99.3	100.0
2007	408	103.2	99.5	100.1
2008	420	102.8	99.2	100.3
2009	399	102.8	99.3	100.6
2010	311	103.3	99.7	100.7
2011	338	103.8	100.4	100.4
2012	411	103.7	100.3	100.4
2013	357	104.2	100.7	100.8
2014	359	104.6	101.0	101.1
2015	296	104.4	100.9	101.0
2016	243	104.0	100.5	101.1
2017	219	104.3	100.8	101.0
2018	172	104.4	100.9	101.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	397	-607.6	-1150.6	-88.6	-99.0
2002	327	-493.5	-588.7	-71.7	-81.6
2003	259	-520.3	-732.2	-75.3	-85.8
2004	278	-433.1	-480.1	-61.8	-72.4
2005	223	-386.6	-92.9	-63.3	-61.5
2006	252	-107.4	919.3	-8.6	-24.9
2007	242	-178.9	878.3	-33.4	-29.5
2008	228	-210.1	707.8	-31.2	-37.6
2009	191	-268.6	399.9	-46.3	-43.2
2010	152	434.5	3351.2	81.3	53.3
2011	172	462.1	3134.6	91.1	55.7
2012	194	730.2	4409.3	135.3	94.3
2013	224	1066.2	5779.0	188.8	144.3
2014	235	1356.4	6851.3	240.0	185.3
2015	173	1150.4	5936.2	201.7	157.7
2016	74	1826.9	8642.0	319.9	253.2

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

Jaar	Aantal	Eff	Int	Gewen
1980	294	96.7	105.7	98.5
1981	909	96.4	105.2	98.8
1982	899	97.5	105.2	98.6
1983	1900	99.0	106.4	98.3
1984	1790	98.9	106.0	98.0
1985	1426	99.4	105.9	97.9
1986	1488	99.5	105.8	97.8
1987	1473	98.8	104.5	98.0
1988	1553	98.9	104.8	98.8
1989	1105	99.1	105.2	98.8
1990	766	98.9	105.1	99.0
1991	508	97.6	106.0	97.9
1992	286	98.4	106.9	96.9
1993	242	97.8	107.0	97.1

1994	151	98.1	106.8	97.4
1995	107	98.3	106.9	96.7
1996	78	98.4	106.6	97.4
1997	50	98.7	107.5	97.1
1998	45	99.0	106.9	97.0
1999	31	99.2	106.5	98.1
2000	30	99.4	106.2	98.2
2001	16	99.8	104.9	97.8
2002	28	100.2	104.9	97.8
2003	25	100.3	106.2	98.2
2004	25	99.9	106.2	97.5
2005	17	100.1	105.9	97.6
2006	38	99.7	105.2	98.1
2007	33	100.4	105.1	98.0
2008	24	100.6	107.1	97.3
2009	20	99.3	104.8	97.7
2010	26	100.1	106.8	97.4
2011	27	99.3	106.8	98.1
2012	15	98.6	107.5	97.8
2013	30	100.3	109.4	97.9
2014	46	100.2	110.3	97.8
2015	30	99.1	110.7	97.9
2016	23	99.5	112.4	97.0

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	-2.5	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	102.3	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	70716	97.4	102.1	82202	-2.6	0	0.0
1987	57316	97.7	101.7	62006	-2.4	0	0.0
1988	46273	98.0	101.0	47331	-2.1	0	0.0
1989	34931	97.8	100.5	35083	-2.0	0	0.0
1990	21993	97.8	100.3	22071	-1.9	0	0.0
1991	12812	97.9	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	99.0	100.1	1320	-0.9	0	0.0
1998	994	99.3	100.3	994	-0.9	0	0.0
1999	672	99.3	99.6	672	-0.7	0	0.0
2000	527	99.5	99.7	529	-0.6	0	0.0
2001	398	99.6	99.3	399	-0.6	112	91.5
2002	321	99.3	99.4	329	-0.5	111	91.4
2003	259	99.7	100.2	259	-0.5	67	92.2
2004	273	100.2	100.5	278	-0.4	71	93.0
2005	216	100.5	99.7	222	-0.4	59	92.9
2006	251	100.1	100.5	255	-0.3	49	92.6
2007	239	99.5	98.8	247	-0.2	38	92.6
2008	226	99.9	99.4	228	-0.1	35	93.1
2009	187	98.7	99.1	193	-0.2	19	93.4
2010	152	99.8	98.8	152	0.0	15	92.6

2011	173	100.4	100.2	173	0.1	23	91.7
2012	190	100.9	99.2	191	0.2	25	93.3
2013	218	100.8	99.5	221	0.3	28	94.1
2014	230	101.4	100.0	232	0.5	42	93.2
2015	172	101.6	100.4	172	0.4	28	93.6
2016	70	101.1	99.9	71	0.7	6	95.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	23241	-1076.4	-37.0	-49.6	-58.7	21.2	-18.5	-17.3	-298.7
1981	20619	-1098.4	-37.2	-49.5	-59.7	22.7	-16.8	-17.3	-299.2
1982	14969	-1086.7	-36.4	-48.7	-59.2	23.1	-16.0	-17.3	-294.0
1983	12827	-1008.9	-33.5	-46.6	-55.6	21.9	-17.0	-17.2	-277.9
1984	9411	-948.7	-30.7	-44.8	-52.9	22.0	-17.5	-17.0	-263.9
1985	7384	-935.4	-29.5	-43.9	-52.3	23.0	-16.8	-17.0	-257.9
1986	5040	-922.7	-28.4	-43.3	-51.7	23.9	-16.6	-17.0	-252.9
1987	3577	-910.1	-27.9	-42.8	-51.1	23.8	-16.4	-16.9	-249.5
1988	3334	-935.7	-29.2	-43.4	-52.3	23.6	-15.8	-17.0	-255.2
1989	2997	-882.9	-27.0	-41.0	-49.9	23.1	-14.9	-16.9	-239.9
1990	2545	-845.3	-25.7	-39.6	-48.2	22.3	-14.8	-16.8	-230.9
1991	2141	-815.5	-24.3	-37.6	-46.8	22.4	-13.0	-16.7	-219.0
1992	1847	-794.4	-24.0	-37.2	-45.9	21.1	-13.6	-16.7	-216.9
1993	1682	-744.9	-22.6	-35.2	-43.6	19.5	-13.3	-16.6	-204.9
1994	1667	-688.1	-20.4	-33.5	-41.0	18.7	-13.7	-16.4	-192.6
1995	1549	-628.0	-18.8	-31.4	-38.3	16.5	-13.9	-16.3	-179.9
1996	1460	-558.5	-16.1	-29.0	-35.1	15.7	-14.0	-16.2	-163.3
1997	1192	-522.3	-15.1	-27.2	-33.5	14.5	-13.1	-16.1	-153.1
1998	1080	-464.7	-12.5	-24.3	-30.8	14.3	-11.7	-16.0	-135.2
1999	918	-411.5	-10.6	-22.7	-28.4	13.4	-12.1	-15.9	-123.8
2000	817	-358.0	-8.9	-20.2	-25.5	12.0	-11.2	-15.0	-109.2
2001	755	-306.2	-6.9	-18.6	-18.3	11.5	-11.7	-6.8	-96.4
2002	600	-270.3	-5.4	-17.2	-15.4	11.3	-11.5	-4.8	-86.7
2003	572	-211.9	-3.7	-16.1	-13.3	9.7	-13.0	-5.7	-77.6
2004	532	-209.8	-4.3	-16.8	-12.2	8.6	-14.4	-4.0	-81.6
2005	431	-156.8	-3.8	-14.8	-10.8	5.5	-14.2	-5.7	-72.0
2006	436	-77.0	0.5	-11.6	-7.8	6.7	-13.4	-6.7	-48.9
2007	391	-126.5	-1.7	-12.0	-9.9	6.8	-11.4	-6.4	-55.9
2008	412	-136.8	-0.3	-12.4	-11.4	9.8	-11.3	-8.2	-54.9
2009	307	-85.0	-0.5	-11.9	-8.6	5.9	-13.3	-7.4	-52.1
2010	296	30.0	4.7	-8.1	-4.1	5.8	-13.9	-8.5	-24.4
2011	277	32.0	5.8	-7.1	-3.9	7.4	-12.3	-8.3	-17.9
2012	256	64.8	7.6	-4.7	-2.9	7.8	-10.6	-9.1	-4.1
2013	250	108.2	9.1	-3.9	-1.3	7.0	-11.8	-9.6	2.6
2014	254	141.7	10.9	-2.9	-0.2	7.5	-12.1	-10.3	10.9
2015	217	132.7	10.3	-3.2	0.5	7.2	-12.0	-8.7	8.6
2016	108	112.5	9.5	-3.8	-0.6	7.2	-12.0	-8.8	4.1

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	81468	89.5	92.4	91.1	96.7	95.5	86.6	97.5
1981	67899	89.9	92.8	91.4	97.1	95.9	86.6	97.9

1982	42557	90.1	92.7	91.7	97.4	95.9	86.7	98.2
1983	24790	90.5	92.5	91.9	98.0	95.8	86.5	98.4
1984	10858	90.9	91.9	91.7	98.3	95.5	86.3	98.1
1985	5644	91.2	91.7	91.7	98.5	95.3	86.2	98.3
1986	2879	91.3	91.8	91.9	98.7	95.3	86.0	98.2
1987	1546	91.3	91.8	92.1	98.7	95.1	85.9	98.5
1988	1106	91.6	91.8	92.3	98.9	94.9	85.8	98.7
1989	853	92.3	91.5	92.5	99.4	94.9	85.8	98.9
1990	763	92.5	91.5	92.4	99.4	94.9	85.7	99.0
1991	553	93.0	91.7	92.7	99.6	95.3	85.9	99.1
1992	531	93.2	91.5	93.1	100.1	94.8	85.7	99.4
1993	500	93.6	92.0	93.3	100.2	95.2	85.7	99.7
1994	424	93.7	91.8	93.4	100.3	95.1	86.1	100.1
1995	401	94.4	91.9	93.7	100.5	95.1	86.0	100.8
1996	415	94.5	92.0	93.9	100.7	95.3	86.3	100.8
1997	294	94.5	92.2	93.9	100.7	95.3	86.3	100.8
1998	272	94.4	91.7	94.2	101.0	94.9	86.0	100.6
1999	262	94.6	91.7	94.0	100.9	94.7	85.8	101.1
2000	337	94.6	91.8	94.1	100.8	94.8	85.9	101.0
2001	314	94.6	92.2	94.6	101.0	94.8	85.8	100.9
2002	247	94.3	91.7	94.2	100.9	94.6	85.7	100.6
2003	245	94.4	92.4	94.8	101.0	94.6	85.9	101.0
2004	225	94.2	92.5	94.9	100.8	94.8	86.0	100.6
2005	176	94.1	92.2	94.8	100.8	94.5	85.9	100.5
2006	149	94.5	92.1	94.6	101.1	94.5	86.1	100.8
2007	83	93.6	92.3	94.8	100.7	94.0	85.9	100.2
2008	76	94.0	92.0	94.8	100.9	93.8	86.2	100.2
2009	55	94.0	92.1	95.1	101.1	93.7	86.3	99.8
2010	31	93.4	91.4	94.7	100.6	92.7	85.6	100.3
2011	32	91.6	90.7	93.2	99.5	92.2	85.8	97.7
2012	21	91.5	90.8	93.0	99.4	92.7	85.7	98.5
2013	21	92.5	90.7	93.6	100.0	92.5	85.8	98.1

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

Jaar	Aantal	BA	BZ	KH	BG
1980	81468	92.1	97.1	87.8	88.8
1981	67899	91.6	97.3	87.8	88.5
1982	42557	91.4	97.6	87.6	88.3
1983	24790	91.6	98.2	87.9	88.3
1984	10858	91.8	98.5	88.1	88.4
1985	5644	91.9	98.6	88.0	88.4
1986	2879	92.1	98.4	88.4	88.6
1987	1546	92.2	98.6	88.2	88.7
1988	1106	92.3	98.6	88.1	88.8
1989	853	93.1	98.5	88.7	89.6
1990	763	93.4	98.5	88.9	89.9
1991	553	93.6	98.7	88.9	90.2
1992	531	93.7	99.3	88.9	90.5
1993	500	93.7	99.4	89.0	90.6
1994	424	93.9	99.4	89.1	91.0
1995	401	94.3	99.6	89.0	91.3
1996	415	94.5	99.3	89.3	91.4
1997	294	94.6	99.4	89.3	91.7
1998	272	94.7	99.5	89.3	92.0
1999	262	95.5	99.2	89.8	92.8
2000	337	95.3	99.3	89.5	92.6
2001	314	95.1	99.4	89.3	92.3
2002	247	95.1	99.3	89.5	92.4

2003	245	95.2	99.6	89.4	92.6
2004	225	95.6	99.2	89.9	93.3
2005	176	95.8	99.1	89.9	93.2
2006	149	95.0	99.2	89.7	92.8
2007	83	95.6	98.7	90.0	93.0
2008	76	95.4	99.1	90.0	93.1
2009	55	95.6	99.2	90.0	93.5
2010	31	95.8	99.3	90.0	93.7
2011	32	96.3	98.8	90.3	94.5
2012	21	96.1	99.4	90.2	93.9
2013	21	96.3	99.0	90.3	94.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	81468	98.2	94.9	98.0	99.9	95.2	95.5	92.9
1981	67899	98.2	95.1	98.0	100.1	95.1	95.6	92.9
1982	42557	98.3	95.3	97.9	100.1	95.1	95.7	93.2
1983	24790	98.5	95.5	97.6	100.1	95.5	95.6	93.4
1984	10858	98.8	95.9	97.2	100.5	95.9	95.5	93.6
1985	5644	98.8	96.1	97.3	100.6	96.0	95.5	93.7
1986	2879	98.9	96.2	97.2	100.7	96.2	95.6	93.9
1987	1546	99.1	96.9	97.4	100.7	96.6	95.7	94.4
1988	1106	99.2	97.0	97.8	100.5	96.8	96.0	94.7
1989	853	99.4	97.6	97.6	101.1	96.9	96.7	95.6
1990	763	99.5	97.8	97.7	101.4	97.2	97.1	95.8
1991	553	100.0	98.4	97.3	101.8	97.2	97.3	96.1
1992	531	99.9	98.5	97.0	101.6	97.2	97.0	96.0
1993	500	100.3	98.8	96.9	101.6	97.4	97.2	96.2
1994	424	100.5	99.2	97.1	101.8	97.6	97.5	96.6
1995	401	100.6	99.7	97.0	102.1	97.4	97.8	97.0
1996	415	100.5	99.6	96.9	102.0	97.6	98.0	97.0
1997	294	100.5	99.6	97.0	102.1	97.9	98.5	97.4
1998	272	100.7	100.7	96.8	102.1	98.6	99.1	98.2
1999	262	100.8	101.2	96.6	102.6	98.4	99.6	98.8
2000	337	101.1	101.3	96.5	102.8	98.9	99.9	99.1
2001	314	100.5	100.9	96.9	101.9	98.4	99.0	98.2
2002	247	100.6	101.0	96.9	102.1	98.6	99.4	98.5
2003	245	100.7	100.8	96.9	102.0	98.6	99.2	98.6
2004	225	101.0	100.8	97.0	102.6	99.0	99.7	98.7
2005	176	101.0	100.7	96.4	102.3	98.8	99.9	98.9
2006	149	100.9	101.3	96.8	102.3	98.9	99.7	98.7
2007	83	100.4	99.9	97.7	101.8	99.1	99.3	97.9
2008	76	100.9	101.2	96.4	102.0	99.6	100.0	99.0
2009	55	101.4	101.4	97.0	102.3	99.5	100.1	99.1
2010	31	101.3	101.0	95.8	102.2	99.8	100.9	99.6
2011	32	100.6	100.2	95.4	101.9	99.9	100.9	98.9
2012	21	100.3	99.6	96.5	101.4	99.7	100.8	98.6
2013	21	100.4	100.0	95.3	101.9	99.8	100.8	99.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	81468	86.1	91.8	97.5	86.4	99.5	86.1

1981	67899	86.6	92.6	97.6	86.1	99.7	86.2
1982	42557	86.9	93.0	97.6	85.9	99.6	86.3
1983	24790	86.8	93.3	97.8	86.2	99.0	86.6
1984	10858	86.4	93.0	98.1	86.5	98.5	86.7
1985	5644	86.3	93.0	98.2	86.5	98.2	86.7
1986	2879	86.2	93.2	98.3	86.8	98.1	87.0
1987	1546	86.4	93.2	98.6	86.8	98.0	87.2
1988	1106	86.5	93.3	98.6	87.0	97.9	87.3
1989	853	86.6	93.6	99.0	87.8	97.6	88.1
1990	763	86.6	93.6	99.3	88.3	97.5	88.4
1991	553	86.9	94.2	99.6	88.5	97.8	88.9
1992	531	87.0	94.4	99.5	88.8	97.3	89.1
1993	500	87.4	95.0	99.8	89.0	97.6	89.5
1994	424	87.7	95.1	100.0	89.4	97.6	90.0
1995	401	88.1	95.4	100.1	89.8	97.7	90.4
1996	415	88.5	95.8	100.1	89.9	97.9	90.6
1997	294	88.4	95.9	100.3	90.2	97.9	90.9
1998	272	88.1	95.7	100.8	90.4	97.5	91.1
1999	262	88.2	95.5	100.9	91.2	97.4	91.6
2000	337	88.2	95.6	101.2	91.0	97.7	91.7
2001	314	88.5	96.0	100.4	90.7	97.7	91.3
2002	247	88.0	95.4	100.7	90.8	97.4	91.2
2003	245	88.7	95.9	100.6	91.1	97.8	91.6
2004	225	88.7	95.9	101.2	91.7	98.3	92.2
2005	176	88.4	95.6	101.0	91.7	97.9	92.0
2006	149	88.6	95.8	101.0	91.1	97.8	91.8
2007	83	88.3	95.2	100.7	91.4	97.5	91.6
2008	76	88.4	95.0	101.3	91.5	97.4	91.9
2009	55	88.3	95.2	101.5	91.9	97.1	92.3
2010	31	87.9	94.0	101.5	92.2	96.5	92.2
2011	32	85.8	91.8	101.3	92.8	95.5	91.3
2012	21	86.2	92.1	101.0	92.3	95.5	91.1
2013	21	86.3	92.4	101.1	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	169938	105.1	103.6	106.9	105.3	104.1	100.9	90.9	106.3
1981	152625	105.1	103.5	106.8	105.2	104.1	100.6	91.2	106.3
1982	101890	105.1	103.1	106.7	105.0	104.0	100.6	91.4	106.1
1983	63879	105.0	102.6	106.2	104.4	103.7	100.4	91.8	105.5
1984	32202	104.8	102.1	105.8	103.8	103.4	100.3	92.3	105.0
1985	18207	104.7	101.8	105.4	103.4	103.2	100.2	92.4	104.6
1986	9868	104.5	101.8	105.2	103.3	103.1	100.0	92.8	104.5
1987	6290	104.4	101.6	105.0	103.0	102.9	100.1	92.8	104.2
1988	4771	104.2	101.4	104.7	102.8	102.7	100.1	92.9	104.0
1989	3991	104.2	101.1	104.4	102.4	102.6	100.3	93.2	103.7
1990	3328	104.1	100.9	104.1	102.1	102.5	100.4	93.3	103.3
1991	2862	104.0	100.9	103.9	102.1	102.5	100.5	93.7	103.2
1992	2471	103.8	101.1	104.0	102.3	102.5	100.5	93.9	103.3
1993	2279	103.7	101.0	103.7	102.1	102.4	100.6	94.0	103.1
1994	2188	103.5	100.9	103.4	101.9	102.1	100.5	93.9	102.9
1995	2084	103.4	100.7	103.2	101.7	102.1	100.5	94.1	102.7
1996	1861	103.3	100.6	103.1	101.6	102.0	100.4	94.2	102.5
1997	1563	103.2	100.5	103.0	101.5	101.9	100.3	94.3	102.4
1998	1444	102.9	100.2	102.3	101.0	101.5	100.1	94.3	101.8
1999	1277	102.9	100.1	102.3	100.9	101.5	100.3	94.3	101.8
2000	1191	103.1	99.8	102.2	100.8	101.6	100.4	94.4	101.6
2001	1177	103.0	99.7	102.0	100.6	101.5	100.3	94.5	101.4

2002	990	102.8	99.6	101.9	100.5	101.3	100.2	94.5	101.3
2003	941	103.3	99.2	102.0	100.3	101.5	100.5	94.4	101.2
2004	943	103.4	99.1	102.0	100.2	101.5	100.6	94.1	101.2
2005	803	103.2	98.9	101.6	99.9	101.3	100.4	94.1	100.9
2006	786	103.1	99.1	101.7	100.1	101.4	100.4	94.6	101.0
2007	704	102.9	99.1	101.7	100.1	101.2	99.9	94.6	101.0
2008	693	103.2	99.2	102.0	100.3	101.6	100.3	94.7	101.3
2009	572	103.3	99.2	102.1	100.4	101.7	100.5	94.8	101.4
2010	535	103.4	99.1	102.1	100.3	101.7	100.2	94.5	101.3
2011	539	103.3	99.1	102.0	100.2	101.6	100.1	94.6	101.2
2012	524	103.1	99.3	102.1	100.4	101.7	100.1	95.0	101.4
2013	311	103.0	99.2	101.9	100.3	101.5	100.0	95.6	101.2
2014	295	103.3	99.1	102.1	100.4	101.7	100.3	95.5	101.4
2015	245	102.8	99.4	102.0	100.4	101.6	100.2	96.2	101.4
2016	157	103.0	99.6	102.2	100.6	101.8	100.3	96.0	101.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	17976	96.6	83.6	99.7	104.1	106.0
1981	14397	96.7	85.4	99.5	104.0	105.9
1982	8548	96.7	84.8	99.2	103.6	105.6
1983	5497	96.7	86.0	99.3	103.7	105.7
1984	2931	96.7	87.0	99.4	103.7	105.6
1985	1795	96.5	88.9	99.4	103.6	105.6
1986	1061	96.7	87.4	99.4	103.6	105.5
1987	616	96.4	86.2	99.3	103.4	105.4
1988	434	96.4	86.2	99.0	103.1	105.3
1989	422	97.2	87.9	98.8	102.5	105.1
1990	357	97.4	91.6	98.6	102.2	105.0
1991	351	97.6	93.7	98.4	101.8	104.7
1992	389	97.2	93.5	98.2	101.6	104.5
1993	357	97.5	91.1	98.3	101.6	104.3
1994	297	97.4	93.5	98.2	101.5	104.2
1995	268	97.7	92.9	98.2	101.4	104.3
1996	254	98.0	93.8	98.2	101.2	104.1
1997	158	98.0	93.2	98.6	101.3	104.1
1998	142	98.7	91.6	98.0	100.5	103.4
1999	135	99.2	93.4	97.7	100.2	103.0
2000	117	98.8	95.9	97.6	99.8	103.1
2001	77	97.7	93.7	97.7	99.8	102.8
2002	47	98.8	86.3	97.3	99.3	102.4
2003	38	98.6	88.1	97.8	99.7	102.8
2004	28	98.7	87.5	97.8	99.5	103.1
2005	21	99.7	83.7	97.7	99.3	102.5
2006	27	97.4	91.2	97.8	99.3	102.3
2007	13	99.6	67.8	97.7	99.5	102.2
2008	18	100.4	71.5	97.9	99.3	101.9
2009	13	99.9	15.3	97.9	99.3	102.0
2010	22	100.5	67.1	97.8	99.4	101.7
2011	30	100.3	81.2	98.3	99.8	102.0
2012	21	100.2	93.0	98.6	99.5	101.7
2013	21	100.3	93.2	98.6	99.7	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	23161	-143.3	-298.7	-229.0	105.8	106.3	97.5	86.4	98.3
1981	20568	-147.8	-299.2	-243.4	105.7	106.3	97.6	86.1	98.4
1982	14939	-152.7	-294.0	-261.6	105.3	106.1	97.6	85.9	98.1
1983	12806	-151.4	-277.9	-283.5	105.4	105.5	97.8	86.2	98.1
1984	9403	-157.1	-263.9	-353.1	105.4	105.0	98.1	86.5	97.8
1985	7383	-161.0	-257.9	-423.9	105.3	104.6	98.2	86.5	97.8
1986	5039	-161.8	-252.9	-475.6	105.3	104.5	98.3	86.8	97.9
1987	3572	-164.2	-249.5	-514.0	105.1	104.2	98.6	86.8	98.0
1988	3334	-169.0	-255.2	-546.5	104.9	104.0	98.6	87.0	98.1
1989	2996	-161.3	-239.9	-539.2	104.5	103.7	99.0	87.8	98.4
1990	2543	-156.8	-230.9	-514.6	104.2	103.3	99.3	88.3	98.6
1991	2141	-150.6	-219.0	-498.0	103.9	103.2	99.6	88.5	98.7
1992	1847	-149.2	-216.9	-488.1	103.6	103.3	99.5	88.8	98.7
1993	1682	-143.2	-204.9	-465.8	103.5	103.1	99.8	89.0	98.8
1994	1667	-134.5	-192.6	-443.6	103.4	102.9	100.0	89.4	99.2
1995	1549	-124.6	-179.9	-406.2	103.5	102.7	100.1	89.8	99.3
1996	1460	-116.4	-163.3	-375.0	103.2	102.5	100.1	89.9	99.1
1997	1192	-111.1	-153.1	-362.5	103.2	102.4	100.3	90.2	99.1
1998	1080	-107.8	-135.2	-349.3	102.4	101.8	100.8	90.4	99.0
1999	917	-102.7	-123.8	-325.1	102.0	101.8	100.9	91.2	98.9
2000	817	-99.8	-109.2	-309.5	101.9	101.6	101.2	91.0	99.0
2001	755	-97.1	-96.4	-281.6	101.7	101.4	100.4	90.7	99.0
2002	600	-94.0	-86.7	-271.5	101.3	101.3	100.7	90.8	99.3
2003	572	-86.5	-77.6	-252.5	101.7	101.2	100.6	91.1	99.4
2004	532	-80.7	-81.6	-233.8	101.8	101.2	101.2	91.7	99.5
2005	431	-80.7	-72.0	-223.3	101.2	100.9	101.0	91.7	99.2
2006	436	-73.3	-48.9	-193.4	101.2	101.0	101.0	91.1	99.1
2007	391	-66.6	-55.9	-172.0	101.2	101.0	100.7	91.4	99.2
2008	412	-67.9	-54.9	-170.5	100.9	101.3	101.3	91.5	99.6
2009	307	-68.4	-52.1	-177.5	100.9	101.4	101.5	91.9	99.5
2010	296	-59.7	-24.4	-118.5	100.8	101.3	101.5	92.2	99.7
2011	277	-52.7	-17.9	-79.3	101.1	101.2	101.3	92.8	99.9
2012	256	-49.2	-4.1	-87.8	100.9	101.4	101.0	92.3	100.2
2013	250	-44.6	2.6	-58.8	101.2	101.2	101.1	92.7	100.3
2014	254	-36.5	10.9	-49.8	100.6	101.4	101.3	91.3	100.3
2015	217	-35.5	8.6	-40.2	101.7	101.4	103.0	90.0	100.2
2016	108	-28.1	4.1	-9.0	101.6	101.6	0.0	0.0	100.6

Tabel: 73 Fries Hollands - zwartbont: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	18100	98.4	99.0	98.4	99.0	99.8	98.1
1981	14758	98.4	99.1	98.4	99.1	99.9	98.0
1982	9086	98.2	98.9	98.2	98.9	99.6	97.8
1983	6817	98.1	98.9	98.1	98.9	99.3	97.7
1984	4310	98.3	98.5	98.3	98.5	99.2	97.4
1985	2933	98.2	98.6	98.2	98.6	99.1	97.3
1986	1795	98.4	98.7	98.4	98.7	99.3	97.4
1987	1244	98.5	98.7	98.5	98.7	99.4	97.5
1988	1078	98.7	98.8	98.7	98.8	99.7	97.7
1989	1165	98.7	99.2	98.7	99.2	99.8	97.9
1990	1273	98.8	99.3	98.8	99.3	99.8	97.8
1991	1440	99.0	99.3	99.0	99.3	100.0	97.8
1992	1447	99.0	99.2	99.0	99.2	99.9	97.7
1993	1739	99.2	99.0	99.2	99.0	100.2	97.8
1994	1833	99.5	98.8	99.5	98.8	100.5	97.7

1995	2094	99.4	99.5	99.4	99.5	100.3	98.1
1996	1819	99.4	99.5	99.4	99.5	100.2	98.1
1997	1621	99.4	99.0	99.4	99.0	100.2	97.6
1998	1512	99.6	98.9	99.6	98.9	100.6	97.5
1999	1439	99.6	99.0	99.6	99.0	100.6	97.4
2000	1336	99.5	99.4	99.5	99.4	100.4	97.7
2001	1274	99.4	99.3	99.4	99.3	100.4	97.5
2002	1107	99.6	99.5	99.6	99.5	100.6	97.6
2003	1054	99.6	99.6	99.6	99.6	100.6	97.7
2004	1063	99.9	99.3	99.9	99.3	101.0	97.7
2005	813	99.7	99.0	99.7	99.0	100.7	97.3
2006	823	99.6	98.4	99.6	98.4	100.6	96.7
2007	711	99.5	99.6	99.5	99.6	100.6	97.8
2008	636	99.7	99.7	99.7	99.7	100.7	98.1
2009	568	99.7	99.7	99.7	99.7	100.9	98.3
2010	532	99.8	100.0	99.8	100.0	101.0	98.6
2011	498	99.9	100.1	99.9	100.1	101.2	98.6
2012	507	99.9	100.3	99.9	100.3	101.0	98.6
2013	415	99.9	100.0	99.9	100.0	100.8	98.2
2014	401	100.0	99.6	100.0	99.6	101.0	98.0
2015	375	100.0	100.2	100.0	100.2	100.9	98.6
2016	377	100.2	98.2	100.2	98.2	101.2	96.6
2017	294	100.3	97.5	100.3	97.5	101.2	95.8
2018	243	100.4	95.6	100.4	95.6	101.2	94.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	31334	100.9	97.6	100.6	71.1	76.7	73.7
1981	25641	101.0	96.9	100.8	71.3	77.1	74.3
1982	16222	100.3	97.7	101.3	74.7	77.7	75.3
1983	16925	100.6	97.5	101.0	80.4	85.6	82.3
1984	9436	100.3	97.7	101.4	83.3	89.9	86.4
1985	5051	100.5	97.9	101.1	83.0	89.8	86.6
1986	2605	100.7	98.1	100.8	79.7	86.9	83.8
1987	1561	99.9	97.7	101.6	74.4	81.1	78.3
1988	1138	99.7	97.5	101.7	73.9	80.5	77.8
1989	880	100.2	98.0	101.2	78.7	86.0	83.9
1990	772	100.8	97.8	100.9	77.0	84.5	82.8
1991	711	100.8	97.9	100.9	76.0	83.7	82.1
1992	559	100.5	98.2	101.2	74.2	80.2	78.7
1993	574	101.0	98.0	100.6	73.6	79.2	77.8
1994	523	101.2	97.3	100.4	79.7	85.1	83.2
1995	503	100.4	98.1	101.4	71.0	75.9	75.2
1996	504	100.7	97.6	101.1	76.3	81.9	80.9
1997	376	100.7	97.6	101.0	79.0	85.5	84.1
1998	407	101.4	97.0	100.4	84.9	92.6	91.1
1999	414	100.7	97.5	101.1	79.2	86.0	84.5
2000	442	100.4	98.1	101.5	81.4	88.2	86.9
2001	406	100.5	97.6	101.4	83.7	90.5	88.7
2002	304	101.3	97.3	100.5	83.0	89.3	87.6
2003	300	100.9	97.7	101.0	83.1	88.9	87.1
2004	340	101.0	97.2	100.9	81.4	86.8	84.5
2005	326	100.7	97.3	101.3	84.0	90.0	88.0
2006	311	101.0	97.3	101.0	82.0	87.2	85.4
2007	376	101.0	97.1	101.0	80.5	85.8	83.7
2008	353	101.1	97.2	100.9	85.4	90.6	88.7
2009	315	101.0	97.1	100.8	78.8	83.4	81.9
2010	278	101.2	97.4	100.8	80.9	85.5	84.1

2011	278	101.6	96.9	100.4	74.2	78.5	76.6
2012	260	101.3	96.8	100.7	85.7	90.0	88.0
2013	241	101.6	96.9	100.4	84.3	87.7	85.9
2014	282	101.3	96.6	100.6	89.4	92.8	90.9
2015	216	101.9	96.4	100.1	87.8	91.3	89.1
2016	248	101.2	96.3	100.7	87.4	90.0	87.6
2017	146	102.1	96.7	99.9	80.0	82.6	80.6
2018	156	101.5	95.9	100.4	68.6	71.0	69.2

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	26316	101.3	100.4	95.2	94.3	107.5	93.8	102.4	93.7	106.1	93.3	95.9
1981	21991	101.3	100.4	95.5	94.6	107.4	94.1	102.3	93.8	106.0	93.4	95.9
1982	14135	101.4	100.3	95.7	94.5	107.2	94.2	102.4	93.9	106.2	93.4	96.0
1983	9896	100.8	99.3	96.0	94.0	106.2	94.4	101.9	94.3	105.4	93.3	95.2
1984	5792	100.2	98.2	96.0	93.5	105.2	94.6	101.2	94.7	104.8	93.0	94.9
1985	3906	100.0	97.7	96.1	93.4	104.6	94.7	101.0	95.0	104.1	92.9	94.4
1986	2513	99.8	97.5	96.4	93.4	104.3	94.8	100.9	94.9	103.8	93.1	94.3
1987	1856	99.6	97.2	96.4	93.2	104.0	94.8	100.6	95.1	103.7	93.2	94.2
1988	1594	99.5	97.0	96.4	93.3	103.7	94.9	100.6	95.1	103.5	93.1	94.2
1989	1643	99.6	96.5	96.3	93.3	103.3	95.0	100.6	95.7	103.1	93.3	93.9
1990	1674	99.4	96.4	96.8	93.3	103.1	95.4	100.3	95.8	103.0	93.7	93.7
1991	1725	99.2	96.1	96.8	93.4	102.6	95.7	100.2	95.8	102.6	93.9	93.6
1992	1799	98.9	96.1	96.7	93.5	102.4	95.9	100.1	95.5	102.4	94.0	93.5
1993	1750	98.6	95.7	97.2	93.3	102.1	96.0	99.9	95.4	102.0	94.4	93.1
1994	1783	98.6	96.1	97.5	93.3	102.4	96.3	99.7	95.4	102.5	94.6	93.3
1995	1805	98.6	96.1	97.6	93.6	102.1	96.6	99.7	95.5	102.3	94.9	93.0
1996	1799	98.4	95.8	97.6	93.4	101.8	96.6	99.6	95.4	102.0	94.9	92.8
1997	1779	98.3	95.9	97.7	93.4	101.8	96.7	99.5	95.6	102.1	95.1	92.8
1998	1475	98.1	95.7	98.7	92.9	101.5	97.0	99.3	95.4	102.1	95.4	92.8
1999	1414	98.1	95.8	98.8	92.9	101.6	97.2	99.2	95.5	102.1	95.8	92.5
2000	1213	97.9	95.7	98.8	92.9	101.4	97.3	99.0	95.5	102.0	95.8	92.3
2001	1162	97.5	95.7	98.4	93.1	101.0	97.7	98.7	95.2	101.9	96.0	92.3
2002	1093	97.2	95.5	98.7	92.9	100.8	97.9	98.5	95.1	101.7	96.3	91.9
2003	1080	97.1	95.4	98.4	92.8	100.6	98.0	98.3	95.1	101.7	96.0	92.0
2004	991	97.0	95.6	98.4	92.9	100.5	98.3	98.1	95.4	101.7	96.2	91.9
2005	764	96.9	95.5	98.5	93.0	100.4	98.3	97.9	95.6	101.5	96.4	92.0
2006	675	96.6	95.1	98.6	92.8	99.7	98.4	97.7	95.6	101.1	96.4	91.7
2007	536	96.7	95.1	98.7	93.0	99.7	98.4	97.9	95.4	100.9	96.6	91.8
2008	463	96.2	94.6	98.3	93.2	98.8	98.9	97.4	95.6	100.3	96.3	91.9
2009	386	96.2	94.5	98.4	92.9	98.9	98.6	97.4	95.8	100.3	96.3	91.5
2010	291	95.7	94.1	98.8	92.8	98.3	99.1	96.9	95.7	99.5	97.6	91.0
2011	193	96.0	94.5	98.5	92.9	98.8	99.2	96.9	95.9	100.9	96.9	91.5
2012	90	95.7	94.8	98.4	92.6	99.4	99.9	96.4	95.6	101.3	97.5	91.1
2013	73	95.6	94.6	98.7	92.9	98.8	100.2	96.2	96.0	100.9	97.5	91.4
2014	18	93.9	93.2	98.5	91.8	97.1	100.9	94.5	95.6	99.8	96.9	90.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	18828	99.3	96.7	99.5
1981	15615	99.2	96.6	99.5
1982	9707	98.9	96.2	99.5

1983	7282	99.1	96.5	99.7
1984	4582	99.4	96.5	99.7
1985	3153	99.2	96.5	99.9
1986	1911	99.3	96.5	99.8
1987	1296	99.4	96.7	100.0
1988	1136	99.6	96.8	100.2
1989	1258	99.3	96.5	100.4
1990	1400	99.5	96.6	100.2
1991	1478	99.5	96.7	100.2
1992	1422	99.4	96.7	100.0
1993	1845	99.6	96.9	99.9
1994	2519	99.9	97.2	99.9
1995	2481	99.8	97.1	100.0
1996	2242	100.0	97.2	100.0
1997	1992	100.1	97.3	100.0
1998	1820	100.6	97.9	99.6
1999	1741	100.8	98.0	99.5
2000	1580	100.6	97.8	99.3
2001	1584	101.0	98.2	99.4
2002	1367	101.1	98.3	99.3
2003	1299	101.1	98.4	99.1
2004	1316	101.3	98.6	98.9
2005	1056	101.4	98.6	99.0
2006	972	101.5	98.7	98.6
2007	879	101.9	99.1	99.0
2008	784	101.5	98.7	99.4
2009	709	101.7	98.9	99.4
2010	646	102.1	99.3	99.5
2011	604	102.4	99.7	99.8
2012	579	102.8	100.1	99.8
2013	428	103.0	100.2	99.6
2014	401	103.0	100.3	99.7
2015	386	103.1	100.3	99.8
2016	389	103.2	100.4	100.2
2017	289	102.9	100.1	100.4
2018	211	103.4	100.8	100.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	860	-2473.7	-8991.9	-418.7	-358.8
2002	669	-2390.0	-8653.8	-404.4	-346.7
2003	644	-2258.4	-8061.6	-380.9	-328.6
2004	605	-2155.0	-7596.4	-361.1	-315.0
2005	489	-2068.5	-7201.4	-350.5	-300.8
2006	476	-1795.7	-6155.0	-301.8	-262.8
2007	425	-1681.7	-5775.3	-284.5	-245.1
2008	436	-1657.8	-5710.4	-277.0	-243.4
2009	331	-1684.8	-5667.5	-283.2	-246.9
2010	292	-1238.6	-3892.5	-203.6	-184.8
2011	275	-958.5	-2822.7	-153.7	-145.7
2012	258	-966.8	-2961.5	-157.8	-145.1
2013	250	-744.7	-2016.9	-117.1	-115.0
2014	257	-662.2	-1687.4	-101.2	-104.1
2015	217	-621.6	-1510.5	-95.0	-98.0
2016	109	-447.1	-842.0	-64.3	-73.3

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

Jaar	Aantal	Eff	Int	Gewen
1980	38	95.9	105.5	98.9
1981	26	95.3	104.9	99.0
1996	12	96.8	107.9	98.2
1997	19	97.2	108.1	98.3
1998	14	97.4	106.6	98.4
1999	17	97.5	106.6	98.2
2000	25	98.4	106.2	98.7
2001	22	97.9	106.4	98.5
2002	24	97.5	106.0	98.2
2003	31	97.9	105.9	98.0
2004	32	98.3	106.4	98.2
2005	35	98.7	106.5	98.5
2006	50	98.3	106.0	98.2
2007	44	98.1	105.4	98.4
2008	64	98.4	105.0	98.8
2009	47	98.7	104.7	98.5
2010	61	98.8	106.1	99.2
2011	60	97.9	106.0	98.7
2012	46	98.8	104.5	98.3
2013	67	98.5	106.7	98.4
2014	71	98.4	107.0	98.5
2015	66	98.1	110.0	99.0
2016	57	98.4	112.2	98.5

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	20619	98.4	101.7	0	0.0	0	0.0
1982	14969	98.4	101.3	1	-2.6	0	0.0
1983	12827	98.6	101.3	0	0.0	0	0.0
1984	9411	98.8	101.4	0	0.0	0	0.0
1985	7384	98.9	101.3	9901	-3.8	0	0.0
1986	5040	99.0	101.3	6009	-3.7	0	0.0
1987	3577	99.0	101.0	3889	-3.6	0	0.0
1988	3334	98.9	100.7	3429	-3.5	0	0.0
1989	2997	98.7	100.2	3013	-3.4	0	0.0
1990	2545	98.7	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	-3.0	0	0.0
1993	1682	99.0	100.2	1696	-2.9	0	0.0
1994	1667	99.5	100.1	1683	-2.7	0	0.0
1995	1549	99.4	100.0	1586	-2.5	0	0.0
1996	1460	99.7	100.2	1496	-2.4	0	0.0
1997	1192	100.3	100.1	1215	-2.3	0	0.0
1998	1080	100.1	99.9	1111	-2.2	0	0.0
1999	918	100.3	99.9	960	-2.2	0	0.0
2000	817	100.4	99.8	910	-2.1	0	0.0
2001	755	100.3	99.7	891	-2.0	286	90.3
2002	600	100.3	99.6	698	-1.9	219	89.7
2003	572	100.5	99.9	681	-1.8	223	90.3
2004	532	100.4	100.2	630	-1.9	210	90.2
2005	431	100.5	99.9	526	-1.8	161	89.8

2006	436	100.5	99.6	490	-1.7	141	89.8
2007	391	100.2	100.1	454	-1.7	60	88.9
2008	412	99.8	99.6	464	-1.6	55	88.5
2009	307	99.8	99.4	346	-1.7	44	88.4
2010	296	99.9	99.6	303	-1.5	28	86.6
2011	277	100.0	99.7	278	-1.4	32	85.7
2012	256	100.3	99.4	256	-1.2	21	86.3
2013	250	100.9	99.9	250	-1.2	21	86.6
2014	254	100.7	100.1	254	-1.0	3	91.7
2015	217	101.1	99.5	217	-1.1	1	94.0
2016	108	100.6	99.6	108	-0.9	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	-1184.6	-44.6	-54.7	-63.7	16.9	-20.8	-17.6	-337.3
1981	56	-1224.5	-39.3	-55.7	-65.5	30.5	-20.4	-17.6	-330.7
1982	41	-1199.0	-35.2	-54.4	-64.3	35.8	-19.5	-17.7	-316.3
1983	20	-1277.7	-43.1	-56.0	-67.8	27.3	-17.4	-17.7	-340.6
1984	22	-1131.7	-39.4	-50.1	-61.3	21.5	-15.6	-17.5	-306.7
1985	24	-1069.9	-40.0	-49.1	-58.4	15.2	-18.1	-17.1	-302.8
1986	20	-1115.5	-41.4	-51.4	-60.4	16.6	-18.9	-17.4	-315.8
1987	16	-1099.0	-32.9	-48.0	-59.7	30.9	-13.7	-17.1	-283.9
1988	10	-1245.0	-45.3	-51.8	-66.3	20.1	-10.9	-17.5	-327.5
1990	22	-1041.4	-33.5	-45.4	-57.0	25.5	-12.8	-17.2	-273.7
1991	14	-915.3	-22.2	-35.5	-51.5	34.6	-2.6	-17.3	-207.7
1993	11	-1009.0	-31.5	-46.9	-55.6	25.6	-17.8	-17.2	-275.4
1994	23	-983.2	-29.7	-42.2	-54.5	26.0	-10.3	-17.2	-251.9
1995	33	-1272.6	-51.2	-51.9	-67.7	11.5	-9.0	-17.9	-340.7
1996	20	-1045.4	-36.4	-42.5	-57.4	20.9	-6.2	-17.4	-267.8
1997	24	-1269.0	-50.5	-49.5	-67.5	12.0	-4.9	-17.6	-329.2
1998	21	-1084.2	-35.5	-45.9	-59.2	25.0	-10.5	-17.5	-280.7
1999	30	-936.3	-35.0	-42.7	-52.5	12.8	-14.1	-17.2	-264.3
2000	24	-1070.7	-40.6	-44.8	-56.5	14.3	-8.9	-13.8	-285.9
2001	31	-1056.5	-40.5	-41.6	-54.6	12.9	-4.5	-11.5	-272.2
2002	27	-1055.4	-39.5	-42.7	-52.5	14.4	-6.8	-7.6	-274.1
2003	35	-1013.4	-36.8	-42.3	-52.8	15.9	-8.7	-11.4	-266.4
2004	28	-811.5	-25.4	-35.1	-38.9	19.9	-8.7	-3.0	-209.0
2005	32	-975.7	-29.8	-40.0	-46.4	26.1	-6.6	-2.8	-240.4
2006	28	-941.0	-33.1	-39.2	-42.6	16.5	-7.8	1.4	-243.2
2007	15	-959.3	-31.5	-37.6	-47.1	21.0	-3.5	-5.5	-234.4
2008	26	-664.2	-22.7	-30.7	-31.3	13.2	-10.0	-0.9	-182.8
2009	22	-826.5	-29.0	-33.5	-41.2	14.6	-5.0	-6.0	-210.9
2010	21	-977.7	-37.6	-37.9	-49.2	11.2	-2.3	-8.2	-249.1
2011	16	-873.5	-27.1	-33.4	-41.3	21.4	-1.6	-1.6	-206.1
2012	17	-650.7	-22.8	-29.1	-30.9	10.6	-8.5	-1.5	-176.7
2013	16	-586.6	-19.8	-26.6	-29.4	11.4	-8.4	-4.2	-159.3
2014	12	-512.8	-11.2	-22.8	-24.5	20.0	-6.4	-1.7	-124.7
2015	11	-922.4	-33.9	-40.5	-45.2	12.1	-11.8	-4.9	-250.6

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
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1980	151	88.2	92.6	91.0	96.1	95.6	86.7	96.7
1981	140	88.8	92.0	90.9	96.4	95.1	86.8	96.6
1982	100	89.8	91.4	91.2	97.0	94.8	86.6	96.9
1983	51	89.1	92.6	91.2	96.8	96.1	87.5	97.4
1984	24	89.3	93.2	91.1	96.8	96.8	87.1	98.2
1985	14	89.9	91.5	91.3	97.5	94.9	86.8	97.7
1986	11	89.4	92.5	91.5	97.6	96.0	88.4	97.3
2003	11	89.4	95.3	92.1	97.5	100.6	89.7	100.2

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

Jaar	Aantal	BA	BZ	KH	BG
1980	151	92.6	96.4	87.6	89.1
1981	140	92.4	97.0	87.3	89.6
1982	100	92.7	97.2	87.5	89.7
1983	51	92.5	96.8	88.6	89.5
1984	24	92.0	97.6	88.1	89.0
1985	14	92.8	97.1	88.0	89.9
1986	11	92.5	96.5	88.6	89.7
2003	11	94.5	98.8	93.3	92.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	151	98.3	94.7	97.6	100.0	95.2	95.9	92.7
1981	140	98.0	95.0	98.1	100.4	95.5	96.0	92.4
1982	100	98.6	95.8	98.0	100.7	96.2	95.9	93.3
1983	51	98.4	95.4	97.7	100.2	95.3	95.3	92.6
1984	24	97.5	95.1	98.8	99.0	94.8	95.2	92.7
1985	14	98.2	95.9	97.6	100.4	96.0	96.4	93.9
1986	11	99.3	96.1	98.0	101.2	96.0	96.3	93.7
2003	11	98.2	96.7	101.6	100.3	95.3	96.5	94.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	151	85.8	91.4	97.8	86.6	99.8	86.2
1981	140	85.6	90.9	98.0	87.1	99.3	86.4
1982	100	85.5	91.1	98.4	87.3	98.4	86.7
1983	51	86.6	92.5	97.8	87.2	99.5	86.9
1984	24	87.1	93.0	96.9	86.8	100.7	86.5
1985	14	85.9	91.9	98.2	87.6	98.7	87.0
1986	11	86.9	92.7	98.9	87.2	99.5	87.6
2003	11	90.5	97.4	98.0	91.1	102.9	90.9

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

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	410	105.5	104.5	108.0	106.5	105.0	102.2	91.4	107.5
1981	364	105.1	104.3	107.6	106.1	104.7	101.7	91.5	107.1
1982	280	104.8	104.2	107.3	105.9	104.6	101.7	91.8	106.9
1983	181	104.3	103.7	106.4	105.1	103.9	101.3	91.8	106.1
1984	70	104.7	103.2	106.4	104.9	104.1	100.9	92.2	105.9
1985	43	105.0	102.8	106.1	104.6	104.4	101.3	91.7	105.6
1986	29	104.5	103.4	106.2	105.0	104.1	100.7	92.1	105.9
1987	25	104.2	103.6	106.0	105.0	103.6	100.5	92.2	105.8
1988	15	104.1	102.9	105.6	104.5	103.7	101.5	92.1	105.3
1989	18	104.4	101.8	104.4	103.5	102.8	100.6	90.8	104.3
1990	28	104.2	102.7	105.1	104.1	103.2	101.1	92.6	104.8
1991	22	104.7	102.0	105.2	103.6	103.4	101.5	92.9	104.6
1992	11	103.6	101.4	104.2	102.4	102.5	101.2	92.5	103.5
1993	22	104.9	101.0	104.5	102.7	103.1	100.9	91.8	103.9
1994	30	103.7	102.2	104.4	103.5	102.8	101.0	92.7	104.2
1995	42	104.8	102.5	105.3	104.2	103.7	101.5	92.3	105.0
1996	36	104.2	103.1	105.4	104.7	103.6	100.9	93.3	105.2
1997	37	104.5	103.0	105.5	104.6	103.9	100.5	91.8	105.3
1998	41	104.9	102.4	105.1	104.1	104.0	100.9	91.0	104.8
1999	46	104.8	102.2	105.0	104.2	103.8	100.8	90.8	104.9
2000	40	104.8	103.0	105.2	104.6	103.9	100.4	91.2	105.2
2001	47	104.2	102.9	105.0	104.2	103.7	100.5	92.9	104.8
2002	51	104.2	102.9	104.9	104.5	103.5	100.2	92.4	105.0
2003	64	104.9	102.0	104.6	104.0	103.6	100.6	92.1	104.5
2004	39	104.7	101.9	104.5	103.7	103.9	100.8	93.4	104.4
2005	50	104.7	102.6	105.0	104.4	104.1	101.1	92.3	105.0
2006	51	104.7	102.2	104.8	104.2	103.8	100.8	92.6	104.7
2007	32	104.8	101.8	104.4	103.6	103.7	100.4	91.9	104.3
2008	44	104.4	101.0	103.9	102.8	103.4	100.5	92.3	103.6
2009	61	104.9	102.0	104.6	103.9	103.8	100.3	92.2	104.5
2010	58	104.7	101.8	104.5	103.7	103.7	100.6	92.5	104.4
2011	48	104.5	102.4	104.6	104.1	103.6	99.9	92.2	104.6
2012	56	104.4	101.9	104.2	103.8	103.3	100.4	92.9	104.3
2013	37	104.5	102.3	104.6	104.1	103.6	100.5	92.9	104.6
2014	29	104.9	100.9	104.0	102.9	103.6	100.9	93.4	103.7
2015	28	105.5	100.4	104.1	102.8	103.5	101.4	92.5	103.8
2016	32	104.0	101.3	103.9	103.1	103.0	100.7	93.5	103.8

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	96.7	82.4	99.2	104.2	105.8
1981	31	98.5	87.1	98.2	104.1	105.7
1982	25	98.3	80.6	98.0	103.2	105.0
1983	10	97.4	66.0	97.2	103.6	105.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	58	-127.4	-337.3	-173.0	105.7	107.5	97.8	86.6	98.9

1981	56	-131.0	-330.7	-133.9	105.6	107.1	98.0	87.1	99.4
1982	40	-141.1	-316.3	-183.7	104.8	106.9	98.4	87.3	98.8
1983	20	-165.1	-340.6	-145.0	105.1	106.1	97.8	87.2	100.0
1984	22	-159.5	-306.7	-317.9	105.2	105.9	96.9	86.8	97.8
1985	24	-158.3	-302.8	-425.4	104.8	105.6	98.2	87.6	98.3
1986	20	-157.6	-315.8	-432.6	104.6	105.9	98.9	87.2	98.6
1987	16	-136.9	-283.9	-497.0	104.3	105.8	97.8	86.2	98.3
1988	10	-141.6	-327.5	-474.3	104.3	105.3	100.5	90.5	97.2
1990	22	-143.7	-273.7	-525.7	102.8	104.8	99.0	89.1	100.0
1991	14	-131.2	-207.7	-425.7	102.6	104.6	98.2	87.6	99.8
1993	11	-142.8	-275.4	-484.7	102.4	103.9	100.0	89.0	100.6
1994	23	-127.7	-251.9	-374.1	103.1	104.2	99.0	90.2	99.8
1995	33	-185.0	-340.7	-476.9	103.4	105.0	97.4	89.4	99.8
1996	20	-141.6	-267.8	-356.9	104.1	105.2	98.0	90.0	99.0
1997	24	-151.9	-329.2	-438.5	103.0	105.3	98.8	90.6	99.1
1998	21	-128.8	-280.7	-382.4	102.7	104.8	98.8	89.3	99.2
1999	30	-129.7	-264.3	-401.4	103.2	104.9	99.6	89.9	99.3
2000	24	-134.0	-285.9	-395.1	102.9	105.2	99.2	90.8	99.4
2001	31	-109.5	-272.2	-243.3	103.2	104.8	98.0	91.3	100.1
2002	27	-124.5	-274.1	-320.3	102.4	105.0	99.1	91.1	100.0
2003	35	-131.0	-266.4	-379.6	102.1	104.5	98.0	91.1	99.7
2004	28	-111.4	-209.0	-302.3	102.1	104.4	99.3	91.8	100.2
2005	32	-122.6	-240.4	-374.3	101.8	105.0	97.5	89.5	99.9
2006	28	-113.3	-243.2	-359.8	102.0	104.7	99.0	92.0	99.8
2007	15	-118.4	-234.4	-359.3	102.5	104.3	99.5	89.0	99.8
2008	24	-83.3	-182.8	-258.2	102.4	103.6	100.0	90.0	99.8
2009	22	-89.0	-210.9	-245.0	102.5	104.5	98.6	90.8	100.3
2010	21	-116.9	-249.1	-295.3	102.1	104.4	97.0	89.7	100.5
2011	16	-91.9	-206.1	-291.6	102.2	104.6	0.0	0.0	100.3
2012	17	-90.8	-176.7	-222.2	102.6	104.3	97.0	91.0	100.3
2013	16	-81.6	-159.3	-223.3	102.8	104.6	100.0	86.0	100.8
2014	12	-59.1	-124.7	-212.2	102.9	103.7	100.5	90.5	100.4
2015	11	-132.7	-250.6	-305.1	102.3	103.8	100.9	90.0	100.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	35	98.2	99.9	98.2	99.9	99.7	97.5
1981	42	98.7	100.4	98.7	100.4	100.5	97.5
1982	29	98.7	99.7	98.7	99.7	100.4	96.8
1990	11	100.1	100.4	100.1	100.4	101.7	97.5
1991	12	99.3	100.1	99.3	100.1	101.1	98.0
1994	14	99.4	100.6	99.4	100.6	101.6	98.7
1995	27	99.5	100.9	99.5	100.9	101.5	98.9
1996	23	98.2	100.6	98.2	100.6	100.1	99.1
1997	30	98.5	100.5	98.5	100.5	100.5	99.2
1998	31	98.5	100.2	98.5	100.2	100.8	98.9
1999	28	99.1	100.2	99.1	100.2	101.2	99.4
2000	34	98.8	100.3	98.8	100.3	101.0	99.4
2001	45	99.2	100.6	99.2	100.6	101.4	99.6
2002	48	99.0	100.6	99.0	100.6	101.4	99.5
2003	51	99.1	98.6	99.1	98.6	101.5	97.3
2004	39	99.3	100.7	99.3	100.7	101.6	99.3
2005	42	99.2	100.7	99.2	100.7	101.5	99.3
2006	49	99.0	100.7	99.0	100.7	101.3	99.2
2007	28	98.6	101.0	98.6	101.0	100.6	99.2
2008	34	98.7	101.1	98.7	101.1	100.7	99.8
2009	44	99.2	98.8	99.2	98.8	101.3	97.4
2010	38	99.3	101.4	99.3	101.4	101.3	99.5

2011	34	98.6	101.3	98.6	101.3	100.7	99.6
2012	47	99.3	101.1	99.3	101.1	101.6	99.7
2013	29	99.4	101.5	99.4	101.5	101.8	99.6
2014	28	99.3	101.2	99.3	101.2	102.1	99.6
2015	23	99.4	97.0	99.4	97.0	102.0	94.8
2016	26	99.4	97.4	99.4	97.4	102.2	95.5
2017	31	99.5	91.6	99.5	91.6	101.9	89.8
2018	13	99.2	93.6	99.2	93.6	102.0	91.7

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	53	102.2	96.9	99.4	75.4	81.0	78.5
1981	56	102.9	95.9	99.4	75.3	82.9	80.4
1982	43	100.6	97.4	101.3	57.3	58.0	56.3
1983	32	102.5	97.9	98.9	45.7	47.6	45.7
1984	16	100.2	96.9	102.0	35.7	38.5	37.5
1990	10	100.8	97.1	101.2	75.4	78.3	81.4
1991	12	101.8	95.8	100.0	47.3	50.1	49.0
1995	16	101.4	97.6	99.6	46.1	51.1	51.2
1996	10	100.0	97.8	101.2	55.4	61.2	60.1
1997	19	101.4	97.2	99.9	52.4	59.1	60.1
1998	18	104.4	99.7	96.7	75.6	85.3	85.5
1999	27	102.6	98.0	98.5	50.8	57.1	56.9
2000	20	102.8	98.1	98.2	73.9	80.8	80.3
2001	23	104.5	99.0	96.5	63.3	72.0	71.5
2002	24	104.2	97.5	96.7	80.3	88.5	87.6
2003	38	102.3	97.8	99.0	74.7	82.9	82.7
2004	32	104.0	96.1	97.2	78.7	84.6	84.1
2005	38	103.2	98.2	98.0	85.1	93.5	92.7
2006	35	103.2	97.3	98.1	85.3	92.2	93.5
2007	26	103.0	97.8	98.2	75.7	79.5	80.6
2008	34	102.7	97.1	98.4	71.0	77.2	76.1
2009	36	103.2	96.2	98.2	75.5	81.3	80.0
2010	30	102.4	97.4	98.7	77.9	84.2	83.6
2011	33	102.1	96.6	99.2	73.7	79.0	78.9
2012	38	101.6	97.2	99.8	78.8	85.1	83.8
2013	27	101.6	97.4	100.1	61.7	67.3	67.3
2014	18	102.8	99.2	98.6	65.5	73.4	73.8
2015	25	102.5	97.9	99.0	56.0	60.2	60.4
2016	20	103.2	98.9	98.8	69.0	75.7	76.3
2017	17	101.9	99.7	99.9	82.0	89.4	89.8
2018	20	100.8	99.3	100.5	32.1	35.5	35.3

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	51	100.3	100.8	95.3	94.1	107.5	93.9	101.5	93.4	105.1	94.1	94.2
1981	60	100.0	100.5	95.3	94.1	107.4	94.4	100.6	94.3	104.6	94.1	92.8
1982	53	99.7	99.9	94.6	93.9	106.4	94.4	100.6	94.3	104.8	94.0	92.5
1983	23	100.0	100.2	93.1	94.4	106.7	93.3	101.3	93.0	105.4	92.3	95.0
1984	14	100.6	100.4	94.4	94.6	107.1	93.8	101.7	93.4	105.9	93.6	96.3
1985	15	100.5	100.4	95.3	94.9	106.4	94.9	101.1	94.3	105.9	93.7	95.9
1986	12	100.5	101.2	95.2	94.8	106.9	94.5	101.4	93.3	105.8	94.3	95.7

1987	10	101.0	98.9	96.4	94.8	106.2	94.1	102.5	93.3	105.6	94.7	95.4
1989	11	99.1	98.6	94.7	94.6	103.6	95.2	100.7	94.5	103.1	93.7	94.8
1990	21	99.6	97.6	95.7	94.6	103.6	95.3	101.3	94.2	103.4	94.2	94.1
1991	17	99.2	96.8	96.2	94.0	103.2	94.9	100.9	93.8	102.1	93.8	94.1
1992	12	99.4	97.7	94.5	94.8	103.4	94.6	100.9	95.2	103.1	93.0	94.7
1993	18	99.2	97.2	95.5	94.8	102.9	95.7	100.3	95.1	103.6	94.3	93.8
1994	27	98.3	97.8	95.5	93.9	102.9	95.3	99.4	94.4	103.4	94.3	94.0
1995	36	98.5	99.0	95.3	94.0	104.3	95.7	99.2	94.6	105.2	94.7	92.6
1996	30	98.2	98.3	95.4	94.2	103.9	95.1	99.9	93.2	103.3	94.5	93.2
1997	36	99.2	99.5	94.3	94.2	105.2	95.1	100.0	94.0	105.5	94.1	94.2
1998	35	99.9	99.6	95.9	93.4	105.8	95.7	99.5	96.2	106.3	94.7	93.5
1999	42	99.9	99.2	96.0	93.4	105.9	95.6	100.0	95.4	105.8	95.1	93.2
2000	36	99.7	100.1	94.1	94.9	105.2	95.0	100.6	94.3	105.7	93.6	94.9
2001	41	98.5	99.2	93.9	94.4	104.3	95.8	99.4	93.2	106.0	93.5	95.5
2002	44	98.3	98.8	94.4	93.8	104.2	95.4	99.2	93.7	105.2	93.8	94.1
2003	53	98.4	97.8	95.3	93.7	103.4	95.8	99.3	94.6	103.9	94.4	93.0
2004	38	97.7	96.7	95.2	93.0	102.6	95.8	99.0	94.3	103.5	93.4	92.6
2005	40	98.8	98.3	94.5	93.2	104.4	95.7	99.4	94.7	105.3	93.9	92.9
2006	31	98.4	97.9	95.1	93.3	103.8	95.7	99.2	94.5	104.6	94.1	92.9
2007	13	97.6	96.4	96.1	93.6	101.7	96.9	99.0	94.5	101.9	95.6	91.8
2008	20	98.0	96.1	95.7	93.0	101.5	96.2	99.0	95.5	102.8	95.2	92.1
2009	20	97.5	97.2	95.3	93.2	102.5	96.5	98.5	94.7	103.2	94.4	92.2
2010	13	97.4	97.5	94.2	93.9	102.3	96.2	98.8	93.6	102.9	94.4	92.7

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	100.3	97.7	100.1
1982	31	100.4	97.6	99.7
1990	11	99.5	96.7	100.3
1991	14	99.5	96.9	100.9
1994	15	101.1	98.1	100.4
1995	30	100.9	98.2	100.6
1996	23	100.9	98.3	100.7
1997	33	100.9	98.2	100.0
1998	27	100.5	97.5	100.6
1999	25	100.4	97.5	100.3
2000	29	100.9	97.9	100.1
2001	28	101.0	98.0	99.7
2002	32	101.2	98.2	99.5
2003	42	101.5	98.5	100.3
2004	38	101.3	98.2	99.4
2005	36	101.5	98.3	100.1
2006	42	101.3	98.2	100.4
2007	33	100.9	98.0	100.4
2008	36	101.0	98.2	100.3
2009	46	102.1	99.2	100.2
2010	37	101.9	98.9	100.1
2011	34	101.4	98.5	100.6
2012	43	102.2	99.3	100.2
2013	24	101.9	98.8	100.4
2014	27	102.0	99.0	100.6
2015	17	101.9	98.8	100.9
2016	23	102.3	99.3	100.7
2017	29	103.0	100.2	100.6
2018	11	103.3	100.4	100.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	24	-2710.0	-9953.1	-471.4	-386.5
2002	25	-3190.0	-11974.2	-549.9	-456.3
2003	36	-3452.2	-13107.0	-598.7	-491.9
2004	28	-2920.8	-10918.5	-493.5	-422.9
2005	34	-3349.2	-12801.5	-572.2	-480.6
2006	27	-3228.6	-12091.1	-550.9	-463.9
2007	15	-3282.6	-12608.7	-560.4	-471.1
2008	27	-2630.5	-9692.2	-445.3	-380.3
2009	24	-2590.6	-9612.2	-443.8	-372.0
2010	21	-3004.5	-11306.7	-522.0	-427.5
2011	18	-2856.4	-10880.6	-486.8	-410.3
2012	16	-2330.5	-8487.6	-397.2	-336.1
2013	18	-2319.1	-8455.8	-394.5	-335.2
2014	17	-2184.9	-8134.5	-364.1	-318.9
2015	19	-2967.9	-11113.2	-502.8	-428.9

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	103.1	0	0.0	0	0.0
1981	56	98.0	101.9	0	0.0	0	0.0
1982	41	98.3	101.9	0	0.0	0	0.0
1983	20	98.6	102.0	0	0.0	0	0.0
1984	22	98.1	102.5	0	0.0	0	0.0
1985	24	97.9	103.0	28	-3.6	0	0.0
1986	20	98.8	103.0	25	-3.7	0	0.0
1987	16	97.8	102.6	17	-3.3	0	0.0
1988	10	97.7	102.7	10	-3.3	0	0.0
1990	22	99.4	102.5	22	-2.9	0	0.0
1991	14	97.4	101.1	14	-2.6	0	0.0
1993	11	96.2	99.3	11	-2.9	0	0.0
1994	23	97.4	101.9	23	-3.0	0	0.0
1995	33	98.2	102.0	33	-4.1	0	0.0
1996	20	99.2	101.9	20	-3.0	0	0.0
1997	24	99.0	102.2	24	-3.3	0	0.0
1998	21	98.4	101.2	22	-2.9	0	0.0
1999	30	98.7	101.3	31	-3.0	0	0.0
2000	24	98.3	101.6	24	-3.0	0	0.0
2001	31	98.5	101.8	31	-2.9	3	90.7
2002	27	99.3	101.3	27	-2.9	7	93.6
2003	35	98.3	101.8	36	-2.8	11	90.6
2004	28	98.6	100.2	28	-2.4	9	91.7
2005	32	98.3	101.8	35	-2.8	6	92.0
2006	28	98.7	101.4	28	-2.7	4	92.8
2007	15	99.7	101.6	16	-2.6	2	95.0
2008	26	99.9	101.2	28	-1.8	1	92.0
2009	22	100.5	101.8	27	-2.5	4	91.2
2010	21	100.6	101.6	23	-2.9	3	91.3
2011	16	100.7	101.2	18	-2.1	0	0.0
2012	17	101.7	102.2	17	-2.6	1	89.0
2013	16	100.2	101.9	17	-2.5	1	82.0
2014	12	101.2	101.7	12	-1.8	2	91.0

2015 11 100.3 102.9 11 -2.7 8 93.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14	-645.1	-31.1	-41.6	-39.0	-3.1	-30.4	-16.1	-247.6

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	99.8	89.6	97.6	104.2	87.2	90.5	94.9

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

Jaar	Aantal	BA	BZ	KH	BG
1980	17	91.1	103.3	83.6	89.6

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	17	102.9	98.5	96.5	103.9	102.2	100.3	97.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	17	88.0	91.5	103.8	86.8	89.8	90.2

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	18	100.4	101.4	102.2	101.1	101.3	103.3	97.8	101.8

Tabel: 100 Overige Friesian: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	14	-112.6	-247.6	113.6	104.3	101.8	103.8	86.8	99.2

Tabel: 101 Overige Friesian: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	14	97.8	100.4	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	-1281.0	-58.3	-54.9	-68.1	-2.1	-14.8	-17.8	-367.8
1981	16453	-1283.9	-57.6	-54.7	-68.2	-0.5	-14.2	-17.8	-365.8
1982	19892	-1254.6	-56.1	-53.6	-66.8	-0.0	-14.1	-17.7	-357.5
1983	26478	-1244.3	-55.1	-52.9	-66.4	1.0	-13.4	-17.7	-352.5
1984	33994	-1227.8	-55.0	-52.3	-65.6	-0.2	-13.3	-17.7	-349.8
1985	39069	-1217.6	-55.3	-51.8	-65.2	-1.6	-13.0	-17.7	-348.3
1986	36127	-1214.9	-54.8	-51.4	-65.0	-0.9	-12.3	-17.7	-345.2
1987	34313	-1215.3	-54.3	-50.9	-65.1	0.3	-11.2	-17.7	-342.1
1988	44034	-1219.2	-53.0	-51.2	-65.3	3.2	-11.4	-17.8	-340.6
1989	32010	-1249.7	-52.4	-50.9	-66.7	7.1	-8.8	-18.0	-338.9
1990	23405	-1187.6	-50.6	-48.4	-63.9	5.2	-8.3	-17.9	-323.9
1991	19902	-1060.7	-44.5	-44.1	-58.1	5.8	-8.8	-17.5	-291.9
1992	18841	-997.8	-42.5	-41.9	-55.2	4.2	-8.9	-17.3	-277.6
1993	18751	-893.3	-38.7	-37.9	-50.6	2.7	-8.5	-17.4	-251.7
1994	12675	-831.1	-37.3	-35.7	-48.4	0.1	-8.7	-18.4	-239.4
1995	9165	-783.1	-37.1	-34.3	-46.8	-3.4	-9.2	-19.3	-232.7
1996	6306	-680.6	-34.0	-30.5	-42.1	-5.9	-9.1	-18.9	-209.2
1997	4586	-595.5	-29.8	-27.2	-38.2	-5.2	-8.6	-18.8	-185.5
1998	3908	-571.1	-28.8	-25.4	-36.8	-5.2	-7.1	-18.1	-175.8
1999	3624	-531.4	-25.9	-22.8	-34.9	-3.3	-5.0	-17.9	-158.4
2000	3396	-437.7	-22.6	-19.7	-29.4	-4.6	-5.5	-15.6	-136.9
2001	3277	-370.9	-19.5	-17.5	-18.6	-4.4	-6.0	-2.5	-118.4
2002	2735	-275.7	-14.0	-13.5	-13.1	-2.2	-4.9	-0.6	-88.6
2003	2720	-267.9	-16.3	-13.1	-13.0	-6.6	-4.9	-1.1	-92.0
2004	2657	-246.0	-14.6	-11.5	-13.0	-5.5	-3.5	-2.7	-81.9
2005	2585	-219.2	-13.5	-10.3	-12.5	-5.5	-3.1	-3.8	-74.2
2006	2760	-84.3	-8.6	-4.9	-6.2	-7.1	-2.4	-3.7	-40.0
2007	2871	-102.7	-7.4	-5.2	-7.4	-4.2	-1.9	-4.2	-39.2
2008	2886	-66.3	-4.8	-3.4	-5.9	-2.5	-1.1	-4.4	-25.9
2009	2685	-0.8	-3.5	-1.3	-4.0	-4.9	-1.6	-6.2	-13.9
2010	2518	72.7	-0.9	0.3	-0.8	-5.8	-3.1	-6.4	-0.9
2011	2513	97.5	2.4	2.2	-0.1	-2.4	-1.7	-7.2	13.8
2012	2594	120.4	5.1	3.7	0.7	0.3	-0.6	-7.4	26.0
2013	2708	134.9	5.3	5.7	2.9	-0.6	1.6	-5.1	35.6
2014	2326	202.2	9.4	7.2	4.6	1.2	0.0	-7.1	50.6
2015	1946	217.6	11.5	7.6	5.1	3.3	-0.2	-7.5	57.0
2016	694	248.3	13.7	10.2	7.0	4.6	1.9	-6.7	72.5

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	50497	89.0	97.1	91.2	95.4	99.7	98.0	96.4
1981	51089	89.2	97.1	91.4	95.6	99.4	98.1	96.6
1982	49377	89.3	97.5	92.0	96.1	100.1	98.2	96.4
1983	47998	89.7	97.5	92.3	96.4	100.2	98.7	96.5
1984	41173	90.2	97.7	92.6	96.8	99.9	98.5	97.0
1985	36107	91.0	98.1	93.3	97.4	100.2	98.8	97.5
1986	26253	91.4	98.3	93.7	97.9	100.0	98.9	97.7
1987	20081	92.2	98.4	94.4	98.4	100.0	99.0	97.8
1988	21236	92.2	98.4	94.8	98.7	100.1	98.9	97.6
1989	13454	92.1	98.6	94.8	98.8	100.5	99.1	97.9
1990	9562	92.6	98.2	94.6	98.7	100.0	99.1	98.0
1991	8417	93.2	97.7	95.1	99.2	99.5	99.1	97.9
1992	7696	93.7	97.3	95.5	99.8	99.1	98.5	97.7
1993	6975	94.0	97.1	95.0	99.7	98.9	98.4	97.4
1994	4510	94.7	98.1	95.9	100.3	98.9	98.3	98.1
1995	3177	95.0	98.6	96.5	100.6	98.9	98.7	98.6
1996	2302	96.4	98.7	97.3	100.8	99.4	99.1	99.2
1997	1610	96.6	99.3	97.9	101.2	99.3	99.1	99.4
1998	1443	96.7	98.9	97.6	101.0	99.1	99.0	98.8
1999	1407	96.9	99.2	97.7	101.3	98.9	98.4	98.2
2000	1299	97.2	98.9	97.5	101.4	98.6	99.1	98.6
2001	1253	97.5	99.5	98.1	101.9	98.7	99.3	99.0
2002	1129	97.8	99.5	98.3	102.2	98.7	98.8	98.8
2003	1106	98.7	99.9	98.6	102.5	98.9	99.8	99.6
2004	1107	99.0	99.7	98.4	102.3	98.7	99.6	99.4
2005	1114	99.8	100.3	99.2	102.9	99.0	99.7	99.3
2006	1145	100.0	99.7	99.2	103.3	98.0	99.7	99.0
2007	1090	99.8	99.6	98.4	102.6	98.2	99.8	99.9
2008	1046	100.0	100.3	99.0	103.0	98.6	99.8	100.4
2009	1056	100.4	100.3	99.3	103.2	98.6	99.5	99.8
2010	1065	100.6	100.0	99.4	103.4	98.4	99.4	99.7
2011	1070	100.8	100.4	99.8	103.7	98.4	99.7	100.2
2012	1088	101.1	100.9	100.0	103.5	98.9	99.4	100.0
2013	1089	101.2	100.7	100.1	104.2	98.2	99.5	100.1
2014	894	101.4	100.7	99.9	103.7	98.4	100.0	100.5
2015	727	101.5	100.6	100.0	103.9	98.4	100.0	100.3
2016	150	101.5	100.3	100.4	104.5	97.8	99.7	99.9

Tabel: 104 Maas Rijn IJssel: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	50497	91.3	99.9	89.4	90.0
1981	51089	91.5	100.2	89.1	90.2
1982	49377	91.9	100.8	88.9	90.6
1983	47998	92.0	101.0	89.3	90.6
1984	41173	92.8	100.1	90.1	91.7
1985	36107	93.2	99.4	90.5	92.1
1986	26253	93.6	99.5	90.5	92.3
1987	20081	94.0	98.9	91.1	92.7

1988	21236	93.5	99.6	91.2	92.5
1989	13454	93.4	100.1	91.3	92.5
1990	9562	93.3	100.3	91.5	92.2
1991	8417	93.6	100.5	91.2	92.6
1992	7696	94.2	100.5	91.9	93.0
1993	6975	94.8	99.9	92.8	93.6
1994	4510	95.1	100.5	93.1	93.8
1995	3177	96.1	100.6	93.8	94.6
1996	2302	96.7	100.9	94.2	95.5
1997	1610	97.0	101.1	94.2	95.6
1998	1443	96.8	100.5	94.3	95.5
1999	1407	97.4	100.9	94.8	96.1
2000	1299	97.2	100.6	95.0	96.0
2001	1253	97.4	101.0	94.7	96.1
2002	1129	98.1	101.1	95.0	96.9
2003	1106	97.6	100.7	95.8	96.6
2004	1107	98.0	100.4	95.9	97.0
2005	1114	97.9	100.7	96.2	97.1
2006	1145	98.2	101.3	95.9	97.3
2007	1090	98.5	100.5	96.7	98.0
2008	1046	98.6	100.4	96.3	97.6
2009	1056	99.1	100.8	96.8	98.2
2010	1065	99.6	101.1	96.9	99.0
2011	1070	99.7	100.8	96.8	99.2
2012	1088	99.8	100.6	97.3	99.2
2013	1089	100.1	100.5	97.7	99.6
2014	894	100.6	100.3	97.8	100.2
2015	727	100.6	100.3	98.0	100.0
2016	150	101.0	100.5	98.1	100.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	50497	94.7	90.8	100.7	95.1	93.2	92.7	89.8
1981	51089	95.0	90.9	100.7	95.1	93.0	92.7	89.7
1982	49377	95.0	91.5	100.9	94.9	92.9	92.9	90.4
1983	47998	95.4	91.9	100.7	95.2	93.1	93.0	90.8
1984	41173	96.0	92.4	101.4	95.4	94.1	93.4	91.3
1985	36107	96.4	92.7	102.1	95.5	94.4	93.4	91.6
1986	26253	96.6	92.9	102.2	95.5	94.7	93.7	91.8
1987	20081	97.1	93.4	102.2	95.9	94.9	94.0	92.3
1988	21236	97.0	93.8	101.7	96.1	94.4	94.3	92.6
1989	13454	96.8	94.0	101.0	96.2	94.0	94.9	93.1
1990	9562	97.0	94.5	101.6	96.7	94.3	94.8	93.3
1991	8417	97.7	95.2	101.9	96.7	95.3	94.8	93.6
1992	7696	97.7	95.9	101.5	96.6	95.6	94.4	93.7
1993	6975	98.7	96.3	101.1	97.7	96.0	95.3	94.2
1994	4510	98.8	96.6	101.0	97.7	95.8	95.2	94.4
1995	3177	99.0	96.9	100.7	97.9	95.7	95.7	95.1
1996	2302	98.4	97.4	100.5	98.1	95.7	96.1	95.8
1997	1610	98.3	97.5	100.6	97.9	96.2	96.2	96.1
1998	1443	98.7	97.4	101.0	98.1	96.4	95.9	95.7
1999	1407	98.7	97.5	101.1	98.0	97.2	96.8	96.3
2000	1299	98.7	97.0	101.4	98.1	96.9	96.6	96.2
2001	1253	98.9	97.9	100.6	98.4	96.6	96.9	96.8
2002	1129	99.3	98.4	100.5	98.8	97.6	97.4	97.4
2003	1106	99.4	98.5	100.5	99.4	97.5	97.3	97.5
2004	1107	99.6	98.7	100.5	99.5	98.2	97.3	97.5
2005	1114	99.7	98.9	100.7	99.7	98.1	97.5	97.7

2006	1145	99.8	98.5	100.7	100.0	98.9	97.7	97.6
2007	1090	99.6	99.7	101.4	99.9	99.9	98.6	98.8
2008	1046	99.3	99.4	100.6	99.7	99.6	98.9	98.9
2009	1056	100.0	100.0	100.4	100.2	100.2	99.4	99.5
2010	1065	100.4	100.5	100.0	100.7	101.0	99.6	100.1
2011	1070	101.0	100.3	100.0	100.8	101.0	99.2	99.7
2012	1088	101.2	100.8	99.3	101.2	101.0	99.6	100.3
2013	1089	100.9	101.8	99.7	100.7	102.3	100.1	101.2
2014	894	101.7	101.7	98.9	101.3	101.7	99.7	100.7
2015	727	101.9	101.8	98.8	101.4	101.6	99.6	100.7
2016	150	101.8	102.4	98.8	101.4	102.6	100.2	101.3

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	50497	93.1	94.7	92.9	88.1	103.6	87.1
1981	51089	93.4	94.8	92.9	88.2	103.4	87.3
1982	49377	93.6	95.8	92.9	88.7	103.6	87.7
1983	47998	94.0	96.1	93.2	88.8	103.5	88.1
1984	41173	94.4	96.4	93.9	89.6	103.0	89.1
1985	36107	95.2	97.3	94.3	89.8	103.1	89.7
1986	26253	95.5	97.7	94.5	90.0	102.8	90.1
1987	20081	95.9	98.3	95.0	90.4	102.5	90.8
1988	21236	95.8	98.6	95.0	90.4	102.3	90.8
1989	13454	96.2	99.0	94.9	90.7	102.7	91.1
1990	9562	96.0	98.5	95.2	90.5	102.3	91.0
1991	8417	95.9	98.5	95.9	90.8	101.7	91.5
1992	7696	95.5	98.6	96.0	91.4	101.1	91.8
1993	6975	95.1	98.3	97.0	92.1	100.3	92.5
1994	4510	96.1	99.0	96.9	92.5	100.5	93.1
1995	3177	96.9	99.4	97.0	93.4	100.7	93.9
1996	2302	97.7	100.2	96.9	94.4	101.0	94.7
1997	1610	98.2	100.5	96.9	94.6	100.9	95.0
1998	1443	97.6	100.1	97.2	94.5	100.7	94.9
1999	1407	97.1	100.2	97.5	95.2	100.6	95.3
2000	1299	97.5	99.9	97.4	95.1	100.2	95.3
2001	1253	98.3	100.6	97.4	95.2	100.3	95.7
2002	1129	98.0	100.8	98.1	95.9	100.3	96.4
2003	1106	99.1	101.3	98.4	95.8	100.7	96.8
2004	1107	98.7	101.0	98.8	96.1	100.5	97.0
2005	1114	99.1	101.5	98.8	96.3	100.8	97.4
2006	1145	98.8	101.0	99.3	96.5	100.0	97.5
2007	1090	99.1	101.0	99.6	97.2	100.1	98.2
2008	1046	99.6	101.6	99.3	96.8	100.5	98.1
2009	1056	99.4	101.6	100.0	97.5	100.4	98.7
2010	1065	99.2	101.7	100.6	98.3	100.0	99.4
2011	1070	99.9	102.0	100.8	98.5	100.2	99.9
2012	1088	99.9	102.1	101.0	98.6	100.7	100.0
2013	1089	99.9	102.2	101.2	99.1	100.0	100.4
2014	894	100.3	102.1	101.5	99.6	100.3	101.0
2015	727	100.3	102.2	101.5	99.6	100.2	101.0
2016	150	99.9	102.1	102.0	100.0	99.5	101.3

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	94936	104.5	104.6	106.6	105.3	103.3	102.2	88.8	106.2
1981	101719	104.8	104.5	106.6	105.4	103.6	102.1	88.6	106.3
1982	97889	104.3	104.4	106.3	105.1	103.1	102.2	88.3	105.9
1983	96630	104.2	104.1	105.9	104.7	102.9	101.9	88.7	105.5
1984	87948	103.8	104.1	105.4	104.4	102.5	102.2	88.8	105.2
1985	79473	103.4	103.8	104.9	104.1	102.0	102.1	89.7	104.7
1986	63965	103.2	103.7	104.6	103.9	101.8	101.7	89.9	104.5
1987	53420	103.3	103.4	104.4	103.7	101.8	101.9	90.0	104.3
1988	55466	103.8	102.8	104.2	103.2	102.0	102.2	89.6	103.9
1989	38788	104.0	102.7	104.2	103.2	102.2	102.2	89.5	104.0
1990	28065	103.8	102.5	103.8	102.8	102.0	102.4	89.8	103.5
1991	24649	102.9	102.4	103.2	102.3	101.6	102.0	90.5	103.0
1992	23862	102.7	102.6	103.1	102.5	101.8	102.1	91.4	103.0
1993	23274	102.7	102.3	102.9	102.3	102.0	102.0	91.7	102.8
1994	15891	102.6	101.5	102.3	101.5	101.4	101.9	91.7	102.1
1995	11535	102.4	101.6	102.0	101.4	101.3	101.4	91.6	101.9
1996	8022	101.9	102.0	101.8	101.5	101.1	101.0	93.4	101.8
1997	5923	101.7	101.6	101.4	101.1	100.9	100.9	93.8	101.4
1998	5102	101.6	101.7	101.3	101.1	101.0	100.9	94.0	101.3
1999	4646	101.8	101.3	101.2	101.0	101.2	101.3	94.6	101.2
2000	4204	101.7	101.1	101.0	100.8	101.1	101.6	94.7	101.0
2001	4047	101.5	100.8	100.5	100.3	100.7	101.0	94.7	100.5
2002	3401	101.1	100.5	100.0	99.9	100.3	100.6	95.3	99.9
2003	3475	100.9	100.8	99.9	100.1	100.3	99.9	96.2	100.0
2004	3324	101.0	101.0	100.1	100.3	100.7	100.2	96.7	100.2
2005	3163	100.9	101.0	100.0	100.3	100.6	100.4	97.4	100.2
2006	3327	100.5	100.6	99.6	99.8	100.5	100.7	97.7	99.7
2007	3518	100.7	100.6	99.7	100.0	100.7	100.8	98.2	99.8
2008	3556	100.8	100.6	99.6	99.9	100.6	100.7	98.5	99.7
2009	3157	100.8	100.7	99.8	100.1	100.8	100.8	98.7	99.9
2010	2973	100.7	100.6	99.5	99.9	100.7	100.5	99.2	99.6
2011	3015	100.4	100.4	99.1	99.5	100.4	100.2	99.5	99.2
2012	3120	100.2	100.4	98.9	99.5	100.1	99.5	99.7	99.1
2013	3263	100.9	99.9	99.2	99.4	100.6	100.3	99.4	99.2
2014	2741	100.5	100.0	99.0	99.3	100.3	99.8	100.3	99.0
2015	2374	100.8	99.7	99.0	99.3	100.5	100.5	100.5	99.0
2016	1404	101.0	99.6	99.1	99.2	100.8	100.9	100.5	99.0

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	10878	96.9	88.5	98.8	102.3	102.8
1981	11024	96.9	89.0	98.4	101.8	102.6
1982	11177	97.0	90.3	98.1	101.6	102.4
1983	12598	97.5	91.2	97.9	101.2	102.1
1984	13270	97.2	92.5	97.8	100.9	101.8
1985	12729	97.3	93.3	97.5	100.6	101.7
1986	10397	97.5	94.0	97.4	100.6	101.6
1987	8720	97.9	95.1	97.2	100.4	101.5
1988	10182	98.0	95.7	97.6	100.6	101.9
1989	6916	98.2	95.7	97.6	100.3	101.7
1990	5418	97.9	95.6	97.7	100.4	101.7
1991	6857	98.5	96.0	97.7	100.4	101.6
1992	7693	98.6	96.3	97.4	100.1	101.2
1993	6896	98.9	97.3	98.1	100.8	101.4
1994	4321	98.9	97.2	97.8	100.4	100.9
1995	3048	99.2	97.0	97.4	100.0	100.3

1996	2169	99.8	96.6	98.2	100.1	100.7
1997	1498	99.7	96.9	97.8	99.9	100.4
1998	1363	99.8	97.1	97.9	99.7	100.5
1999	1305	99.6	97.3	97.6	99.2	100.0
2000	1212	99.3	98.0	98.1	99.7	100.5
2001	1171	99.4	97.7	97.7	99.2	100.1
2002	1034	99.8	98.3	98.5	99.7	100.5
2003	1004	99.6	97.9	98.2	99.3	100.3
2004	973	99.4	98.2	98.8	99.7	100.7
2005	947	99.5	98.3	98.2	99.0	100.2
2006	950	99.7	98.7	98.3	99.0	100.2
2007	948	99.7	99.3	98.8	99.5	100.8
2008	867	99.8	99.3	98.8	99.2	100.6
2009	898	99.6	99.0	99.3	99.5	100.8
2010	911	99.9	99.8	99.5	99.7	100.7
2011	878	100.0	100.4	99.8	99.6	100.6
2012	890	100.0	100.2	100.2	100.0	100.7
2013	870	99.7	100.0	100.1	99.9	101.0
2014	756	100.2	100.3	99.7	99.6	100.4
2015	571	100.4	100.7	99.6	99.6	100.2
2016	137	100.2	100.5	100.4	100.3	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	15906	-172.3	-367.8	-262.9	102.9	106.2	92.9	88.1	97.9
1981	16442	-178.2	-365.8	-286.6	102.5	106.3	92.9	88.2	98.0
1982	19880	-181.1	-357.5	-301.4	102.3	105.9	92.9	88.7	97.9
1983	26468	-184.6	-352.5	-329.3	102.0	105.5	93.2	88.8	97.7
1984	33985	-185.5	-349.8	-390.7	101.6	105.2	93.9	89.6	98.2
1985	39068	-192.4	-348.3	-461.2	101.4	104.7	94.3	89.8	98.2
1986	36123	-196.3	-345.2	-520.6	101.3	104.5	94.5	90.0	98.1
1987	34312	-197.3	-342.1	-571.3	101.2	104.3	95.0	90.4	98.4
1988	44034	-199.6	-340.6	-602.7	101.5	103.9	95.0	90.4	98.4
1989	32010	-200.2	-338.9	-624.1	101.2	104.0	94.9	90.7	98.2
1990	23405	-195.8	-323.9	-589.3	101.3	103.5	95.2	90.5	98.0
1991	19902	-181.5	-291.9	-536.4	101.2	103.0	95.9	90.8	97.9
1992	18841	-175.0	-277.6	-507.4	100.8	103.0	96.0	91.4	97.8
1993	18751	-147.4	-251.7	-443.1	101.3	102.8	97.0	92.1	97.9
1994	12675	-151.8	-239.4	-436.9	100.8	102.1	96.9	92.5	97.9
1995	9164	-145.6	-232.7	-407.9	100.2	101.9	97.0	93.4	98.0
1996	6306	-127.1	-209.2	-337.8	100.5	101.8	96.9	94.4	98.3
1997	4586	-121.1	-185.5	-317.3	100.2	101.4	96.9	94.6	98.3
1998	3908	-113.0	-175.8	-290.1	100.2	101.3	97.2	94.5	98.4
1999	3624	-102.0	-158.4	-288.1	99.6	101.2	97.5	95.2	98.5
2000	3396	-87.5	-136.9	-238.4	100.2	101.0	97.4	95.1	98.8
2001	3277	-87.4	-118.4	-213.0	99.7	100.5	97.4	95.2	98.8
2002	2735	-66.3	-88.6	-156.4	100.2	99.9	98.1	95.9	98.7
2003	2720	-67.9	-92.0	-144.1	99.9	100.0	98.4	95.8	98.6
2004	2657	-50.8	-81.9	-88.4	100.3	100.2	98.8	96.1	98.8
2005	2585	-51.6	-74.2	-104.9	99.7	100.2	98.8	96.3	98.7
2006	2760	-34.9	-40.0	-33.7	99.6	99.7	99.3	96.5	99.0
2007	2871	-25.4	-39.2	-18.4	100.3	99.8	99.6	97.2	99.1
2008	2886	-27.3	-25.9	-51.5	100.1	99.7	99.3	96.8	99.4
2009	2685	-14.9	-13.9	-22.7	100.3	99.9	100.0	97.5	99.5
2010	2518	-3.9	-0.9	29.4	100.3	99.6	100.6	98.3	99.4
2011	2513	-0.9	13.8	30.8	100.3	99.2	100.8	98.5	99.2
2012	2594	3.2	26.0	23.6	100.4	99.1	101.0	98.6	99.1
2013	2708	12.9	35.6	35.0	100.6	99.2	101.2	99.1	99.5

2014	2326	18.4	50.6	57.2	100.1	99.0	101.5	99.6	99.5
2015	1946	19.4	57.0	56.1	100.0	99.0	101.5	99.6	99.5
2016	694	40.3	72.5	125.3	100.6	99.0	102.0	100.0	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	96.9	98.5	97.6	98.0	99.8	99.2
1991	11	95.3	96.5	98.0	95.9	96.0	100.0	98.5
1992	14	96.8	97.2	98.7	97.1	97.1	100.9	98.7
1993	48	96.0	97.6	98.1	95.5	98.9	97.5	100.0
1994	117	96.3	96.9	98.5	95.8	99.0	99.7	100.2
1995	446	96.4	97.0	98.6	95.9	99.0	99.6	100.2
1996	251	97.1	97.8	98.7	96.8	98.4	100.6	99.5
1997	351	97.0	97.6	98.7	96.8	98.3	100.6	99.6
1998	417	96.9	97.7	98.5	96.7	98.3	100.4	99.5
1999	483	96.7	97.7	98.3	96.5	98.6	99.4	99.6
2000	397	96.6	98.1	98.1	96.2	98.9	98.6	99.7
2001	390	97.2	98.3	98.7	96.6	99.2	99.3	100.1
2002	479	98.1	98.7	98.8	97.8	99.3	100.4	100.3
2003	532	98.2	98.7	98.9	98.0	99.4	100.4	100.3
2004	627	97.7	98.5	98.8	97.4	99.0	99.6	99.8
2005	550	98.3	98.8	99.2	98.1	99.1	100.3	100.0
2006	659	98.2	99.2	98.7	97.9	99.2	100.3	100.0
2007	698	98.5	99.3	99.1	98.4	99.1	99.7	99.6
2008	734	97.7	98.8	98.6	97.7	98.8	99.3	99.5
2009	757	97.8	98.9	98.3	97.6	98.9	99.5	99.8
2010	742	98.8	99.5	98.8	98.4	99.5	100.6	100.6
2011	724	99.3	99.6	99.2	98.9	99.2	101.0	100.5
2012	673	99.4	99.6	99.3	98.7	99.5	100.9	100.4
2013	727	99.8	100.6	99.4	98.5	100.2	99.8	100.4
2014	582	100.1	100.4	99.7	98.8	100.0	100.8	100.5
2015	416	99.6	99.5	99.6	98.6	99.5	101.0	100.5
2016	69	99.4	99.2	99.4	98.5	99.1	100.8	100.5

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	13110	97.4	99.0	97.4	99.0	99.2	99.1
1981	12664	97.5	99.2	97.5	99.2	99.4	99.3
1982	14626	96.9	99.4	96.9	99.4	98.8	99.3
1983	18020	97.0	98.9	97.0	98.9	98.6	99.3
1984	20698	97.4	99.1	97.4	99.1	99.1	99.3
1985	21751	97.7	99.1	97.7	99.1	99.1	98.8
1986	18996	97.8	99.1	97.8	99.1	99.4	98.9
1987	17649	97.6	99.4	97.6	99.4	99.2	98.7
1988	21818	97.6	99.5	97.6	99.5	99.2	98.9
1989	17408	97.5	99.3	97.5	99.3	99.2	99.0
1990	15500	97.3	99.5	97.3	99.5	98.9	99.0
1991	18043	97.3	99.5	97.3	99.5	99.1	99.2
1992	18849	97.4	99.4	97.4	99.4	99.0	99.0
1993	22966	97.7	99.3	97.7	99.3	100.1	99.0
1994	17667	97.8	99.1	97.8	99.1	100.2	98.8
1995	15353	97.9	99.2	97.9	99.2	100.2	98.8

1996	11636	98.2	99.2	98.2	99.2	99.8	99.0
1997	9103	98.1	99.3	98.1	99.3	99.8	99.1
1998	7935	98.1	99.4	98.1	99.4	99.7	99.1
1999	7452	98.3	99.4	98.3	99.4	100.3	99.0
2000	6669	98.8	99.4	98.8	99.4	101.1	99.2
2001	5840	99.0	99.3	99.0	99.3	101.1	98.9
2002	5204	98.5	99.4	98.5	99.4	101.0	98.9
2003	5190	98.6	99.3	98.6	99.3	100.5	98.8
2004	4975	98.7	99.5	98.7	99.5	100.6	99.1
2005	4561	98.6	99.4	98.6	99.4	100.5	99.1
2006	4550	98.9	99.6	98.9	99.6	100.9	99.5
2007	4430	98.9	99.8	98.9	99.8	101.2	99.3
2008	4465	98.9	100.1	98.9	100.1	101.1	99.9
2009	4427	98.9	100.2	98.9	100.2	100.9	99.7
2010	4254	98.8	100.2	98.8	100.2	100.5	99.7
2011	4129	98.8	100.1	98.8	100.1	100.6	99.6
2012	4001	98.6	100.1	98.6	100.1	100.5	99.6
2013	4145	99.0	100.2	99.0	100.3	101.0	99.5
2014	3772	98.6	100.5	98.6	100.5	100.8	99.8
2015	3545	98.5	100.5	98.5	100.6	101.0	99.8
2016	3167	98.6	100.5	98.6	100.6	101.0	99.7
2017	2713	98.8	100.5	98.8	100.5	101.2	99.8
2018	2012	98.4	100.5	98.4	100.6	100.9	99.7

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	19096	95.3	101.5	105.2	82.4	81.1	81.7
1981	18832	94.9	101.7	105.5	82.6	80.7	81.1
1982	20096	94.2	101.8	106.4	85.8	82.8	83.9
1983	34484	93.4	102.1	107.3	90.7	86.8	87.4
1984	32904	96.1	101.0	104.6	92.0	90.4	90.9
1985	27860	96.4	100.3	104.2	93.6	94.4	93.2
1986	22546	94.7	101.1	105.8	94.0	92.4	92.2
1987	19118	97.1	100.5	103.2	95.8	95.0	95.4
1988	19747	97.4	100.3	102.9	97.7	96.0	95.8
1989	12286	96.0	99.8	104.5	97.3	95.0	94.9
1990	9525	96.9	100.6	103.5	95.6	95.4	95.9
1991	10180	96.3	101.1	104.0	96.8	97.3	97.7
1992	9983	96.6	101.4	103.9	96.6	97.5	97.4
1993	8660	97.8	100.1	102.7	96.3	98.0	98.6
1994	5570	97.6	100.7	103.1	97.0	97.9	98.6
1995	5064	97.9	100.4	102.6	97.3	97.8	97.7
1996	3874	98.2	100.8	102.4	97.9	97.7	97.6
1997	2758	97.9	100.5	102.7	98.7	98.0	97.9
1998	2282	98.4	100.3	102.2	98.1	98.7	98.5
1999	2316	98.9	99.9	101.6	98.1	98.1	99.0
2000	2242	98.1	99.6	102.4	99.1	98.2	99.2
2001	2146	98.2	99.7	102.3	99.1	97.8	98.4
2002	1841	98.0	99.4	102.4	98.7	97.4	97.8
2003	1992	97.8	99.8	102.6	99.0	98.6	99.5
2004	2084	97.6	99.6	102.9	99.8	98.7	98.9
2005	2159	97.7	99.5	102.7	99.9	99.3	99.4
2006	2269	97.6	100.0	102.9	100.4	98.8	99.3
2007	2908	98.3	99.3	102.0	99.1	99.0	100.7
2008	3055	97.7	99.6	102.6	100.1	98.9	100.6
2009	3095	97.6	99.9	102.8	100.5	99.6	100.4
2010	2942	97.7	99.9	102.6	100.3	99.9	100.0
2011	2853	97.6	99.9	102.9	100.1	99.8	99.3

2012	2664	97.5	99.9	102.9	100.3	100.0	99.6
2013	2655	98.7	99.1	101.6	99.0	100.3	100.8
2014	2521	98.4	99.7	101.9	100.1	100.0	100.1
2015	2365	98.5	99.3	101.5	99.7	100.2	99.8
2016	1886	98.5	99.4	101.6	99.6	100.2	100.3
2017	1623	98.2	99.3	102.0	100.0	99.4	99.1
2018	1135	98.2	99.2	101.9	99.6	99.2	98.7

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	16949	106.9	107.6	97.2	99.9	111.1	95.8	105.1	99.4	111.3	97.3	103.2
1981	17629	106.6	107.6	97.1	100.0	111.0	96.0	104.9	99.1	111.1	97.3	103.2
1982	18396	106.6	107.6	96.9	100.4	110.7	96.1	105.0	99.0	110.8	97.8	102.9
1983	21279	106.4	107.3	96.8	100.2	110.5	96.2	104.7	98.8	110.9	97.8	103.8
1984	23272	106.1	106.5	96.9	99.9	110.1	96.1	104.5	99.0	110.3	97.8	102.9
1985	23104	106.1	106.1	96.4	100.3	109.7	96.1	104.5	99.2	109.8	97.3	103.6
1986	20288	105.9	105.9	96.6	100.3	109.4	96.2	104.5	99.0	109.4	97.4	103.1
1987	18324	105.7	105.7	96.6	100.5	109.1	96.1	104.4	99.1	109.1	97.1	103.1
1988	21810	105.4	105.8	96.9	100.5	108.8	96.3	103.9	99.3	109.0	97.6	102.5
1989	16967	105.8	106.2	96.9	100.6	109.3	96.5	104.2	99.5	109.4	97.8	102.8
1990	15039	105.3	105.8	97.2	100.4	108.5	96.7	103.9	99.4	108.7	97.9	102.4
1991	16016	104.7	104.6	97.2	100.0	107.0	96.7	103.4	99.8	107.4	97.7	102.0
1992	18620	104.3	103.8	97.8	99.6	106.3	96.9	103.1	99.9	106.7	98.0	101.5
1993	19386	104.3	103.8	98.6	99.2	106.5	97.1	102.9	100.3	106.6	98.6	100.9
1994	13730	103.5	103.4	98.5	99.6	105.4	97.4	102.5	99.6	105.8	98.7	100.7
1995	10236	103.1	103.2	98.7	99.6	104.9	97.7	102.1	99.5	105.5	98.9	100.3
1996	8635	102.5	102.9	97.9	100.2	103.8	97.8	101.6	99.5	104.9	98.4	100.7
1997	7432	102.0	102.3	98.2	100.0	103.1	98.0	101.2	99.5	104.4	98.5	100.3
1998	5758	102.1	101.9	98.5	99.7	102.9	98.0	101.2	100.1	103.9	98.8	100.1
1999	6062	102.3	102.2	98.8	100.1	103.3	98.4	101.4	100.1	104.1	99.5	100.0
2000	4860	102.4	102.1	99.1	100.1	103.1	98.4	101.6	100.4	103.7	99.9	99.5
2001	4487	101.7	101.4	99.4	99.6	102.1	98.8	101.0	100.0	103.1	99.9	99.3
2002	4502	101.8	101.4	99.3	99.9	102.0	98.8	101.1	100.1	103.2	99.6	99.7
2003	4342	101.3	101.5	98.6	100.3	101.3	98.9	100.5	100.2	102.9	99.0	100.1
2004	4127	101.5	101.4	98.9	100.1	101.6	98.9	100.7	100.2	103.0	99.4	99.9
2005	3799	101.5	101.2	98.7	100.6	101.0	98.8	100.9	100.3	102.3	99.3	100.1
2006	3790	101.1	100.5	99.6	99.8	100.7	99.3	100.5	100.6	101.9	100.0	99.0
2007	3400	100.7	100.6	99.3	99.1	101.0	99.4	99.8	100.3	102.4	99.3	98.9
2008	3304	100.9	100.4	99.1	99.6	100.7	99.3	100.3	100.2	102.2	99.2	99.2
2009	3174	100.7	100.4	99.5	100.0	100.2	99.8	100.2	100.1	102.2	99.9	99.2
2010	2867	100.0	99.7	99.3	99.6	99.2	99.8	99.8	99.8	101.4	99.5	98.9
2011	2342	99.5	99.4	99.0	99.5	98.7	100.0	99.4	99.6	101.0	99.4	99.0
2012	1608	99.1	99.6	99.1	99.8	98.2	100.5	99.1	99.2	101.0	99.6	99.1
2013	1464	99.0	99.1	98.6	99.6	98.2	100.3	99.3	98.7	100.4	98.9	98.9
2014	1020	98.7	99.0	98.5	99.5	97.8	100.4	99.0	98.9	100.3	99.0	99.0
2015	721	98.7	99.0	98.5	99.6	97.8	100.5	98.9	98.9	100.2	98.9	98.9
2016	145	98.4	98.2	98.4	99.2	97.4	100.2	98.8	98.8	99.6	98.5	98.5

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	13116	97.0	96.4	102.2
1981	12618	97.6	96.9	102.1

1982	14652	97.4	96.8	102.1
1983	18207	97.5	96.8	102.2
1984	21168	96.7	96.1	102.1
1985	22300	96.2	95.7	102.0
1986	19667	96.5	95.9	101.8
1987	18175	96.0	95.4	101.6
1988	22605	96.1	95.5	102.1
1989	18053	96.2	95.7	102.3
1990	16194	95.8	95.5	102.2
1991	17950	95.6	95.4	102.0
1992	18126	95.9	95.7	101.9
1993	24484	95.8	95.7	102.1
1994	22574	96.2	96.1	102.0
1995	17403	96.5	96.5	101.9
1996	13020	97.2	97.2	101.6
1997	10371	97.6	97.5	101.3
1998	9025	97.7	97.6	101.4
1999	8406	98.5	98.1	101.4
2000	7429	98.8	98.4	101.7
2001	6430	99.0	98.4	101.4
2002	5762	99.6	98.9	101.2
2003	5706	99.7	98.9	100.6
2004	5490	99.6	98.6	100.5
2005	4955	99.5	98.6	100.5
2006	4928	99.7	98.7	100.4
2007	4764	100.4	99.2	101.0
2008	4861	100.2	98.9	100.6
2009	4788	99.8	98.6	99.8
2010	4586	100.7	99.5	99.8
2011	4468	100.7	99.5	99.6
2012	4284	101.1	99.8	99.6
2013	4478	101.1	99.8	99.7
2014	4131	101.3	99.9	99.8
2015	3923	101.9	100.3	99.6
2016	3532	101.8	100.3	99.6
2017	3108	102.0	100.6	99.7
2018	2175	102.0	100.6	99.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	3275	-2134.3	-7565.3	-385.5	-297.5
2002	2743	-1693.5	-5872.0	-307.8	-235.4
2003	2717	-1632.0	-5545.8	-303.1	-223.9
2004	2659	-1255.9	-4086.1	-238.0	-170.6
2005	2589	-1324.3	-4380.1	-251.1	-179.6
2006	2762	-771.5	-2181.3	-159.6	-99.1
2007	2872	-662.1	-1810.9	-135.9	-85.7
2008	2890	-818.0	-2502.0	-162.8	-107.7
2009	2688	-589.1	-1520.5	-126.0	-74.1
2010	2531	-206.4	92.2	-59.5	-20.2
2011	2521	-145.7	195.3	-45.7	-12.8
2012	2609	-145.6	118.2	-42.9	-13.9
2013	2723	-27.5	516.8	-28.0	5.9
2014	2343	172.2	1351.9	12.4	31.1
2015	1898	168.4	1293.8	16.7	28.2
2016	532	685.8	3234.7	103.4	103.5

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

Jaar	Aantal	Eff	Int	Gewen
1980	22	97.8	104.1	100.5
1981	36	97.1	103.1	100.6
1982	121	97.4	102.2	99.6
1983	417	97.8	101.8	99.5
1984	532	99.8	102.8	100.5
1985	609	100.7	103.2	100.9
1986	500	100.5	103.2	101.0
1987	429	100.4	103.2	100.9
1988	267	100.6	102.9	101.1
1989	74	99.2	103.0	100.6
1990	128	98.0	101.8	99.5
1991	220	98.7	101.1	99.4
1992	294	99.0	101.5	99.7
1993	394	99.7	101.4	100.3
1994	195	98.1	101.8	100.5
1995	163	97.6	102.4	100.7
1996	165	98.7	103.1	100.1
1997	123	99.2	103.2	100.3
1998	136	98.8	102.9	100.4
1999	148	99.5	102.8	100.8
2000	173	99.4	102.5	100.8
2001	176	98.6	103.5	100.7
2002	166	99.1	103.5	100.6
2003	175	99.1	103.6	100.7
2004	226	98.9	103.1	100.8
2005	252	99.5	103.6	100.6
2006	253	99.3	103.8	100.5
2007	304	99.8	103.3	100.9
2008	325	99.6	103.3	100.7
2009	375	99.7	103.1	100.5
2010	355	99.6	103.3	100.9
2011	426	99.7	103.7	100.9
2012	449	99.8	104.7	100.8
2013	471	100.0	105.3	100.8
2014	412	100.4	106.1	101.0
2015	321	100.8	107.1	101.1
2016	130	100.8	107.6	100.7

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	16453	99.5	101.8	0	0.0	0	0.0
1982	19892	99.3	102.1	0	0.0	0	0.0
1983	26478	99.2	101.7	0	0.0	0	0.0
1984	33994	99.5	101.7	0	0.0	0	0.0
1985	39069	99.4	101.5	52657	-3.7	0	0.0
1986	36127	99.1	101.3	43510	-3.5	0	0.0
1987	34313	98.8	101.1	37877	-3.3	0	0.0
1988	44034	98.4	100.4	45122	-3.1	0	0.0
1989	32010	98.1	100.2	32258	-3.1	0	0.0
1990	23405	98.2	100.3	23526	-3.0	0	0.0

1991	19902	98.3	100.1	20096	-2.8	0	0.0
1992	18841	98.6	100.3	19065	-2.7	0	0.0
1993	18751	99.0	100.7	18770	-2.5	0	0.0
1994	12675	98.9	100.3	12688	-2.3	0	0.0
1995	9165	99.5	100.4	9168	-2.2	0	0.0
1996	6306	99.8	100.8	6312	-1.8	0	0.0
1997	4586	99.5	100.2	4589	-1.6	0	0.0
1998	3908	99.5	100.4	3909	-1.6	0	0.0
1999	3624	99.5	99.9	3625	-1.4	0	0.0
2000	3396	99.8	100.0	3397	-1.3	0	0.0
2001	3277	100.0	100.1	3278	-1.1	1253	97.6
2002	2735	100.1	100.2	2744	-0.9	1129	97.6
2003	2720	99.7	99.9	2720	-0.7	1106	98.5
2004	2657	100.0	100.0	2658	-0.7	1107	98.4
2005	2585	99.5	99.4	2586	-0.5	1114	99.2
2006	2760	100.0	99.5	2761	-0.4	1145	98.5
2007	2871	100.0	99.6	2872	-0.4	1090	98.4
2008	2886	99.9	99.1	2887	-0.2	1046	99.3
2009	2685	100.1	99.0	2685	-0.1	1056	99.4
2010	2518	100.3	99.2	2522	-0.0	1065	99.2
2011	2513	100.4	99.2	2517	0.1	1070	99.7
2012	2594	100.5	99.6	2598	0.3	1088	100.3
2013	2708	100.2	99.8	2713	0.3	1089	99.9
2014	2326	100.8	99.7	2340	0.5	894	100.2
2015	1946	100.9	99.5	1983	0.5	727	100.1
2016	694	100.6	99.5	984	0.7	150	99.7
2017	0	0.0	0.0	423	0.9	0	0.0
2018	0	0.0	0.0	199	1.0	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	-2441.4	-69.5	-79.8	-110.9	55.5	9.0	0.7	-506.7
1987	42	-2179.1	-69.1	-74.5	-98.9	36.9	2.9	0.6	-480.3
1988	24	-2363.9	-69.8	-80.0	-107.3	49.6	4.3	0.9	-506.7
1991	37	-2234.4	-73.9	-74.1	-101.4	33.2	6.3	0.7	-489.3
1992	61	-2150.1	-75.0	-72.6	-97.6	26.2	4.3	0.6	-484.8
1993	88	-2119.9	-73.3	-69.9	-96.2	27.5	7.1	0.7	-469.5
1994	32	-1885.7	-53.5	-61.4	-85.5	39.3	6.7	0.6	-389.7
1995	36	-1918.7	-52.7	-58.7	-87.0	43.6	12.7	0.7	-377.4
1996	40	-1771.6	-51.9	-56.6	-80.3	35.4	8.2	0.6	-365.4
1997	25	-1511.0	-47.2	-47.0	-68.6	25.1	8.5	0.4	-312.5
1998	20	-1654.2	-45.6	-49.5	-75.0	36.3	12.2	0.7	-321.4

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	87.1	97.8	90.1	89.2	105.7	100.0	94.7
1982	28	87.0	97.3	89.6	89.3	104.4	99.2	96.2
1983	37	87.6	98.0	90.2	89.8	105.4	99.5	96.0
1984	40	87.6	98.0	90.8	90.0	104.8	98.7	96.3
1985	49	86.6	97.3	90.3	89.5	105.5	98.3	95.0
1986	22	86.4	98.7	91.5	89.6	105.7	97.0	95.2

1987	21	87.3	97.0	90.8	90.6	104.0	99.3	96.1
1991	20	88.2	98.6	92.3	90.9	105.1	99.7	96.0
1992	34	88.3	98.1	91.0	90.1	105.0	99.4	97.0
1993	43	88.3	98.7	91.2	90.1	105.0	99.3	96.8
1994	13	89.2	100.4	93.5	92.1	105.5	99.1	98.1
1995	16	89.9	99.8	94.2	92.9	104.6	99.9	97.4
1996	16	89.6	101.2	94.7	92.9	105.8	100.4	97.1

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

Jaar	Aantal	BA	BZ	KH	BG
1981	18	92.4	98.9	93.6	89.5
1982	28	91.4	99.8	92.6	88.3
1983	37	92.7	100.1	94.6	89.5
1984	40	91.5	101.1	92.6	88.8
1985	49	93.4	98.7	94.7	90.6
1986	22	93.0	98.9	94.6	90.5
1987	21	93.9	100.9	94.1	91.1
1991	20	93.6	100.7	93.3	91.5
1992	34	94.6	100.3	94.1	92.1
1993	43	95.4	100.4	94.8	93.0
1994	13	94.6	100.6	94.1	92.6
1995	16	93.2	101.4	93.4	92.2
1996	16	94.5	101.1	93.2	93.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1981	18	92.6	89.8	100.3	94.1	86.2	90.4	89.1
1982	28	90.1	88.0	100.8	92.1	85.5	88.9	87.8
1983	37	90.8	89.1	100.5	92.8	85.5	89.2	88.4
1984	40	91.6	89.5	99.8	92.8	87.0	89.7	89.1
1985	49	92.1	89.7	100.3	93.1	87.3	91.0	89.8
1986	22	92.4	89.8	100.8	92.8	88.1	91.8	90.7
1987	21	92.2	89.8	101.2	92.5	88.5	91.2	89.9
1991	20	92.0	90.6	100.5	92.2	87.9	91.5	90.2
1992	34	92.4	90.8	100.8	93.1	87.7	90.1	89.9
1993	43	93.8	92.0	99.0	94.3	90.0	91.6	91.3
1994	13	93.6	92.9	100.7	92.3	89.2	90.7	90.5
1995	16	93.6	93.7	98.7	92.9	87.8	91.8	92.1
1996	16	93.4	93.3	99.9	92.7	88.2	93.6	92.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	18	93.0	94.0	88.5	88.4	0.0	84.8
1982	28	93.3	93.2	85.9	87.2	0.0	82.8
1983	37	93.7	94.4	86.7	88.8	0.0	84.3
1984	40	93.6	94.4	87.6	87.5	0.0	84.0

1985	49	92.3	94.0	88.4	89.1	0.0	84.9
1986	22	92.5	94.8	88.9	89.2	0.0	85.4
1987	21	93.5	94.2	88.9	90.4	0.0	86.1
1991	20	94.5	95.2	88.5	90.5	0.0	86.6
1992	34	94.4	94.8	88.6	91.2	0.0	86.8
1993	43	94.6	94.9	90.8	92.2	0.0	88.7
1994	13	96.4	97.3	89.6	91.5	0.0	88.6
1995	16	96.4	97.2	89.3	90.9	0.0	88.0
1996	16	97.3	98.6	89.7	91.9	0.0	89.2

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	11	105.1	107.2	109.9	108.4	105.4	102.1	88.0	109.4
1981	30	104.4	107.6	109.6	108.9	105.1	102.0	89.4	109.5
1982	81	104.7	107.5	109.6	109.0	105.2	101.5	89.8	109.5
1983	79	104.2	106.7	108.8	107.9	104.6	101.9	89.7	108.5
1984	122	104.0	106.9	108.7	108.0	104.5	101.9	90.1	108.6
1985	175	104.9	106.8	109.3	108.3	105.2	102.0	88.3	109.1
1986	100	104.8	106.4	109.0	108.1	105.0	101.8	88.5	108.8
1987	79	104.8	105.6	108.3	107.1	104.4	102.3	89.2	107.9
1988	56	105.6	105.7	108.7	107.4	104.8	102.1	89.0	108.4
1990	11	104.7	105.7	107.9	106.7	104.2	102.2	89.5	107.6
1991	41	105.6	104.5	107.8	106.3	104.6	102.4	90.0	107.3
1992	76	105.6	104.4	107.6	106.2	104.5	102.2	90.5	107.1
1993	106	104.8	104.5	107.2	106.1	104.2	101.6	91.1	106.9
1994	35	104.6	104.1	106.4	105.5	103.5	101.6	90.9	106.2
1995	44	105.0	103.5	106.6	105.1	103.9	101.4	90.9	106.1
1996	46	104.0	103.7	106.1	104.9	103.5	101.4	92.3	105.7
1997	29	104.1	101.7	105.1	103.2	102.8	100.8	92.3	104.4
1998	25	103.6	102.2	104.6	103.2	102.0	100.8	92.8	104.1

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1987	20	98.2	96.2	98.2	101.1	103.8
1991	16	100.0	99.1	98.4	100.4	102.6
1992	32	100.0	98.6	97.6	100.1	102.5
1993	41	99.6	96.7	98.6	101.1	103.7
1994	12	100.8	99.9	98.5	100.9	103.2
1995	15	100.3	99.1	98.6	100.3	103.1
1996	13	99.0	98.9	97.9	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	-208.8	-506.7	-400.0	103.3	108.8	88.9	89.2	99.8
1987	42	-198.5	-480.3	-468.6	103.0	107.9	88.9	90.4	99.8
1988	24	-216.9	-506.7	-526.2	102.8	108.4	87.3	88.3	100.2

1991	37	-228.9	-489.3	-543.4	101.9	107.3	88.5	90.5	97.9
1992	61	-220.7	-484.8	-471.3	101.8	107.1	88.6	91.2	99.4
1993	88	-206.4	-469.5	-477.0	102.8	106.9	90.8	92.2	99.3
1994	32	-191.8	-389.7	-450.3	102.5	106.2	89.6	91.5	99.2
1995	36	-181.6	-377.4	-428.9	102.1	106.1	89.3	90.9	99.4
1996	40	-173.1	-365.4	-379.5	101.8	105.7	89.7	91.9	99.6
1997	25	-153.9	-312.5	-336.8	101.4	104.4	91.1	94.1	100.1
1998	20	-172.2	-321.4	-464.1	101.2	104.1	87.7	93.6	99.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	29	98.5	100.8	98.5	100.8	97.8	100.8
1988	11	99.0	100.3	99.0	100.3	98.8	101.4
1991	36	97.3	99.6	97.3	99.6	96.4	98.9
1992	65	98.1	100.8	98.1	100.8	97.7	100.2
1993	87	97.9	100.8	97.9	100.8	97.9	99.8
1994	37	97.7	100.9	97.7	100.9	98.0	99.9
1995	46	98.6	100.3	98.6	100.3	98.9	99.3
1996	58	98.8	100.7	98.8	100.7	98.5	100.3
1997	39	99.6	100.8	99.6	100.8	99.9	99.9
1998	40	99.4	100.1	99.4	100.1	99.5	99.0
1999	14	99.9	100.5	99.9	100.5	99.4	99.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1986	10	97.3	103.5	102.2	87.2	89.3	89.8
1987	30	100.3	101.9	99.5	98.5	99.9	98.3
1991	19	96.5	104.3	102.8	95.9	101.3	98.6
1992	25	98.5	102.1	101.2	98.8	100.2	96.9
1993	30	97.2	103.6	102.4	97.9	101.0	97.2
1994	10	96.2	102.8	103.6	78.3	80.6	81.4
1995	13	98.0	101.5	101.6	96.7	100.5	100.2
1996	21	99.1	101.6	100.6	99.1	102.1	98.6
1997	10	97.3	100.4	102.4	88.4	90.2	86.8
1998	11	97.7	102.4	102.4	88.9	92.2	89.3

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	105.0	112.0	94.2	100.9	110.6	95.6	104.0	98.0	110.5	97.4	102.9
1988	10	104.9	113.7	93.6	100.6	112.0	94.9	103.8	97.0	112.2	97.2	102.3
1991	32	107.2	113.8	93.1	102.3	112.5	94.8	106.5	97.4	112.5	96.7	105.0
1992	58	106.0	112.7	93.3	102.2	110.8	95.7	105.1	97.8	111.0	97.1	104.2
1993	81	105.8	112.2	93.8	102.2	110.3	95.7	105.1	97.8	110.3	97.2	104.5
1994	30	106.7	113.5	94.2	103.1	110.8	96.3	105.6	98.5	111.0	97.3	106.4
1995	34	105.9	113.4	94.4	103.3	109.9	96.8	104.3	99.4	110.6	97.3	106.0
1996	55	105.0	111.9	94.2	102.5	108.9	96.6	104.1	98.2	109.8	96.9	105.1

1997	35	104.7	110.9	95.5	101.3	109.1	96.9	103.1	98.9	110.1	98.0	103.9
1998	31	103.9	109.8	95.5	101.0	108.5	96.5	103.0	97.7	109.0	96.4	103.7
1999	11	104.6	111.3	95.0	102.7	108.7	96.5	103.5	98.9	108.7	97.3	104.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	32	98.1	100.1	98.8
1988	11	98.2	99.9	98.5
1991	36	96.9	99.1	99.0
1992	65	97.2	99.6	99.1
1993	97	97.3	99.6	99.0
1994	45	97.3	99.7	98.6
1995	57	98.2	100.4	99.2
1996	69	97.9	100.3	98.5
1997	48	98.5	100.6	99.0
1998	54	98.4	100.3	99.0
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	-5.8	0	0.0
1986	12	97.3	101.2	30	-5.4	0	0.0
1987	42	96.3	99.7	42	-4.5	0	0.0
1988	24	97.1	100.2	25	-4.8	0	0.0
1991	37	95.1	98.3	37	-4.3	0	0.0
1992	61	95.0	99.2	63	-4.3	0	0.0
1993	88	95.8	99.5	89	-4.2	0	0.0
1994	32	96.9	100.1	32	-3.2	0	0.0
1995	36	97.0	99.6	36	-3.3	0	0.0
1996	40	96.0	99.8	40	-3.0	0	0.0
1997	25	97.1	98.6	25	-2.9	0	0.0
1998	20	97.1	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	-1765.6	-70.2	-72.8	-80.6	14.2	-14.4	-0.4	-470.1
1981	63	-1877.5	-74.1	-75.9	-85.7	16.8	-12.9	-0.3	-492.5
1982	213	-1765.6	-72.4	-72.2	-80.6	11.2	-13.3	-0.4	-472.4
1983	381	-1744.5	-70.9	-71.9	-79.6	12.0	-13.9	-0.3	-467.5
1984	793	-1710.3	-68.2	-70.1	-78.1	13.9	-12.9	-0.4	-454.2
1985	1958	-1824.4	-66.9	-72.0	-83.3	24.6	-9.5	-0.4	-460.7
1986	3431	-1828.6	-69.2	-71.8	-83.4	21.4	-8.9	-0.3	-464.9
1987	5233	-1871.1	-72.0	-72.5	-85.4	20.2	-7.5	-0.4	-474.0
1988	8886	-1884.5	-70.4	-71.8	-86.0	24.0	-5.5	-0.4	-468.3
1989	10836	-1827.3	-68.5	-69.6	-83.4	23.0	-5.1	-0.4	-454.4
1990	15628	-1801.1	-68.7	-68.7	-82.2	20.5	-5.2	-0.4	-450.6

1991	22468	-1731.2	-64.1	-63.8	-79.0	22.4	-1.5	-0.4	-419.7
1992	25335	-1673.6	-64.2	-62.4	-76.4	17.9	-2.6	-0.3	-413.5
1993	24830	-1612.5	-64.3	-60.1	-73.6	13.4	-2.5	-0.3	-403.4
1994	32034	-1463.7	-51.6	-53.0	-66.8	22.0	0.1	-0.3	-345.6
1995	35783	-1412.4	-48.1	-51.0	-64.5	23.7	0.3	-0.3	-329.4
1996	33717	-1309.4	-44.2	-47.6	-59.8	22.3	-0.1	-0.3	-306.0
1997	32872	-1211.9	-41.4	-44.0	-55.3	19.8	0.0	-0.3	-283.8
1998	31003	-1162.7	-38.7	-41.6	-53.1	20.4	0.9	-0.3	-267.8
1999	27021	-1084.3	-34.7	-39.1	-49.5	20.7	0.5	-0.3	-247.9
2000	20339	-961.0	-32.6	-36.3	-43.8	15.8	-1.8	-0.1	-230.5
2001	17488	-809.5	-30.9	-30.8	-36.2	8.7	-1.7	1.0	-202.3
2002	12289	-716.5	-27.7	-28.5	-31.8	7.2	-3.0	1.2	-184.5
2003	12057	-622.0	-19.7	-23.3	-28.6	11.9	-0.6	-0.2	-145.5
2004	11087	-512.4	-12.7	-18.6	-23.7	14.5	0.5	-0.5	-109.9
2005	8720	-445.3	-10.4	-15.5	-20.6	13.7	1.4	-0.4	-91.4
2006	8103	-378.2	-9.4	-13.0	-17.4	11.1	1.5	-0.2	-78.3
2007	6989	-325.8	-6.0	-10.3	-15.1	12.2	2.4	-0.3	-59.5
2008	6428	-260.6	-5.6	-8.1	-12.1	8.9	2.3	-0.3	-48.5
2009	5365	-261.1	-7.5	-8.3	-11.5	6.4	2.1	0.6	-53.1
2010	4578	-179.9	-5.5	-5.2	-8.2	4.3	2.3	0.0	-35.1
2011	4218	-121.2	-3.2	-3.1	-5.2	3.8	2.2	0.4	-21.0
2012	4097	-70.3	-1.7	-1.3	-2.9	2.9	2.1	0.4	-9.8
2013	3811	-46.6	-0.8	0.2	-1.9	2.6	3.0	0.3	-1.3
2014	3271	27.2	0.5	2.8	1.5	0.1	2.8	0.4	12.9
2015	2544	14.1	0.3	3.9	2.1	0.6	4.7	1.8	17.0
2016	1306	19.2	1.0	3.1	3.6	1.0	3.5	3.3	16.1

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	90.3	96.9	90.9	91.3	101.8	97.2	96.5
1981	67	89.3	96.2	90.4	91.1	101.7	97.6	96.5
1982	249	89.2	97.3	91.0	91.4	101.7	97.7	97.2
1983	413	89.4	97.6	91.2	91.6	102.1	97.8	97.0
1984	778	88.9	97.4	91.1	91.4	101.8	97.7	96.5
1985	1563	88.4	97.1	90.8	91.0	102.2	97.6	95.3
1986	2445	88.4	97.2	91.1	91.2	102.2	97.1	95.5
1987	3496	88.6	98.1	91.2	91.0	102.7	97.6	96.4
1988	5030	88.5	98.0	91.1	90.9	102.9	97.7	96.4
1989	5538	88.8	98.2	91.3	91.1	102.7	97.7	96.4
1990	8386	89.1	98.5	91.3	91.1	102.9	98.0	97.0
1991	13140	89.8	98.4	91.7	91.5	102.6	98.0	97.4
1992	15353	89.9	98.6	91.6	91.6	102.8	98.0	97.8
1993	13859	90.3	99.1	91.8	91.7	102.9	98.2	98.2
1994	18111	90.6	101.0	94.0	92.9	103.7	98.6	99.2
1995	20227	91.0	101.2	95.0	94.0	103.1	99.3	98.9
1996	18860	91.6	100.9	95.7	94.6	102.7	99.1	99.6
1997	18844	92.0	100.9	95.9	95.0	102.5	99.4	99.0
1998	17288	92.6	100.9	96.3	95.3	102.3	99.2	98.9
1999	15007	92.7	101.0	96.4	95.6	102.0	99.0	98.9
2000	10888	93.7	100.6	96.2	95.5	101.9	99.2	98.9
2001	9104	94.1	100.7	96.1	95.6	101.8	99.4	98.4
2002	6290	94.8	101.4	97.1	96.6	101.9	99.1	98.9
2003	6233	95.4	101.9	98.0	97.5	101.7	99.9	98.4
2004	5804	95.5	102.6	98.8	98.1	101.8	100.3	98.4
2005	4472	95.6	102.1	98.4	97.8	101.3	100.2	98.6
2006	3952	95.8	102.2	98.4	97.8	101.2	100.4	98.4
2007	3279	96.1	102.2	98.7	98.3	101.1	100.5	98.2

2008	2946	96.4	101.9	98.6	98.3	100.8	100.6	98.2
2009	2383	97.4	101.8	98.7	98.3	100.9	100.7	98.5
2010	2057	97.7	101.3	98.4	98.2	100.6	100.6	99.2
2011	1852	98.0	101.2	98.6	98.3	100.4	100.4	98.9
2012	1663	97.8	101.3	98.5	98.2	100.6	100.6	99.1
2013	1482	98.0	101.2	98.6	98.3	100.2	100.3	99.5
2014	1157	98.4	101.2	98.7	98.6	100.4	100.1	99.7
2015	853	98.6	101.4	98.6	98.1	100.6	100.5	99.8
2016	305	98.7	101.9	98.8	98.3	101.2	101.1	100.1

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

Jaar	Aantal	BA	BZ	KH	BG
1980	36	92.7	100.3	94.2	89.7
1981	67	92.1	99.5	94.2	89.2
1982	249	92.1	100.4	93.9	89.2
1983	413	92.3	100.8	93.8	89.3
1984	778	92.0	101.2	93.4	89.3
1985	1563	93.0	99.8	94.5	90.2
1986	2445	92.7	100.8	94.0	89.9
1987	3496	93.8	100.7	93.9	91.3
1988	5030	94.3	100.4	94.1	91.7
1989	5538	94.2	100.8	94.4	91.6
1990	8386	94.3	100.7	94.3	91.6
1991	13140	94.3	101.4	94.4	91.7
1992	15353	94.4	101.3	94.5	91.9
1993	13859	94.6	101.5	94.5	92.3
1994	18111	93.3	101.6	93.5	91.6
1995	20227	93.1	101.9	93.4	91.7
1996	18860	94.2	102.4	93.6	92.6
1997	18844	94.9	102.6	93.7	93.2
1998	17288	95.4	103.3	93.7	93.5
1999	15007	95.8	102.8	93.9	94.2
2000	10888	96.7	102.4	94.9	94.9
2001	9104	96.5	102.1	95.8	95.0
2002	6290	96.8	101.6	96.9	95.2
2003	6233	97.5	101.1	97.0	96.4
2004	5804	98.0	101.0	97.0	97.3
2005	4472	98.1	101.1	96.5	97.6
2006	3952	98.7	100.7	97.0	98.3
2007	3279	98.9	100.2	97.4	98.7
2008	2946	98.6	100.2	97.4	98.5
2009	2383	99.0	100.0	98.2	98.8
2010	2057	99.7	99.8	98.8	99.4
2011	1852	100.6	99.8	99.3	100.5
2012	1663	100.7	100.0	99.1	100.8
2013	1482	100.9	100.0	99.4	100.8
2014	1157	101.0	99.8	99.5	100.9
2015	853	101.4	99.5	99.8	101.3
2016	305	101.6	99.5	100.4	101.6

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
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1980	36	93.8	89.8	101.0	95.6	89.1	91.1	90.2
1981	67	93.9	89.3	100.2	95.8	89.8	92.3	91.1
1982	249	92.7	89.1	100.8	94.6	88.7	91.2	90.4
1983	413	92.7	89.0	101.4	94.3	88.8	91.5	90.5
1984	778	92.8	89.3	101.6	94.2	89.6	92.6	91.5
1985	1563	93.7	90.0	101.5	94.7	90.0	93.4	92.1
1986	2445	94.1	90.0	101.5	94.5	89.9	92.8	91.9
1987	3496	93.5	90.4	102.0	94.0	89.5	92.4	91.8
1988	5030	93.4	90.6	102.7	93.9	89.7	92.1	91.6
1989	5538	93.5	90.7	102.4	93.8	89.8	91.9	91.5
1990	8386	93.2	90.7	102.8	93.9	89.6	92.3	91.7
1991	13140	94.1	90.6	102.2	94.5	89.9	91.7	91.6
1992	15353	94.0	91.0	101.9	94.6	89.9	91.9	91.9
1993	13859	94.1	91.5	101.5	94.6	89.8	92.0	91.9
1994	18111	94.0	92.6	101.4	93.4	89.0	93.1	93.2
1995	20227	94.6	92.9	100.9	93.2	89.3	93.3	93.3
1996	18860	94.4	93.3	101.0	93.2	89.6	93.6	93.7
1997	18844	94.5	93.4	101.0	93.4	90.5	93.9	93.5
1998	17288	94.2	93.5	101.1	93.4	90.9	94.2	94.0
1999	15007	94.7	94.5	100.9	93.8	92.2	95.1	95.0
2000	10888	95.8	95.1	101.3	95.2	93.2	96.0	96.0
2001	9104	96.1	94.7	101.0	95.4	93.5	95.3	95.3
2002	6290	96.4	95.0	100.6	95.4	93.4	95.8	95.6
2003	6233	97.0	95.9	100.2	96.0	94.2	96.0	95.8
2004	5804	97.1	96.6	100.4	95.6	94.4	96.5	96.6
2005	4472	97.1	96.8	100.8	95.9	95.1	96.7	96.9
2006	3952	97.6	97.1	100.7	96.2	95.3	96.7	97.0
2007	3279	97.8	97.5	100.4	96.5	95.8	97.1	97.3
2008	2946	97.9	97.8	100.1	96.8	96.2	97.4	97.8
2009	2383	98.3	97.9	100.0	97.8	96.5	97.7	98.0
2010	2057	98.7	98.2	100.3	98.3	97.0	98.2	98.6
2011	1852	99.0	98.6	100.2	98.6	97.6	98.7	99.3
2012	1663	99.4	98.6	100.7	98.8	98.1	98.9	99.5
2013	1482	99.7	98.7	100.7	99.1	98.1	99.1	99.7
2014	1157	100.3	98.9	101.4	99.9	98.7	99.3	99.9
2015	853	100.5	99.3	101.1	100.1	98.9	99.7	100.3
2016	305	101.1	99.5	101.2	100.7	99.1	99.5	100.1

Tabel: 135 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	36	92.5	93.4	90.7	88.9	0.0	86.0
1981	67	92.4	92.8	91.3	88.2	0.0	85.8
1982	249	93.4	93.5	89.6	88.3	0.0	85.3
1983	413	93.5	94.0	89.6	88.5	0.0	85.6
1984	778	93.1	93.5	90.1	88.2	0.0	85.5
1985	1563	92.2	93.1	91.0	89.0	0.0	86.0
1986	2445	92.1	93.4	90.9	88.8	0.0	85.9
1987	3496	93.3	93.9	90.3	90.3	0.0	86.8
1988	5030	93.2	93.8	90.2	90.8	0.0	87.0
1989	5538	93.4	94.0	90.2	90.7	0.0	87.1
1990	8386	94.0	94.3	90.2	90.7	0.0	87.2
1991	13140	94.2	94.6	90.7	90.9	0.0	87.7
1992	15353	94.5	94.7	90.9	91.1	0.0	88.0
1993	13859	95.0	95.1	90.9	91.4	0.0	88.4
1994	18111	97.0	97.2	90.3	90.5	0.0	88.5
1995	20227	97.6	97.8	90.6	90.6	0.0	89.0
1996	18860	98.1	98.2	90.7	91.5	0.0	89.7
1997	18844	98.0	98.3	91.3	92.1	0.0	90.3

1998	17288	97.9	98.4	91.2	92.5	0.0	90.5
1999	15007	97.9	98.4	92.2	93.1	0.0	91.4
2000	10888	97.8	98.3	93.5	94.2	0.0	92.6
2001	9104	97.7	98.2	93.8	94.3	0.0	92.7
2002	6290	98.2	99.0	94.0	94.7	0.0	93.3
2003	6233	98.8	99.5	94.8	95.8	0.0	94.6
2004	5804	99.5	99.9	94.8	96.5	0.0	95.3
2005	4472	99.3	99.4	95.1	96.8	0.0	95.4
2006	3952	99.4	99.3	95.5	97.5	0.0	96.0
2007	3279	99.4	99.5	96.0	97.9	0.1	96.5
2008	2946	99.3	99.4	96.2	97.6	0.1	96.5
2009	2383	99.5	99.5	96.9	98.1	0.1	97.2
2010	2057	99.6	99.4	97.4	98.8	0.1	97.8
2011	1852	99.4	99.4	97.8	99.9	0.9	98.5
2012	1663	99.6	99.5	98.2	100.2	2.4	99.0
2013	1482	99.6	99.4	98.4	100.3	1.0	99.1
2014	1157	99.8	99.8	99.2	100.5	0.3	99.7
2015	853	100.0	99.6	99.5	100.9	0.5	100.1
2016	305	100.7	100.2	100.0	101.2	2.0	100.9

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	102.3	106.5	107.7	106.6	103.6	101.6	91.4	107.4
1981	99	102.8	106.6	108.1	107.0	104.2	101.2	89.9	107.8
1982	376	102.4	106.6	107.8	106.9	103.8	100.9	90.1	107.6
1983	681	102.2	106.6	107.6	106.7	103.6	100.8	90.2	107.4
1984	1282	102.4	106.4	107.6	106.7	103.8	100.9	89.7	107.4
1985	2822	103.0	106.4	108.2	107.2	104.4	101.2	88.3	107.9
1986	4720	103.0	106.0	107.8	106.7	104.0	101.2	88.7	107.5
1987	6924	103.8	106.1	108.2	107.1	104.5	101.4	88.6	107.9
1988	10280	104.1	105.8	108.1	106.8	104.5	101.3	88.4	107.7
1989	12249	103.6	105.5	107.6	106.3	104.0	101.2	88.4	107.2
1990	17533	103.8	105.5	107.5	106.3	104.1	101.4	88.4	107.1
1991	25977	103.9	104.7	107.1	105.5	103.8	101.2	89.9	106.6
1992	29540	103.8	104.6	106.9	105.4	103.7	101.1	89.9	106.4
1993	28389	103.9	104.7	106.9	105.6	104.0	101.1	90.2	106.5
1994	37540	103.1	104.3	106.0	104.9	103.1	100.9	90.8	105.7
1995	41551	102.6	104.0	105.3	104.3	102.5	100.4	91.0	105.0
1996	39461	102.2	103.3	104.6	103.4	101.9	100.2	91.4	104.3
1997	38531	101.7	102.9	104.0	102.8	101.4	100.3	92.0	103.6
1998	36824	101.7	103.0	104.0	102.8	101.5	100.5	92.5	103.7
1999	31496	101.3	102.5	103.4	102.3	101.0	100.2	92.7	103.0
2000	22976	101.5	101.9	103.1	101.9	101.0	100.2	93.2	102.7
2001	19739	101.2	102.1	103.1	102.1	101.1	99.9	93.5	102.8
2002	14269	100.5	102.3	102.8	101.9	100.7	99.6	94.5	102.5
2003	14104	99.4	102.1	101.8	101.1	99.9	99.6	96.0	101.6
2004	12912	98.9	102.1	101.3	100.8	99.4	99.3	96.4	101.1
2005	9934	99.2	102.1	101.4	100.9	99.8	99.4	96.0	101.3
2006	9157	99.1	101.9	101.2	100.7	99.7	99.5	96.4	101.0
2007	8203	98.7	102.0	100.9	100.6	99.6	99.4	97.3	100.8
2008	7740	99.1	101.7	101.1	100.6	99.9	99.7	97.4	100.9
2009	6425	99.2	101.9	101.2	100.9	100.1	99.6	98.0	101.1
2010	5418	99.8	101.4	101.3	100.7	100.4	99.5	97.9	101.1
2011	5037	99.5	101.4	100.9	100.6	100.2	99.4	98.5	100.8
2012	4919	99.3	101.3	100.8	100.6	100.1	99.7	98.1	100.7
2013	4575	99.4	101.3	100.6	100.6	100.1	99.5	98.3	100.7
2014	3943	99.9	101.6	101.2	101.3	100.7	99.4	98.3	101.3
2015	3206	99.9	101.9	101.4	101.7	100.7	99.1	98.3	101.7

2016 2129 100.1 102.4 102.5 102.3 101.1 99.4 99.0 102.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	27	100.6	100.0	99.2	100.9	102.7
1981	39	100.1	97.3	99.2	101.2	103.0
1982	136	101.0	97.8	98.7	100.5	101.9
1983	224	100.8	97.8	98.9	100.6	102.3
1984	388	100.2	97.4	98.7	100.6	102.3
1985	798	100.0	97.5	98.6	100.5	102.4
1986	1314	99.9	98.2	98.4	100.1	102.0
1987	1956	99.9	98.5	98.3	99.9	101.9
1988	2964	99.5	98.7	98.4	99.9	102.1
1989	3401	99.6	98.9	98.3	99.6	101.8
1990	5574	99.9	98.9	98.0	99.1	101.5
1991	10958	101.0	99.6	98.5	99.8	101.4
1992	15318	101.0	99.7	98.7	99.8	101.4
1993	13750	101.3	99.9	99.0	100.4	102.0
1994	17796	101.3	99.2	98.8	99.6	101.5
1995	19705	101.6	99.3	98.4	98.8	101.2
1996	18281	101.6	99.3	98.3	98.6	100.9
1997	18146	101.4	99.7	98.3	98.6	100.5
1998	16522	101.3	99.0	98.6	98.9	100.3
1999	14251	101.0	99.2	98.5	98.7	99.9
2000	10415	100.9	98.7	98.9	99.1	100.1
2001	8715	101.0	98.8	98.7	98.8	99.7
2002	6063	100.9	98.7	98.5	98.4	99.5
2003	5947	101.2	99.4	98.6	98.4	99.4
2004	5575	101.1	99.4	98.8	98.4	99.1
2005	4238	101.2	99.3	99.3	98.8	99.3
2006	3654	101.3	99.9	99.5	99.0	99.5
2007	3024	101.3	99.9	99.7	99.1	99.5
2008	2696	101.4	99.9	99.6	98.9	99.3
2009	2138	100.8	99.9	100.0	99.3	99.8
2010	1872	100.6	100.1	100.1	99.4	99.6
2011	1657	100.8	100.2	100.6	99.8	99.8
2012	1459	100.6	100.2	101.2	100.2	100.0
2013	1250	101.2	100.5	101.1	100.2	100.1
2014	911	101.2	101.0	101.5	100.6	100.1
2015	648	101.3	100.4	101.6	100.7	100.3
2016	215	101.1	101.1	102.2	101.0	100.8

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	-203.7	-470.1	-135.7	102.3	107.4	90.7	88.9	98.2
1981	63	-206.9	-492.5	-116.4	102.6	107.8	91.3	88.2	98.6
1982	213	-211.4	-472.4	-161.5	101.5	107.6	89.6	88.3	98.5
1983	381	-210.6	-467.5	-194.9	101.8	107.4	89.6	88.5	98.6
1984	793	-211.1	-454.2	-271.9	101.8	107.4	90.1	88.2	98.7
1985	1958	-183.5	-460.7	-329.3	101.8	107.9	91.0	89.0	99.6
1986	3431	-199.2	-464.9	-395.9	101.4	107.5	90.9	88.8	99.2
1987	5233	-207.4	-474.0	-463.9	101.2	107.9	90.3	90.3	99.1

1988	8886	-207.4	-468.3	-496.4	101.3	107.7	90.2	90.8	99.0
1989	10836	-206.2	-454.4	-490.1	101.0	107.2	90.2	90.7	98.9
1990	15628	-210.9	-450.6	-500.2	100.6	107.1	90.2	90.7	98.6
1991	22468	-203.7	-419.7	-483.5	100.8	106.6	90.7	90.9	98.5
1992	25335	-200.0	-413.5	-454.3	100.8	106.4	90.9	91.1	98.3
1993	24830	-189.3	-403.4	-424.7	101.4	106.5	90.9	91.4	98.9
1994	32034	-184.1	-345.6	-441.0	100.8	105.7	90.3	90.5	99.0
1995	35783	-183.1	-329.4	-423.9	100.2	105.0	90.6	90.6	99.1
1996	33717	-175.5	-306.0	-395.1	99.9	104.3	90.7	91.5	99.1
1997	32872	-168.7	-283.8	-375.7	99.6	103.6	91.3	92.1	99.2
1998	31003	-161.5	-267.8	-388.0	99.7	103.7	91.2	92.5	99.2
1999	27021	-151.5	-247.9	-358.6	99.3	103.0	92.2	93.1	99.6
2000	20339	-134.3	-230.5	-295.3	99.6	102.7	93.5	94.2	99.7
2001	17488	-117.6	-202.3	-234.2	99.2	102.8	93.8	94.3	99.8
2002	12289	-114.3	-184.5	-232.1	98.9	102.5	94.0	94.7	99.3
2003	12057	-97.2	-145.5	-189.5	98.9	101.6	94.8	95.8	98.3
2004	11087	-83.6	-109.9	-181.9	98.6	101.1	94.8	96.5	97.9
2005	8720	-66.1	-91.4	-146.7	99.0	101.3	95.1	96.8	98.3
2006	8103	-54.0	-78.3	-100.2	99.2	101.0	95.5	97.5	98.4
2007	6989	-41.4	-59.5	-70.3	99.3	100.8	96.0	97.9	98.1
2008	6428	-35.2	-48.5	-51.7	99.0	100.9	96.2	97.6	98.7
2009	5365	-29.1	-53.1	-20.4	99.6	101.1	96.9	98.1	98.7
2010	4578	-17.7	-35.1	-8.1	99.5	101.1	97.4	98.8	99.3
2011	4218	-5.0	-21.0	13.3	99.8	100.8	97.8	99.9	99.3
2012	4097	5.7	-9.8	32.1	100.1	100.7	98.2	100.2	99.8
2013	3811	12.0	-1.3	50.7	100.2	100.7	98.4	100.3	100.1
2014	3271	29.2	12.9	81.3	100.4	101.3	99.2	100.5	100.7
2015	2544	37.7	17.0	95.6	100.5	101.7	99.5	100.9	101.0
2016	1306	50.9	16.1	135.1	101.0	102.6	100.0	101.2	101.1

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1983	12	95.2	96.4	98.5	97.0	95.5	97.8	95.6
1984	30	94.2	93.7	99.2	97.5	92.8	97.7	95.4
1985	26	96.9	96.3	100.0	98.3	96.9	100.0	96.0
1986	31	95.7	96.1	98.9	97.4	96.0	98.4	96.2
1987	138	95.1	95.3	99.0	97.1	95.7	96.4	96.1
1988	279	95.7	95.5	99.5	97.8	95.9	96.8	96.0
1989	338	96.3	96.0	99.9	98.0	96.6	97.0	96.0
1990	495	96.4	96.1	100.2	98.0	96.9	97.3	96.0
1991	2141	94.3	95.6	97.5	95.6	97.2	96.4	97.5
1992	2382	94.2	95.7	97.5	95.4	97.3	96.5	97.5
1993	2438	94.4	95.8	97.7	95.7	96.4	96.8	97.0
1994	5612	96.1	97.4	99.7	95.8	97.4	98.7	96.6
1995	10942	96.8	98.5	99.9	96.0	97.9	99.8	96.3
1996	8263	96.3	97.3	99.8	96.5	96.7	99.5	96.2
1997	12397	95.8	96.4	99.6	97.0	96.0	98.1	96.0
1998	12652	96.1	96.4	99.7	97.7	95.7	98.1	95.9
1999	10965	96.6	97.1	100.1	97.6	96.1	98.4	96.2
2000	8502	96.7	97.7	99.6	97.5	96.6	98.6	96.5
2001	7582	97.0	98.3	99.6	97.3	97.4	99.0	96.5
2002	5334	97.2	98.4	99.6	97.7	97.5	99.3	95.6
2003	5690	98.1	99.1	99.7	98.7	98.2	98.4	97.0
2004	5541	99.1	99.8	100.3	99.4	98.9	98.4	97.6
2005	4138	99.7	100.2	100.7	99.7	99.2	98.8	98.1
2006	3668	100.0	100.6	100.6	99.9	99.6	99.0	98.8
2007	3032	100.3	101.1	100.5	100.1	100.1	98.9	99.2
2008	2712	100.5	101.2	100.6	100.2	100.4	99.2	99.4

2009	2175	100.3	101.0	100.1	100.0	100.6	99.1	99.7
2010	1846	100.3	100.9	100.1	100.2	100.4	99.6	99.2
2011	1642	100.5	101.3	99.9	100.4	101.0	99.6	99.4
2012	1493	101.0	101.9	100.2	100.5	101.5	99.9	99.5
2013	1321	101.2	102.2	100.3	100.3	102.0	100.5	99.7
2014	1032	101.5	102.1	100.6	100.6	101.9	101.2	99.6
2015	713	102.0	102.2	101.1	101.0	102.2	101.6	99.7
2016	274	102.6	102.4	101.8	101.5	102.4	102.1	99.5

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	28	94.3	101.5	94.3	101.5	96.0	99.4
1981	51	95.0	101.5	95.0	101.5	96.7	99.7
1982	169	94.8	101.6	94.8	101.6	96.4	99.7
1983	300	95.0	101.7	95.0	101.7	96.4	99.7
1984	570	95.3	101.5	95.3	101.5	96.8	99.6
1985	1366	96.4	101.6	96.4	101.6	97.9	100.5
1986	2293	96.2	101.3	96.2	101.3	97.6	99.9
1987	3472	96.0	101.4	96.0	101.4	97.5	100.2
1988	5527	96.1	101.3	96.1	101.3	97.5	100.1
1989	7033	96.0	101.4	96.0	101.4	97.4	99.9
1990	11991	95.9	101.1	95.9	101.1	97.3	99.5
1991	21323	95.9	101.2	95.9	101.2	97.7	99.3
1992	25525	95.7	101.2	95.7	101.2	97.4	99.2
1993	28703	96.0	101.6	96.0	101.6	97.9	99.6
1994	39867	96.0	101.7	96.0	101.7	98.3	99.5
1995	48448	96.3	101.6	96.3	101.6	98.4	99.5
1996	48860	96.4	101.5	96.4	101.5	98.3	99.8
1997	49756	96.7	101.5	96.7	101.5	98.4	99.7
1998	47811	96.7	101.5	96.7	101.5	98.3	99.6
1999	42218	97.2	101.5	97.2	101.5	98.6	99.8
2000	31267	97.4	101.5	97.4	101.5	98.5	100.3
2001	24251	97.7	101.4	97.7	101.4	98.7	100.6
2002	18078	97.6	101.0	97.6	101.0	98.5	100.3
2003	17061	97.7	99.8	97.7	99.8	98.6	99.6
2004	15527	97.7	99.3	97.7	99.3	98.9	99.0
2005	11484	98.0	99.5	98.0	99.5	99.4	99.3
2006	10186	98.2	99.4	98.2	99.4	99.6	99.4
2007	8549	98.3	99.1	98.3	99.1	99.7	99.3
2008	7940	98.8	99.4	98.8	99.4	100.1	99.5
2009	6872	98.7	99.4	98.7	99.4	100.3	99.5
2010	5852	98.9	100.0	98.9	100.0	100.6	99.9
2011	5187	99.1	99.9	99.1	99.9	101.0	100.0
2012	4925	99.4	100.2	99.4	100.2	101.4	100.5
2013	4469	99.8	100.1	99.8	100.1	101.8	100.5
2014	4011	99.9	100.8	99.9	100.8	101.8	100.7
2015	3276	99.8	101.0	99.8	101.0	102.0	101.1
2016	2830	99.4	101.3	99.4	101.3	101.7	100.9
2017	2061	99.2	101.7	99.2	101.7	101.7	101.0
2018	1425	99.2	102.0	99.2	102.0	101.7	101.2

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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1980	27	96.6	103.3	102.9	100.5	99.0	100.1
1981	38	98.2	102.4	101.7	94.5	94.6	95.6
1982	155	97.9	103.0	101.9	96.4	96.8	97.7
1983	286	97.1	102.9	102.6	97.9	98.5	99.1
1984	514	98.4	102.2	101.1	97.4	98.1	98.9
1985	1062	100.2	100.8	99.2	97.7	97.9	97.8
1986	1753	100.0	100.8	99.6	98.5	98.4	98.3
1987	2684	99.1	101.2	100.7	98.4	99.1	99.9
1988	3964	98.9	101.1	100.9	98.0	99.1	99.9
1989	4590	98.5	101.4	101.3	97.7	98.9	99.3
1990	7331	98.6	101.5	101.2	97.8	99.7	100.5
1991	11879	97.5	101.3	102.1	97.9	100.3	99.9
1992	13864	97.3	101.2	102.3	98.1	100.3	99.5
1993	12856	97.6	100.7	102.1	98.6	100.0	98.9
1994	18044	97.1	101.3	102.4	99.4	99.3	99.6
1995	20051	97.1	101.3	102.5	99.4	99.6	99.5
1996	20497	97.2	101.6	102.5	99.6	99.7	99.3
1997	20058	97.6	101.5	102.1	99.2	100.2	99.5
1998	18849	97.4	101.3	102.3	99.1	100.7	99.8
1999	17895	98.0	100.4	101.7	99.2	100.6	99.6
2000	13011	97.5	100.2	102.2	100.0	99.9	98.8
2001	10854	97.3	100.2	102.6	100.2	98.8	98.9
2002	7518	97.2	101.0	102.5	98.8	99.7	100.2
2003	7584	97.4	101.3	102.4	98.5	101.3	100.4
2004	7022	98.2	101.2	101.7	98.0	102.6	100.9
2005	5937	98.5	101.7	101.2	98.3	101.0	101.3
2006	5558	98.6	100.1	101.5	98.4	102.7	100.7
2007	5656	98.7	100.7	101.4	97.9	102.7	101.4
2008	5271	99.3	100.8	100.9	98.4	101.6	101.2
2009	4702	99.0	101.2	101.1	99.0	100.7	100.7
2010	3928	99.3	99.5	100.9	99.1	101.9	100.9
2011	3487	98.9	98.1	101.6	99.0	103.5	100.1
2012	3184	99.7	99.4	100.8	98.9	100.9	101.2
2013	2757	99.5	98.6	101.2	99.6	101.9	100.7
2014	2388	100.2	98.6	100.1	99.7	100.7	100.2
2015	1815	100.9	98.1	99.3	99.9	100.9	101.5
2016	1446	100.7	98.3	99.5	100.3	101.0	101.7
2017	1068	100.3	98.6	99.8	100.6	100.5	101.1
2018	735	100.5	98.2	99.7	101.0	100.4	100.6

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	105.8	109.9	96.7	101.4	109.0	97.5	104.8	98.5	109.7	99.8	103.7
1981	56	106.0	111.2	96.4	101.8	109.7	97.6	104.8	98.2	110.5	99.3	104.1
1982	184	106.4	110.8	96.9	101.8	110.1	97.7	105.2	98.3	110.6	99.5	104.6
1983	313	106.3	110.7	96.7	102.1	109.9	97.5	105.2	97.9	110.5	99.2	104.9
1984	560	106.3	110.8	96.4	101.8	109.9	97.4	105.2	98.0	110.4	98.9	104.8
1985	1303	105.8	110.7	95.5	101.3	109.3	96.4	105.1	97.9	109.7	98.4	103.8
1986	2171	105.9	110.3	95.5	101.2	109.3	96.3	105.1	98.0	109.6	98.1	103.7
1987	3235	107.4	111.6	95.2	102.3	111.5	95.9	106.5	97.7	111.4	97.8	105.7
1988	5167	107.2	111.7	95.5	102.1	111.6	95.9	106.4	97.3	111.4	97.8	105.3
1989	6465	106.5	111.2	95.9	101.8	110.7	96.3	105.7	97.4	110.8	97.9	104.7
1990	10690	106.6	111.3	96.2	102.0	110.7	96.5	105.6	97.8	111.0	98.1	104.8
1991	18091	106.3	110.1	96.1	101.3	110.1	96.2	105.5	97.8	110.3	97.7	104.3
1992	23383	106.4	110.3	96.2	101.4	110.3	96.3	105.5	97.8	110.5	97.8	104.4
1993	24082	106.0	110.2	96.4	101.5	109.9	96.6	105.0	98.0	110.1	97.9	104.4
1994	32440	106.4	110.8	96.9	102.5	109.5	97.5	105.1	98.7	110.1	98.2	106.1

1995	37093	106.3	110.3	97.2	102.4	108.9	97.6	105.0	99.3	109.3	98.3	106.1
1996	40335	105.6	109.7	97.6	102.2	108.2	98.2	104.4	98.9	109.3	98.4	105.9
1997	43885	104.8	108.8	97.7	101.6	107.3	98.2	103.7	98.8	108.5	98.4	104.7
1998	38629	104.5	107.8	97.9	101.5	106.9	98.1	103.4	98.8	108.0	97.9	104.6
1999	37645	104.1	107.4	97.8	101.2	106.3	97.9	103.0	99.0	107.4	97.8	104.2
2000	25948	104.0	106.5	97.9	101.1	105.9	98.1	102.8	99.6	107.0	98.2	103.8
2001	20776	103.9	105.9	99.1	100.7	105.8	98.6	102.5	100.0	106.4	99.0	103.5
2002	16888	104.2	106.1	99.2	101.2	105.8	98.8	102.9	100.1	106.3	99.1	103.6
2003	15544	103.8	105.5	99.3	101.0	105.0	98.9	102.3	100.6	105.7	98.8	103.5
2004	14304	103.5	105.1	99.0	101.1	104.5	98.7	102.1	100.9	105.7	98.3	103.6
2005	10751	103.1	104.7	99.2	100.7	104.2	98.8	101.7	100.6	105.4	98.5	103.4
2006	9402	102.8	104.3	99.3	100.5	103.8	98.8	101.5	100.9	104.6	99.5	101.9
2007	7442	102.5	104.0	99.5	100.2	103.5	99.0	101.3	100.8	104.4	98.8	101.7
2008	6408	102.4	103.5	99.6	100.1	103.3	99.1	101.3	100.5	103.9	99.2	101.4
2009	5489	102.2	103.6	99.3	100.4	103.0	99.5	101.0	100.2	105.9	99.3	102.4
2010	4218	101.8	103.0	99.6	99.9	102.8	99.3	100.8	99.9	104.7	98.3	101.2
2011	3091	101.5	102.3	99.9	99.1	102.3	99.4	100.7	99.9	103.5	99.2	101.0
2012	2149	101.8	102.5	99.7	99.0	103.0	99.4	101.0	99.6	104.2	99.0	101.5
2013	1691	102.0	101.9	100.9	99.2	102.9	99.1	101.4	99.6	103.5	100.6	100.2
2014	1203	101.8	99.3	102.0	98.0	102.7	98.9	101.4	99.9	101.6	100.4	100.1
2015	833	101.6	99.0	101.8	98.4	101.4	100.0	101.1	100.6	100.6	101.0	100.3
2016	295	101.4	99.8	101.5	98.6	101.5	100.0	101.1	100.0	101.0	100.9	100.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	28	98.2	99.5	99.4
1981	52	98.7	99.6	99.9
1982	174	98.4	99.2	99.9
1983	299	98.2	99.2	99.6
1984	571	98.5	99.4	100.1
1985	1363	98.8	99.5	100.5
1986	2301	98.4	99.3	100.5
1987	3521	98.6	99.2	100.4
1988	5602	98.5	99.2	100.3
1989	7157	98.3	99.1	100.2
1990	12205	97.9	98.9	100.1
1991	21040	97.7	98.8	100.2
1992	24776	97.3	98.5	100.1
1993	29808	97.1	98.5	100.0
1994	46493	97.7	99.1	100.1
1995	53031	98.0	99.4	100.1
1996	54285	97.9	99.5	99.5
1997	55533	97.9	99.3	99.4
1998	54069	97.7	99.1	99.5
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	100.0	100.5	100.6
2006	11648	100.2	100.6	100.7
2007	9799	100.5	100.7	100.5
2008	9314	100.0	100.3	100.5
2009	8215	100.0	100.1	100.6
2010	7049	99.6	99.7	100.2
2011	6288	99.9	100.2	100.1
2012	6079	100.1	100.4	100.1

2013	5482	100.4	100.6	99.6
2014	5006	99.9	100.1	99.9
2015	4523	99.7	99.9	100.1
2016	4456	99.9	100.2	100.1
2017	3688	100.5	100.8	100.4
2018	2368	100.7	101.2	100.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17490	-2209.1	-9327.5	-359.2	-323.6
2002	12302	-2145.8	-9029.5	-347.3	-315.2
2003	12065	-1776.5	-7821.0	-277.9	-264.8
2004	11109	-1615.6	-7316.9	-247.1	-243.1
2005	8738	-1344.1	-6236.3	-203.1	-203.0
2006	8136	-1023.0	-4914.5	-150.8	-155.9
2007	7024	-774.4	-4019.9	-106.7	-120.8
2008	6476	-621.7	-3334.3	-85.4	-96.8
2009	5430	-452.4	-2571.7	-60.1	-71.0
2010	4652	-302.6	-1929.2	-38.5	-47.7
2011	4282	-117.3	-1172.9	-7.0	-21.1
2012	4132	40.0	-535.3	18.7	1.9
2013	3868	201.6	78.8	44.4	26.1
2014	3325	457.6	1179.4	84.4	64.4
2015	2592	563.2	1486.3	99.0	81.6
2016	1389	811.7	2512.2	146.5	114.5
2017	74	680.3	2153.3	129.1	92.6
2018	65	1156.8	3680.9	208.3	163.2

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

Jaar	Aantal	Eff	Int	Gewen
1982	28	101.0	96.6	102.0
1983	38	101.7	96.1	101.8
1984	63	99.7	96.5	101.6
1985	126	99.7	97.9	101.3
1986	173	99.4	98.1	101.3
1987	255	99.9	96.8	101.1
1988	393	99.9	96.4	101.3
1989	383	99.9	96.0	101.5
1990	494	99.8	95.5	101.3
1991	1117	100.6	96.3	101.7
1992	1398	100.8	96.0	101.6
1993	1325	101.1	95.7	101.7
1994	1977	101.1	93.2	102.3
1995	2342	101.2	93.2	102.0
1996	2232	101.6	93.5	102.2
1997	2569	101.2	94.5	102.1
1998	2433	101.2	94.5	101.9
1999	2304	100.8	94.9	101.9
2000	1822	100.8	95.6	101.4
2001	1719	100.9	96.0	101.0
2002	1334	100.7	96.7	101.0
2003	1460	100.6	97.7	101.0

2004	1474	100.7	98.2	101.2
2005	1212	101.2	98.3	101.1
2006	1242	101.0	98.8	101.0
2007	1110	101.0	99.4	100.6
2008	1044	101.0	99.6	100.7
2009	1087	100.3	99.8	100.3
2010	1079	100.2	100.1	100.6
2011	1008	100.4	101.3	99.8
2012	982	100.3	102.4	99.8
2013	954	100.8	103.5	99.7
2014	755	101.1	104.8	99.1
2015	606	101.1	105.7	99.3
2016	342	101.1	105.6	98.9

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	97.2	98.2	0	0.0	0	0.0
1981	63	96.2	97.9	1	-2.6	0	0.0
1982	213	96.9	97.9	1	-5.4	0	0.0
1983	381	96.9	98.0	2	-4.1	0	0.0
1984	793	96.5	97.8	4	-3.9	0	0.0
1985	1958	96.3	97.8	2280	-4.7	0	0.0
1986	3431	95.9	97.5	3828	-4.6	0	0.0
1987	5233	95.6	97.5	5610	-4.4	0	0.0
1988	8886	96.1	97.7	9055	-4.3	0	0.0
1989	10836	96.4	97.8	10889	-4.1	0	0.0
1990	15628	96.4	97.4	15708	-4.0	0	0.0
1991	22468	96.3	97.4	22739	-3.8	0	0.0
1992	25335	96.5	97.6	25720	-3.7	0	0.0
1993	24830	96.4	97.6	24857	-3.6	0	0.0
1994	32034	96.3	97.9	32048	-2.8	0	0.0
1995	35783	96.2	97.7	35797	-2.7	0	0.0
1996	33717	96.5	97.6	33731	-2.5	0	0.0
1997	32872	96.8	97.4	32892	-2.3	0	0.0
1998	31003	96.8	97.4	31015	-2.2	0	0.0
1999	27021	96.8	97.4	27029	-2.0	0	0.0
2000	20339	97.2	97.7	20352	-1.9	0	0.0
2001	17488	98.0	97.9	17494	-1.7	9104	97.9
2002	12289	97.9	97.6	12294	-1.5	6290	98.8
2003	12057	98.4	98.4	12072	-1.1	6233	99.3
2004	11087	98.5	98.7	11107	-0.8	5804	99.9
2005	8720	98.9	98.8	8733	-0.7	4472	99.4
2006	8103	99.6	99.4	8125	-0.6	3952	99.5
2007	6989	99.9	99.7	7011	-0.5	3279	99.5
2008	6428	99.8	99.5	6449	-0.4	2946	99.3
2009	5365	99.7	99.8	5399	-0.4	2383	99.8
2010	4578	99.7	99.3	4601	-0.3	2057	99.6
2011	4218	100.1	99.3	4247	-0.2	1852	99.5
2012	4097	100.3	99.5	4111	-0.1	1663	99.6
2013	3811	100.4	99.3	3835	0.0	1482	99.5
2014	3271	100.9	99.3	3287	0.1	1157	99.9
2015	2544	101.3	99.0	2568	0.1	853	100.1
2016	1306	101.3	98.5	1350	0.3	305	100.8
2017	0	0.0	0.0	74	0.5	0	0.0
2018	0	0.0	0.0	69	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	-747.9	-34.7	-42.9	-43.7	-2.0	-26.9	-16.5	-261.9
1981	828	-752.6	-31.2	-43.0	-44.0	4.5	-26.9	-16.6	-255.3
1982	4079	-745.6	-33.4	-42.8	-43.6	0.1	-26.9	-16.5	-258.7
1983	7397	-729.0	-31.6	-41.2	-42.9	2.1	-25.1	-16.5	-248.4
1984	7743	-732.6	-30.8	-40.8	-43.0	4.1	-23.8	-16.5	-244.8
1985	11158	-834.9	-29.2	-42.2	-47.7	15.4	-19.9	-16.8	-248.6
1986	22223	-796.6	-29.3	-40.4	-46.0	12.2	-18.9	-16.7	-240.9
1987	32108	-823.8	-31.8	-40.6	-47.2	9.9	-17.6	-16.8	-247.6
1988	34077	-858.8	-32.3	-41.0	-48.8	12.1	-16.0	-16.9	-250.4
1989	50360	-745.0	-30.3	-36.0	-43.6	6.3	-14.4	-16.6	-224.3
1990	50982	-698.8	-29.1	-34.6	-41.5	4.6	-14.8	-16.5	-215.3
1991	41801	-652.6	-25.9	-32.6	-39.4	6.6	-14.2	-16.4	-199.8
1992	36174	-614.1	-23.7	-31.0	-37.7	7.3	-13.9	-16.4	-188.4
1993	38962	-500.6	-19.9	-26.5	-32.5	5.1	-13.1	-16.1	-160.4
1994	33545	-364.2	-12.8	-21.5	-26.3	6.5	-12.8	-16.0	-122.9
1995	30693	-248.5	-7.3	-18.0	-21.1	7.1	-13.7	-15.8	-95.5
1996	23494	-159.5	-4.6	-15.2	-17.0	5.1	-14.3	-15.6	-77.0
1997	16372	-71.2	0.4	-10.8	-13.0	6.7	-12.4	-15.5	-47.5
1998	10206	-68.8	1.1	-10.2	-12.9	7.5	-11.5	-15.5	-43.5
1999	6945	-22.8	4.4	-8.3	-10.8	9.5	-11.0	-15.4	-27.8
2000	4914	30.9	3.8	-6.9	-8.0	4.7	-11.9	-14.7	-22.9
2001	4277	141.8	5.4	-3.4	0.4	-0.2	-12.5	-9.3	-2.5
2002	2992	193.7	9.3	-0.6	3.4	2.3	-11.0	-8.4	18.3
2003	2730	247.4	11.4	2.0	5.0	1.5	-10.1	-9.6	33.5
2004	2470	298.6	15.0	4.5	7.5	3.5	-9.0	-9.2	52.4
2005	2086	317.5	14.1	5.4	8.1	0.8	-8.7	-9.6	54.3
2006	2290	469.6	19.3	11.5	14.9	-1.4	-7.9	-9.9	92.2
2007	2304	458.6	20.8	11.5	14.2	1.4	-7.3	-10.1	95.2
2008	2391	518.0	23.7	13.8	16.7	1.8	-7.1	-10.3	111.5
2009	1897	536.6	24.1	15.1	17.1	1.1	-6.3	-11.1	117.7
2010	1791	604.1	25.6	16.9	19.9	-1.0	-7.1	-11.3	129.2
2011	1724	677.2	29.6	20.0	23.1	0.1	-6.4	-11.4	151.2
2012	1812	723.3	32.4	22.0	25.1	1.4	-5.9	-11.6	165.8
2013	2043	722.4	31.8	23.6	26.6	0.4	-3.7	-9.3	171.7
2014	1802	814.6	35.4	26.2	29.8	-0.3	-4.8	-10.7	190.6
2015	2015	813.8	38.1	25.4	28.5	3.6	-5.8	-12.5	192.7
2016	768	821.7	38.1	26.8	30.3	2.9	-4.3	-10.5	199.1

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	95.8	102.4	93.4	92.9	95.8
1981	1162	94.8	91.3	94.7	101.1	93.5	93.4	95.4
1982	4663	96.0	92.4	95.8	102.3	94.6	93.6	96.1
1983	8208	95.7	92.9	96.1	102.3	95.0	93.4	96.0
1984	7211	95.4	93.2	95.8	101.9	95.4	93.9	96.2
1985	8860	94.7	92.9	95.4	101.4	95.5	93.7	94.9
1986	15849	94.9	92.9	95.8	101.9	95.3	92.9	95.0
1987	21497	95.6	93.8	96.3	101.9	95.8	93.3	96.3
1988	19130	95.6	94.1	96.2	101.7	96.2	93.9	96.6
1989	27135	96.1	95.5	96.6	102.1	96.5	95.0	97.2
1990	27238	96.2	95.5	96.3	102.0	96.5	94.9	97.4

1991	22465	97.1	94.8	97.1	102.8	95.9	94.4	97.4
1992	19573	97.5	94.8	97.5	103.2	96.0	94.1	97.5
1993	20454	98.1	95.1	97.9	103.7	95.6	94.3	98.1
1994	16837	98.4	95.7	99.1	104.5	95.5	93.8	98.5
1995	15281	98.9	95.6	100.2	105.8	94.7	94.5	97.8
1996	11274	99.8	95.3	100.8	106.4	94.7	94.5	98.2
1997	7259	99.7	95.3	101.1	106.7	94.3	94.8	97.7
1998	3846	100.2	95.4	101.5	106.8	94.5	94.4	97.7
1999	2651	100.3	95.5	101.4	106.9	94.2	94.5	97.8
2000	1663	100.9	95.5	100.9	106.4	94.4	94.4	98.0
2001	1458	101.2	96.0	101.1	106.5	94.4	94.8	97.9
2002	993	101.3	96.2	101.4	106.9	94.8	94.7	97.9
2003	936	102.3	96.8	102.1	107.7	94.8	95.4	98.1
2004	893	102.7	97.0	102.4	107.8	94.5	95.5	98.1
2005	703	103.2	97.4	102.7	107.9	94.9	95.4	98.0
2006	743	103.3	96.9	102.5	108.0	93.9	96.0	97.9
2007	772	103.2	96.9	101.6	107.3	94.3	96.5	98.7
2008	873	103.6	97.2	102.1	107.7	94.6	96.3	99.1
2009	740	103.9	97.5	102.6	108.0	94.5	96.3	98.5
2010	722	104.2	97.4	102.6	108.0	94.6	96.3	98.7
2011	694	104.1	97.6	102.7	108.3	94.5	96.5	99.0
2012	631	104.3	97.8	102.8	108.3	94.8	96.1	98.9
2013	681	104.4	97.6	103.1	109.2	94.1	96.5	98.7
2014	653	104.8	97.3	102.6	108.6	94.1	96.6	99.3
2015	774	105.7	97.0	102.5	109.0	93.9	97.1	99.3
2016	202	105.1	97.0	102.9	109.0	94.2	96.5	98.8

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

Jaar	Aantal	BA	BZ	KH	BG
1980	713	90.7	100.6	89.4	88.8
1981	1162	91.4	100.0	89.4	89.5
1982	4663	91.8	100.4	89.9	90.0
1983	8208	92.0	100.9	90.3	89.9
1984	7211	91.8	101.0	90.1	90.3
1985	8860	92.4	99.6	91.1	90.8
1986	15849	92.8	101.1	90.5	91.1
1987	21497	94.3	101.2	90.3	93.1
1988	19130	94.5	100.5	91.0	93.4
1989	27135	93.7	100.0	91.8	92.7
1990	27238	93.7	99.7	92.2	92.4
1991	22465	94.0	100.7	91.8	92.8
1992	19573	94.3	100.9	91.9	93.1
1993	20454	94.4	101.8	92.0	93.2
1994	16837	94.2	102.3	91.3	93.2
1995	15281	94.0	102.3	91.1	93.4
1996	11274	95.2	101.6	91.8	94.5
1997	7259	95.1	102.1	91.8	94.2
1998	3846	95.2	102.9	91.5	94.2
1999	2651	95.6	102.8	91.7	94.8
2000	1663	96.9	102.3	92.7	96.0
2001	1458	96.8	102.0	93.3	96.0
2002	993	97.6	102.2	93.8	96.7
2003	936	97.5	101.7	94.3	97.0
2004	893	98.0	101.8	94.4	97.5
2005	703	98.1	101.5	95.1	98.0
2006	743	98.3	102.1	94.7	98.1
2007	772	98.7	101.3	95.5	98.8
2008	873	98.6	101.1	95.4	98.6

2009	740	98.9	101.1	95.8	98.9
2010	722	99.4	100.9	96.2	99.5
2011	694	99.9	101.1	96.4	100.3
2012	631	100.2	100.9	96.5	100.6
2013	681	100.0	100.9	97.0	100.4
2014	653	100.6	100.4	97.2	101.0
2015	774	100.7	100.4	97.6	100.7
2016	202	101.2	100.7	97.6	101.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	713	98.8	94.7	97.7	99.8	99.7	95.3	93.0
1981	1162	99.2	94.4	97.6	99.7	99.5	96.3	93.7
1982	4663	99.5	95.0	97.3	99.9	100.3	96.3	94.2
1983	8208	99.3	94.9	97.7	99.8	100.1	96.3	94.2
1984	7211	99.2	94.9	98.5	99.4	100.0	96.8	94.6
1985	8860	100.2	95.8	98.7	100.0	100.5	98.0	95.4
1986	15849	100.7	96.0	99.0	99.9	101.0	97.6	95.5
1987	21497	100.3	96.6	100.3	99.5	100.8	97.0	95.5
1988	19130	100.1	96.8	100.7	99.4	100.4	97.0	95.4
1989	27135	99.5	96.4	98.0	98.5	99.3	95.5	94.1
1990	27238	99.6	96.8	98.1	98.9	99.6	96.0	94.6
1991	22465	100.6	97.0	98.3	99.7	100.3	96.1	95.0
1992	19573	100.9	97.7	98.6	100.1	100.9	96.5	95.7
1993	20454	101.5	98.4	98.2	100.3	100.5	97.3	96.4
1994	16837	101.8	98.9	98.3	100.2	100.6	98.1	97.1
1995	15281	102.2	99.6	97.7	99.7	101.4	98.5	97.6
1996	11274	102.2	100.4	97.8	99.8	102.0	99.1	98.5
1997	7259	101.7	100.2	98.0	99.5	102.2	98.9	98.0
1998	3846	101.5	100.0	98.2	99.7	102.3	99.3	98.2
1999	2651	102.1	100.6	98.0	100.3	103.4	100.0	99.0
2000	1663	102.5	100.6	99.2	101.1	103.9	100.4	99.5
2001	1458	102.6	100.7	98.9	101.2	104.0	99.9	99.1
2002	993	102.7	101.3	98.1	101.3	103.8	100.6	99.9
2003	936	102.9	101.6	98.2	101.9	104.2	100.6	99.9
2004	893	103.3	102.2	98.0	102.0	104.8	101.1	100.6
2005	703	103.2	102.3	98.7	102.0	104.7	101.2	100.7
2006	743	103.2	101.7	98.7	102.1	105.4	100.9	100.3
2007	772	103.3	102.7	99.3	102.4	106.3	101.8	101.3
2008	873	102.8	102.7	98.9	102.3	106.2	102.3	101.7
2009	740	103.5	103.2	98.3	102.8	106.3	102.4	102.0
2010	722	103.9	103.5	98.2	103.4	106.7	102.5	102.3
2011	694	104.1	103.3	98.7	103.1	106.7	102.2	102.1
2012	631	104.2	103.5	98.2	103.3	106.9	102.6	102.8
2013	681	104.0	104.9	98.5	103.0	108.3	103.2	103.8
2014	653	105.3	104.8	97.9	104.3	108.1	103.0	103.6
2015	774	106.0	104.7	97.1	104.9	107.6	102.8	103.4
2016	202	106.1	105.2	97.3	105.2	108.6	103.3	103.7

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	99.2	87.1	93.2	88.9

1981	1162	89.4	93.6	99.3	87.6	93.8	88.9
1982	4663	90.6	96.0	99.8	88.2	94.2	90.2
1983	8208	90.8	96.4	99.6	88.3	94.8	90.3
1984	7211	91.2	96.4	99.4	88.5	95.4	90.4
1985	8860	90.1	95.6	100.4	88.8	94.9	90.7
1986	15849	89.9	96.0	100.7	89.2	94.4	91.0
1987	21497	91.2	97.0	100.2	91.3	95.4	92.4
1988	19130	91.8	97.3	99.9	91.6	96.1	92.7
1989	27135	93.3	98.3	98.7	90.9	97.1	92.3
1990	27238	93.2	98.2	99.2	90.8	97.1	92.4
1991	22465	93.0	98.3	100.1	91.2	95.9	93.0
1992	19573	93.0	98.6	100.5	91.5	95.7	93.5
1993	20454	93.7	99.0	100.8	91.6	95.3	93.9
1994	16837	94.2	99.7	101.0	91.5	95.4	94.3
1995	15281	94.5	99.9	101.3	91.7	95.0	94.6
1996	11274	94.8	100.3	101.6	92.9	95.0	95.6
1997	7259	94.8	100.2	101.4	92.6	94.8	95.3
1998	3846	94.7	100.3	101.5	92.7	94.7	95.3
1999	2651	94.8	100.2	102.4	93.3	94.7	96.2
2000	1663	94.7	100.0	103.0	94.7	95.1	97.2
2001	1458	95.1	100.1	103.0	94.7	95.3	97.3
2002	993	95.1	100.6	103.1	95.6	95.5	97.9
2003	936	96.1	101.2	103.6	95.9	96.0	98.7
2004	893	96.2	101.1	103.9	96.3	95.8	99.2
2005	703	96.3	101.5	103.9	96.9	96.2	99.5
2006	743	96.4	100.8	104.1	96.9	95.7	99.6
2007	772	96.8	101.0	104.7	97.7	96.0	100.5
2008	873	97.1	101.4	104.5	97.5	96.3	100.4
2009	740	97.0	101.4	105.0	97.9	96.5	100.9
2010	722	97.1	101.5	105.4	98.5	96.5	101.5
2011	694	97.5	101.7	105.3	99.2	96.6	101.9
2012	631	97.3	101.9	105.4	99.6	96.8	102.1
2013	681	97.5	102.0	105.8	99.4	96.1	102.3
2014	653	97.6	101.8	106.7	100.1	96.5	103.1
2015	774	97.7	101.9	106.9	100.0	96.2	103.3
2016	202	97.2	101.9	107.5	100.8	96.2	103.9

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1565	101.8	102.7	103.7	102.5	102.4	103.3	96.2	103.3
1981	2681	102.3	102.9	104.1	103.0	103.0	103.6	95.2	103.8
1982	9138	102.1	102.7	103.7	102.6	102.6	103.9	95.4	103.4
1983	15767	101.9	102.5	103.5	102.3	102.3	103.2	95.4	103.2
1984	14709	102.2	102.4	103.6	102.4	102.5	103.7	95.0	103.2
1985	17858	102.4	102.4	103.8	102.7	102.8	103.5	93.8	103.5
1986	31721	102.4	102.2	103.5	102.4	102.5	103.1	94.1	103.2
1987	42227	103.6	101.9	103.8	102.4	103.1	103.7	94.4	103.3
1988	39903	103.6	101.7	103.6	102.1	103.0	103.6	93.8	103.1
1989	57336	101.9	101.1	101.8	100.6	100.9	102.4	93.7	101.3
1990	57745	102.0	100.8	101.5	100.3	100.8	102.5	93.6	101.0
1991	48477	102.0	100.6	101.5	100.3	101.0	102.8	95.0	101.0
1992	42546	102.3	100.6	101.7	100.4	101.4	103.2	95.5	101.2
1993	45103	102.3	100.7	101.7	100.6	101.8	103.2	96.1	101.3
1994	39457	101.8	100.5	101.1	100.2	101.4	103.3	96.7	100.7
1995	36016	101.4	99.9	100.4	99.4	101.0	102.9	97.3	99.9
1996	27755	101.3	99.8	100.2	99.2	101.1	103.0	98.3	99.7
1997	19529	100.8	98.9	99.5	98.3	100.3	102.9	98.5	98.8
1998	12478	100.4	99.3	99.4	98.5	100.2	102.7	98.9	98.8

1999	8475	100.1	99.0	98.9	98.1	99.8	102.4	99.0	98.4
2000	5821	100.1	98.9	98.7	98.1	99.8	102.5	99.3	98.3
2001	5057	100.1	99.0	98.9	98.3	100.0	102.2	99.3	98.5
2002	3651	99.8	99.1	98.6	98.1	99.8	101.9	99.8	98.2
2003	3366	99.1	98.8	97.9	97.5	99.2	101.4	101.0	97.6
2004	3022	99.0	99.1	97.8	97.6	99.3	101.4	101.5	97.6
2005	2486	99.0	99.3	97.9	97.9	99.4	101.5	101.6	97.7
2006	2719	98.8	98.6	97.5	97.2	99.2	101.7	101.9	97.2
2007	2848	98.8	98.6	97.4	97.3	99.3	101.7	102.6	97.2
2008	2971	99.0	98.5	97.3	97.2	99.2	101.7	102.8	97.1
2009	2361	98.7	98.8	97.3	97.4	99.4	101.8	103.1	97.1
2010	2185	99.0	98.6	97.4	97.3	99.5	101.6	103.3	97.2
2011	2150	98.5	98.4	96.8	96.9	99.0	101.2	103.7	96.7
2012	2234	98.5	98.5	96.8	97.0	99.0	100.9	103.8	96.7
2013	2489	99.4	98.0	97.1	97.0	99.6	101.6	103.5	96.9
2014	2159	99.2	98.0	97.0	97.1	99.5	101.1	104.3	96.8
2015	2499	99.8	98.0	97.2	97.3	100.0	101.8	104.5	97.0
2016	1382	99.8	98.0	97.3	97.3	100.1	102.1	104.5	97.1

Tabel: 153 MRIJ - Holstein Friesian roodbont: Gebruikskennmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	356	98.3	97.3	98.5	101.7	102.3
1981	513	97.2	91.0	99.2	102.3	103.2
1982	2016	97.6	95.3	99.2	102.2	102.8
1983	3694	97.9	94.5	98.9	101.9	102.5
1984	3349	97.2	95.6	98.7	101.8	102.5
1985	4303	97.2	95.4	98.5	101.6	102.5
1986	8461	96.8	96.5	98.4	101.4	102.2
1987	12088	96.5	96.8	98.1	100.9	102.0
1988	10939	96.6	97.2	98.1	100.8	102.0
1989	16294	98.6	98.2	98.0	100.4	100.9
1990	17112	98.5	98.4	98.2	100.4	100.9
1991	18096	99.0	98.7	98.1	100.4	100.9
1992	19558	98.7	98.6	98.2	100.4	101.1
1993	20276	99.4	98.8	98.6	101.0	101.3
1994	16519	99.1	98.2	98.6	100.8	101.2
1995	14829	99.2	98.6	98.0	99.7	100.9
1996	10916	99.5	98.9	98.0	99.6	100.9
1997	6986	98.6	99.0	98.1	99.7	100.6
1998	3648	98.3	98.2	98.5	100.0	100.7
1999	2502	98.3	98.3	98.2	99.7	100.2
2000	1570	97.8	98.6	98.7	100.2	100.6
2001	1399	98.0	98.1	98.3	99.5	99.8
2002	951	98.7	98.7	98.9	100.0	100.5
2003	879	98.8	99.2	98.5	99.5	100.0
2004	808	98.6	98.8	98.9	99.6	100.0
2005	651	98.6	98.7	98.8	99.4	99.9
2006	681	98.9	99.5	98.8	99.4	99.7
2007	694	98.9	99.7	99.4	99.9	100.3
2008	753	99.3	99.4	99.3	99.6	100.0
2009	602	98.6	99.4	99.5	99.7	100.1
2010	617	98.5	99.8	100.0	100.1	100.2
2011	571	98.7	99.8	100.3	100.1	100.2
2012	493	99.0	100.3	100.6	100.4	100.2
2013	517	98.5	100.0	100.8	100.7	100.8
2014	474	99.0	100.6	100.6	100.5	100.3
2015	614	100.8	101.4	99.8	100.1	99.8
2016	147	99.9	100.5	100.8	100.8	100.5

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	-124.0	-261.9	41.6	102.3	103.3	99.2	87.1	97.1
1981	828	-101.3	-255.3	55.6	103.2	103.8	99.3	87.6	97.5
1982	4078	-113.6	-258.7	22.5	102.9	103.4	99.8	88.2	97.5
1983	7397	-118.9	-248.4	-38.9	102.5	103.2	99.6	88.3	97.5
1984	7741	-128.8	-244.8	-146.6	102.5	103.2	99.4	88.5	97.6
1985	11156	-128.4	-248.6	-237.8	102.4	103.5	100.4	88.8	98.2
1986	22223	-135.1	-240.9	-309.9	102.1	103.2	100.7	89.2	97.9
1987	32108	-128.2	-247.6	-380.9	101.7	103.3	100.2	91.3	97.8
1988	34077	-132.4	-250.4	-410.9	101.7	103.1	99.9	91.6	97.8
1989	50359	-150.5	-224.3	-415.3	100.7	101.3	98.7	90.9	97.5
1990	50982	-149.0	-215.3	-402.6	100.7	101.0	99.2	90.8	97.3
1991	41801	-139.7	-199.8	-383.0	100.8	101.0	100.1	91.2	97.3
1992	36174	-130.2	-188.4	-356.8	100.9	101.2	100.5	91.5	97.3
1993	38960	-109.9	-160.4	-317.8	101.3	101.3	100.8	91.6	97.6
1994	33545	-98.5	-122.9	-291.8	101.2	100.7	101.0	91.5	97.8
1995	30692	-94.3	-95.5	-258.0	100.4	99.9	101.3	91.7	97.9
1996	23494	-79.0	-77.0	-202.7	100.4	99.7	101.6	92.9	98.3
1997	16372	-80.5	-47.5	-205.8	100.2	98.8	101.4	92.6	98.1
1998	10206	-75.6	-43.5	-203.7	100.4	98.8	101.5	92.7	98.0
1999	6945	-65.1	-27.8	-177.4	100.0	98.4	102.4	93.3	98.2
2000	4913	-45.0	-22.9	-148.6	100.4	98.3	103.0	94.7	98.6
2001	4277	-40.4	-2.5	-108.6	99.6	98.5	103.0	94.7	98.6
2002	2992	-20.1	18.3	-63.1	100.3	98.2	103.1	95.6	98.3
2003	2730	-18.2	33.5	-48.5	99.8	97.6	103.6	95.9	97.9
2004	2470	-3.9	52.4	-7.4	99.8	97.6	103.9	96.3	98.0
2005	2086	0.9	54.3	-10.6	99.6	97.7	103.9	96.9	98.0
2006	2290	16.0	92.2	58.7	99.5	97.2	104.1	96.9	98.3
2007	2304	27.2	95.2	80.1	100.1	97.2	104.7	97.7	98.3
2008	2391	27.3	111.5	57.6	99.8	97.1	104.5	97.5	98.5
2009	1897	37.1	117.7	80.3	100.0	97.1	105.0	97.9	98.5
2010	1791	49.8	129.2	118.9	100.2	97.2	105.4	98.5	98.5
2011	1724	57.0	151.2	129.5	100.2	96.7	105.3	99.2	98.2
2012	1812	68.2	165.8	143.7	100.4	96.7	105.4	99.6	98.4
2013	2043	76.9	171.7	157.4	100.9	96.9	105.8	99.4	98.9
2014	1802	89.0	190.6	188.5	100.4	96.8	106.7	100.1	99.2
2015	2015	85.0	192.7	187.2	99.9	97.0	106.9	100.0	99.1
2016	768	105.4	199.1	244.9	100.7	97.1	107.5	100.8	99.3

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1982	39	92.8	96.0	94.8	93.6	95.6	97.8	100.2
1983	46	92.8	95.7	95.1	93.7	95.5	98.3	99.6
1984	66	93.0	95.9	94.9	93.7	95.9	98.1	100.1
1985	35	94.1	96.4	96.0	94.4	96.8	99.3	99.7
1986	40	93.8	96.3	95.5	93.9	97.0	98.7	100.0
1987	84	93.7	94.3	96.9	95.3	95.8	98.1	99.1
1988	141	93.6	94.4	97.4	95.1	95.3	97.9	98.7
1989	978	93.2	94.8	97.5	93.7	95.2	97.9	98.3
1990	1203	93.3	94.8	97.6	93.8	95.2	98.0	98.4

1991	1929	92.3	94.3	95.9	93.0	95.5	97.6	99.6
1992	1527	92.1	94.1	95.5	93.1	95.6	97.6	99.9
1993	2903	92.3	95.6	94.4	92.7	95.6	99.6	100.4
1994	3912	93.6	96.1	96.3	93.5	95.8	100.4	99.8
1995	7254	94.6	96.9	97.2	93.9	96.1	101.3	99.1
1996	4126	94.7	96.2	97.5	94.6	96.0	100.8	99.2
1997	3958	93.8	95.5	96.8	94.4	95.5	99.2	99.4
1998	2375	94.0	95.5	97.0	94.8	95.2	99.5	99.1
1999	1628	94.8	96.4	97.7	95.0	95.7	100.0	99.1
2000	944	94.8	96.3	97.4	95.2	95.8	99.6	99.4
2001	863	95.3	96.6	97.7	95.5	96.4	100.0	99.5
2002	621	95.9	97.3	97.6	96.0	97.1	100.6	99.5
2003	652	96.5	97.7	97.8	96.7	97.4	99.9	100.3
2004	669	96.5	98.0	97.8	96.6	97.6	99.3	100.2
2005	502	97.4	98.5	98.2	97.3	98.1	100.1	100.7
2006	554	97.4	98.6	98.0	97.3	98.0	100.4	101.1
2007	592	97.6	99.0	98.3	97.6	98.1	99.7	100.5
2008	731	97.3	98.6	98.1	97.5	97.9	99.4	100.6
2009	588	97.3	99.0	97.6	97.3	98.5	99.6	101.2
2010	583	97.7	99.1	97.7	97.7	98.7	100.3	101.4
2011	537	98.4	99.5	98.1	98.3	98.9	100.7	101.4
2012	487	98.7	99.8	98.3	98.3	99.2	101.0	101.4
2013	546	98.7	100.6	98.3	97.8	99.8	99.9	101.7
2014	513	98.9	100.2	98.5	98.0	99.8	101.0	101.6
2015	596	98.0	98.8	98.2	97.7	98.9	101.7	101.6
2016	133	98.8	99.3	98.7	98.2	99.4	102.1	101.7

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	394	96.6	98.6	96.6	98.6	98.5	97.4
1981	620	97.3	98.6	97.3	98.6	99.4	98.0
1982	2798	96.8	98.9	96.8	98.9	98.5	97.9
1983	5056	97.1	98.6	97.1	98.6	98.6	98.3
1984	5079	97.7	98.5	97.7	98.5	99.5	98.2
1985	6972	98.8	98.5	98.8	98.5	100.3	98.6
1986	14510	98.6	98.3	98.6	98.3	100.2	98.5
1987	20840	98.0	98.8	98.0	98.8	99.6	98.9
1988	20494	97.9	98.8	97.9	98.8	99.5	98.9
1989	32091	97.0	99.3	97.0	99.3	99.1	98.9
1990	37729	96.8	99.3	96.8	99.3	99.0	98.7
1991	38460	97.2	99.1	97.2	99.1	99.4	98.5
1992	35936	97.4	98.9	97.4	98.9	99.3	98.1
1993	44833	97.5	99.2	97.5	99.2	99.5	97.9
1994	40800	97.8	99.1	97.8	99.1	99.9	97.9
1995	42501	98.1	99.0	98.1	99.0	100.1	98.0
1996	35079	98.4	99.1	98.4	99.1	100.3	98.4
1997	26006	98.5	98.9	98.5	98.9	100.4	98.3
1998	16885	98.5	98.9	98.5	98.9	100.1	98.1
1999	12105	99.0	98.7	99.0	98.7	100.7	98.2
2000	8804	99.3	99.0	99.3	99.0	100.9	98.7
2001	6889	99.4	98.8	99.4	98.8	101.0	98.7
2002	5404	98.9	98.9	98.9	98.9	100.9	98.7
2003	4734	99.0	98.4	99.0	98.4	100.7	98.5
2004	4222	99.1	98.4	99.1	98.4	100.8	98.5
2005	3384	99.1	98.4	99.1	98.4	100.6	98.5
2006	3391	99.5	98.5	99.5	98.5	101.1	98.7
2007	3233	99.7	98.4	99.7	98.4	101.6	98.5
2008	3340	99.7	98.7	99.7	98.7	101.4	99.0

2009	2907	99.9	98.5	99.9	98.5	101.6	98.9
2010	2706	99.7	98.6	99.7	98.6	101.4	98.9
2011	2545	99.7	98.3	99.7	98.3	101.4	98.7
2012	2584	99.6	98.6	99.6	98.6	101.3	98.9
2013	2732	100.0	98.8	100.0	98.8	101.9	98.8
2014	2497	99.9	99.0	99.9	99.0	101.9	99.1
2015	3100	99.4	99.5	99.4	99.5	101.9	99.3
2016	2366	99.7	99.5	99.7	99.5	102.1	99.3
2017	1890	100.0	99.4	100.0	99.4	102.4	99.4
2018	1428	99.9	99.5	99.9	99.6	102.4	99.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	471	95.2	103.6	105.8	83.3	83.3	83.4
1981	621	96.6	103.1	103.9	82.7	82.7	82.6
1982	2682	97.2	102.9	103.7	93.5	93.2	93.6
1983	5992	95.1	103.2	105.8	96.3	94.2	94.4
1984	5493	97.6	101.8	103.3	93.7	95.2	96.4
1985	6858	99.1	100.1	101.5	94.1	96.3	94.8
1986	13756	97.1	101.1	103.5	97.5	96.1	95.5
1987	18959	97.6	102.0	103.2	97.6	97.6	99.0
1988	17356	97.6	101.7	103.2	97.6	98.1	99.0
1989	22704	94.3	101.8	106.7	98.0	99.0	99.4
1990	23306	95.1	101.5	105.8	97.9	100.2	100.5
1991	22323	94.9	101.7	105.8	98.1	100.4	99.9
1992	20609	95.6	101.8	105.1	98.4	99.8	98.7
1993	20487	96.4	101.0	104.3	98.3	99.9	99.0
1994	18205	96.6	101.5	104.0	99.1	99.3	99.0
1995	17324	96.5	101.2	104.1	98.6	99.5	98.7
1996	14013	96.4	101.5	104.4	99.7	99.8	98.9
1997	9202	96.5	101.3	104.2	98.6	100.1	99.7
1998	5649	96.9	100.9	103.9	98.3	101.2	99.4
1999	4132	98.5	99.9	102.3	98.0	101.2	100.8
2000	3035	96.8	100.4	103.9	99.8	99.2	98.5
2001	2738	96.6	101.5	104.4	99.8	97.4	98.0
2002	1960	96.9	101.1	103.7	99.6	98.5	99.2
2003	1819	96.7	101.1	103.8	99.1	100.0	99.7
2004	1799	97.3	100.8	103.3	99.4	100.6	100.1
2005	1671	97.3	101.4	103.1	98.7	99.5	100.3
2006	1813	97.4	100.7	103.3	99.4	99.9	99.2
2007	2191	98.1	100.3	102.4	98.5	100.3	101.3
2008	2241	97.7	100.5	102.9	99.1	99.5	100.7
2009	1901	97.6	101.1	103.1	99.4	99.6	100.4
2010	1796	97.8	100.6	102.8	98.8	100.2	99.8
2011	1684	97.4	100.0	103.4	98.7	100.9	99.3
2012	1679	97.7	100.3	103.1	99.3	100.4	99.7
2013	1736	98.9	99.6	101.9	97.7	100.6	100.8
2014	1578	98.7	99.7	102.0	99.2	99.6	99.9
2015	1977	98.3	99.7	102.0	98.9	100.6	100.1
2016	1390	98.9	99.8	101.7	99.5	100.0	100.6
2017	1106	98.6	99.5	102.0	100.3	99.4	99.8
2018	865	99.0	99.4	101.7	100.8	99.8	99.9

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	102.1	97.8	99.7	98.7	99.3	98.7	102.9	99.3	102.5	98.5	101.2
1981	804	102.1	98.5	98.8	98.5	100.4	98.4	102.6	99.2	102.8	98.1	101.0
1982	3114	101.8	98.0	98.9	98.5	99.6	98.4	102.5	99.5	101.9	98.8	99.1
1983	5748	102.3	98.1	99.3	98.5	100.6	97.9	102.7	99.2	102.7	98.9	101.0
1984	5405	102.2	98.6	99.1	98.6	100.8	97.8	102.7	99.1	102.9	98.6	100.3
1985	7264	102.0	98.8	98.0	98.5	100.3	97.0	102.6	99.0	102.4	97.7	100.1
1986	14427	101.9	98.0	98.4	98.2	99.9	97.1	102.7	99.2	102.0	97.7	99.5
1987	20291	103.4	98.9	97.9	99.4	102.0	96.7	104.3	98.3	103.6	97.2	101.8
1988	19743	103.3	99.3	98.0	99.5	102.3	97.0	104.0	98.3	103.8	97.5	101.6
1989	30194	103.0	99.6	98.8	99.3	102.1	97.5	103.5	98.5	103.9	97.8	102.0
1990	34873	102.8	99.5	99.3	99.3	101.7	97.6	103.2	98.8	103.7	97.8	101.9
1991	33711	102.3	98.1	99.0	98.8	100.5	97.6	103.0	98.9	102.5	97.6	101.1
1992	34196	102.0	97.8	99.1	98.7	100.1	97.6	102.7	99.0	102.1	97.7	100.6
1993	38569	102.0	97.1	99.7	98.7	99.8	97.4	102.7	99.3	101.4	97.8	100.6
1994	34697	101.7	96.6	100.1	99.1	98.8	98.1	102.5	99.7	100.6	98.1	101.1
1995	32495	101.3	95.8	100.3	98.8	97.5	98.5	102.0	100.3	99.5	98.0	100.8
1996	29610	100.5	95.5	100.5	98.8	96.4	99.5	101.0	100.5	99.4	98.4	100.8
1997	24271	99.8	94.8	100.7	98.3	95.9	99.3	100.5	100.2	98.9	98.6	99.5
1998	14213	99.6	94.4	100.7	98.2	95.6	99.2	100.4	100.1	98.5	98.2	99.7
1999	11456	99.3	94.4	100.6	98.2	95.5	99.2	100.1	100.2	98.2	98.4	99.3
2000	7172	99.5	94.4	100.5	98.7	95.3	99.5	100.1	100.7	98.4	99.0	99.1
2001	5836	99.1	94.0	101.4	98.1	95.3	99.8	99.7	100.3	98.0	99.4	99.0
2002	5223	99.5	94.6	101.3	98.6	95.6	99.8	100.1	100.6	98.4	99.2	99.0
2003	4482	98.9	94.3	100.9	98.7	94.8	100.0	99.4	100.9	98.0	98.7	99.4
2004	3902	98.9	93.9	101.0	98.4	94.9	99.8	99.3	100.9	98.2	98.7	99.0
2005	3131	99.0	94.0	100.9	98.8	94.4	99.8	99.5	101.0	97.6	99.0	99.2
2006	3089	98.3	93.0	102.0	97.9	94.0	100.3	98.9	101.2	96.6	100.4	97.0
2007	2680	97.8	93.1	101.4	97.2	94.2	100.4	98.2	100.9	97.1	99.0	96.9
2008	2575	98.0	92.9	101.2	97.7	93.8	100.1	98.7	100.7	96.6	99.0	97.4
2009	2225	98.0	92.8	101.7	98.0	93.4	100.7	98.5	101.0	97.7	99.5	97.9
2010	1886	97.5	92.3	101.5	97.8	92.9	100.5	98.3	100.4	96.8	98.6	97.3
2011	1458	97.0	91.9	101.6	97.3	92.4	100.7	98.0	100.3	96.1	99.1	97.2
2012	972	96.9	92.2	101.3	97.6	92.4	100.9	98.1	99.9	96.1	99.2	97.4
2013	903	96.7	91.6	101.3	97.5	92.2	100.9	98.2	99.4	95.5	99.2	96.8
2014	712	96.4	90.6	101.7	96.9	91.9	100.9	97.8	99.6	94.9	99.2	96.9
2015	763	96.0	90.8	101.3	97.1	91.4	101.5	97.2	99.8	95.1	99.4	96.8
2016	202	96.0	90.6	101.6	96.6	91.6	101.0	97.4	99.4	94.7	99.0	96.5

Tabel: 159 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	392	100.9	98.7	100.4
1981	626	102.2	99.6	100.9
1982	2804	100.8	98.6	101.1
1983	5110	100.9	98.7	101.0
1984	5145	100.6	98.3	101.1
1985	7087	101.0	98.5	101.9
1986	14778	101.1	98.6	101.7
1987	21255	100.8	98.1	101.4
1988	20984	100.7	98.1	101.5
1989	33097	99.6	97.8	101.1
1990	38964	99.2	97.5	101.1
1991	38384	99.3	97.5	101.2
1992	34908	99.1	97.4	101.2
1993	47618	98.9	97.3	101.3
1994	51016	99.4	97.7	101.3

1995	48666	99.9	98.1	101.4
1996	40853	100.2	98.3	100.9
1997	31034	100.5	98.6	100.9
1998	20599	100.4	98.5	100.9
1999	14861	100.8	98.8	101.2
2000	10558	100.5	98.8	101.2
2001	8073	100.7	98.8	101.0
2002	6420	101.4	99.3	100.9
2003	5683	101.5	99.4	100.7
2004	4949	101.6	99.3	100.5
2005	3949	101.6	99.3	100.7
2006	3918	101.8	99.5	100.7
2007	3704	102.6	100.1	101.3
2008	3836	102.4	99.7	101.2
2009	3326	102.1	99.5	100.7
2010	3101	102.4	99.8	100.6
2011	2913	102.6	100.1	100.3
2012	2905	102.7	100.2	100.2
2013	3057	102.8	100.1	100.3
2014	2780	102.7	100.0	100.4
2015	3528	103.5	100.5	99.9
2016	2820	103.3	100.5	100.1
2017	2341	103.4	100.7	100.4
2018	1619	103.3	100.7	100.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	4280	-1089.0	-3232.8	-189.4	-157.8
2002	2990	-735.6	-1936.4	-125.7	-108.6
2003	2729	-584.1	-1385.5	-101.0	-86.1
2004	2475	-248.0	-123.4	-40.4	-39.4
2005	2098	-253.8	-92.3	-47.1	-37.5
2006	2304	337.9	2275.9	51.1	48.7
2007	2312	489.7	2800.1	82.4	67.9
2008	2399	415.6	2470.0	69.2	57.7
2009	1905	593.4	3145.0	97.7	84.2
2010	1809	897.6	4464.1	148.0	128.3
2011	1757	1049.5	4997.2	174.9	149.8
2012	1826	1209.3	5617.6	204.2	171.7
2013	2074	1341.4	6054.0	221.2	193.7
2014	1830	1638.8	7309.1	273.9	235.1
2015	2037	1623.3	7218.8	280.6	228.3
2016	827	2061.8	8879.2	353.6	292.2

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

Jaar	Aantal	Eff	Int	Gewen
1980	59	99.9	104.4	100.0
1981	75	98.8	105.3	99.8
1982	331	98.4	104.8	100.4
1983	481	100.2	103.6	100.0
1984	335	98.0	104.4	100.0
1985	505	97.1	105.8	99.3

1986	768	97.5	105.1	99.6
1987	1517	98.4	103.1	99.1
1988	1253	98.2	102.8	99.2
1989	1862	99.5	99.9	99.4
1990	1650	99.5	99.9	99.4
1991	1503	99.6	101.2	99.7
1992	1319	99.6	102.0	99.8
1993	1551	99.8	102.6	99.6
1994	1449	99.5	101.8	100.0
1995	1464	99.8	101.5	99.8
1996	1228	100.1	102.0	100.1
1997	856	99.5	102.3	100.2
1998	528	99.2	102.5	99.7
1999	370	99.1	102.4	99.9
2000	243	98.9	102.6	99.9
2001	305	99.1	103.3	99.5
2002	191	99.1	103.7	99.7
2003	202	99.3	104.2	99.8
2004	210	99.4	104.1	99.9
2005	179	99.6	104.5	99.6
2006	234	100.0	104.6	99.8
2007	292	99.9	104.7	99.8
2008	314	100.3	104.6	99.7
2009	278	99.8	104.2	99.4
2010	293	99.6	104.3	100.0
2011	330	99.4	105.8	99.5
2012	288	99.7	106.7	99.5
2013	313	99.9	107.5	99.6
2014	352	100.0	108.7	99.3
2015	453	101.3	109.8	99.7
2016	175	101.2	110.3	99.6

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	-3.5	0	0.0
1981	828	96.0	100.2	6	-2.3	0	0.0
1982	4079	96.4	100.3	9	-2.3	0	0.0
1983	7397	97.0	100.6	6	-3.0	0	0.0
1984	7743	97.0	100.5	7	-1.6	0	0.0
1985	11158	96.2	100.5	13333	-3.3	0	0.0
1986	22223	96.4	100.5	24914	-3.1	0	0.0
1987	32108	96.1	100.4	34299	-2.9	0	0.0
1988	34077	96.5	100.2	34774	-2.8	0	0.0
1989	50360	97.4	100.1	50677	-2.4	0	0.0
1990	50982	97.7	100.1	51231	-2.4	0	0.0
1991	41801	97.0	99.8	42232	-2.2	0	0.0
1992	36174	97.0	99.9	36706	-2.1	0	0.0
1993	38962	97.3	100.2	38997	-1.9	0	0.0
1994	33545	97.0	100.3	33559	-1.5	0	0.0
1995	30693	96.4	99.7	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	6945	97.1	99.6	6948	-0.7	0	0.0
2000	4914	97.3	99.5	4919	-0.7	0	0.0
2001	4277	98.1	99.5	4280	-0.5	1458	95.5
2002	2992	97.9	99.5	2997	-0.3	993	95.8
2003	2730	98.2	99.7	2735	-0.0	936	96.7

2004	2470	98.3	100.0	2474	0.1	893	96.9
2005	2086	98.1	99.7	2088	0.2	703	97.5
2006	2290	99.0	99.9	2293	0.3	743	96.8
2007	2304	99.0	100.2	2307	0.4	772	96.9
2008	2391	99.0	100.0	2392	0.6	873	97.5
2009	1897	99.4	100.3	1898	0.6	740	97.7
2010	1791	99.1	100.3	1795	0.7	722	97.9
2011	1724	99.7	100.3	1727	0.9	694	98.0
2012	1812	99.7	100.6	1815	1.1	631	98.3
2013	2043	99.6	100.6	2051	1.0	681	98.0
2014	1802	100.2	100.7	1809	1.2	653	98.0
2015	2015	100.7	100.1	2032	1.3	774	98.0
2016	768	100.4	100.3	795	1.4	202	97.9
2017	0	0.0	0.0	49	2.6	0	0.0
2018	0	0.0	0.0	21	1.9	1	96.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	58	-3441.7	-62.1	-97.3	-157.0	201.4	58.3	-0.5	-576.6
1981	83	-3582.7	-68.2	-101.6	-163.5	207.1	61.3	-0.7	-608.6
1982	106	-3620.1	-60.5	-100.8	-165.1	227.5	65.9	-0.7	-589.9
1983	101	-3611.5	-61.3	-101.1	-164.8	224.1	64.5	-0.7	-592.9
1984	191	-3672.5	-62.2	-103.9	-167.5	231.3	63.9	-0.7	-606.9
1985	175	-3731.8	-66.2	-106.5	-170.3	231.8	63.6	-0.8	-626.9
1986	242	-3614.4	-64.9	-102.7	-164.9	217.9	61.5	-0.8	-606.8
1987	314	-3646.1	-66.6	-103.5	-166.3	218.8	63.0	-0.7	-614.0
1988	358	-3579.7	-62.6	-100.5	-163.3	217.4	63.0	-0.7	-592.9
1989	254	-3474.0	-62.0	-97.9	-158.5	204.6	59.3	-0.7	-579.4
1990	399	-3471.1	-62.0	-97.8	-158.4	204.3	59.4	-0.7	-578.8
1991	171	-3267.7	-56.2	-92.8	-149.1	190.7	52.6	-0.6	-543.2
1992	248	-3103.3	-57.4	-87.3	-141.6	167.4	50.1	-0.5	-521.2
1993	177	-2772.3	-50.9	-77.8	-126.5	141.6	42.6	-0.5	-463.9
1994	200	-2695.7	-45.0	-73.7	-123.0	144.5	44.5	-0.4	-433.4
1995	194	-2701.9	-45.5	-74.2	-123.3	142.7	43.5	-0.5	-436.5
1996	201	-2734.1	-46.8	-74.5	-124.8	144.9	45.7	-0.5	-441.2
1997	241	-2673.8	-44.7	-72.9	-122.0	140.7	43.8	-0.5	-429.2
1998	236	-2537.7	-42.0	-68.7	-115.8	131.3	41.4	-0.5	-404.7
1999	316	-2363.5	-30.9	-61.3	-107.8	132.4	41.9	-0.4	-348.7
2000	274	-2228.7	-25.1	-56.8	-101.7	128.7	40.3	-0.3	-316.1
2001	280	-2305.1	-25.9	-57.7	-100.4	135.1	44.0	8.4	-320.9
2002	323	-2218.0	-25.5	-54.7	-97.1	127.0	43.3	7.0	-306.9
2003	372	-2183.2	-22.3	-53.6	-96.5	128.6	42.5	5.2	-295.6
2004	464	-2022.8	-18.5	-47.0	-90.2	119.5	42.6	3.4	-258.9
2005	501	-2043.9	-16.6	-46.2	-91.4	124.4	45.2	2.8	-252.0
2006	645	-2003.2	-12.4	-45.7	-90.3	127.4	43.4	1.5	-240.6
2007	684	-1960.6	-9.2	-42.2	-88.9	128.5	46.3	0.6	-218.9
2008	771	-1923.8	-9.8	-42.5	-87.0	124.0	43.3	0.9	-221.0
2009	931	-1992.0	-10.7	-43.7	-90.6	128.7	45.9	0.2	-229.0
2010	870	-1898.2	-7.7	-41.0	-86.5	125.0	44.1	-0.1	-210.4
2011	994	-1905.5	-5.8	-40.9	-86.9	128.7	44.9	-0.3	-205.8
2012	886	-1996.0	-6.6	-41.7	-91.3	136.2	49.7	-0.8	-212.2
2013	1490	-2011.5	-4.2	-41.4	-93.4	141.6	51.3	-3.0	-206.5
2014	1011	-1992.6	-1.5	-40.5	-93.3	144.3	51.6	-4.2	-197.0
2015	731	-1852.2	1.9	-35.0	-88.4	136.7	51.1	-6.4	-166.0
2016	555	-1790.4	5.3	-33.4	-86.1	136.2	49.6	-7.0	-151.7

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	28	69.2	81.8	83.4	90.1	90.0	94.1	78.1
1981	23	68.7	81.8	83.3	90.1	90.5	94.0	77.3
1982	45	67.5	80.8	82.8	90.0	90.5	93.6	76.0
1983	37	67.9	81.1	83.1	90.0	91.4	93.0	75.8
1984	54	66.9	80.7	82.4	89.6	90.8	93.0	75.5
1985	16	67.3	80.6	82.7	89.3	91.1	92.1	76.6
1986	26	68.0	80.7	83.2	90.1	89.8	91.9	77.6
1987	21	67.5	80.8	83.2	90.7	89.9	93.3	77.6
1988	21	69.4	81.0	84.1	91.2	89.2	93.9	79.0
1989	17	70.6	82.0	84.8	91.5	89.4	93.2	80.6
1990	18	69.4	81.0	84.7	91.6	90.0	92.6	78.7
1991	18	70.3	81.1	84.4	91.2	90.4	93.5	78.2
1992	23	69.8	80.3	84.3	91.6	89.4	94.1	78.1
1993	21	70.1	80.9	85.0	92.2	89.4	94.6	79.0
1994	22	70.0	80.8	84.2	91.6	89.7	93.7	79.0
1995	13	68.8	79.9	83.5	91.0	90.7	93.4	77.2
1996	11	68.0	80.7	84.3	91.7	90.3	92.4	77.7
1998	16	69.1	81.0	84.4	91.9	89.8	94.4	79.2
1999	17	71.6	82.8	86.1	93.7	88.8	96.8	81.4
2000	21	70.0	81.5	84.9	92.0	89.7	95.4	79.9
2001	15	70.7	82.1	85.2	92.7	89.9	95.4	79.4
2002	24	70.4	82.1	85.3	92.4	89.2	95.2	80.9
2003	18	70.9	82.4	85.4	92.4	89.8	94.7	80.8
2004	21	71.7	82.7	85.8	93.0	89.7	95.0	81.5
2005	31	69.9	81.3	84.3	91.8	89.6	94.3	79.4
2006	22	70.7	82.0	84.8	91.9	89.9	94.0	80.8
2007	16	70.4	82.9	85.8	92.4	91.1	93.9	80.4
2008	14	69.6	82.6	85.1	92.1	89.6	93.8	80.4
2010	21	69.9	82.8	85.0	92.5	89.8	95.5	81.1
2011	10	70.8	84.2	85.2	92.3	91.1	96.2	83.0
2012	18	69.8	83.4	85.3	92.6	90.7	95.4	81.1
2015	10	71.8	85.9	87.8	94.6	91.7	95.9	85.4
2016	10	72.9	85.2	88.3	95.0	91.2	94.8	84.7

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

Jaar	Aantal	BA	BZ	KH	BG
1980	28	103.9	102.4	88.4	105.5
1981	23	104.6	102.5	88.9	106.4
1982	45	105.0	102.6	89.4	107.1
1983	37	105.7	103.5	90.0	108.1
1984	54	105.5	104.4	88.8	107.6
1985	16	104.9	103.9	89.4	107.0
1986	26	106.5	103.3	88.6	108.6
1987	21	106.3	103.3	88.5	108.1
1988	21	105.9	102.8	87.8	107.4
1989	17	106.4	102.8	87.3	107.8
1990	18	106.8	103.4	87.9	108.8
1991	18	106.4	103.5	88.6	108.5
1992	23	108.7	103.8	89.6	110.9
1993	21	109.3	103.9	89.0	111.3
1994	22	108.2	102.8	89.0	110.3

1995	13	108.5	102.9	89.9	111.0
1996	11	106.5	102.9	89.2	108.0
1998	16	108.0	103.0	89.0	109.9
1999	17	109.1	103.5	87.6	110.4
2000	21	108.0	103.2	88.0	109.8
2001	15	107.9	103.7	88.4	109.5
2002	24	107.7	103.2	87.9	109.2
2003	18	107.8	102.9	88.4	109.4
2004	21	108.5	102.1	88.8	110.0
2005	31	108.4	103.8	87.4	109.4
2006	22	108.0	102.7	87.8	109.2
2007	16	108.1	102.3	89.2	109.7
2008	14	107.4	102.6	88.6	109.2
2010	21	108.6	102.9	87.7	109.4
2011	10	107.7	101.4	88.1	108.6
2012	18	108.1	103.4	87.3	109.4
2015	10	109.5	104.0	87.0	110.0
2016	10	108.5	103.2	88.4	110.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	28	93.2	90.9	104.2	90.3	92.5	92.7	91.7
1981	23	94.0	91.7	103.9	91.3	92.7	93.7	92.5
1982	45	93.0	91.2	103.5	90.4	92.4	93.7	92.4
1983	37	92.8	91.0	104.0	89.8	93.1	93.9	92.8
1984	54	93.5	90.9	104.3	90.5	93.2	93.4	92.5
1985	16	92.5	92.2	102.4	89.2	92.1	93.1	92.6
1986	26	94.2	92.3	104.6	89.8	93.9	93.5	92.7
1987	21	93.0	93.2	103.3	89.2	93.8	94.1	93.4
1988	21	94.3	92.1	104.3	90.3	94.6	93.5	92.9
1989	17	93.0	91.9	104.2	88.8	94.4	94.1	93.2
1990	18	92.3	92.2	104.3	87.6	94.2	93.7	93.2
1991	18	94.1	93.1	104.7	89.8	94.8	95.2	94.1
1992	23	93.7	94.4	104.5	88.8	95.3	96.1	95.1
1993	21	94.7	95.6	105.0	89.0	96.9	96.5	96.0
1994	22	94.5	94.0	105.1	89.3	96.7	95.6	94.5
1995	13	93.7	94.6	105.5	88.4	95.2	95.2	94.4
1996	11	94.8	93.6	104.5	89.4	95.5	94.5	93.6
1998	16	93.6	94.9	105.5	88.2	95.6	95.2	94.5
1999	17	96.0	96.5	103.9	90.8	97.1	95.1	95.7
2000	21	95.0	95.2	104.3	90.0	96.2	95.8	95.5
2001	15	95.3	95.5	104.3	90.7	95.8	95.7	96.0
2002	24	94.2	94.8	104.4	89.5	95.1	94.5	94.4
2003	18	94.9	95.2	105.1	90.2	96.6	95.1	94.7
2004	21	95.9	95.6	105.8	90.6	97.8	96.2	95.5
2005	31	96.0	94.9	104.6	91.2	97.4	95.6	95.3
2006	22	96.9	94.7	104.8	91.6	97.2	95.1	94.7
2007	16	96.3	95.7	104.9	91.2	97.1	95.9	95.5
2008	14	96.1	94.2	105.1	91.6	96.6	94.9	94.4
2010	21	97.9	95.5	104.6	92.8	98.5	95.4	95.4
2011	10	96.8	95.1	104.3	92.1	97.5	94.6	94.2
2012	18	98.6	95.6	103.5	93.5	99.1	95.6	95.4
2015	10	100.5	98.1	104.3	95.2	98.5	95.0	96.0
2016	10	98.1	97.0	103.9	92.8	98.7	97.1	97.4

Tabel: 167 Jersey: Exterieurkenmerken bovenbalk

Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	28	73.7	76.4	90.1	103.3	0.0	85.1
1981	23	73.1	76.6	91.1	104.2	0.0	86.0
1982	45	71.8	76.3	90.3	104.8	0.0	85.5
1983	37	71.7	76.9	90.3	105.9	0.0	86.0
1984	54	71.1	76.1	90.6	105.1	0.0	85.4
1985	16	71.1	76.3	89.4	104.5	0.0	84.4
1986	26	71.8	76.2	90.9	106.1	0.0	86.5
1987	21	72.6	76.7	90.5	105.8	0.0	86.4
1988	21	74.0	76.8	91.4	105.0	0.0	86.8
1989	17	75.2	77.5	90.4	105.4	0.0	86.9
1990	18	73.4	77.4	89.6	106.4	0.0	86.6
1991	18	73.7	77.4	91.7	106.2	0.0	87.6
1992	23	73.5	77.0	91.3	108.7	0.0	88.7
1993	21	74.7	77.6	92.3	109.0	0.0	89.8
1994	22	73.9	77.4	92.3	108.1	0.0	89.0
1995	13	72.2	77.2	91.1	109.0	0.0	88.2
1996	11	72.6	77.6	91.9	105.7	0.0	87.3
1998	16	74.5	77.7	91.1	107.8	0.0	88.3
1999	17	78.1	78.6	93.4	108.1	0.0	91.0
2000	21	75.6	77.9	92.4	107.5	0.0	89.4
2001	15	75.8	78.4	92.6	107.3	0.0	89.6
2002	24	76.6	78.0	91.5	107.0	0.0	88.9
2003	18	76.3	78.3	92.7	107.1	0.0	89.5
2004	21	77.0	78.8	93.8	107.9	0.0	90.8
2005	31	74.6	77.5	93.6	106.9	0.0	89.4
2006	22	75.6	78.0	94.1	107.0	0.0	89.9
2007	16	75.9	79.2	94.0	107.8	0.0	90.6
2008	14	75.9	78.0	93.5	106.9	0.0	89.7
2010	21	77.0	78.4	95.4	107.2	0.0	91.2
2011	10	78.6	79.5	94.5	106.6	0.0	91.0
2012	18	77.2	79.2	96.2	106.8	0.0	91.8
2015	10	81.3	82.4	97.3	107.7	0.0	94.5
2016	10	80.2	82.2	95.8	107.8	0.0	93.1

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	107	104.8	108.3	109.3	109.4	105.9	98.2	80.1	109.6
1981	165	104.9	108.4	109.5	109.5	106.0	98.0	80.2	109.7
1982	227	104.7	108.8	109.6	109.6	106.0	97.8	78.7	109.9
1983	217	105.0	108.7	109.5	109.5	106.3	97.7	78.4	109.8
1984	307	105.0	108.6	109.7	109.6	106.3	98.0	78.9	109.9
1985	235	105.1	109.0	110.1	110.0	106.5	98.4	79.2	110.3
1986	312	105.0	108.4	109.7	109.4	106.5	98.1	80.1	109.8
1987	345	104.6	108.2	109.6	109.1	106.2	98.0	81.8	109.6
1988	395	104.2	108.1	109.3	108.9	105.8	97.7	82.7	109.4
1989	284	104.4	107.8	108.8	108.6	105.8	97.3	80.8	108.9
1990	427	104.1	107.5	108.5	108.2	105.5	96.8	81.1	108.6
1991	200	104.2	106.7	107.7	107.4	105.2	97.3	80.0	107.8
1992	267	103.5	106.4	107.4	107.0	104.7	97.4	82.8	107.5
1993	185	103.8	105.1	106.8	105.9	104.5	98.0	84.1	106.6
1994	222	103.4	105.2	106.8	105.8	104.4	98.0	84.9	106.5
1995	194	103.1	104.8	106.0	105.3	103.9	98.0	85.3	105.9
1996	221	103.2	104.8	106.3	105.4	104.1	97.8	85.5	106.1

1997	248	102.6	105.1	106.2	105.5	103.9	97.7	86.3	106.1
1998	268	102.8	105.1	106.2	105.5	104.1	97.6	86.3	106.2
1999	362	103.0	104.1	106.0	104.8	103.9	97.5	86.8	105.7
2000	317	102.6	103.3	105.2	104.0	103.3	97.2	87.1	104.8
2001	323	102.4	103.9	105.6	104.5	103.4	97.1	87.3	105.3
2002	337	101.9	103.6	105.1	104.1	102.7	96.5	87.4	104.9
2003	381	102.0	103.4	105.1	104.0	102.8	96.4	87.3	104.8
2004	464	101.9	103.7	105.5	104.3	102.9	96.2	87.6	105.1
2005	501	101.9	103.6	105.2	104.0	102.8	95.7	87.3	104.9
2006	637	101.8	103.7	105.3	104.1	102.8	95.6	87.5	104.9
2007	664	101.3	103.5	105.3	103.7	102.4	95.5	87.2	104.8
2008	707	101.4	103.3	105.1	103.5	102.4	95.8	87.6	104.6
2009	901	101.5	103.0	104.9	103.5	102.4	95.6	88.4	104.5
2010	848	101.4	103.3	104.9	103.7	102.4	95.4	88.0	104.5
2011	1008	101.6	103.4	105.0	103.8	102.7	95.5	88.1	104.6
2012	888	101.3	103.2	104.6	103.5	102.5	95.0	88.0	104.3
2013	1544	101.9	102.9	104.6	103.3	102.8	95.0	87.2	104.2
2014	1087	101.8	103.2	104.8	103.6	102.9	95.2	87.7	104.5
2015	824	101.6	103.1	104.7	103.5	102.9	95.4	88.7	104.4
2016	715	101.8	103.3	105.0	103.7	103.1	95.6	88.6	104.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1986	14	100.4	64.6	99.7	99.6	100.1
1987	12	101.0	76.3	99.6	99.6	100.2
1988	12	101.2	59.8	99.3	99.9	100.1
1989	11	100.2	82.5	99.9	100.1	99.6
1990	13	99.8	92.1	100.3	100.5	99.8
1991	12	100.3	76.5	99.8	99.4	99.2
1992	12	100.5	84.2	99.0	98.8	99.0
1993	17	100.8	77.3	98.5	97.9	98.7
1994	18	100.3	72.4	98.7	98.4	98.9
1998	12	101.2	75.6	98.2	97.6	98.8
1999	16	103.4	102.2	98.2	97.6	98.6
2000	19	103.2	102.2	98.1	97.5	98.4
2002	15	101.8	53.9	98.2	97.9	98.7
2003	10	101.9	91.1	98.4	98.2	98.9
2004	17	101.5	48.2	98.8	99.4	99.8
2005	31	101.8	43.1	98.9	99.3	99.7
2006	18	100.8	45.7	99.1	99.5	100.0
2007	12	101.4	25.7	98.7	99.7	100.2
2010	13	101.8	47.0	99.7	99.2	99.5
2012	14	102.4	102.2	100.0	99.3	99.3
2016	10	102.8	101.7	100.9	99.6	99.7

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	57	-180.6	-576.6	-242.1	100.0	109.6	90.1	103.3	101.0
1981	75	-193.9	-608.6	-272.7	100.4	109.7	91.1	104.2	100.2
1982	102	-187.8	-589.9	-295.2	100.5	109.9	90.3	104.8	101.1
1983	91	-194.4	-592.9	-351.8	100.1	109.8	90.3	105.9	100.8
1984	178	-210.7	-606.9	-474.8	100.0	109.9	90.6	105.1	101.0

1985	159	-132.9	-626.9	-549.7	99.8	110.3	89.4	104.5	100.6
1986	217	-133.4	-606.8	-570.8	99.9	109.8	90.9	106.1	100.3
1987	304	-139.9	-614.0	-499.9	100.0	109.6	90.5	105.8	100.1
1988	349	-144.3	-592.9	-456.4	100.0	109.4	91.4	105.0	99.9
1989	252	-127.7	-579.4	-418.4	99.7	108.9	90.4	105.4	100.4
1990	393	-119.2	-578.8	-400.6	100.1	108.6	89.6	106.4	100.3
1991	171	-103.9	-543.2	-312.3	99.3	107.8	91.7	106.2	99.9
1992	246	-101.1	-521.2	-294.6	98.8	107.5	91.3	108.7	99.6
1993	176	-85.1	-463.9	-264.9	98.2	106.6	92.3	109.0	98.9
1994	200	-70.0	-433.4	-181.5	98.5	106.5	92.3	108.1	98.8
1995	190	-71.0	-436.5	-175.2	98.2	105.9	91.1	109.0	99.2
1996	200	-72.7	-441.2	-165.9	98.9	106.1	91.9	105.7	99.2
1997	241	-69.2	-429.2	-179.5	98.3	106.1	92.1	107.2	99.5
1998	236	-62.9	-404.7	-202.1	98.1	106.2	91.1	107.8	100.0
1999	316	-38.8	-348.7	-149.5	98.0	105.7	93.4	108.1	99.6
2000	274	-26.2	-316.1	-127.1	97.8	104.8	92.4	107.5	99.9
2001	277	-22.7	-320.9	-138.8	97.9	105.3	92.6	107.3	100.9
2002	322	-20.8	-306.9	-147.2	98.2	104.9	91.5	107.0	100.8
2003	369	-9.5	-295.6	-81.5	98.4	104.8	92.7	107.1	101.3
2004	464	21.1	-258.9	16.0	99.6	105.1	93.8	107.9	100.5
2005	501	32.4	-252.0	105.5	99.5	104.9	93.6	106.9	98.1
2006	645	44.7	-240.6	150.3	99.8	104.9	94.1	107.0	98.5
2007	681	50.2	-218.9	155.5	100.0	104.8	94.0	107.8	98.2
2008	770	43.9	-221.0	139.5	99.7	104.6	93.5	106.9	99.4
2009	929	35.7	-229.0	142.2	98.8	104.5	93.8	107.0	99.0
2010	866	54.5	-210.4	174.1	99.3	104.5	95.4	107.2	100.2
2011	992	64.9	-205.8	209.9	99.5	104.6	94.5	106.6	100.7
2012	884	61.2	-212.2	195.0	99.3	104.3	96.2	106.8	101.0
2013	1488	65.6	-206.5	190.3	99.7	104.2	96.1	106.9	100.9
2014	1011	69.9	-197.0	180.4	99.5	104.5	96.0	108.3	100.9
2015	731	81.2	-166.0	205.1	98.9	104.4	97.3	107.7	101.9
2016	555	93.8	-151.7	245.0	99.6	104.6	95.8	107.8	102.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2004	14	108.4	110.1	104.9	104.7	102.1	105.9	98.9
2005	10	106.3	109.2	103.8	103.0	100.4	103.4	97.9
2006	14	110.1	110.4	106.6	107.3	100.8	107.1	98.3
2012	23	109.5	111.3	106.0	105.5	102.0	106.7	98.8
2013	119	109.3	111.1	105.9	105.1	102.1	106.3	99.0
2014	111	110.0	111.1	106.5	105.8	102.4	107.2	98.9

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1981	10	98.3	98.2	98.3	98.2	91.0	104.1
1982	24	99.2	100.1	99.2	100.1	91.1	103.8
1983	23	98.9	99.7	98.9	99.7	91.0	103.6
1984	42	99.0	100.0	99.0	100.0	91.1	103.5
1985	30	98.8	99.4	98.8	99.4	90.9	103.5
1986	48	98.5	100.3	98.5	100.3	90.8	103.6
1987	65	97.4	99.8	97.4	99.8	89.6	103.6
1988	82	98.3	98.9	98.3	98.9	90.7	104.9

1989	91	98.7	99.5	98.7	99.5	91.3	104.8
1990	136	98.8	99.2	98.8	99.2	91.4	105.0
1991	94	97.6	99.6	97.6	99.6	90.1	103.6
1992	101	97.3	99.7	97.3	99.7	89.5	104.8
1993	158	96.7	99.4	96.7	99.4	88.9	104.2
1994	184	96.7	99.5	96.7	99.5	89.1	104.2
1995	181	97.1	99.8	97.1	99.8	89.3	104.2
1996	171	97.2	99.6	97.2	99.6	89.4	104.4
1997	160	97.5	99.9	97.5	99.9	90.0	104.4
1998	212	98.2	100.1	98.2	100.1	90.4	104.2
1999	273	97.6	100.0	97.6	100.0	89.7	104.7
2000	276	97.6	100.3	97.6	100.3	89.9	104.9
2001	279	99.1	100.5	99.1	100.5	91.9	104.0
2002	294	99.3	100.3	99.3	100.3	92.2	103.7
2003	339	99.9	100.6	99.9	100.6	93.5	103.6
2004	383	99.5	100.0	99.5	100.0	93.1	103.3
2005	403	97.2	98.4	97.2	98.4	91.9	103.5
2006	456	97.5	98.4	97.5	98.4	92.1	103.2
2007	481	96.9	98.1	96.9	98.1	92.3	103.1
2008	497	97.5	99.3	97.5	99.3	92.2	102.7
2009	560	97.1	99.3	97.1	99.3	91.6	103.3
2010	529	97.9	100.0	97.9	100.0	91.8	104.2
2011	576	98.3	100.4	98.3	100.4	92.0	104.5
2012	601	98.8	100.3	98.8	100.3	92.1	104.3
2013	901	98.8	100.3	98.8	100.3	92.0	104.6
2014	646	98.5	100.7	98.5	100.7	91.6	105.0
2015	645	99.3	101.1	99.3	101.1	92.6	105.1
2016	593	99.3	98.9	99.3	98.9	92.5	102.5
2017	591	99.5	94.6	99.5	94.6	92.8	98.0
2018	572	99.2	87.8	99.2	87.8	92.7	90.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1981	10	122.5	105.9	57.4	46.5	45.9	46.5
1982	22	122.5	106.2	57.5	42.3	41.8	42.3
1983	23	121.4	105.2	58.9	16.2	16.0	16.1
1984	30	122.4	105.5	57.5	49.6	48.9	49.4
1985	26	121.3	105.3	58.8	36.4	35.0	35.5
1986	27	120.3	105.3	60.6	38.4	37.3	37.4
1987	33	120.4	105.8	60.0	34.0	33.5	33.8
1988	30	119.3	104.4	61.7	12.7	12.0	12.2
1989	41	120.6	104.8	60.2	23.1	22.0	22.5
1990	52	120.5	104.6	60.2	16.8	15.5	15.9
1991	35	119.7	105.3	61.1	19.1	18.0	18.3
1992	38	120.3	104.9	60.6	58.1	54.6	54.6
1993	40	119.5	104.5	61.8	53.1	49.5	49.7
1994	67	119.7	104.8	61.6	54.5	51.1	51.2
1995	54	118.5	104.9	62.5	37.6	34.9	35.2
1996	50	119.5	104.7	61.8	61.7	57.3	57.1
1997	52	118.1	105.0	63.2	57.4	53.9	53.7
1998	87	116.9	105.4	63.7	57.6	53.5	54.1
1999	112	116.7	105.3	64.6	75.3	68.3	65.0
2000	116	118.0	104.6	63.5	72.6	67.2	66.6
2001	124	117.5	105.0	63.9	74.1	68.8	68.0
2002	126	116.0	105.2	65.0	57.7	53.2	52.6
2003	168	115.4	105.4	65.4	64.8	58.7	57.7
2004	244	115.1	106.6	65.4	68.7	62.9	61.5
2005	255	111.5	103.1	74.6	82.0	77.2	64.9

2006	298	112.8	103.6	72.0	79.7	74.4	63.4
2007	355	110.1	102.9	76.8	85.2	79.8	63.8
2008	398	114.2	105.8	71.4	81.0	74.3	67.1
2009	526	113.2	105.6	72.0	73.8	68.1	61.5
2010	435	113.7	105.0	71.4	75.3	69.5	62.1
2011	565	114.5	105.2	69.5	80.1	73.7	67.5
2012	539	114.2	105.5	69.3	81.7	75.1	68.8
2013	728	114.0	105.5	69.0	88.8	81.6	75.5
2014	627	114.8	105.0	68.4	84.4	77.5	72.3
2015	619	113.9	105.3	68.8	85.1	78.0	74.1
2016	497	114.2	104.8	68.5	76.1	69.9	66.7
2017	401	113.5	105.7	69.0	62.9	58.1	55.8
2018	444	114.0	105.5	68.6	45.3	41.4	39.6

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	27	86.1	104.5	89.0	84.2	99.1	94.3	87.6	89.0	99.8	94.2	79.0
1981	19	86.4	104.6	88.7	84.2	99.7	93.2	88.2	88.6	99.9	93.5	78.9
1982	40	86.1	104.7	88.4	83.5	100.0	92.7	87.8	88.4	99.9	93.0	78.3
1983	33	86.1	105.0	88.7	83.6	99.9	93.0	87.5	88.5	100.2	93.2	78.7
1984	64	86.2	104.4	89.3	83.6	99.8	93.1	87.9	88.7	100.0	93.3	78.6
1985	43	86.1	104.7	89.4	84.0	99.5	93.7	87.7	88.7	100.0	93.7	79.2
1986	70	85.7	104.4	90.2	83.3	99.6	94.3	87.2	88.3	100.3	94.4	78.9
1987	84	86.0	104.2	90.7	83.1	99.8	94.8	87.2	88.9	100.2	95.0	78.5
1988	101	85.6	103.9	90.5	82.9	99.0	94.5	86.8	89.1	100.1	94.2	78.7
1989	94	85.5	104.0	90.4	83.2	98.8	94.5	86.7	89.2	99.7	94.2	78.8
1990	120	85.0	104.0	90.3	82.9	98.5	94.5	86.4	88.8	99.8	94.1	78.3
1991	71	85.4	103.6	90.5	83.6	97.9	95.0	86.8	89.3	99.2	94.5	79.1
1992	100	85.0	103.5	90.8	83.3	97.5	96.2	86.1	89.9	99.3	95.5	78.7
1993	85	85.0	102.9	91.4	83.0	96.9	97.6	85.5	91.3	99.4	96.5	78.7
1994	115	85.0	102.9	91.1	82.8	97.4	97.0	85.7	90.4	99.5	96.0	78.6
1995	100	84.7	102.9	90.7	82.6	97.0	97.0	85.3	90.4	99.5	95.8	78.5
1996	112	84.8	102.9	90.8	82.8	97.1	96.7	85.5	90.6	99.4	95.5	78.6
1997	84	85.3	103.0	91.0	82.6	98.1	96.6	86.0	90.2	100.0	95.5	78.9
1998	139	85.1	102.8	91.3	82.6	97.5	97.0	85.9	90.6	99.5	96.0	78.8
1999	164	85.5	103.3	91.2	82.8	97.9	96.9	85.6	91.9	100.1	95.8	78.9
2000	136	85.4	102.8	91.0	82.7	97.4	96.6	85.6	91.9	99.6	95.8	78.4
2001	147	85.7	102.8	91.1	83.1	97.4	97.1	86.0	91.8	99.7	96.1	79.0
2002	147	85.7	103.0	90.7	83.3	97.3	96.9	85.9	92.0	99.8	95.7	79.4
2003	126	86.0	103.3	91.2	83.3	97.9	97.0	86.2	91.8	100.1	96.0	79.6
2004	147	86.5	103.4	91.4	83.1	98.6	96.8	86.4	92.3	100.4	96.1	79.5
2005	128	86.4	102.9	92.2	83.0	98.3	97.7	86.4	92.3	100.1	97.2	79.3
2006	139	86.4	102.9	92.1	82.3	99.1	97.7	86.2	92.4	100.7	97.3	78.6
2007	74	86.9	103.1	92.1	82.5	99.5	97.3	86.6	92.7	100.8	96.9	79.1
2008	84	87.1	103.4	92.2	82.9	99.6	97.3	86.7	92.7	101.0	97.1	79.2
2009	98	86.7	103.6	91.9	83.3	99.1	97.2	86.5	92.6	100.6	96.7	79.4
2010	48	88.6	103.3	92.5	83.4	100.4	97.7	88.1	93.3	101.2	97.9	80.2
2011	20	88.4	103.5	92.5	83.7	100.3	98.0	88.0	93.3	101.4	98.0	80.8
2012	17	88.6	104.0	92.7	83.8	101.0	97.5	88.1	93.3	101.4	97.7	80.6

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
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1982	23	89.7	88.2	101.3
1983	13	90.0	88.4	101.1
1984	34	90.3	88.9	101.2
1985	12	90.7	89.5	101.0
1986	27	90.8	89.7	101.0
1987	56	91.0	90.1	100.2
1988	35	91.2	90.4	100.6
1989	49	91.5	90.3	100.4
1990	63	92.1	91.0	100.5
1991	46	91.7	90.8	100.2
1992	69	90.3	89.5	100.6
1993	130	90.3	89.5	100.4
1994	158	90.2	89.5	100.4
1995	164	90.3	89.5	100.4
1996	162	89.9	89.1	100.5
1997	136	90.5	89.8	100.6
1998	201	91.0	90.3	100.3
1999	270	89.9	89.2	100.4
2000	255	89.3	88.6	99.9
2001	256	89.7	89.0	99.8
2002	269	90.0	89.2	100.3
2003	301	91.0	90.3	100.3
2004	341	89.9	89.1	100.3
2005	391	89.6	88.6	100.7
2006	431	90.1	89.0	100.8
2007	448	90.0	89.2	100.7
2008	454	89.2	88.5	100.4
2009	504	89.8	89.1	100.6
2010	469	89.5	88.8	101.1
2011	531	88.7	87.8	101.3
2012	572	88.8	87.9	101.3
2013	862	88.3	87.4	101.4
2014	612	88.2	87.3	101.5
2015	799	89.8	88.9	101.4
2016	613	89.8	88.7	101.3
2017	581	90.2	89.1	101.2
2018	481	90.2	89.2	101.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	261	-2060.2	-12285.2	-237.2	-338.9
2002	300	-2049.2	-12097.2	-243.3	-333.9
2003	343	-1672.8	-10882.9	-167.6	-285.2
2004	429	-991.1	-8387.5	-52.7	-186.4
2005	462	-471.9	-6832.3	48.6	-116.9
2006	588	-191.2	-5890.5	112.2	-84.3
2007	629	-91.2	-5702.5	126.2	-67.8
2008	682	-192.3	-5910.4	108.0	-82.4
2009	884	-190.7	-6006.6	109.0	-82.3
2010	818	71.1	-5007.3	156.7	-46.2
2011	957	295.1	-4325.7	203.3	-17.8
2012	867	172.7	-5059.1	182.1	-34.3
2013	1491	172.7	-5202.0	187.1	-36.5
2014	1016	160.5	-5305.4	188.9	-40.1
2015	727	441.6	-4213.7	230.4	3.6
2016	569	735.8	-3199.7	290.7	41.1

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

Jaar	Aantal	Eff	Int	Gewen
1992	14	96.1	102.9	103.4
1993	16	95.8	103.1	103.5
1994	22	96.1	103.0	103.4
1997	10	95.9	101.9	103.6
1998	14	95.2	102.9	104.6
1999	47	96.4	104.4	104.7
2000	27	96.8	103.9	104.7
2001	25	96.6	103.3	104.4
2002	36	95.5	102.6	103.4
2003	56	95.6	102.2	104.1
2004	77	94.2	102.5	105.7
2005	80	94.5	101.8	106.4
2006	120	94.2	102.1	106.4
2007	116	93.9	103.3	105.3
2008	121	94.9	103.3	104.9
2009	223	95.2	102.9	105.6
2010	156	94.6	102.8	105.5
2011	190	94.2	103.2	105.8
2012	213	94.4	103.1	106.1
2013	213	94.4	102.5	106.3
2014	224	93.8	103.0	106.5
2015	202	94.9	101.6	106.6
2016	159	95.1	101.9	105.9

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	58	102.9	96.9	0	0.0	0	0.0
1981	83	102.1	96.8	0	0.0	0	0.0
1982	106	102.0	97.1	0	0.0	0	0.0
1983	101	102.3	97.0	0	0.0	0	0.0
1984	191	102.5	96.8	0	0.0	0	0.0
1985	175	102.4	96.9	178	-10.3	0	0.0
1986	242	102.0	96.8	246	-9.5	0	0.0
1987	314	102.3	97.2	316	-9.4	0	0.0
1988	358	103.1	95.8	358	-8.6	0	0.0
1989	254	103.9	96.5	254	-9.2	0	0.0
1990	399	103.9	96.7	399	-9.9	0	0.0
1991	171	104.2	96.8	171	-9.9	0	0.0
1992	248	104.0	96.4	249	-9.4	0	0.0
1993	177	104.6	96.2	177	-9.0	0	0.0
1994	200	105.0	96.6	200	-8.7	0	0.0
1995	194	104.6	95.9	194	-8.9	0	0.0
1996	201	104.8	96.3	201	-8.9	0	0.0
1997	241	104.7	96.1	241	-8.6	0	0.0
1998	236	103.4	95.4	236	-8.7	0	0.0
1999	316	104.0	95.6	316	-8.0	0	0.0
2000	274	103.8	95.2	274	-7.9	0	0.0
2001	280	103.4	95.0	280	-8.0	15	57.7
2002	323	103.6	95.4	323	-8.0	23	57.5
2003	372	104.1	95.8	372	-7.8	17	59.1
2004	464	105.7	96.4	464	-7.6	21	60.2

2005	501	105.6	96.8	501	-7.7	31	63.8
2006	645	105.9	97.3	645	-7.6	22	62.6
2007	684	106.5	96.4	684	-7.4	16	62.3
2008	771	105.7	95.8	771	-7.3	14	59.1
2009	931	106.5	96.6	931	-7.3	6	57.0
2010	870	106.2	97.1	870	-7.3	21	59.0
2011	994	106.6	96.8	994	-7.2	10	62.2
2012	886	107.1	96.5	886	-7.3	18	64.9
2013	1490	107.0	96.7	1490	-7.2	9	66.0
2014	1011	106.8	96.6	1011	-7.2	7	63.0
2015	731	107.4	96.2	731	-7.0	10	70.3
2016	555	107.4	96.3	555	-7.2	10	70.2

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1991	13	-1929.8	-94.8	-80.5	-97.6	-20.3	-21.0	-19.6	-558.4
1992	11	-1871.6	-97.6	-80.7	-95.2	-32.6	-26.1	-20.0	-564.5
1994	12	-1997.1	-100.5	-83.8	-100.6	-27.7	-23.5	-19.9	-584.8
1995	11	-2248.1	-104.4	-89.2	-112.3	-10.0	-14.8	-21.2	-618.6
1996	11	-2174.3	-102.9	-85.1	-108.8	-13.6	-11.0	-20.9	-597.6
1997	27	-2306.2	-111.6	-91.1	-114.9	-20.9	-14.3	-21.5	-642.3
1998	12	-2242.2	-109.7	-89.5	-112.0	-24.0	-16.3	-21.3	-631.0
2000	15	-2280.9	-110.7	-91.1	-113.6	-23.0	-17.5	-21.0	-640.1
2001	12	-1859.5	-92.5	-82.7	-90.3	-20.8	-31.2	-10.3	-560.3
2003	12	-2234.2	-108.7	-88.5	-104.1	-21.1	-13.6	-2.6	-622.2

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	11	100.6	104.5	101.1	103.3	102.8	100.0	96.5	102.5
1988	15	100.5	105.1	101.7	103.6	102.9	99.4	95.5	102.8
1989	11	101.0	104.4	101.5	103.0	103.0	99.3	93.4	102.5
1990	32	100.4	103.8	100.5	102.3	102.2	99.4	94.8	101.6
1991	30	100.1	105.3	101.4	103.6	102.7	99.6	95.4	102.7
1992	55	100.8	104.3	101.0	102.7	102.7	99.6	94.6	102.1
1993	38	100.7	104.6	101.4	103.1	102.8	99.4	94.9	102.3
1994	32	100.7	105.3	101.9	103.9	103.1	99.9	95.2	103.1
1995	44	101.1	104.2	101.2	102.8	102.9	99.4	93.9	102.2
1996	82	100.5	105.2	101.6	103.7	102.8	99.2	94.4	102.9
1997	103	101.1	104.4	101.3	103.0	102.9	99.4	94.2	102.4
1998	109	100.5	104.7	101.1	103.0	102.6	98.9	94.0	102.2
1999	134	100.5	104.3	100.8	102.6	102.6	99.0	93.6	101.8
2000	129	100.7	104.7	101.1	103.1	102.7	99.1	94.1	102.3
2001	126	100.6	105.1	101.4	103.5	102.9	98.7	93.9	102.6
2002	141	100.5	104.6	101.0	103.0	102.6	98.5	93.5	102.1
2003	122	100.2	105.2	101.2	103.4	102.7	98.9	94.3	102.4
2004	84	100.2	105.0	101.1	103.3	102.6	98.7	94.3	102.4
2005	106	100.0	105.2	101.1	103.2	102.5	98.7	94.7	102.4
2006	69	100.0	105.0	100.9	103.2	102.4	98.3	94.5	102.2
2007	52	100.3	104.8	100.9	103.1	102.5	98.5	94.6	102.2
2008	57	100.2	105.0	101.1	103.3	102.6	98.5	94.7	102.4
2009	48	99.7	104.7	100.5	102.7	102.0	98.3	94.3	101.7

2010	33	100.0	104.7	100.6	102.8	102.1	98.4	94.4	101.8
2011	38	100.0	105.1	100.9	103.1	102.3	98.3	94.4	102.2
2012	39	99.4	105.2	100.5	103.1	101.9	97.9	94.4	102.0
2013	38	99.1	105.2	100.3	102.7	101.8	98.1	94.1	101.6
2014	18	98.9	105.3	100.2	102.7	101.5	97.9	93.5	101.7
2015	19	99.4	105.4	100.5	103.1	102.0	98.1	93.5	102.1
2016	10	99.7	105.3	100.9	103.1	102.3	97.9	93.1	102.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1991	13	-199.2	-558.4	-577.5	105.1	102.7	0.0	0.0	99.4
1992	10	-267.8	-564.5	-239.1	101.1	102.1	92.0	96.0	99.4
1994	11	-215.5	-584.8	-164.2	103.4	103.1	0.0	0.0	97.7
1997	25	-277.2	-642.3	-533.7	102.6	102.4	93.0	95.5	99.8
1998	12	-275.5	-631.0	-423.7	102.8	102.2	0.0	0.0	99.5
2000	15	-246.7	-640.1	-384.8	102.8	102.3	92.0	94.0	99.1
2001	12	-254.8	-560.3	-452.7	103.5	102.6	93.0	96.0	100.0
2003	11	-245.1	-622.2	-324.2	103.8	102.4	0.0	0.0	98.7

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1997	21	102.3	98.6	102.3	98.6	102.6	100.9
1998	25	102.8	98.0	102.8	98.0	102.9	100.7
1999	36	103.5	97.6	103.5	97.6	103.5	100.3
2000	47	102.8	95.5	102.8	95.5	103.0	98.3
2001	59	102.8	78.3	102.8	78.3	102.9	80.4
2002	57	102.7	91.1	102.7	91.1	103.0	93.4
2003	42	102.6	92.5	102.6	92.5	102.6	95.5
2004	53	101.9	93.5	101.9	93.5	101.8	96.2
2005	73	102.2	97.5	102.2	97.5	102.2	100.3
2006	46	102.1	97.9	102.1	97.9	102.2	100.5
2007	30	101.9	98.6	101.9	98.6	102.2	100.9
2008	36	103.0	98.4	103.0	98.4	103.1	100.9
2009	32	102.2	98.6	102.2	98.6	102.6	100.8
2010	26	103.1	98.2	103.1	98.2	103.2	100.7
2011	33	102.3	98.7	102.3	98.7	102.7	101.0
2012	32	102.7	98.8	102.7	98.8	103.1	101.1
2013	34	102.9	98.5	102.9	98.5	103.1	100.8
2014	25	103.4	98.4	103.4	98.4	103.4	100.9
2015	26	103.0	98.5	103.0	98.5	103.3	100.9
2016	23	104.5	98.6	104.5	98.6	104.4	101.3
2017	12	105.2	89.6	105.2	89.6	105.0	92.5
2018	13	103.8	90.8	103.8	90.8	104.0	93.2

Tabel: 183 Lakenvelder - zwartbont: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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1991	10	99.6	103.8	99.4	0.0	0.0	0.0
1993	12	99.5	103.6	99.7	0.0	0.0	0.0
1995	13	98.8	103.7	99.8	7.4	7.6	6.7
1996	17	98.9	104.4	99.9	5.8	5.6	5.1
1997	26	99.8	104.0	99.1	18.8	18.7	17.1
1998	19	100.6	102.9	98.0	30.9	30.5	27.3
1999	31	99.0	104.4	99.8	37.6	37.2	34.0
2000	46	99.3	104.4	99.2	67.1	67.7	61.3
2001	35	99.4	104.4	99.3	57.5	58.3	52.1
2002	38	99.0	103.4	99.6	65.6	66.6	59.5
2003	37	99.3	103.3	99.4	55.0	55.1	49.9
2004	30	100.3	104.1	98.3	64.9	64.9	60.2
2005	40	101.3	103.0	97.3	79.7	80.0	73.4
2006	33	100.0	102.9	98.8	64.4	64.5	58.2
2007	32	100.7	104.0	97.7	82.2	82.5	75.4
2008	38	100.6	104.0	98.1	73.5	74.5	69.2
2009	34	101.4	103.3	97.2	68.4	69.0	63.3
2010	30	100.2	104.4	98.5	61.3	61.7	56.5
2011	37	101.1	103.6	97.2	44.6	44.4	41.1
2012	26	100.8	104.5	97.5	70.6	71.4	65.8
2013	26	102.9	103.2	95.7	67.0	67.6	63.1
2014	18	100.6	103.4	97.9	85.5	86.7	79.3
2015	19	101.3	101.9	97.2	76.4	76.6	69.5
2016	10	102.6	104.6	96.1	87.7	86.9	82.7
2018	12	101.2	102.2	97.4	32.2	32.3	30.2

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	95.7	109.7	88.9	95.5	103.8	96.2	95.9	94.1	104.9	94.2	86.3
1991	18	95.1	108.0	87.5	93.9	103.6	96.0	95.5	94.7	104.0	94.0	84.2
1992	29	93.1	105.8	88.8	93.1	99.6	97.2	94.1	94.4	100.5	94.6	82.6
1993	25	94.9	108.6	87.1	94.5	102.6	96.3	95.0	95.4	103.5	93.4	84.5
1994	27	94.2	107.4	88.4	93.6	102.0	96.8	94.9	94.9	102.7	94.9	83.4
1995	37	93.2	107.6	88.0	94.0	100.5	97.4	93.5	94.9	102.3	94.1	83.6
1996	59	95.3	109.6	88.1	94.7	103.6	96.1	95.5	94.4	104.6	93.4	85.4
1997	74	94.3	108.1	89.3	93.5	102.2	96.9	94.3	95.4	103.4	94.3	84.0
1998	74	95.1	109.0	87.7	94.2	103.2	96.4	95.0	95.0	104.3	93.6	84.7
1999	88	93.5	107.4	87.8	93.3	101.4	96.4	94.1	94.2	102.3	93.5	83.6
2000	92	94.4	108.8	88.3	93.9	102.6	96.5	94.3	95.3	103.9	93.6	84.2
2001	69	94.6	108.6	88.0	93.4	103.3	95.9	94.6	95.0	104.2	93.2	84.1
2002	94	93.9	108.0	87.4	93.4	102.4	96.3	94.2	94.5	103.5	93.1	83.7
2003	80	94.2	108.4	88.1	93.6	102.5	97.0	94.1	95.1	103.9	93.9	84.1
2004	47	94.9	109.7	87.3	94.5	103.6	96.3	95.1	94.1	104.8	93.4	85.1
2005	62	94.2	109.6	86.8	94.2	103.4	96.4	94.3	93.8	104.8	93.0	84.6
2006	33	94.4	109.1	87.0	94.2	103.2	96.4	94.7	93.9	104.5	93.1	85.1
2007	17	93.8	108.3	87.7	94.4	101.8	96.6	94.6	93.7	103.2	93.2	84.7
2008	25	93.6	108.2	87.9	93.9	101.4	96.6	93.7	95.2	103.9	93.1	84.5
2009	17	93.2	107.7	87.5	93.5	100.9	96.9	93.4	94.8	103.2	92.9	83.8

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1997	33	104.5	100.2	101.4

1998	27	105.1	100.6	101.8
1999	41	104.7	100.5	101.5
2000	71	104.5	100.1	101.4
2001	62	104.3	99.9	101.4
2002	64	104.0	99.7	101.2
2003	57	104.1	99.6	101.2
2004	61	104.2	99.8	101.2
2005	98	104.2	99.7	101.2
2006	62	104.1	99.7	101.2
2007	37	104.7	100.3	101.5
2008	45	104.8	100.6	101.7
2009	39	104.5	100.0	101.8
2010	31	104.6	100.0	101.7
2011	33	104.4	99.9	101.6
2012	33	104.5	100.1	101.8
2013	34	104.3	99.9	101.8
2014	32	104.8	100.5	101.6
2015	25	104.8	100.4	101.5
2016	27	106.0	101.7	101.9
2017	14	107.0	102.8	101.7
2018	14	105.4	101.2	101.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	12	-4608.0	-16749.5	-811.8	-652.3
2003	11	-4441.0	-16343.2	-791.6	-622.2

Tabel: 187 Lakenvelder - zwartbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1991	13	100.8	101.0	13	-5.1	0	0.0
1992	11	101.5	101.2	11	-5.9	0	0.0
1994	12	102.8	101.7	12	-5.6	0	0.0
1995	11	98.9	98.5	11	-5.2	0	0.0
1996	11	100.5	101.0	13	-4.6	0	0.0
1997	27	100.4	100.3	31	-5.1	0	0.0
1998	12	98.0	97.5	12	-5.2	0	0.0
2000	15	100.9	100.4	17	-5.7	0	0.0
2001	12	100.3	99.3	12	-5.1	2	86.0
2002	9	103.1	103.3	11	-4.9	0	0.0
2003	12	101.8	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	-1551.5	-76.5	-69.8	-80.2	-15.7	-25.6	-18.2	-471.1
1989	10	-1875.6	-91.4	-76.9	-95.1	-17.2	-16.7	-19.5	-535.9
1990	11	-1812.2	-89.0	-75.1	-92.3	-18.5	-18.1	-19.5	-522.5

1992	14	-2003.1	-100.1	-82.3	-101.1	-24.9	-19.0	-20.4	-578.0
1994	14	-2022.9	-101.2	-83.9	-101.8	-25.6	-21.7	-19.9	-587.1
1996	11	-2200.7	-109.8	-90.4	-110.1	-28.7	-22.9	-21.0	-634.2
1997	17	-2329.3	-109.6	-93.4	-115.8	-12.5	-17.7	-21.0	-647.9
1998	22	-1873.9	-90.8	-80.5	-95.3	-15.9	-24.4	-20.1	-549.2
1999	13	-2077.1	-101.9	-81.8	-104.4	-22.2	-11.5	-20.3	-580.7
2000	20	-2157.3	-110.4	-90.8	-106.9	-33.9	-26.1	-17.7	-636.1
2002	12	-1979.5	-104.8	-84.2	-98.5	-38.8	-26.2	-16.6	-594.8

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

Tabel: 189 Lakenvelder - roodbont: Vruchtbaarheidsskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1988	12	100.4	103.4	99.9	101.7	101.8	99.2	96.2	100.9
1989	13	100.2	104.7	100.8	103.1	102.3	99.6	96.7	102.2
1990	26	100.4	105.0	101.3	103.4	102.7	99.5	95.1	102.6
1991	27	100.9	105.2	101.9	103.9	103.0	100.0	96.4	103.1
1992	40	101.0	105.1	101.7	103.7	103.0	99.9	95.2	102.9
1993	37	101.0	105.6	102.1	104.1	103.3	100.1	96.0	103.4
1994	52	100.9	104.7	101.4	103.2	102.9	99.9	94.9	102.5
1995	50	100.6	105.3	101.6	103.6	103.0	99.6	95.0	102.9
1996	61	100.6	105.9	102.0	104.2	103.0	99.7	95.3	103.4
1997	95	100.7	105.6	101.8	104.0	103.0	99.7	96.1	103.1
1998	118	100.6	105.6	102.0	103.9	103.1	99.5	95.2	103.2
1999	123	100.6	105.4	101.5	103.7	102.9	99.3	94.5	102.9
2000	157	100.0	105.8	101.5	103.9	102.7	99.0	94.9	102.9
2001	148	100.1	105.9	101.6	104.0	102.7	98.9	94.4	103.1
2002	151	100.1	105.6	101.4	103.6	102.5	98.4	93.7	102.7
2003	147	99.7	106.3	101.8	104.2	102.7	98.6	94.6	103.2
2004	150	100.0	105.8	101.4	103.8	102.5	98.2	93.6	102.8
2005	126	100.0	105.9	101.5	103.9	102.6	98.3	94.2	103.0
2006	103	100.2	105.1	101.0	103.2	102.4	98.0	93.0	102.3
2007	56	100.0	105.4	101.2	103.5	102.4	98.1	93.9	102.6
2008	55	100.1	105.0	100.9	103.1	102.2	97.9	93.3	102.1
2009	53	99.8	105.6	101.2	103.6	102.4	97.8	93.6	102.6
2010	55	100.1	105.3	101.2	103.5	102.5	97.9	93.1	102.5
2011	44	100.1	104.8	100.8	102.9	102.3	97.8	92.7	102.0
2012	47	100.0	105.1	100.9	103.1	102.3	97.6	92.1	102.1
2013	36	99.9	105.4	101.1	103.4	102.3	97.6	92.6	102.4
2014	36	99.8	104.9	100.6	103.0	102.0	97.5	92.7	102.0
2015	26	99.2	105.5	100.7	103.2	101.9	97.1	92.8	102.2
2016	11	99.5	105.3	100.7	103.2	101.9	97.7	93.7	102.2

Tabel: 190 Lakenvelder - roodbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1988	10	-191.1	-471.1	-335.7	105.3	100.9	90.0	96.0	95.7
1990	11	-187.9	-522.5	-417.4	103.6	102.6	0.0	0.0	98.0
1992	14	-217.4	-578.0	-324.6	104.7	102.9	90.5	96.5	98.2
1994	12	-223.2	-587.1	-400.8	104.3	102.5	92.0	95.0	97.0
1996	11	-261.6	-634.2	-415.1	103.5	103.4	91.0	93.0	98.8
1997	15	-258.2	-647.9	-648.8	103.6	103.1	0.0	0.0	98.6
1998	21	-223.8	-549.2	-434.7	102.6	103.2	92.0	95.0	99.3
1999	12	-248.6	-580.7	-403.7	103.8	102.9	0.0	0.0	99.2

2000	20	-240.6	-636.1	-331.8	103.9	102.9	0.0	0.0	98.4
2002	12	-226.4	-594.8	-423.1	104.4	102.7	0.0	0.0	99.2

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1995	15	101.5	97.4	101.5	97.4	101.7	100.7
1996	28	101.6	97.8	101.6	97.8	101.8	100.6
1997	35	101.1	98.3	101.1	98.3	101.7	100.7
1998	62	101.4	98.6	101.4	98.6	101.8	101.0
1999	58	101.6	98.1	101.6	98.1	102.0	100.7
2000	86	101.9	97.0	101.9	97.0	102.0	100.3
2001	73	101.7	93.7	101.7	93.7	101.8	96.4
2002	83	101.7	95.8	101.7	95.8	101.8	98.4
2003	110	101.5	97.5	101.5	97.5	101.7	100.4
2004	111	101.9	98.3	101.9	98.3	102.3	100.8
2005	101	101.9	98.2	101.9	98.2	102.1	100.7
2006	73	102.0	98.4	102.0	98.4	102.3	100.8
2007	40	101.5	98.0	101.5	98.0	101.7	100.8
2008	45	101.8	98.6	101.8	98.6	102.2	100.9
2009	39	101.6	98.4	101.6	98.4	102.0	100.8
2010	47	101.6	98.6	101.6	98.6	102.1	100.9
2011	40	101.8	98.7	101.8	98.7	102.3	101.0
2012	36	101.9	98.8	101.9	98.8	102.3	101.1
2013	32	101.6	98.7	101.6	98.7	102.1	101.1
2014	34	102.9	98.7	102.9	98.7	103.2	101.1
2015	27	104.3	94.7	104.3	94.7	104.2	97.4
2016	23	104.9	98.3	104.9	98.3	104.7	101.1
2017	18	104.6	98.4	104.6	98.4	104.5	101.2
2018	17	104.2	98.5	104.2	98.5	104.1	101.2

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1992	12	99.2	103.7	99.7	24.0	24.2	22.3
1993	14	98.3	104.6	100.6	6.9	7.0	6.4
1994	10	99.4	104.0	99.6	0.0	0.0	0.0
1995	14	99.7	104.1	99.0	27.6	27.7	25.9
1996	31	100.1	103.2	98.4	15.9	15.5	14.0
1997	31	98.8	104.5	99.5	28.5	28.0	25.2
1998	37	100.6	103.4	98.1	26.6	26.3	23.6
1999	32	99.1	103.8	99.7	42.2	42.3	39.5
2000	50	98.6	103.4	99.9	71.7	70.9	65.3
2001	49	98.9	103.2	99.6	73.3	72.8	66.3
2002	44	99.3	103.5	99.1	79.5	79.1	71.4
2003	54	99.4	103.6	99.0	84.5	84.4	76.1
2004	49	100.1	103.6	98.4	85.1	85.2	77.3
2005	55	100.7	103.4	97.6	83.0	82.9	75.2
2006	36	101.1	103.4	97.4	89.6	88.5	80.2
2007	42	100.5	102.5	97.9	92.8	92.3	83.1
2008	45	101.3	102.5	97.0	93.1	93.8	83.2
2009	46	101.2	102.6	97.2	78.1	78.5	70.3
2010	52	101.3	102.0	97.0	90.0	90.2	80.3
2011	39	101.5	101.8	96.8	87.4	87.4	78.5

2012	38	102.5	102.1	95.8	84.7	84.7	75.3
2013	35	101.8	102.0	96.5	77.5	78.0	70.1
2014	28	101.2	103.0	97.2	76.1	77.4	70.1
2015	19	101.1	105.1	97.6	81.5	82.3	75.9
2016	19	101.7	103.9	97.0	76.8	76.3	70.9
2017	22	100.9	103.2	97.7	52.5	53.0	48.8
2018	20	102.0	103.0	96.7	58.4	58.1	53.0

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	96.7	112.5	88.4	96.6	105.7	95.7	96.4	94.2	106.9	93.2	87.4
1990	21	95.8	111.4	88.8	95.4	105.2	95.8	95.7	94.3	106.3	93.3	86.5
1991	15	96.5	113.1	89.8	96.5	105.6	96.9	96.1	94.5	107.4	94.3	87.5
1992	29	96.4	111.4	89.1	95.6	105.0	96.4	96.1	94.8	106.2	94.2	86.6
1993	25	96.8	112.5	88.6	96.3	106.0	96.4	96.4	94.9	107.2	93.9	87.3
1994	42	95.8	110.4	89.4	95.2	104.3	96.6	95.7	94.7	105.4	94.3	86.0
1995	34	96.5	111.8	88.7	95.7	105.8	96.1	96.1	94.7	106.9	93.6	86.8
1996	47	97.0	112.4	87.3	96.9	105.5	95.7	96.9	95.0	106.7	93.2	87.7
1997	60	96.6	111.4	88.5	95.8	105.2	96.0	96.3	95.5	106.3	93.6	86.7
1998	81	96.5	110.6	88.1	95.3	105.0	95.4	96.2	95.4	106.0	93.3	86.5
1999	85	96.8	112.0	87.5	95.8	105.7	95.8	96.3	95.0	107.0	93.1	86.8
2000	109	96.2	111.2	88.2	95.0	105.2	96.2	95.7	95.1	106.4	93.6	86.1
2001	94	97.0	111.5	88.0	95.2	106.3	95.8	96.5	95.2	107.2	93.2	87.0
2002	98	97.3	111.6	88.0	95.4	106.6	95.8	96.8	94.7	107.3	93.3	87.3
2003	93	97.4	112.9	86.9	95.7	107.4	95.4	96.9	94.5	108.3	92.6	87.6
2004	100	97.0	111.4	86.5	95.2	106.8	94.8	96.7	94.5	107.7	91.7	87.5
2005	79	96.8	111.9	86.4	95.4	106.5	95.3	96.6	94.3	107.3	92.1	87.1
2006	52	96.6	111.8	86.8	95.4	106.3	95.5	96.2	94.0	107.7	92.2	87.3
2007	26	96.6	112.5	86.2	96.3	106.3	95.7	96.6	93.6	107.7	92.1	88.2
2008	28	96.5	110.5	87.1	94.9	105.4	95.6	96.5	94.1	107.0	92.1	87.9
2009	18	96.6	110.4	86.4	95.1	105.6	94.9	96.6	94.7	106.6	91.6	87.4
2010	30	96.1	110.6	86.4	95.0	105.6	94.9	96.3	93.8	106.8	91.3	87.6

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	15	103.5	99.0	101.3
1993	12	103.0	98.5	101.4
1994	15	103.0	98.7	101.4
1995	24	103.1	98.7	101.5
1996	39	103.3	98.8	101.4
1997	60	103.5	99.2	101.5
1998	85	103.6	99.3	101.5
1999	93	104.0	99.5	101.3
2000	117	104.0	99.6	101.2
2001	114	103.9	99.5	101.3
2002	119	103.6	99.2	101.1
2003	156	103.7	99.3	101.1
2004	161	103.8	99.5	101.2
2005	133	103.9	99.5	101.3
2006	122	103.8	99.5	101.3
2007	59	103.3	99.1	101.4
2008	61	103.5	99.3	101.4

2009	51	103.5	99.2	101.3
2010	63	103.3	99.1	101.3
2011	50	103.4	99.1	101.4
2012	48	103.5	99.3	101.5
2013	39	103.8	99.5	101.4
2014	35	105.5	101.2	101.5
2015	35	106.7	102.4	101.8
2016	32	106.7	102.4	101.7
2017	28	106.6	102.3	101.8
2018	24	106.9	102.5	101.7

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	10	-3694.2	-12785.5	-672.0	-514.5

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1988	10	100.9	99.5	11	-4.1	0	0.0
1989	9	101.3	99.4	10	-4.4	0	0.0
1990	11	100.8	99.5	11	-4.3	0	0.0
1992	14	101.6	101.1	14	-5.2	0	0.0
1994	14	101.1	101.8	14	-6.1	0	0.0
1996	11	101.5	100.7	11	-6.1	0	0.0
1997	17	99.9	99.9	17	-5.7	0	0.0
1998	22	101.3	100.2	24	-4.3	0	0.0
1999	13	99.5	100.2	13	-5.1	0	0.0
2000	20	99.1	99.8	20	-5.7	0	0.0
2002	12	100.9	101.3	12	-6.0	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	70	-1108.2	-48.7	-47.1	-60.1	1.6	-11.6	-17.4	-313.6
1981	76	-1170.2	-50.4	-48.0	-63.0	3.4	-9.0	-17.5	-321.3
1982	102	-1289.5	-51.9	-49.6	-68.5	10.7	-4.0	-17.9	-332.8
1983	123	-1279.5	-55.4	-50.5	-68.0	3.1	-6.2	-17.8	-343.7
1984	161	-1301.3	-54.6	-51.3	-69.0	7.0	-6.2	-17.9	-346.0
1985	170	-1295.1	-54.8	-50.9	-68.7	6.1	-5.8	-17.9	-344.3
1986	128	-1270.6	-53.7	-50.0	-67.6	6.0	-5.6	-17.9	-337.9
1987	112	-1336.4	-54.6	-51.6	-70.6	9.7	-4.3	-18.0	-347.5
1988	104	-1376.4	-56.0	-52.7	-72.4	10.8	-3.3	-18.2	-355.3
1989	103	-1289.7	-49.7	-49.2	-68.5	15.7	-2.7	-17.9	-326.4
1990	95	-1356.5	-55.9	-51.6	-71.4	8.6	-2.9	-18.0	-350.6
1991	79	-1433.6	-64.9	-55.4	-75.0	-2.9	-4.8	-18.4	-386.2
1992	73	-1219.0	-51.7	-48.8	-65.2	4.7	-7.1	-17.7	-328.5
1993	88	-1148.9	-48.3	-46.3	-62.0	6.3	-6.5	-17.5	-310.0
1994	69	-1031.0	-41.5	-42.8	-56.7	9.2	-8.1	-17.3	-279.5

1995	69	-956.3	-40.1	-39.2	-53.3	5.0	-6.6	-17.2	-261.0
1996	68	-1021.9	-43.5	-41.3	-56.2	4.1	-6.3	-17.2	-277.6
1997	53	-763.7	-33.7	-32.8	-44.5	0.7	-7.8	-16.7	-218.4
1998	61	-613.9	-28.9	-28.7	-37.6	-2.4	-10.0	-16.3	-189.5
1999	72	-779.1	-32.8	-32.6	-45.2	3.8	-6.3	-16.7	-216.0
2000	53	-879.4	-36.9	-33.9	-49.5	4.5	-2.2	-16.4	-231.3
2001	68	-811.0	-33.0	-32.6	-44.2	6.1	-4.5	-12.4	-216.3
2002	58	-661.5	-30.6	-29.3	-35.2	-1.5	-8.3	-8.3	-195.1
2003	69	-730.2	-30.1	-31.0	-39.9	5.2	-6.6	-10.7	-202.2
2004	80	-518.6	-23.7	-24.8	-31.6	-0.7	-9.2	-13.1	-161.0
2005	85	-479.7	-23.2	-23.3	-30.6	-2.8	-9.0	-14.6	-153.4
2006	97	-521.9	-25.5	-25.9	-33.3	-3.3	-10.9	-15.7	-169.9
2007	77	-416.0	-22.4	-21.6	-26.6	-5.7	-10.1	-12.2	-143.6
2008	91	-372.0	-19.9	-20.4	-26.1	-4.7	-10.4	-14.6	-133.2
2009	123	-399.5	-21.3	-20.1	-27.4	-5.5	-8.6	-15.0	-135.6
2010	98	-381.3	-20.9	-19.8	-27.1	-6.1	-8.8	-15.9	-133.3
2011	113	-418.6	-21.9	-21.8	-28.5	-4.9	-10.1	-15.4	-143.8
2012	135	-458.2	-23.0	-21.7	-30.1	-3.7	-7.7	-15.3	-146.5
2013	93	-337.1	-17.5	-18.6	-24.9	-3.3	-9.6	-15.4	-120.5
2014	123	-407.9	-20.6	-20.5	-28.2	-3.4	-8.6	-15.9	-135.9
2015	118	-284.2	-13.6	-16.2	-22.2	-0.9	-8.9	-15.0	-101.8
2016	37	-112.7	-11.0	-9.9	-14.5	-9.0	-8.6	-14.8	-67.8

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	87.7	93.2	90.1	93.8	98.8	91.3	96.5
1981	774	88.0	93.3	90.0	93.7	99.3	91.4	96.7
1982	595	88.2	93.1	90.0	93.9	99.1	91.8	96.6
1983	365	88.2	92.6	89.9	94.1	98.9	91.2	95.9
1984	251	88.0	93.1	89.6	93.7	100.2	91.4	96.0
1985	150	88.5	93.0	90.0	94.1	99.8	91.5	96.2
1986	75	88.9	93.8	90.3	94.2	100.5	91.4	96.9
1987	41	90.0	93.4	90.9	95.3	99.7	91.4	97.0
1988	43	89.5	93.4	90.6	95.1	99.5	91.9	97.3
1989	37	89.8	92.8	91.2	96.1	98.1	91.7	97.2
1990	31	89.9	92.6	90.4	95.4	99.5	91.8	97.3
1991	21	90.2	92.8	90.7	95.4	99.7	91.6	96.4
1992	31	90.6	93.9	91.7	96.2	100.3	91.6	97.7
1993	32	91.9	92.5	91.5	97.0	99.0	92.1	97.2
1994	23	90.6	92.5	91.2	96.5	98.9	91.3	96.7
1995	26	92.2	93.7	92.4	97.2	99.7	92.1	97.8
1996	20	92.0	94.2	93.4	98.0	100.2	91.2	97.7
1997	15	92.5	95.0	93.6	98.1	100.4	91.7	99.8
1998	15	92.3	94.2	92.7	97.4	100.5	92.3	97.1
1999	22	92.9	93.9	92.4	97.2	100.0	92.6	98.7
2000	17	93.8	94.1	93.6	98.6	100.1	92.7	97.6
2001	22	93.1	94.7	92.8	97.5	101.2	92.0	97.7
2002	19	93.0	94.5	93.8	98.0	100.1	91.8	98.4
2003	22	92.9	94.0	93.3	97.8	99.9	92.3	97.2
2004	24	92.5	93.8	93.6	98.1	99.3	91.4	98.0
2005	29	92.0	94.0	93.5	97.3	99.6	91.8	97.8
2006	28	93.4	94.2	94.1	98.5	98.8	92.1	99.2
2007	38	92.6	94.2	93.2	97.8	99.7	92.3	98.6
2008	31	92.6	93.9	93.0	97.7	99.7	92.5	98.2
2009	39	92.4	94.4	93.2	97.4	100.6	92.4	98.9
2010	36	91.7	93.4	91.9	96.1	99.8	92.9	99.5
2011	35	93.0	95.0	93.4	97.4	101.6	92.8	98.9

2012	36	93.7	95.3	94.0	97.8	101.2	91.7	100.8
2013	30	93.2	94.7	93.9	97.9	100.6	91.9	100.2
2014	39	93.1	94.4	93.2	97.8	100.6	92.2	98.8
2015	29	94.5	96.1	94.7	98.9	100.9	92.4	100.7

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

Jaar	Aantal	BA	BZ	KH	BG
1980	758	96.2	95.7	89.1	93.1
1981	774	96.1	95.1	89.8	93.0
1982	595	96.3	95.4	89.7	93.2
1983	365	96.8	95.7	90.6	93.6
1984	251	97.1	95.8	91.6	93.7
1985	150	97.5	95.3	91.3	94.0
1986	75	97.8	95.7	92.0	94.0
1987	41	97.9	96.0	92.5	94.1
1988	43	97.8	95.2	92.6	94.0
1989	37	98.2	96.6	92.1	94.5
1990	31	99.0	96.5	93.2	94.9
1991	21	98.9	95.0	93.4	95.6
1992	31	98.9	95.3	93.8	95.5
1993	32	99.7	95.2	95.0	95.9
1994	23	99.4	96.2	95.6	95.7
1995	26	99.3	95.6	94.1	95.7
1996	20	101.0	96.5	96.3	97.6
1997	15	101.2	96.8	96.5	97.0
1998	15	101.0	97.1	95.3	97.5
1999	22	101.4	96.5	95.6	97.5
2000	17	101.2	97.6	96.0	97.5
2001	22	100.8	95.8	95.9	97.0
2002	19	102.7	96.3	97.4	98.3
2003	22	101.8	95.1	97.1	98.2
2004	24	100.9	95.5	96.0	97.2
2005	29	101.0	97.3	95.4	97.6
2006	28	100.5	97.2	95.8	96.6
2007	38	101.3	96.2	95.9	97.7
2008	31	101.4	96.1	96.0	98.4
2009	39	102.2	96.8	96.3	99.2
2010	36	101.4	96.1	95.8	98.1
2011	35	102.0	95.3	97.3	98.6
2012	36	102.5	95.7	97.5	99.0
2013	30	102.6	96.6	96.6	99.2
2014	39	102.1	95.7	96.7	99.0
2015	29	102.5	96.5	96.9	99.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	758	99.3	91.6	101.0	99.0	92.1	95.4	92.0
1981	774	99.8	91.8	101.1	99.3	91.9	95.4	92.1
1982	595	100.4	92.1	100.8	100.0	92.6	95.8	92.4
1983	365	100.0	91.9	100.6	99.4	92.3	95.4	92.4
1984	251	100.0	91.9	100.8	99.7	92.0	95.7	92.6
1985	150	99.9	92.4	100.7	99.4	91.8	95.5	92.7

1986	75	100.1	92.5	101.1	99.3	92.1	95.2	92.6
1987	41	100.3	92.4	101.9	99.5	92.5	94.6	92.1
1988	43	100.5	92.9	101.1	99.9	93.2	95.2	92.7
1989	37	99.8	93.8	100.8	99.0	92.9	95.1	93.1
1990	31	100.2	93.3	101.8	99.3	92.2	94.7	92.7
1991	21	102.0	94.1	102.6	100.7	93.2	96.8	94.4
1992	31	102.2	94.3	101.7	100.6	93.0	95.6	93.9
1993	32	101.9	94.6	100.2	100.6	93.4	95.8	93.8
1994	23	101.4	95.3	101.0	100.5	92.8	96.0	94.4
1995	26	102.0	95.0	100.9	101.0	93.3	95.9	93.9
1996	20	102.7	95.9	101.3	100.3	93.3	95.8	94.6
1997	15	102.6	95.1	101.3	100.9	95.0	94.9	93.3
1998	15	102.6	96.5	100.7	101.5	93.9	96.6	95.5
1999	22	102.7	95.7	102.2	101.2	93.6	96.1	95.2
2000	17	103.9	96.9	99.3	102.4	94.2	95.6	94.8
2001	22	103.0	95.0	102.0	102.0	93.5	95.5	94.3
2002	19	102.8	96.9	100.6	101.4	94.9	95.6	95.0
2003	22	103.0	97.0	100.2	101.9	94.6	96.4	95.5
2004	24	101.9	95.5	100.8	100.5	94.3	95.1	93.8
2005	29	102.0	95.8	101.9	100.1	93.8	95.3	94.6
2006	28	101.1	95.9	103.0	99.4	94.2	95.2	94.1
2007	38	102.5	95.6	101.3	101.0	94.1	95.3	94.1
2008	31	101.9	95.3	101.5	100.5	94.0	95.4	94.2
2009	39	102.8	95.7	101.5	101.1	94.1	95.4	94.2
2010	36	102.7	96.2	102.1	101.0	93.2	95.7	94.6
2011	35	103.3	96.8	101.5	101.5	94.0	96.5	95.6
2012	36	103.6	96.9	102.8	101.5	94.0	96.1	95.1
2013	30	103.9	96.7	103.5	101.6	94.6	95.6	94.6
2014	39	103.7	96.7	102.1	102.3	94.9	97.2	95.8
2015	29	103.8	97.9	102.2	102.2	95.7	97.2	96.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	758	88.0	91.7	96.3	90.6	101.1	88.2
1981	774	88.2	92.0	96.5	90.3	101.7	88.3
1982	595	88.2	91.9	97.3	90.6	101.3	88.9
1983	365	87.3	91.5	96.7	91.3	100.3	88.6
1984	251	87.6	92.2	96.8	91.6	100.8	89.0
1985	150	87.8	92.3	96.5	91.8	100.7	89.0
1986	75	88.5	93.3	96.7	92.0	101.3	89.5
1987	41	88.6	93.7	96.8	92.3	99.8	89.9
1988	43	88.9	93.5	97.4	91.9	100.2	90.1
1989	37	88.8	93.2	96.7	92.7	98.7	90.1
1990	31	88.5	93.0	96.5	93.5	99.2	90.1
1991	21	88.3	93.2	98.4	93.5	99.5	91.1
1992	31	89.6	95.2	98.3	93.5	100.2	91.7
1993	32	89.0	94.2	98.5	94.1	98.1	91.9
1994	23	88.1	93.5	97.8	94.3	97.9	91.2
1995	26	90.0	95.8	98.5	94.0	99.3	92.4
1996	20	90.1	96.8	98.5	96.3	99.0	93.8
1997	15	91.8	98.1	99.3	96.3	99.9	94.9
1998	15	90.1	96.4	99.2	96.4	99.6	94.1
1999	22	90.8	96.1	98.9	96.5	99.2	94.3
2000	17	90.8	97.4	100.0	96.5	98.9	95.1
2001	22	90.5	97.4	99.1	95.7	99.7	94.0
2002	19	91.0	97.3	99.5	97.6	99.5	95.4
2003	22	90.2	96.5	99.7	96.8	98.8	94.6
2004	24	90.2	96.6	98.5	95.6	98.8	93.4

2005	29	90.3	96.1	98.1	96.4	99.2	93.7
2006	28	91.4	96.8	97.9	95.6	98.8	93.5
2007	38	90.9	96.4	98.8	96.6	99.2	94.3
2008	31	90.8	96.3	98.4	96.9	98.8	94.1
2009	39	91.2	97.1	98.9	98.0	99.6	95.3
2010	36	90.9	95.1	98.6	96.8	99.4	94.1
2011	35	91.7	98.0	99.3	97.3	100.5	95.5
2012	36	92.4	98.6	99.4	97.7	100.6	96.0
2013	30	91.9	98.0	99.7	98.3	99.9	96.2
2014	39	91.2	97.4	100.3	97.7	99.4	95.8
2015	29	93.1	99.5	100.4	98.5	100.4	97.2

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2014	104.7	105.0	107.3	106.6	105.6	104.2	93.1	107.2
1981	1994	104.8	104.9	107.2	106.6	105.6	104.4	92.9	107.2
1982	1574	105.1	104.9	107.4	106.7	105.9	104.4	92.8	107.3
1983	985	105.5	104.6	107.4	106.6	106.2	104.8	92.3	107.2
1984	700	105.3	104.5	107.0	106.4	105.9	104.7	92.9	107.0
1985	449	105.4	104.3	106.9	106.3	105.9	104.7	92.5	106.9
1986	311	105.2	103.9	106.5	105.7	105.7	104.2	92.3	106.4
1987	180	105.7	103.7	106.7	105.8	106.2	104.2	91.8	106.5
1988	151	105.4	103.5	106.3	105.5	105.7	103.7	92.0	106.2
1989	129	105.3	103.3	106.0	105.2	105.5	103.7	92.2	105.8
1990	119	105.4	103.4	106.0	105.2	105.8	103.8	91.8	105.8
1991	100	105.1	103.8	106.2	105.4	105.7	104.0	92.0	106.0
1992	100	105.1	103.2	105.8	105.0	105.7	104.3	92.0	105.6
1993	123	104.9	103.3	105.5	105.0	105.4	104.3	92.9	105.5
1994	86	105.2	103.3	105.6	105.2	106.0	104.6	92.8	105.6
1995	93	104.5	103.2	105.1	104.7	105.4	103.9	92.8	105.2
1996	103	104.2	103.0	105.0	104.5	104.8	104.0	93.9	105.0
1997	85	103.5	102.3	104.2	103.6	103.9	103.0	94.7	104.1
1998	80	103.2	102.5	103.7	103.5	103.8	102.8	94.2	103.8
1999	97	103.0	102.9	103.7	103.8	104.1	102.7	93.4	103.9
2000	81	102.9	102.7	103.5	103.5	103.8	102.7	94.1	103.7
2001	94	103.2	102.9	103.8	103.7	104.3	102.7	92.7	103.9
2002	74	103.9	102.3	103.8	103.7	104.6	103.6	93.5	104.0
2003	94	103.2	103.1	103.7	104.0	104.5	102.9	93.5	104.1
2004	106	103.5	102.6	103.8	103.8	104.6	103.0	93.8	104.0
2005	112	104.0	102.2	103.9	103.7	104.8	103.4	94.3	104.0
2006	140	104.1	102.1	103.9	103.6	104.8	103.4	94.1	104.0
2007	126	104.0	102.2	103.9	103.8	104.7	103.3	94.3	104.1
2008	129	104.2	102.0	103.8	103.6	104.8	103.5	94.5	103.9
2009	161	104.2	102.0	103.9	103.6	104.9	103.7	94.7	104.0
2010	138	104.3	102.2	104.2	103.7	104.8	103.9	95.4	104.1
2011	159	104.2	102.5	104.0	104.0	105.0	103.7	94.6	104.2
2012	195	104.4	102.6	104.2	104.1	105.2	103.8	94.9	104.4
2013	128	104.6	102.4	104.4	104.2	105.3	103.6	94.7	104.6
2014	156	104.3	102.9	104.4	104.4	105.3	103.8	94.7	104.6
2015	146	103.7	102.9	104.0	104.3	105.0	103.7	95.7	104.4
2016	82	103.9	102.5	104.0	103.9	105.0	103.8	96.4	104.1

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	23	97.8	63.2	97.2	101.3	103.0
1981	18	97.9	37.6	96.6	100.9	102.6
1982	27	99.6	58.3	95.3	100.4	101.9
1983	27	99.2	71.8	96.2	100.8	102.3
1984	24	98.8	64.6	96.4	101.0	102.0
1985	24	99.3	64.9	96.4	100.9	102.0
1986	16	99.3	85.2	95.5	100.3	101.1
1987	14	100.4	70.4	94.9	99.7	100.4
1988	13	100.8	83.8	94.9	99.6	100.7
1989	17	99.8	75.2	94.8	99.1	100.8
1990	15	100.3	98.8	95.0	99.2	100.5
1991	15	97.7	97.5	95.2	100.1	100.6
1992	29	99.0	95.0	95.6	99.7	100.6
1993	28	98.5	98.3	95.6	99.6	100.7
1994	23	99.8	97.7	95.2	98.9	100.7
1995	26	99.4	91.2	95.6	99.1	100.6
1996	20	97.8	98.2	95.4	99.6	100.9
1997	17	99.6	91.7	95.3	99.1	100.3
1998	16	97.6	79.6	95.9	99.1	100.8
1999	20	97.8	98.5	95.2	98.4	100.2
2000	17	99.1	98.5	95.2	98.7	99.9
2001	23	97.7	98.7	96.0	99.1	100.2
2002	17	98.2	98.1	94.8	97.4	98.4
2003	22	96.8	94.2	96.9	99.5	99.9
2004	23	98.5	94.9	95.8	98.1	99.3
2005	27	97.2	90.7	96.1	98.2	99.2
2006	26	97.8	99.2	95.4	97.7	98.7
2007	37	98.1	98.2	95.5	97.9	99.0
2008	30	98.0	96.9	95.7	97.5	98.7
2009	39	98.7	96.9	95.8	97.8	98.8
2010	36	98.8	98.6	96.3	97.9	99.0
2011	32	97.6	97.9	96.1	98.0	99.0
2012	32	98.8	98.6	96.2	97.8	99.2
2013	28	98.5	94.4	96.5	98.4	99.5
2014	36	98.5	95.4	96.4	98.1	99.1
2015	25	97.6	98.6	97.0	98.7	99.5

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	67	-115.4	-313.6	-230.9	102.6	107.2	96.3	90.6	98.9
1981	73	-124.1	-321.3	-260.0	102.0	107.2	96.5	90.3	98.1
1982	101	-118.4	-332.8	-253.4	101.4	107.3	97.3	90.6	98.5
1983	121	-120.3	-343.7	-243.1	101.9	107.2	96.7	91.3	99.7
1984	161	-142.7	-346.0	-312.2	101.8	107.0	96.8	91.6	100.3
1985	170	-145.4	-344.3	-388.6	101.8	106.9	96.5	91.8	99.6
1986	127	-151.6	-337.9	-431.4	100.9	106.4	96.7	92.0	98.7
1987	112	-159.4	-347.5	-493.5	100.0	106.5	96.8	92.3	99.1
1988	104	-163.4	-355.3	-490.1	100.3	106.2	97.4	91.9	98.7
1989	103	-147.6	-326.4	-447.9	100.1	105.8	96.7	92.7	98.6
1990	95	-164.7	-350.6	-485.6	100.0	105.8	96.5	93.5	98.6
1991	79	-165.4	-386.2	-515.1	100.4	106.0	98.4	93.5	99.0
1992	73	-147.7	-328.5	-436.2	100.3	105.6	98.3	93.5	99.2
1993	88	-136.3	-310.0	-397.7	100.3	105.5	98.5	94.1	98.9
1994	69	-127.6	-279.5	-357.6	99.9	105.6	97.8	94.3	98.6
1995	69	-113.6	-261.0	-307.6	100.0	105.2	98.5	94.0	98.8
1996	68	-115.9	-277.6	-344.4	100.5	105.0	98.5	96.3	98.9

1997	53	-98.8	-218.4	-306.2	99.8	104.1	99.3	96.3	98.6
1998	61	-82.1	-189.5	-229.0	100.1	103.8	99.2	96.4	98.6
1999	72	-93.4	-216.0	-215.4	99.4	103.9	98.9	96.5	98.6
2000	53	-101.3	-231.3	-252.9	99.4	103.7	100.0	96.5	98.7
2001	68	-86.5	-216.3	-185.6	99.7	103.9	99.1	95.7	99.2
2002	58	-101.3	-195.1	-249.0	97.8	104.0	99.5	97.6	98.4
2003	69	-76.1	-202.2	-142.1	99.7	104.1	99.7	96.8	98.9
2004	80	-74.9	-161.0	-170.2	98.7	104.0	98.5	95.6	98.9
2005	85	-71.3	-153.4	-145.2	98.7	104.0	98.1	96.4	99.5
2006	97	-84.9	-169.9	-195.8	98.0	104.0	97.9	95.6	99.4
2007	77	-68.5	-143.6	-155.9	98.4	104.1	98.8	96.6	99.3
2008	91	-71.3	-133.2	-164.2	98.0	103.9	98.4	96.9	98.8
2009	123	-63.8	-135.6	-150.1	98.1	104.0	98.9	98.0	99.1
2010	98	-60.4	-133.3	-110.0	98.4	104.1	98.6	96.8	99.0
2011	113	-60.3	-143.8	-126.2	98.4	104.2	99.3	97.3	98.7
2012	135	-60.7	-146.5	-109.8	98.4	104.4	99.4	97.7	98.8
2013	93	-40.4	-120.5	-67.1	98.9	104.6	99.7	98.3	99.2
2014	123	-50.7	-135.9	-122.7	98.5	104.6	100.3	97.7	99.2
2015	118	-26.7	-101.8	-50.6	99.1	104.4	100.4	98.5	99.2
2016	37	1.4	-67.8	66.6	98.7	104.1	99.8	98.2	99.3

Tabel: 205 Blaarkop - zwartbont: Klauwgezondheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2009	14	101.1	101.5	100.0	101.0	101.1	99.2	100.9
2010	12	99.9	100.4	99.3	100.0	99.7	98.3	101.3

Tabel: 206 Blaarkop - zwartbont: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1982	23	94.7	100.0	94.7	100.0	95.3	101.6
1983	27	96.1	100.7	96.1	100.7	95.5	101.7
1984	26	97.3	101.3	97.3	101.3	97.1	102.0
1985	31	95.9	101.0	95.9	101.0	96.3	102.6
1986	33	94.5	100.1	94.5	100.1	95.2	102.1
1987	28	95.8	100.6	95.8	100.6	96.2	102.2
1988	32	95.4	99.9	95.4	99.9	95.7	102.0
1989	37	96.1	99.6	96.1	99.6	96.6	102.2
1990	42	96.3	99.8	96.3	99.8	96.3	102.1
1991	39	96.5	99.9	96.5	99.9	97.0	102.6
1992	59	97.2	100.2	97.2	100.2	97.4	102.4
1993	85	96.5	100.4	96.5	100.4	96.9	102.5
1994	79	96.8	99.9	96.8	99.9	97.4	101.7
1995	100	96.8	100.1	96.8	100.1	97.3	102.3
1996	106	96.9	100.2	96.9	100.2	97.8	102.1
1997	70	96.3	100.1	96.3	100.1	97.1	101.7
1998	78	96.7	100.0	96.7	100.0	97.8	101.2
1999	109	97.0	100.0	97.0	100.0	98.2	101.1
2000	95	97.5	99.9	97.5	99.9	98.4	101.0
2001	111	97.5	100.4	97.5	100.4	98.3	101.6
2002	86	96.5	99.7	96.5	99.7	97.2	100.7
2003	103	97.0	100.2	97.0	100.2	97.4	101.3
2004	131	97.3	100.0	97.3	100.0	98.0	101.5
2005	139	97.9	100.1	97.9	100.1	98.6	101.9

2006	168	97.7	100.2	97.7	100.2	98.4	101.9
2007	144	97.3	99.0	97.3	99.0	98.2	100.6
2008	160	97.0	99.9	97.0	99.9	97.7	101.6
2009	190	97.0	100.3	97.0	100.3	97.7	101.8
2010	172	97.0	99.6	97.0	99.6	97.7	101.5
2011	180	96.6	100.0	96.6	100.0	97.4	101.6
2012	235	96.8	100.1	96.8	100.1	97.5	101.8
2013	172	97.3	99.8	97.3	99.8	98.1	101.6
2014	214	97.5	99.8	97.5	99.8	98.3	101.4
2015	218	97.7	100.2	97.7	100.2	98.6	101.8
2016	212	97.5	100.4	97.5	100.4	98.3	102.0
2017	202	97.4	90.5	97.4	90.5	98.2	91.9
2018	190	97.1	89.8	97.1	89.8	98.1	91.2

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	81	106.6	99.7	92.3	15.8	14.3	14.0
1981	64	106.4	97.9	94.1	24.5	23.7	22.4
1982	103	107.1	96.9	93.5	33.5	32.9	32.5
1983	166	107.9	95.0	94.1	41.0	41.2	41.0
1984	152	103.6	98.4	94.4	49.6	45.9	44.3
1985	97	100.8	95.8	98.3	68.1	62.1	58.2
1986	98	102.4	96.8	96.8	64.5	59.8	57.3
1987	41	103.9	99.1	95.7	68.9	63.0	62.9
1988	40	105.5	98.0	94.3	60.2	55.8	55.1
1989	39	104.4	97.3	95.0	71.0	64.8	62.6
1990	29	104.1	98.4	95.6	67.2	61.4	59.5
1991	28	105.6	99.1	94.1	35.5	34.6	34.3
1992	26	104.8	99.6	94.2	67.3	60.2	58.8
1993	31	102.6	98.5	96.9	78.6	72.5	72.5
1994	28	103.4	99.4	96.5	90.0	82.4	81.1
1995	20	105.0	97.8	94.5	76.0	71.7	70.6
1996	11	102.8	98.5	96.5	84.3	77.1	75.6
1997	21	103.0	99.6	97.1	67.8	62.6	60.4
1998	27	102.9	99.2	96.3	86.6	80.7	79.3
1999	35	103.1	99.9	96.3	86.0	81.2	80.6
2000	22	102.0	101.4	97.7	81.9	78.0	78.0
2001	36	102.9	100.4	96.4	92.0	89.2	86.2
2002	30	103.7	97.3	96.0	91.8	86.9	85.0
2003	36	104.3	100.3	95.6	97.4	93.3	93.9
2004	54	104.5	99.3	95.2	94.0	89.7	89.9
2005	65	105.2	97.7	94.5	99.4	93.6	92.9
2006	73	103.8	97.9	95.9	97.2	91.1	90.0
2007	82	104.3	97.3	95.5	95.4	89.7	87.5
2008	89	103.5	97.8	96.3	91.7	85.3	83.5
2009	122	103.6	97.7	96.6	89.3	82.8	81.0
2010	113	103.9	97.8	96.0	95.6	88.5	86.6
2011	120	103.3	98.2	96.7	95.6	88.0	86.3
2012	141	103.4	98.7	96.7	95.1	88.8	86.9
2013	88	104.0	99.0	96.0	90.3	84.7	84.9
2014	113	104.4	98.0	95.3	94.0	88.4	88.5
2015	96	103.5	98.6	96.2	83.4	78.8	79.2
2016	115	103.3	98.4	96.5	81.6	76.9	76.3
2017	64	102.7	100.2	96.9	88.4	82.5	83.1
2018	93	103.5	99.6	96.2	74.0	68.8	69.6

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	111.7	92.0	97.9	115.7	93.4	104.0	96.9	112.9	91.4	98.3
1981	39	105.2	111.6	93.1	98.4	114.3	94.5	103.3	97.2	113.3	93.2	97.8
1982	53	105.8	110.4	93.1	99.1	114.6	94.0	103.4	96.3	116.4	94.5	102.5
1983	67	104.5	109.6	94.6	98.2	113.1	95.3	101.8	96.8	117.2	97.0	102.4
1984	67	104.0	110.0	95.0	98.1	111.9	95.0	102.4	96.3	113.3	93.7	98.1
1985	65	104.1	109.6	94.5	97.8	112.2	94.6	102.4	96.6	114.0	93.1	98.4
1986	54	103.9	109.2	93.4	98.4	112.6	94.0	102.6	96.2	110.9	93.4	97.1
1987	40	105.1	109.4	93.5	97.8	114.0	93.5	103.3	96.9	112.3	92.5	98.4
1988	43	104.4	108.7	93.7	97.7	113.2	93.8	102.9	96.4	111.6	92.5	97.8
1989	51	104.4	109.4	93.6	97.8	113.3	94.7	102.3	97.7	112.8	92.8	97.6
1990	48	103.1	108.7	94.9	97.2	111.9	95.2	101.1	97.5	112.1	94.1	96.7
1991	48	103.3	108.9	94.0	97.3	111.5	94.9	101.0	97.8	112.1	94.2	96.9
1992	67	102.0	108.4	94.3	96.8	110.2	95.7	99.7	98.2	111.1	94.1	96.0
1993	83	102.9	107.2	94.4	96.7	110.4	94.8	100.8	98.2	111.3	94.5	96.0
1994	68	102.6	108.1	94.5	96.9	110.8	95.0	100.4	98.3	111.1	94.0	95.8
1995	69	102.3	107.8	95.6	96.6	109.8	95.7	100.3	98.5	110.8	95.4	95.0
1996	89	102.1	107.5	95.2	96.9	109.3	95.6	100.1	98.1	110.8	94.7	95.7
1997	70	102.0	107.0	95.0	97.7	108.9	95.8	100.4	97.9	110.5	94.1	95.0
1998	70	101.9	107.3	94.9	97.8	108.6	95.5	100.1	98.1	110.4	94.7	95.1
1999	94	101.5	107.3	94.0	98.1	108.1	95.5	99.9	98.0	109.8	93.7	94.2
2000	76	100.6	106.6	94.7	97.5	106.9	96.0	99.1	97.8	109.6	94.1	93.7
2001	88	101.4	107.9	94.9	97.9	108.3	95.6	99.8	97.8	110.5	94.5	94.8
2002	71	100.4	105.4	96.1	96.7	106.5	96.6	98.7	98.6	108.4	95.3	93.9
2003	85	99.6	105.7	96.2	96.3	106.3	97.1	98.0	97.7	108.8	95.3	93.4
2004	117	99.9	106.1	95.5	96.6	106.9	96.5	98.6	97.2	108.9	94.8	93.6
2005	112	100.0	105.2	96.2	96.3	106.2	96.5	98.8	97.6	108.2	94.9	93.1
2006	113	99.6	105.6	96.5	96.3	106.3	96.8	98.3	97.0	108.5	95.2	93.8
2007	96	100.3	105.9	96.1	96.8	106.7	96.6	98.9	97.6	108.6	94.9	93.9
2008	111	99.7	105.3	95.8	97.2	105.6	97.3	98.5	97.6	108.0	95.1	93.5
2009	109	100.0	105.1	96.0	97.1	105.5	97.1	98.6	97.9	108.3	95.5	94.4
2010	77	99.6	105.3	95.4	96.8	105.6	97.2	98.2	98.1	108.2	95.2	93.8
2011	73	100.1	105.8	95.8	97.2	105.8	97.1	98.5	98.4	108.8	95.1	93.9
2012	62	100.1	105.2	96.0	97.2	105.3	97.5	98.8	98.2	108.2	95.6	94.0
2013	40	100.2	104.9	95.9	97.2	105.0	97.2	98.6	99.0	108.0	95.0	93.7
2014	41	100.2	105.2	96.2	97.2	105.6	97.3	98.9	98.2	107.9	95.4	93.6
2015	28	100.4	105.1	96.6	98.5	104.9	97.8	98.9	98.8	107.2	96.0	95.1

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	24	98.6	94.5	97.6
1983	29	97.7	93.6	96.6
1984	24	96.1	92.2	96.4
1985	31	97.1	92.9	97.2
1986	34	97.9	93.5	97.7
1987	27	98.2	94.1	98.3
1988	28	98.1	93.8	97.9
1989	28	97.1	92.9	97.6
1990	37	96.4	91.9	97.4
1991	30	95.6	91.5	96.8
1992	54	95.7	91.6	96.7
1993	91	97.1	92.8	98.0
1994	105	96.2	91.8	97.5

1995	109	96.1	92.0	97.4
1996	110	96.0	91.8	97.3
1997	81	96.4	92.1	97.6
1998	80	96.3	91.8	97.4
1999	120	97.2	92.5	98.1
2000	111	96.4	91.7	97.6
2001	124	95.9	91.1	97.3
2002	92	95.1	90.1	96.4
2003	123	96.4	91.5	97.6
2004	158	96.0	91.1	97.6
2005	162	95.0	89.9	97.0
2006	203	94.9	89.7	96.9
2007	173	94.5	89.4	97.0
2008	187	94.6	89.3	97.0
2009	220	94.8	89.6	97.0
2010	187	94.4	89.1	96.8
2011	213	94.3	89.2	96.8
2012	257	95.0	89.9	97.0
2013	184	95.4	90.5	97.6
2014	229	95.6	90.8	97.9
2015	254	96.2	91.3	97.9
2016	243	96.5	91.5	98.2
2017	225	96.6	91.6	98.2
2018	183	96.3	91.3	98.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	68	-2253.0	-8174.2	-394.6	-320.4
2002	58	-2551.2	-9170.2	-451.7	-360.2
2003	69	-1960.5	-6900.4	-340.2	-280.9
2004	77	-1964.2	-6783.9	-345.4	-279.9
2005	85	-1802.2	-6111.2	-320.6	-255.3
2006	97	-2129.8	-7346.8	-377.0	-302.3
2007	77	-1841.3	-6149.7	-331.4	-258.9
2008	92	-1840.8	-6138.2	-329.9	-259.7
2009	123	-1770.7	-5932.3	-319.9	-248.6
2010	98	-1523.1	-4895.1	-276.5	-213.9
2011	113	-1654.9	-5417.8	-295.6	-234.5
2012	135	-1563.2	-5131.6	-282.6	-219.7
2013	94	-1234.7	-3734.2	-221.8	-175.2
2014	126	-1615.3	-5317.7	-289.8	-228.1
2015	118	-1073.1	-3147.1	-191.0	-153.6
2016	45	-255.3	227.8	-60.4	-32.1

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

Jaar	Aantal	Eff	Int	Gewen
2014	10	97.9	104.3	102.9

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

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	70	98.6	101.1	0	0.0	0	0.0
1981	76	99.0	100.6	0	0.0	0	0.0
1982	102	97.9	99.8	0	0.0	0	0.0
1983	123	98.7	100.0	0	0.0	0	0.0
1984	161	98.7	100.4	0	0.0	0	0.0
1985	170	98.6	100.5	247	-4.1	0	0.0
1986	128	98.5	99.9	161	-3.8	0	0.0
1987	112	97.4	99.7	121	-3.9	0	0.0
1988	104	97.2	99.8	111	-3.9	0	0.0
1989	103	97.0	98.9	104	-3.8	0	0.0
1990	95	98.1	99.5	95	-3.9	0	0.0
1991	79	97.6	98.7	79	-4.0	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	97.0	99.4	69	-3.5	0	0.0
1995	69	98.2	100.3	69	-3.1	0	0.0
1996	68	97.4	99.4	68	-3.1	0	0.0
1997	53	98.3	99.3	53	-2.7	0	0.0
1998	61	97.7	99.4	61	-2.5	0	0.0
1999	72	97.5	98.7	72	-2.6	0	0.0
2000	53	97.8	98.2	53	-2.6	0	0.0
2001	68	99.2	99.6	68	-2.6	22	92.6
2002	58	98.3	98.7	58	-2.5	19	92.5
2003	69	99.9	100.4	69	-2.6	22	91.3
2004	80	98.9	99.8	80	-2.3	24	91.5
2005	85	98.8	99.4	85	-2.1	29	91.5
2006	97	98.6	99.2	97	-2.2	28	92.3
2007	77	98.7	99.3	78	-2.0	38	92.2
2008	91	98.6	99.2	91	-2.0	31	91.8
2009	123	99.5	99.1	123	-1.8	39	92.8
2010	98	98.4	99.5	98	-1.9	36	91.5
2011	113	98.6	99.6	113	-1.8	35	93.8
2012	135	97.7	99.7	135	-1.9	36	94.7
2013	93	98.4	99.3	93	-1.6	30	93.8
2014	123	98.2	99.5	125	-1.8	39	93.1
2015	118	98.7	99.8	119	-1.5	28	95.7
2016	37	99.0	100.2	39	-1.3	8	93.5

Tabel: 213 Verbeterd Roodbont: Melkproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	75	-1159.0	-50.4	-46.6	-62.5	2.4	-7.2	-17.5	-315.8
1981	58	-1238.4	-51.8	-48.4	-66.1	6.6	-5.0	-17.8	-327.0
1982	115	-1283.2	-53.5	-49.1	-68.1	7.1	-3.4	-17.7	-334.1
1984	132	-1299.5	-55.1	-50.9	-68.9	5.8	-5.5	-17.8	-345.2
1985	111	-1328.8	-55.8	-51.3	-70.3	6.9	-4.1	-18.0	-348.4
1986	143	-1263.1	-51.4	-48.5	-67.3	9.8	-3.3	-17.8	-327.1
1987	200	-1187.9	-47.2	-46.1	-63.8	11.4	-3.9	-17.6	-307.2
1989	14	-1970.4	-103.7	-77.7	-99.6	-36.6	-11.4	-20.4	-566.4
1990	18	-1820.1	-95.6	-75.7	-92.7	-32.1	-17.8	-19.7	-538.8
1991	19	-1664.1	-88.8	-70.7	-85.5	-31.2	-19.1	-18.8	-502.4
1998	15	-2198.0	-119.0	-86.4	-109.9	-52.0	-11.9	-20.9	-637.0
1999	14	-1852.3	-96.9	-73.1	-94.1	-33.7	-10.4	-19.8	-531.3
2000	15	-1981.9	-106.8	-78.6	-97.0	-43.0	-12.1	-13.6	-575.7
2001	12	-2263.8	-119.5	-85.7	-106.3	-46.1	-4.5	-6.8	-634.1

2002	13	-1973.2	-108.7	-76.4	-94.3	-47.4	-7.8	-7.5	-569.8
2004	11	-1703.3	-91.7	-67.5	-72.5	-34.4	-9.8	13.1	-491.2
2005	11	-2063.7	-110.1	-81.0	-98.6	-42.0	-10.9	-8.7	-592.9
2006	17	-1939.5	-102.2	-73.6	-90.4	-35.7	-4.1	-3.0	-543.9
2007	11	-1748.5	-98.1	-69.9	-84.9	-41.9	-10.3	-9.8	-518.1
2009	11	-1987.5	-104.9	-76.7	-97.8	-37.8	-7.1	-14.8	-564.2
2016	57	-250.1	-16.1	-11.5	-23.6	-7.6	-3.1	-19.7	-88.1

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	87.9	93.1	90.1	93.7	98.5	91.4	96.4
1982	331	88.4	92.8	90.1	94.0	98.3	91.7	96.2
1983	224	88.1	92.9	89.8	93.7	99.1	91.0	96.4
1984	169	88.2	93.0	89.7	93.5	99.3	90.8	96.4
1985	111	88.0	93.2	89.7	93.6	100.1	91.2	96.5
1986	100	89.0	92.9	89.8	94.2	99.5	91.0	96.7
1988	78	89.3	92.7	90.1	94.7	99.0	91.4	96.8
1989	74	90.3	92.7	90.6	95.5	98.9	91.6	97.9
1990	67	89.5	91.8	89.9	94.9	99.2	91.3	97.4
1991	59	89.9	92.9	90.8	95.5	99.8	91.9	97.4
1992	72	90.3	92.9	90.9	95.8	99.4	91.9	97.2
1993	75	90.8	92.8	91.4	96.6	99.2	92.1	97.4
1994	68	91.4	93.8	92.3	97.1	99.4	92.6	97.9
1995	75	90.8	93.3	91.3	96.3	99.6	91.6	97.3
1996	62	91.8	93.5	92.4	97.2	99.4	92.0	97.6
1997	63	92.7	93.9	92.6	97.3	99.5	91.7	97.7
1998	90	92.6	93.6	93.0	98.2	98.8	92.3	97.9
1999	70	93.8	94.0	93.7	98.7	99.2	92.5	98.6
2000	80	93.5	94.0	93.6	98.5	98.9	91.9	98.2
2001	80	93.5	94.0	93.6	98.6	98.5	91.2	98.6
2002	58	93.6	94.1	93.8	98.5	99.1	92.1	99.3
2003	67	94.1	94.3	94.0	98.6	99.4	92.1	98.5
2004	51	93.2	94.0	93.7	98.6	99.0	92.3	98.4
2005	50	94.0	93.6	93.9	98.8	98.5	91.8	99.7
2006	72	94.2	94.0	94.3	99.0	98.5	92.3	99.3
2007	68	94.1	94.4	94.5	99.0	98.9	92.4	99.8
2008	51	94.5	94.8	94.4	99.0	99.5	93.5	99.8
2009	57	95.8	94.9	95.4	100.5	97.8	92.5	101.1
2010	59	95.2	94.1	94.9	100.0	97.7	92.5	100.8
2011	62	94.8	94.6	94.8	99.5	98.7	92.4	100.6
2012	49	94.1	94.9	94.6	99.3	99.4	92.7	100.1
2013	53	95.5	94.7	95.3	100.4	98.7	92.5	101.2
2014	63	94.8	95.0	95.1	99.9	98.8	92.4	100.9
2016	17	94.8	94.2	94.8	99.5	98.6	91.8	101.6

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

Jaar	Aantal	BA	BZ	KH	BG
1980	418	95.9	95.3	88.9	93.0
1982	331	95.9	95.1	89.3	93.1
1983	224	96.4	95.1	90.4	93.3
1984	169	96.6	95.3	90.4	93.6

1985	111	96.9	95.6	91.3	93.6
1986	100	97.3	95.3	92.2	93.8
1988	78	98.2	94.6	92.8	94.6
1989	74	98.2	95.3	93.2	94.3
1990	67	98.7	94.4	94.5	94.5
1991	59	99.0	94.8	94.4	95.2
1992	72	99.2	94.8	94.1	95.5
1993	75	99.6	96.2	94.5	95.8
1994	68	99.4	96.4	95.8	95.7
1995	75	99.2	95.8	95.6	95.7
1996	62	100.2	95.6	95.7	96.4
1997	63	100.8	95.7	96.7	97.0
1998	90	99.9	97.1	95.5	96.1
1999	70	101.1	96.4	96.7	97.0
2000	80	101.5	96.0	97.6	97.5
2001	80	101.2	96.9	96.4	97.0
2002	58	101.4	97.1	96.9	97.0
2003	67	101.6	96.5	97.2	97.6
2004	51	100.9	96.5	96.8	97.3
2005	50	101.0	98.0	96.7	97.0
2006	72	101.1	97.7	96.9	97.2
2007	68	101.9	97.1	97.5	97.9
2008	51	101.7	97.1	97.8	97.8
2009	57	101.2	97.1	96.9	97.8
2010	59	101.6	98.0	96.6	98.2
2011	62	101.6	96.7	97.4	98.4
2012	49	101.5	97.0	97.4	98.2
2013	53	102.0	97.8	96.9	98.6
2014	63	101.5	97.9	96.9	98.2
2016	17	102.5	98.1	96.8	99.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	418	99.4	91.7	100.9	99.2	92.4	95.8	92.3
1982	331	100.5	92.6	100.8	99.9	93.2	96.0	92.7
1983	224	100.0	92.8	100.8	99.6	92.8	96.1	93.0
1984	169	100.2	92.2	100.6	99.9	92.5	96.1	92.8
1985	111	100.2	92.6	100.8	99.7	92.5	96.1	93.2
1986	100	100.6	93.0	101.4	99.9	92.9	96.2	93.5
1988	78	101.0	93.4	101.0	100.2	93.5	95.8	93.3
1989	74	101.7	93.9	101.9	100.7	93.3	95.5	93.3
1990	67	102.1	93.8	101.6	101.0	93.2	95.9	93.7
1991	59	102.3	94.5	101.5	100.9	93.1	96.2	94.1
1992	72	101.9	94.1	101.7	100.4	93.3	95.2	93.3
1993	75	101.7	94.9	101.0	100.2	93.2	95.3	93.8
1994	68	102.1	95.1	101.6	100.4	93.9	94.6	93.4
1995	75	102.1	94.6	100.9	101.1	93.2	95.2	93.6
1996	62	103.1	95.5	101.2	101.4	94.0	96.0	94.4
1997	63	101.9	95.5	101.7	100.8	94.5	95.9	94.4
1998	90	101.8	95.8	101.5	100.2	94.0	95.9	94.8
1999	70	102.4	96.1	101.8	100.6	94.3	95.7	94.7
2000	80	102.2	96.9	101.4	100.9	94.8	95.8	94.8
2001	80	101.8	96.3	102.3	100.3	94.7	95.1	94.5
2002	58	102.4	96.7	101.8	100.6	94.7	95.7	94.8
2003	67	102.8	97.4	101.8	101.0	95.2	96.4	95.7
2004	51	103.4	97.5	101.6	101.3	95.8	96.7	95.9
2005	50	103.0	97.0	102.4	100.6	96.0	96.6	95.8
2006	72	102.3	97.3	103.8	99.8	95.0	95.0	94.5

2007	68	102.5	97.2	102.6	100.4	95.3	95.5	95.0
2008	51	102.8	96.8	103.7	100.3	95.2	94.6	94.2
2009	57	102.3	97.4	102.7	99.7	95.9	95.0	94.5
2010	59	102.1	96.5	103.0	99.6	95.3	94.1	93.5
2011	62	102.5	97.0	102.9	100.2	96.1	95.2	94.3
2012	49	102.8	97.2	103.3	100.0	94.9	94.7	94.0
2013	53	103.0	97.4	103.9	100.4	95.9	95.6	94.8
2014	63	103.3	97.4	103.7	100.7	96.1	95.6	95.0
2016	17	104.2	98.1	104.1	101.5	95.5	95.7	94.9

Tabel: 217 Verbeterd Roodbont: Exterieurkenmerken bovenbalk

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	418	87.9	91.5	96.6	90.3	101.1	88.2
1982	331	87.9	91.4	97.6	90.2	100.9	88.6
1983	224	87.6	91.6	97.2	90.7	101.1	88.6
1984	169	87.4	91.5	97.2	91.1	101.2	88.8
1985	111	87.8	92.3	97.1	91.3	101.5	89.0
1986	100	87.8	92.3	97.5	91.6	100.3	89.4
1988	78	88.0	92.4	97.9	92.2	99.8	90.0
1989	74	88.9	93.1	98.3	92.2	99.2	90.6
1990	67	87.9	92.1	98.5	92.5	98.9	90.5
1991	59	88.9	93.6	98.6	93.2	99.5	91.3
1992	72	88.8	93.5	98.2	93.3	99.2	91.2
1993	75	89.2	94.3	98.0	94.3	98.4	91.8
1994	68	90.3	95.5	98.3	94.5	98.9	92.6
1995	75	89.0	94.7	98.4	94.2	98.9	92.0
1996	62	89.8	95.4	99.3	95.0	98.8	93.2
1997	63	89.9	95.9	98.9	95.7	98.7	93.5
1998	90	90.4	96.0	98.3	95.2	98.0	93.1
1999	70	91.1	97.0	98.8	96.1	98.3	94.2
2000	80	90.7	96.7	99.0	96.6	98.0	94.4
2001	80	90.4	96.5	98.5	96.2	97.8	93.8
2002	58	91.3	97.1	99.0	96.4	98.4	94.5
2003	67	91.2	97.3	99.4	96.7	98.5	95.0
2004	51	90.9	96.8	100.1	96.1	98.4	94.8
2005	50	91.3	96.9	99.8	96.2	98.0	94.8
2006	72	91.6	97.0	98.6	96.5	98.0	94.5
2007	68	92.1	97.5	99.1	97.3	98.6	95.4
2008	51	92.7	98.1	98.9	97.2	98.7	95.4
2009	57	93.3	98.5	99.0	97.0	97.6	95.6
2010	59	92.6	97.7	98.5	97.6	97.3	95.4
2011	62	92.7	98.2	99.2	97.4	98.2	95.7
2012	49	92.6	98.3	98.9	97.2	98.3	95.5
2013	53	93.2	98.8	99.4	98.0	98.0	96.4
2014	63	92.8	98.6	99.8	97.5	98.6	96.2
2016	17	92.6	98.3	100.2	98.6	97.9	96.9

Tabel: 218 Verbeterd Roodbont: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	759	105.2	104.9	107.5	106.8	105.8	104.5	93.0	107.4
1981	655	105.0	104.9	107.3	106.7	105.7	104.5	93.0	107.3
1982	599	105.6	104.6	107.5	106.7	106.1	104.7	92.6	107.4

1984	388	105.5	104.3	107.2	106.4	105.9	104.7	92.9	107.0
1985	283	105.8	104.0	107.1	106.4	106.1	105.1	92.6	107.0
1989	53	91.9	103.7	95.9	98.3	91.3	96.5	85.4	96.9
1990	77	91.4	103.9	95.2	97.9	90.5	96.6	83.8	96.3
1991	94	91.0	104.3	95.1	98.0	90.3	96.0	82.9	96.3
1992	140	91.4	103.7	94.8	97.5	90.1	96.2	81.7	96.0
1993	150	92.1	103.5	95.1	97.8	90.7	96.3	81.9	96.2
1994	180	91.8	103.5	94.6	97.4	89.9	95.8	80.7	95.8
1995	189	91.0	103.7	94.0	97.1	89.2	95.5	80.0	95.3
1996	183	90.9	103.7	93.8	97.0	89.0	95.2	79.8	95.1
1997	218	91.1	103.6	94.0	97.1	89.4	95.4	79.5	95.3
1998	213	91.1	103.5	93.7	96.9	89.4	95.4	79.0	95.1
1999	277	91.5	103.6	94.1	97.3	89.7	95.6	79.3	95.4
2000	251	91.2	103.9	94.2	97.5	89.9	95.7	79.8	95.6
2001	260	92.0	103.7	94.5	97.7	90.3	96.3	79.4	95.8
2002	239	92.3	103.3	94.6	97.4	90.4	96.4	79.6	95.7
2003	248	92.6	103.3	94.8	97.6	90.6	96.4	80.0	95.9
2004	258	93.0	102.8	94.7	97.4	90.9	96.6	80.2	95.8
2005	263	92.5	102.8	94.3	97.2	90.5	96.5	79.1	95.5
2006	268	92.8	102.7	94.4	97.1	90.7	96.6	78.6	95.5
2007	264	92.9	102.4	94.3	96.9	90.8	96.6	78.7	95.3
2008	253	93.0	102.8	94.6	97.3	90.9	96.3	78.6	95.7
2009	270	92.7	102.7	94.2	97.1	90.7	96.0	78.3	95.4
2010	268	93.3	102.3	94.5	97.0	91.1	96.2	78.8	95.5
2011	231	93.3	102.0	94.4	96.8	91.1	96.2	79.0	95.4
2012	205	93.6	101.7	94.5	96.8	91.3	96.1	79.0	95.4
2013	202	93.5	101.6	94.3	96.6	91.3	96.4	79.3	95.2
2014	190	93.5	101.6	94.4	96.6	91.3	96.3	79.6	95.3
2015	88	93.3	101.9	94.2	96.6	90.8	95.7	79.0	95.2
2016	65	93.7	101.0	94.0	96.1	91.0	95.5	79.1	94.9

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	21	97.6	73.0	97.3	101.9	103.5
1981	18	97.1	69.6	97.8	101.5	102.8
1982	29	98.9	60.5	95.7	100.9	102.3
1983	33	99.3	56.1	102.0	103.0	104.0
1984	21	99.1	55.8	97.1	101.3	102.4
1985	24	99.0	77.3	96.6	101.1	101.9
1986	20	100.2	69.0	96.2	100.7	101.6
1987	25	100.4	71.4	95.4	99.9	100.4
1988	31	99.9	82.7	97.0	98.5	102.0
1989	27	100.2	72.9	99.9	101.3	103.8
1990	30	100.0	98.7	98.7	100.0	102.9
1991	28	99.4	95.4	99.1	100.3	103.4
1992	69	99.8	97.0	99.8	101.7	103.5
1993	75	99.9	97.5	96.6	99.5	101.8
1994	64	98.7	97.2	97.1	98.9	101.6
1995	72	99.5	96.6	99.8	100.8	103.2
1996	60	99.8	95.6	100.2	103.0	103.6
1997	59	99.5	94.9	99.0	100.9	103.2
1998	89	99.1	96.4	97.3	99.5	103.3
1999	63	98.7	98.3	98.4	101.1	103.7
2000	81	98.7	96.4	98.3	100.7	103.9
2001	78	98.1	97.8	99.1	100.2	103.6
2002	59	98.5	96.1	98.8	99.8	102.7
2003	69	98.4	97.4	97.5	99.2	103.1
2004	49	98.3	93.5	99.5	100.2	103.9

2005	48	98.0	96.0	97.5	99.0	103.4
2006	68	97.4	95.8	98.3	99.6	103.8
2007	67	97.5	94.5	96.7	98.7	102.7
2008	51	97.4	97.8	96.7	98.5	102.5
2009	54	97.4	97.5	100.4	101.1	104.0
2010	58	96.8	95.5	99.2	100.7	104.6
2011	60	97.6	97.7	100.0	101.2	104.0
2012	48	97.8	97.3	100.0	101.3	104.0
2013	49	98.6	98.1	100.0	100.8	103.7
2014	51	98.1	97.7	98.0	100.0	103.5
2015	52	97.7	97.4	100.0	100.5	104.0

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	70	-128.1	-315.8	-237.0	103.2	107.4	96.6	90.3	99.4
1981	57	-133.6	-327.0	-268.9	102.5	107.3	91.0	96.0	100.0
1982	114	-136.1	-334.1	-248.2	101.9	107.4	97.6	90.2	98.5
1984	132	-150.2	-345.2	-354.0	102.2	107.0	97.2	91.1	100.2
1985	111	-151.7	-348.4	-377.6	101.8	107.0	97.1	91.3	100.2
1986	143	-148.3	-327.1	-436.3	101.4	98.5	97.5	91.6	99.0
1987	200	-146.4	-307.2	-432.0	100.2	99.5	94.0	94.0	98.6
1989	14	-190.1	-566.4	-488.4	102.9	96.9	98.3	92.2	99.2
1990	18	-198.7	-538.8	-462.8	101.9	96.3	98.5	92.5	99.7
1991	19	-154.2	-502.4	-490.7	102.3	96.3	98.6	93.2	99.4
1998	14	-142.0	-637.0	18.0	101.9	95.1	98.3	95.2	98.0
1999	14	-136.1	-531.3	-295.3	102.9	95.4	98.8	96.1	98.0
2000	13	-98.5	-575.7	173.0	102.9	95.6	99.0	96.6	98.2
2001	12	-99.6	-634.1	99.0	102.5	95.8	98.5	96.2	98.2
2002	12	-105.0	-569.8	-79.0	101.6	95.7	99.0	96.4	98.0
2004	11	-84.0	-491.2	176.0	102.8	95.8	100.1	96.1	97.9
2005	11	-108.6	-592.9	259.0	101.6	95.5	99.8	96.2	98.1
2006	17	-91.8	-543.9	176.0	102.3	95.5	98.6	96.5	98.3
2007	11	-92.4	-518.1	178.5	101.2	95.3	99.1	97.3	98.6
2009	11	-102.1	-564.2	145.0	103.1	95.4	99.0	97.0	98.5
2016	57	-21.0	-88.1	-49.3	98.5	94.9	100.2	98.6	99.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1998	18	98.4	98.1	98.3	100.8	98.4	97.1	100.6
1999	11	98.5	98.2	98.0	101.2	98.3	97.3	100.5
2000	21	98.0	97.6	98.0	100.7	98.2	96.6	100.9
2001	26	98.2	97.3	98.4	100.8	98.0	96.6	100.6
2002	22	97.8	97.5	98.5	100.1	97.5	96.5	100.8
2003	24	98.7	98.5	98.2	100.2	99.6	97.0	101.7
2004	24	98.0	97.5	98.6	100.3	97.9	96.6	100.9
2005	21	98.6	98.5	99.0	100.0	98.9	96.9	101.3
2006	42	98.0	98.5	97.9	99.6	98.9	96.2	101.2
2007	37	98.6	98.8	98.1	100.3	98.9	96.9	101.2
2008	31	98.0	98.5	97.7	99.6	99.2	96.0	101.3
2009	29	98.4	98.8	98.8	99.8	98.3	96.5	100.5
2010	36	98.9	99.1	98.8	100.3	99.1	97.4	100.9
2011	27	99.1	99.6	98.5	100.3	99.6	97.3	101.2

2012	17	99.3	99.9	98.9	100.0	100.0	97.4	101.4
2013	13	98.1	98.8	98.1	99.8	98.8	96.2	100.8
2014	16	98.7	98.6	98.8	100.1	99.1	97.1	100.9

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1982	21	94.2	100.1	94.2	100.1	94.9	101.8
1983	18	95.7	100.9	95.7	100.9	95.4	101.8
1984	15	96.3	100.7	96.3	100.7	94.9	102.1
1985	11	95.5	101.5	95.5	101.5	94.7	102.3
1986	30	94.8	100.2	94.8	100.2	95.5	102.0
1987	51	95.0	100.1	95.0	100.1	96.1	102.2
1988	64	95.6	100.2	95.6	100.2	96.5	102.5
1989	64	96.2	99.9	96.2	99.9	96.6	102.2
1990	79	97.5	100.3	97.5	100.3	97.5	102.9
1991	95	96.9	100.1	96.9	100.1	97.0	102.9
2000	369	96.8	99.3	96.8	99.3	97.7	100.2
2001	343	96.7	99.6	96.7	99.6	97.8	100.3
2002	366	96.5	99.5	96.5	99.5	97.5	100.3
2004	355	95.8	99.9	95.8	99.9	97.3	100.6
2006	328	96.5	99.7	96.5	99.7	97.6	101.0
2007	315	96.7	99.9	96.7	99.9	97.7	101.0
2008	275	96.8	99.4	96.8	99.4	98.1	100.4
2009	320	96.8	99.5	96.8	99.5	97.9	100.3
2010	301	96.8	99.4	96.8	99.4	97.9	100.4
2011	295	96.6	99.3	96.6	99.3	97.6	100.3
2012	288	97.0	99.4	97.0	99.4	97.9	100.7
2013	327	97.0	99.2	97.0	99.2	97.8	100.5
2014	309	97.4	98.8	97.4	98.8	98.2	100.3
2015	323	97.5	99.6	97.5	99.6	98.5	100.7
2016	299	97.5	99.8	97.5	99.8	98.3	101.0
2017	297	97.8	97.0	97.8	97.0	98.7	98.2
2018	208	98.1	95.2	98.1	95.2	98.9	96.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	67	108.0	99.0	91.1	23.1	22.0	20.5
1981	62	107.9	98.0	92.2	35.0	32.7	30.9
1982	91	109.3	95.5	91.6	44.2	41.4	40.5
1984	102	104.8	98.2	93.7	69.5	63.6	62.3
1985	88	103.5	95.7	95.8	54.6	49.9	46.9
1986	65	103.6	95.8	95.8	73.6	66.1	63.6
1987	71	104.9	98.0	94.3	75.2	68.1	67.6
1990	19	39.7	103.5	144.6	0.0	0.0	0.0
1991	10	36.4	103.7	147.8	0.0	0.0	0.0
1992	17	40.6	102.6	145.2	6.4	5.2	4.8
1993	17	40.2	103.6	143.8	0.0	0.0	0.0
1994	28	40.2	102.4	143.6	7.8	6.8	6.0
1995	32	40.1	104.7	144.3	10.1	9.0	8.1
1996	26	39.0	105.8	146.0	20.7	18.3	17.4
1997	33	41.3	105.0	144.0	26.3	23.3	22.3
1998	49	41.8	105.2	143.0	8.8	7.8	7.3

1999	46	40.5	105.7	144.7	44.5	39.5	36.0
2000	52	38.4	106.9	146.4	53.5	48.2	44.3
2001	66	41.0	105.8	144.2	75.9	68.3	64.6
2002	85	42.4	104.6	143.1	85.7	78.1	72.7
2003	76	42.7	104.1	142.6	80.5	74.0	67.8
2004	116	43.4	104.2	142.4	86.1	79.3	72.6
2005	139	43.5	103.7	142.2	92.7	86.6	79.2
2006	142	44.6	103.2	141.2	91.4	84.8	76.5
2007	167	44.5	103.1	141.3	95.5	88.8	79.7
2008	170	45.5	103.4	140.5	95.0	88.7	80.1
2009	204	44.8	102.9	140.9	96.9	90.4	81.9
2010	179	44.3	102.7	141.3	97.1	91.1	81.9
2011	159	44.3	102.8	141.4	96.4	89.9	80.6
2012	139	43.8	102.4	141.4	94.1	88.0	80.4
2013	137	43.4	103.0	142.0	93.2	87.3	80.6
2014	126	43.9	103.1	141.4	97.8	91.8	85.2
2015	104	44.3	103.1	140.7	83.9	78.5	71.5
2016	100	44.2	102.9	141.0	58.4	54.2	49.6
2017	82	43.5	103.3	141.5	56.9	53.4	48.9
2018	52	43.4	102.7	142.1	54.0	50.6	46.5

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	105.6	111.3	92.7	98.0	115.2	93.3	104.0	96.8	112.9	92.3	96.9
1981	28	105.2	111.2	92.8	97.5	115.6	93.8	103.1	96.5	113.7	92.3	97.0
1982	73	105.3	110.1	93.4	98.0	114.8	94.1	103.0	96.2	116.1	94.1	100.8
1983	60	104.1	109.8	95.1	98.1	113.1	95.5	102.0	96.2	115.0	95.9	99.7
1984	50	103.3	109.5	95.4	98.0	111.1	95.9	101.9	96.1	111.7	95.4	97.4
1985	56	104.4	110.1	94.9	97.9	113.4	94.7	102.9	95.8	113.2	94.3	98.0
1987	69	105.1	108.7	93.6	97.9	114.4	93.1	103.7	95.8	112.7	92.3	98.9
1988	79	104.4	109.1	93.7	97.8	113.6	93.8	102.8	96.3	112.2	92.9	97.8
1991	21	120.2	162.6	106.3	126.5	142.1	113.0	107.8	104.3	140.1	115.4	110.0
1992	39	120.1	160.7	105.7	125.6	141.3	112.3	108.0	104.2	139.1	114.7	110.2
1993	48	119.9	159.3	104.6	125.1	141.2	111.0	108.4	103.1	138.1	112.5	110.5
1994	47	120.1	160.8	104.6	125.3	142.0	110.9	108.4	102.8	139.1	112.5	110.7
1995	66	120.4	160.9	105.4	125.3	142.7	111.8	108.3	103.0	140.2	113.7	110.9
1996	68	120.1	161.4	104.9	125.3	143.2	111.9	107.9	102.5	141.0	113.5	111.2
1997	91	120.2	161.7	104.5	126.1	143.1	111.5	108.5	101.8	141.0	112.8	112.5
1998	88	120.4	163.4	104.7	126.7	144.2	111.8	108.5	101.5	142.2	113.2	112.4
1999	126	121.2	163.9	104.7	127.4	144.8	112.4	108.7	102.0	142.9	113.2	113.8
2000	111	122.3	166.5	105.0	129.0	146.7	112.8	109.5	101.9	145.1	113.5	115.5
2001	127	121.4	165.6	104.3	128.9	145.1	112.4	108.9	102.0	143.5	112.7	114.8
2002	108	121.6	166.0	104.0	129.4	145.0	112.3	109.0	102.2	143.6	112.6	115.0
2003	119	120.5	164.9	104.5	129.3	142.8	112.8	108.3	102.4	142.2	113.3	114.3
2004	128	121.2	165.3	103.9	130.0	142.9	111.7	109.2	102.3	142.3	112.3	115.1
2005	147	121.6	165.1	103.7	129.8	143.1	111.3	109.8	102.2	142.2	111.9	115.2
2006	149	121.4	164.5	103.6	128.8	143.3	110.6	109.6	101.9	142.6	111.5	114.9
2007	129	121.5	165.0	103.8	128.8	144.1	110.9	109.5	101.7	143.4	111.8	115.1
2008	99	121.1	163.6	104.1	127.9	143.1	110.6	109.4	101.5	142.7	111.5	114.6
2009	106	120.5	164.2	105.0	128.5	142.2	112.0	108.5	102.1	142.8	112.8	114.4
2010	55	121.3	166.1	105.6	129.9	142.7	111.9	109.1	102.7	143.8	113.1	115.7
2011	18	121.1	166.7	105.7	131.6	141.6	112.7	108.8	103.3	143.9	113.6	116.8
2012	103	100.0	103.5	97.2	96.3	105.0	97.2	98.0	99.6	107.2	95.2	94.3
2013	87	99.8	103.0	97.1	96.8	104.0	98.3	97.4	100.8	107.0	95.6	94.7
2016	17	100.9	102.8	96.9	97.1	105.0	97.9	98.6	100.7	106.8	95.9	95.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	20	98.3	94.2	98.0
1983	18	97.3	93.3	96.7
1984	17	96.4	92.3	96.2
1985	11	97.7	93.8	96.7
1986	28	98.2	93.9	97.7
1987	47	98.8	94.6	98.1
1988	59	97.7	93.4	97.8
1989	64	97.0	92.8	97.9
1990	80	96.3	92.3	98.0
1991	85	96.5	92.3	97.6
1992	108	96.2	91.8	97.4
1993	166	96.0	91.6	97.5
1994	253	94.9	90.4	96.9
1995	234	95.4	91.3	97.6
1996	260	95.6	91.4	97.9
1997	320	95.8	91.7	97.7
1998	422	95.9	91.3	97.5
1999	414	95.9	91.4	97.6
2000	473	95.4	90.7	97.2
2001	444	96.0	91.2	97.7
2002	460	95.8	91.1	97.3
2003	495	96.2	91.2	97.8
2004	470	96.5	91.3	98.2
2005	377	95.4	90.1	97.1
2006	378	94.9	89.6	96.5
2007	373	94.3	88.9	96.4
2008	315	93.9	88.4	96.2
2009	364	93.8	88.3	95.7
2010	346	94.2	88.7	96.0
2011	337	94.1	88.6	96.2
2012	371	94.3	89.0	96.5
2013	393	94.3	89.0	96.3
2014	370	93.8	88.5	96.4
2015	371	94.4	89.2	96.7
2016	350	95.2	90.0	97.1
2017	311	95.3	90.1	97.3
2018	206	94.9	89.7	97.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2008	161	-2032.7	-7048.5	-369.7	-283.3
2010	157	-1834.3	-6263.0	-333.7	-256.0
2016	61	-1011.1	-3012.5	-198.7	-135.1

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

Jaar	Aantal	Eff	Int	Gewen
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2014 12 96.9 103.8 102.5

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	75	99.1	101.1	0	0.0	0	0.0
1981	58	98.3	100.9	0	0.0	0	0.0
1982	115	97.6	100.2	0	0.0	0	0.0
1984	132	98.1	100.4	0	0.0	0	0.0
1985	111	97.5	100.1	165	-4.1	0	0.0
1986	143	97.7	99.7	182	-4.0	0	0.0
1987	200	97.3	99.8	212	-3.8	0	0.0
1988	2	100.0	99.5	189	-3.9	0	0.0
1989	14	100.8	98.1	179	-3.7	0	0.0
1990	18	100.6	98.7	176	-3.9	0	0.0
1991	19	101.9	98.5	159	-3.9	0	0.0
1993	8	102.0	99.5	166	-3.6	0	0.0
1994	9	100.6	98.2	159	-3.1	0	0.0
1995	8	101.9	100.5	162	-3.3	0	0.0
1996	6	103.2	101.2	132	-2.9	0	0.0
1997	8	101.4	99.5	159	-2.7	0	0.0
1998	15	99.4	98.6	205	-2.5	0	0.0
1999	14	100.6	99.3	196	-2.6	0	0.0
2000	15	99.5	98.2	222	-2.5	0	0.0
2001	12	100.5	99.4	200	-2.4	80	92.0
2002	13	101.2	98.4	190	-2.4	58	92.5
2003	8	100.1	99.8	186	-2.3	67	92.9
2004	11	102.1	98.1	180	-2.1	51	92.1
2005	11	101.5	100.0	155	-2.0	50	92.3
2006	17	102.7	101.6	187	-2.0	72	92.6
2007	11	104.0	101.3	180	-1.8	68	93.1
2008	9	103.1	102.4	162	-1.8	51	93.9
2009	11	104.7	102.6	185	-1.5	57	93.9
2010	6	104.0	104.7	157	-1.5	59	92.8
2011	6	102.5	101.2	179	-1.6	62	93.6
2012	3	103.7	102.7	173	-1.5	49	93.8
2013	5	104.8	101.6	215	-1.4	53	94.3
2014	4	101.5	98.5	180	-1.4	63	94.1
2015	1	103.0	101.0	162	-1.4	1	97.0
2016	57	98.4	99.5	58	-1.5	17	93.8

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1996	13	-1406.1	-72.9	-61.9	-73.8	-19.4	-19.5	-18.2	-429.2
1998	15	-1383.2	-76.7	-61.5	-72.7	-29.0	-20.6	-18.1	-435.3
1999	16	-1396.4	-76.2	-60.1	-73.4	-27.5	-16.5	-18.2	-428.3
2000	24	-1179.3	-70.1	-55.3	-63.5	-34.0	-22.4	-17.8	-393.1
2001	21	-1442.2	-84.3	-63.1	-74.5	-39.7	-19.4	-16.4	-458.3
2002	15	-1255.8	-75.7	-59.7	-67.8	-38.1	-25.7	-19.5	-424.3
2003	33	-1311.7	-80.2	-61.6	-66.6	-42.5	-25.5	-12.0	-441.2
2004	32	-1367.7	-77.5	-60.2	-68.9	-32.2	-18.9	-11.9	-430.2
2005	38	-1375.6	-81.8	-60.6	-69.7	-40.6	-19.1	-12.6	-441.2
2006	42	-1227.6	-76.7	-56.9	-63.1	-42.4	-22.1	-13.1	-413.4

2007	27	-1212.0	-78.2	-57.2	-61.9	-46.0	-23.1	-11.4	-417.4
2008	24	-1407.2	-83.0	-61.2	-71.8	-40.6	-18.2	-14.1	-447.0
2009	17	-1437.1	-84.9	-61.8	-68.7	-42.4	-17.1	-5.4	-452.3
2010	26	-1519.8	-88.5	-64.1	-72.7	-42.1	-15.5	-5.8	-470.6
2011	18	-1315.9	-80.6	-58.8	-61.7	-42.5	-19.4	-2.4	-428.8
2012	15	-1348.6	-77.9	-58.1	-62.5	-35.4	-15.1	-0.9	-420.6

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

Tabel: 230 Belgisch Blauw Mixt: Vruchtbaarheidsskenmerken
Basis: Dubbeloel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1996	13	102.4	104.8	102.3	104.2	101.5	100.7	87.8	103.5
1998	16	101.7	105.4	102.4	104.6	101.4	100.6	87.6	103.7
1999	16	103.1	104.8	102.9	104.5	102.2	100.4	86.8	103.9
2000	27	102.9	104.9	103.2	104.7	102.4	101.0	87.5	104.1
2001	21	102.0	105.3	102.8	104.4	101.9	100.6	88.0	103.8
2002	15	102.9	104.9	102.9	104.5	102.3	101.5	88.2	103.9
2003	36	101.7	104.9	102.2	104.1	101.4	100.3	88.6	103.3
2004	34	102.3	104.8	102.4	104.1	101.8	100.6	87.9	103.4
2005	38	101.5	105.6	102.5	104.5	101.4	100.2	88.9	103.7
2006	43	102.5	105.0	102.8	104.5	101.9	100.6	88.4	103.9
2007	28	102.3	105.4	102.9	104.8	102.0	100.8	88.9	104.0
2008	24	102.1	104.8	102.2	104.1	101.6	100.0	87.8	103.5
2009	18	102.3	105.4	102.8	104.7	101.9	99.9	87.4	103.9
2010	32	102.8	104.4	102.3	103.9	102.0	100.4	87.0	103.3
2011	26	102.5	105.2	102.6	104.3	102.0	100.3	87.5	103.6
2012	20	102.7	104.7	102.3	104.2	102.0	100.5	87.5	103.5

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1996	13	-98.9	-429.2	154.7	104.5	103.5	0.0	0.0	0.0
1998	15	-102.8	-435.3	137.8	103.4	103.7	0.0	0.0	0.0
1999	16	-84.6	-428.3	134.0	104.4	103.9	0.0	0.0	0.0
2000	24	-72.2	-393.1	155.9	104.1	104.1	0.0	0.0	0.0
2001	21	-104.1	-458.3	147.1	103.8	103.8	0.0	0.0	0.0
2002	15	-81.4	-424.3	152.9	104.3	103.9	0.0	0.0	0.0
2003	33	-97.6	-441.2	134.7	103.9	103.3	0.0	0.0	0.0
2004	32	-91.6	-430.2	148.8	104.0	103.4	0.0	0.0	0.0
2005	38	-102.1	-441.2	153.5	102.5	103.7	0.0	0.0	0.0
2006	42	-88.8	-413.4	119.6	103.0	103.9	0.0	0.0	0.0
2007	27	-86.4	-417.4	148.2	103.6	104.0	0.0	0.0	0.0
2008	24	-103.3	-447.0	167.6	103.0	103.5	0.0	0.0	0.0
2009	17	-89.8	-452.3	124.9	103.9	103.9	0.0	0.0	0.0
2010	26	-102.1	-470.6	112.0	104.6	103.3	0.0	0.0	0.0
2011	18	-78.3	-428.8	130.8	104.7	103.6	0.0	0.0	0.0
2012	15	-90.8	-420.6	143.2	103.7	103.5	0.0	0.0	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1999	13	80.3	105.3	122.7	78.9	59.8	55.9
2000	23	80.0	105.1	123.0	64.3	49.3	45.4
2001	17	80.8	105.2	122.7	79.1	62.5	57.6
2002	14	80.4	105.6	122.6	113.4	87.6	81.9
2003	20	80.2	105.7	122.3	90.9	70.5	65.7
2004	24	79.9	105.2	123.0	98.7	77.2	71.5
2005	25	81.1	105.1	122.0	95.8	74.2	68.2
2006	26	79.9	105.7	123.2	96.3	74.3	68.7
2007	22	81.4	105.6	121.8	109.6	83.4	76.0
2008	12	82.0	104.6	121.1	113.5	86.6	80.8
2009	10	80.1	104.7	122.8	79.4	61.1	56.2
2010	16	79.9	104.7	123.2	93.3	70.9	66.0

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	11	104.8	126.9	101.2	115.6	108.8	107.1	99.7	102.3	120.2	108.2	104.0
2005	12	103.7	126.0	101.1	115.2	106.8	107.1	98.8	102.3	118.5	107.5	103.2
2006	18	104.0	123.9	100.8	115.1	106.6	106.7	99.7	101.7	117.6	107.4	103.5
2008	10	103.4	124.4	101.8	114.8	106.1	107.3	99.3	101.0	117.6	108.2	102.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	19	-1456.7	-3520.8	-287.7	-196.4
2002	15	-1265.0	-2452.4	-247.1	-174.0
2003	30	-1449.8	-3140.0	-286.6	-196.4
2004	30	-1314.6	-3071.7	-255.7	-179.5
2005	33	-1245.8	-2518.7	-257.2	-163.8
2006	37	-1379.3	-2988.4	-279.3	-183.6
2007	24	-1252.1	-2290.3	-256.3	-166.5
2008	21	-1276.8	-2707.0	-263.3	-167.7
2009	15	-1600.1	-4066.5	-321.2	-212.1
2010	22	-1696.0	-4591.4	-339.8	-224.3
2011	17	-1430.3	-3285.8	-290.5	-189.1
2012	12	-1395.3	-3497.1	-288.9	-180.6

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1996	13	99.5	95.3	0	0.0	0	0.0
1998	15	96.7	94.6	0	0.0	0	0.0
1999	16	96.7	94.8	0	0.0	0	0.0
2000	24	96.6	94.3	0	0.0	0	0.0
2001	21	96.6	94.1	0	0.0	0	0.0
2002	15	100.0	97.0	0	0.0	0	0.0
2003	33	98.7	94.9	0	0.0	0	0.0

2004	32	97.5	95.2	0	0.0	0	0.0
2005	38	98.1	95.7	0	0.0	0	0.0
2006	42	97.4	95.0	0	0.0	0	0.0
2007	27	98.0	95.0	0	0.0	0	0.0
2008	24	97.5	96.0	0	0.0	0	0.0
2009	17	97.2	95.8	0	0.0	0	0.0
2010	26	97.5	95.9	0	0.0	0	0.0
2011	18	98.2	96.7	0	0.0	0	0.0
2012	15	98.1	96.9	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	-657.5	-32.8	-35.4	-39.5	-5.2	-18.8	-16.3	-225.8
1997	12	-707.2	-32.8	-35.9	-41.8	-1.3	-17.2	-16.4	-228.8
1999	11	-600.5	-36.5	-33.5	-37.1	-16.4	-19.5	-16.4	-225.4
2000	13	-759.1	-41.8	-39.8	-44.3	-13.5	-20.6	-16.8	-264.5
2001	18	-466.8	-35.6	-30.5	-30.9	-23.3	-21.5	-16.1	-209.2
2002	17	-735.4	-42.1	-38.6	-41.9	-16.1	-19.8	-14.1	-259.1
2003	14	-505.8	-32.8	-29.8	-21.2	-16.9	-18.8	3.6	-197.4
2004	21	-558.2	-33.8	-32.0	-20.0	-15.1	-18.7	9.8	-208.1
2005	33	-631.2	-39.8	-34.3	-25.8	-19.8	-18.4	5.8	-232.1
2006	28	-643.1	-35.6	-33.9	-29.2	-11.1	-17.2	0.4	-222.8
2007	21	-414.0	-30.7	-28.2	-18.0	-19.5	-21.0	1.9	-185.5
2008	19	-441.4	-30.8	-29.5	-16.3	-16.7	-21.2	6.6	-190.4
2009	22	-601.5	-37.0	-33.8	-24.0	-16.9	-19.1	7.0	-223.4
2010	20	-603.0	-41.1	-32.9	-30.1	-23.8	-17.8	-4.0	-230.2
2011	13	-577.7	-37.2	-31.5	-29.9	-20.1	-17.5	-5.3	-216.6
2012	22	-467.9	-31.6	-27.3	-19.7	-16.6	-15.9	3.0	-184.4
2013	13	-496.5	-35.7	-30.9	-21.9	-22.3	-21.1	1.9	-208.3

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
1993	13	103.7	103.7	105.2	104.9	103.2	105.1	94.0	105.2
1997	12	103.1	103.8	104.4	104.9	102.7	104.5	95.0	104.9
1999	11	103.4	104.4	105.3	105.2	103.5	104.9	95.2	105.5
2000	13	103.7	105.4	105.8	106.6	104.0	105.2	95.7	106.4
2001	19	103.2	103.4	104.2	104.4	102.9	105.1	95.9	104.5
2002	19	103.3	103.8	104.4	104.8	102.7	104.9	95.5	104.9
2003	14	103.6	103.6	104.6	104.8	103.2	105.3	96.2	104.9
2004	21	102.8	103.8	104.0	104.8	102.5	104.2	95.6	104.6
2005	35	103.3	103.0	103.7	104.1	102.7	104.6	95.5	104.1
2006	30	103.3	103.7	104.4	104.9	103.0	104.9	96.2	105.0
2007	23	103.0	103.1	103.8	104.2	102.9	104.0	95.8	104.2
2008	25	103.7	102.3	103.8	103.6	102.6	104.4	94.4	103.9
2009	24	103.2	103.0	104.1	104.0	102.7	104.3	94.9	104.3
2010	27	103.9	102.3	103.9	103.6	103.0	104.6	94.0	103.9
2011	18	103.7	102.3	103.6	103.5	102.8	104.4	94.6	103.8
2012	26	104.1	101.9	103.8	103.4	103.0	104.4	94.2	103.8
2013	19	103.6	102.6	103.6	103.7	102.9	104.7	94.9	103.9
2014	14	102.8	102.6	103.3	103.8	102.1	103.9	94.8	103.9

Tabel: 238 Witrood: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1993	13	-81.7	-225.8	165.0	103.5	105.2	95.9	92.3	0.0
1997	12	-78.8	-228.8	201.2	102.8	104.9	96.8	91.2	0.0
1999	11	-74.3	-225.4	154.8	102.8	105.5	97.8	92.6	0.0
2000	13	-66.0	-264.5	152.2	102.5	106.4	98.2	93.8	0.0
2001	18	-66.3	-209.2	207.1	102.0	104.5	97.0	94.5	0.0
2002	17	-101.4	-259.1	214.4	100.4	104.9	95.0	93.5	0.0
2003	14	-64.8	-197.4	200.1	100.1	104.9	97.5	90.8	0.0
2004	21	-70.3	-208.1	193.1	101.0	104.6	96.0	91.0	0.0
2005	33	-75.0	-232.1	171.7	101.5	104.1	97.3	96.0	0.0
2006	28	-81.2	-222.8	195.5	100.1	105.0	97.0	95.0	0.0
2007	21	-75.2	-185.5	202.9	100.6	104.2	0.0	0.0	0.0
2008	19	-61.3	-190.4	208.0	100.9	103.9	0.0	0.0	0.0
2009	22	-62.2	-223.4	206.4	101.3	104.3	100.0	97.0	0.0
2010	20	-76.0	-230.2	206.9	101.0	103.9	0.0	0.0	0.0
2011	13	-69.3	-216.6	204.2	100.2	103.8	0.0	0.0	0.0
2012	22	-48.7	-184.4	211.2	102.2	103.8	0.0	0.0	0.0
2013	13	-65.1	-208.3	197.1	101.9	103.9	0.0	0.0	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1993	13	88.5	104.2	119.7	97.4	88.2	87.9
2004	10	86.2	103.6	122.0	106.4	96.1	98.3
2005	16	88.1	103.6	119.6	105.9	95.4	96.2
2006	14	87.2	102.8	120.8	107.0	95.6	96.4
2007	13	89.0	103.5	119.2	89.9	81.7	82.0

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	15	100.6	105.9	98.9	108.5	100.5	106.3	99.6	102.3	97.1	106.4	93.8
2005	23	100.9	105.4	98.6	108.1	101.8	105.1	99.5	102.1	98.3	105.7	94.1
2006	22	100.5	104.8	97.3	108.9	99.5	105.3	99.9	102.6	96.0	105.5	93.7
2007	16	97.6	104.0	98.2	108.1	98.5	105.8	97.2	100.5	96.0	106.8	90.4
2008	18	99.3	103.9	98.6	109.0	97.6	105.7	99.6	101.1	93.6	105.8	93.3
2009	16	99.2	103.2	98.0	107.9	97.8	105.1	99.3	101.4	93.7	105.3	92.8
2010	19	98.4	104.0	98.1	107.2	98.7	105.6	98.1	101.5	94.6	105.9	90.7
2011	11	98.7	103.1	99.1	106.6	98.5	105.2	98.5	101.5	94.1	105.7	91.2
2012	12	97.7	102.7	99.0	106.9	96.8	105.4	97.9	100.9	94.0	105.4	91.7

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	14	-29.6	2227.7	-20.9	-3.9
2002	16	-151.4	1423.6	-28.9	-26.8
2003	11	6.6	2124.4	-18.6	3.9
2004	19	-80.1	1499.6	-14.7	-17.3
2005	31	-297.0	883.4	-64.8	-42.2
2006	26	-96.9	1427.7	-19.2	-18.7
2007	20	48.1	2381.2	1.8	2.8
2008	18	59.3	2467.9	4.0	3.9
2009	21	-86.0	1746.2	-21.8	-15.6
2010	19	-149.1	1574.5	-49.8	-16.1
2011	12	-71.7	1662.5	-27.1	-9.1
2012	21	142.1	2580.4	7.3	22.0
2013	12	-130.4	1852.7	-42.6	-16.2

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1993	13	100.4	95.5	13	-1.6	0	0.0
1997	12	98.8	95.7	12	-1.7	0	0.0
1999	11	98.5	96.7	11	-1.8	0	0.0
2000	13	97.8	96.5	13	-2.1	0	0.0
2001	18	99.4	96.3	18	-1.3	1	101.0
2002	17	96.2	95.8	17	-1.5	2	103.0
2003	14	97.4	96.3	14	-1.2	3	99.0
2004	21	98.6	96.8	21	-1.1	2	99.0
2005	33	99.6	96.8	33	-1.5	3	100.7
2006	28	98.0	95.7	28	-1.3	2	104.0
2007	21	99.6	96.0	21	-0.9	0	0.0
2008	19	100.7	95.8	19	-1.0	0	0.0
2009	22	99.7	96.0	22	-1.4	1	102.0
2010	20	100.2	95.7	20	-1.5	0	0.0
2011	13	98.6	95.3	13	-1.6	0	0.0
2012	22	99.8	96.0	22	-1.3	0	0.0
2013	13	99.1	96.1	13	-1.4	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	-2197.8	-109.4	-87.1	-110.0	-27.0	-13.9	-21.1	-620.1
1981	14	-2298.8	-115.2	-88.9	-114.5	-31.5	-9.6	-21.5	-640.6
1982	28	-2402.8	-120.8	-93.7	-119.2	-34.9	-12.5	-21.8	-673.6
1983	27	-2317.3	-118.1	-92.5	-115.3	-36.6	-16.9	-21.4	-661.9
1984	28	-2347.7	-120.0	-93.0	-116.8	-38.0	-15.7	-21.6	-668.5
1985	34	-2310.6	-116.4	-91.5	-115.0	-33.6	-15.5	-21.2	-654.1
1986	32	-2226.0	-114.7	-88.7	-111.1	-37.2	-15.6	-20.8	-637.8
1987	48	-2298.4	-117.4	-90.7	-114.4	-37.1	-14.4	-21.2	-652.8
1988	47	-2323.9	-122.5	-92.2	-115.7	-46.7	-15.7	-21.5	-670.0
1989	38	-2216.9	-112.8	-86.8	-110.7	-34.0	-11.8	-20.8	-626.0
1990	41	-2105.1	-112.2	-84.0	-105.6	-43.3	-14.4	-20.4	-611.5
1991	23	-2039.6	-108.3	-81.8	-102.6	-40.0	-14.6	-20.1	-593.6
1993	14	-2242.8	-118.0	-88.6	-111.9	-43.7	-14.4	-21.1	-644.9
1994	21	-1920.6	-106.4	-79.4	-97.1	-46.6	-18.7	-19.5	-578.2

1995	27	-1755.0	-97.4	-73.0	-89.6	-41.7	-17.5	-19.1	-530.7
1996	19	-1713.2	-96.7	-70.9	-87.8	-44.5	-16.4	-19.4	-520.1
1997	24	-1775.4	-97.8	-73.2	-90.6	-40.7	-16.6	-19.5	-532.9
1998	13	-1390.6	-86.4	-61.5	-73.1	-49.1	-20.8	-18.2	-455.8
1999	16	-1646.7	-96.8	-69.1	-84.8	-49.6	-17.0	-19.1	-512.1
2000	19	-1664.9	-98.1	-71.2	-85.5	-51.1	-20.7	-18.9	-523.4
2001	11	-1482.2	-87.6	-63.9	-77.2	-44.6	-18.2	-18.5	-469.5
2002	15	-1421.2	-83.6	-63.7	-74.0	-40.7	-22.1	-17.5	-459.1
2003	13	-1493.7	-90.3	-63.0	-77.1	-49.5	-15.9	-17.0	-471.0
2004	17	-1488.4	-87.1	-62.5	-75.4	-43.1	-14.7	-13.9	-461.7
2005	10	-1332.6	-85.2	-58.4	-69.5	-52.7	-17.8	-15.9	-439.2
2008	15	-1349.1	-84.6	-60.3	-67.6	-50.3	-20.3	-9.9	-444.9

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	108.5	93.8	105.9	114.5	87.5	92.9	98.3
1989	26	107.1	93.2	104.5	113.0	87.5	93.0	97.8
1990	15	109.4	93.9	105.8	114.9	87.9	94.1	98.5
1991	17	108.0	93.5	105.1	114.2	87.4	92.7	98.0
1992	10	108.2	93.3	104.7	113.8	87.4	94.3	97.8
1994	15	107.4	93.5	104.3	113.3	87.7	93.0	98.2
1995	18	107.6	93.3	105.1	113.9	87.5	93.1	97.8
1997	13	108.0	93.6	105.0	113.8	88.4	94.9	98.9
1998	16	108.0	93.6	105.2	114.1	87.4	93.8	98.1
1999	13	108.1	93.3	105.5	114.8	87.2	93.1	98.6
2000	12	109.0	93.9	106.2	115.4	87.2	92.9	99.2
2001	13	107.8	93.5	105.1	114.4	87.2	92.2	98.6

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

Jaar	Aantal	BA	BZ	KH	BG
1988	10	99.3	102.0	93.3	100.1
1989	26	98.5	101.8	92.3	99.1
1990	15	99.5	102.6	93.7	100.3
1991	17	99.2	102.1	92.5	99.9
1992	10	98.0	102.9	92.2	98.8
1994	15	98.3	102.4	92.2	99.1
1995	18	98.8	102.3	92.6	99.6
1997	13	97.6	102.8	93.0	98.9
1998	16	98.1	102.8	92.1	98.9
1999	13	99.2	102.5	92.4	100.0
2000	12	98.8	102.8	92.6	99.5
2001	13	98.2	102.0	92.3	99.0

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
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1988	10	108.4	106.1	99.7	108.1	112.1	106.1	104.9
1989	26	108.0	105.2	99.7	107.5	110.7	105.1	104.0
1990	15	109.7	107.1	100.4	109.2	112.2	106.5	105.5
1991	17	109.1	106.2	99.6	108.4	111.7	105.9	104.9
1992	10	108.4	105.5	100.0	108.0	111.2	105.3	104.4
1994	15	108.4	105.5	99.9	107.7	111.3	105.0	103.9
1995	18	108.8	106.3	98.9	108.1	111.4	106.1	104.9
1997	13	109.4	106.2	99.5	108.6	112.0	105.7	104.9
1998	16	108.2	106.0	99.6	107.8	111.1	105.5	104.6
1999	13	109.5	106.8	98.8	108.5	112.8	105.9	105.0
2000	12	109.1	107.1	98.7	108.3	112.4	106.2	105.7
2001	13	108.8	105.8	99.2	107.7	112.2	105.4	104.3

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1988	10	94.6	99.9	111.5	98.9	92.5	104.0
1989	26	94.1	99.1	110.5	97.8	92.6	102.5
1990	15	95.5	100.6	112.4	99.2	92.9	104.9
1991	17	94.2	99.7	111.6	98.6	92.3	103.6
1992	10	95.0	99.6	110.9	97.5	92.4	103.0
1994	15	94.3	99.7	110.9	97.5	92.9	102.7
1995	18	94.2	99.4	111.3	98.2	92.2	103.2
1997	13	95.8	100.5	111.9	97.3	93.3	103.8
1998	16	94.9	99.5	110.8	97.3	92.4	102.8
1999	13	94.8	99.9	112.2	98.6	91.8	104.1
2000	12	95.2	100.5	111.7	98.2	92.2	103.8
2001	13	94.4	99.8	111.4	97.7	92.0	103.2

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	29	97.2	104.0	100.9	102.5	98.2	99.9	112.0	101.8
1981	32	97.5	104.6	101.3	103.0	98.8	99.5	113.1	102.3
1982	56	97.1	103.4	100.2	101.9	98.0	99.2	111.7	101.2
1983	80	97.3	104.1	101.2	102.7	98.6	99.7	112.7	102.0
1984	87	96.8	103.9	100.5	102.3	97.9	99.6	113.7	101.5
1985	108	97.5	103.9	101.2	102.7	98.6	100.1	113.4	102.1
1986	147	97.8	103.9	101.6	102.8	99.0	100.5	113.1	102.4
1987	201	97.9	103.2	101.2	102.2	98.9	100.7	112.6	101.9
1988	268	98.2	103.0	101.9	102.3	99.4	101.4	113.5	102.3
1989	409	98.1	103.2	101.7	102.4	99.3	100.9	113.5	102.2
1990	501	97.8	102.8	101.1	102.0	99.0	101.0	113.1	101.6
1991	617	97.6	102.8	101.0	101.8	98.7	100.5	112.6	101.5
1992	713	97.7	102.6	100.6	101.5	98.7	100.3	110.6	101.2
1993	757	97.6	102.4	100.3	101.2	98.4	100.0	110.2	100.8
1994	821	97.7	102.1	100.0	100.9	98.4	99.8	108.6	100.5
1995	907	98.0	101.9	99.9	100.7	98.6	99.8	108.0	100.3
1996	895	98.2	101.6	99.9	100.6	98.7	99.7	107.0	100.3
1997	998	98.3	101.6	99.9	100.6	98.8	99.7	106.8	100.3
1998	1116	98.7	101.4	100.0	100.5	99.1	99.6	105.8	100.3
1999	1128	98.6	101.5	100.0	100.6	99.2	99.7	105.5	100.3
2000	1303	98.7	101.3	99.8	100.4	99.2	99.6	104.0	100.1
2001	1280	98.9	101.2	99.8	100.4	99.4	99.4	103.4	100.1

2002	1329	99.2	101.1	100.0	100.4	99.6	99.4	102.2	100.2
2003	1405	99.4	100.9	99.9	100.3	99.7	99.3	101.5	100.1
2004	1490	99.6	100.5	99.8	100.0	99.7	99.0	100.2	99.9
2005	1611	99.8	100.4	99.8	99.9	99.8	99.0	99.6	99.8
2006	1686	100.1	100.2	99.8	99.8	99.9	99.0	98.6	99.8
2007	1652	100.3	100.0	99.8	99.7	100.1	99.1	97.9	99.7
2008	1685	100.5	99.9	99.8	99.6	100.2	99.3	97.8	99.7
2009	1545	100.8	99.7	100.0	99.6	100.4	99.6	98.1	99.7
2010	1543	100.8	99.5	100.0	99.4	100.4	100.0	98.6	99.7
2011	1480	101.2	99.1	100.0	99.1	100.6	100.5	98.1	99.5
2012	1410	101.7	98.8	100.1	99.1	100.9	101.0	98.3	99.6
2013	1256	102.2	98.4	100.1	98.9	101.1	101.5	98.3	99.5
2014	1102	102.4	98.2	100.1	98.8	101.2	101.7	98.1	99.4
2015	783	102.4	98.0	100.0	98.6	101.2	102.0	98.2	99.2
2016	507	102.7	97.7	100.0	98.4	101.4	102.1	98.2	99.1

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	-219.8	-640.6	-1016.0	103.1	102.3	110.0	96.0	0.0
1982	24	-222.5	-673.6	0.0	103.6	101.2	111.0	99.0	0.0
1983	23	-235.5	-661.9	-692.5	103.0	102.0	108.5	96.0	0.0
1984	26	-231.7	-668.5	0.0	103.7	101.5	0.0	0.0	0.0
1985	30	-229.3	-654.1	0.0	104.1	102.1	0.0	0.0	0.0
1986	30	-215.6	-637.8	-456.5	103.1	102.4	109.0	97.2	0.0
1987	46	-216.5	-652.8	0.0	104.0	101.9	111.2	98.3	0.0
1988	45	-220.6	-670.0	205.0	103.8	102.3	111.5	98.9	94.0
1989	37	-184.1	-626.0	-207.0	103.7	102.2	110.5	97.8	0.0
1990	40	-180.3	-611.5	-129.5	104.0	101.6	112.4	99.2	0.0
1991	22	-178.9	-593.6	0.0	103.6	101.5	111.6	98.6	0.0
1993	12	-215.7	-644.9	216.0	103.6	100.8	110.6	97.6	0.0
1994	17	-189.2	-578.2	211.0	103.5	100.5	110.9	97.5	0.0
1995	23	-174.2	-530.7	232.0	103.5	100.3	111.3	98.2	94.0
1996	17	-182.3	-520.1	196.0	103.7	100.3	110.7	97.3	97.7
1997	21	-179.7	-532.9	263.0	103.5	100.3	111.9	97.3	97.3
1998	12	-154.3	-455.8	169.0	103.5	100.3	110.8	97.3	97.8
1999	15	-173.1	-512.1	232.0	103.4	100.3	112.2	98.6	97.1
2000	16	-175.1	-523.4	198.2	103.5	100.1	111.7	98.2	97.2
2001	11	-147.2	-469.5	185.4	103.1	100.1	111.4	97.7	97.4
2002	14	-178.8	-459.1	208.4	102.8	100.2	112.6	98.8	97.7
2003	12	-158.8	-471.0	195.0	103.1	100.1	112.0	97.7	97.0
2004	17	-149.1	-461.7	213.9	103.1	99.9	112.0	99.5	98.0
2005	10	-144.7	-439.2	198.0	103.4	99.8	111.4	98.6	97.5
2008	14	-145.1	-444.9	235.5	102.7	99.7	111.3	97.3	98.5

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1987	19	90.6	0.0	90.6	0.0	90.7	0.0
1988	27	90.1	3.5	90.1	3.5	89.7	3.5
1989	44	90.4	0.0	90.4	0.0	90.7	0.0
1990	42	90.6	0.0	90.6	0.0	91.1	0.0
1991	37	90.3	0.0	90.3	0.0	90.5	0.0
1992	49	90.7	0.0	90.7	0.0	91.2	0.0

1993	29	90.7	0.0	90.7	0.0	90.8	0.0
1994	48	91.0	0.0	91.0	0.0	91.1	0.0
1995	39	90.8	4.9	90.8	4.9	91.2	4.9
1996	34	90.9	0.0	90.9	0.0	91.2	0.0
1997	32	91.2	0.0	91.2	0.0	91.8	0.0
1998	32	91.3	0.0	91.3	0.0	91.9	0.0
1999	42	90.9	0.0	90.9	0.0	91.5	0.0
2000	60	90.9	0.0	90.9	0.0	91.6	0.0
2001	44	91.2	0.0	91.2	0.0	91.6	0.0
2002	28	91.2	0.0	91.2	0.0	91.6	0.0
2003	25	90.7	0.0	90.7	0.0	90.7	0.0
2004	29	90.8	0.0	90.8	0.0	91.7	0.0
2005	19	91.7	0.0	91.7	0.0	92.4	0.0
2006	25	91.9	0.0	91.9	0.0	92.5	0.0
2007	20	92.3	0.0	92.3	0.0	93.1	0.0
2008	12	91.7	7.9	91.7	7.9	92.4	7.9
2009	15	92.4	6.3	92.4	6.3	93.3	6.4
2010	20	90.6	0.0	90.6	0.0	91.0	0.0
2011	15	90.9	0.0	90.9	0.0	91.5	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12	103.0	100.2	97.8	8.2	8.8	8.3
1981	10	103.2	100.6	98.5	30.0	31.7	31.3
1982	37	104.2	100.4	97.1	27.8	27.6	26.8
1983	40	103.7	99.5	96.7	38.4	39.3	38.0
1984	44	103.0	99.9	98.4	35.0	34.3	33.3
1985	51	103.8	99.5	97.2	33.9	34.0	33.2
1986	64	103.5	99.4	98.0	51.7	51.4	50.4
1987	104	102.8	100.2	98.6	56.9	56.9	55.3
1988	121	109.0	99.8	94.8	71.8	74.6	74.1
1989	164	107.8	99.5	95.0	81.0	83.3	81.4
1990	202	106.5	99.4	95.9	70.6	73.0	71.5
1991	175	107.3	99.2	95.1	70.5	72.3	70.8
1992	197	105.3	99.4	95.8	77.1	78.8	78.0
1993	216	105.4	99.4	96.2	66.1	67.5	67.1
1994	254	104.9	99.2	96.4	80.9	82.6	81.9
1995	274	104.7	99.1	96.1	75.6	77.0	76.6
1996	288	104.4	99.0	96.4	80.3	81.4	81.6
1997	325	103.8	99.3	96.3	77.1	78.2	78.6
1998	396	104.6	98.5	96.2	79.9	80.5	80.4
1999	438	104.0	98.7	96.4	84.1	84.7	84.3
2000	509	103.8	98.7	96.5	89.6	90.5	90.1
2001	481	103.9	98.7	97.0	91.7	92.2	91.1
2002	577	103.3	98.6	97.6	91.3	91.3	90.0
2003	675	103.8	98.4	97.5	96.6	96.4	94.8
2004	865	102.8	98.7	98.5	96.8	96.4	95.2
2005	990	102.3	98.8	99.2	97.7	97.4	95.9
2006	1048	102.4	98.6	99.2	98.1	97.2	95.4
2007	1373	102.0	98.8	99.0	99.5	98.5	97.5
2008	1376	101.6	98.6	99.6	99.8	98.2	96.9
2009	1289	101.8	98.9	99.0	99.5	98.2	97.2
2010	1309	102.0	98.9	98.7	98.8	98.7	98.4
2011	1253	101.5	99.3	99.4	99.5	99.1	98.9
2012	1187	100.6	99.5	100.1	100.4	99.6	99.1
2013	1026	100.7	99.0	99.7	100.4	99.8	99.7
2014	962	100.4	99.0	100.4	100.4	99.8	99.5
2015	808	100.8	99.1	100.0	100.6	99.7	100.6

2016	652	101.4	99.1	99.6	100.3	99.7	100.7
2017	568	100.6	99.0	100.2	99.8	99.4	100.3
2018	469	100.7	99.0	100.6	98.0	97.3	98.5

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	95.5	93.5	97.6	97.1	96.6	100.7	100.3	98.0	95.5	99.5	95.9
1981	10	95.9	87.6	96.9	96.1	90.5	98.7	101.9	100.3	91.3	98.2	97.4
1982	21	94.1	90.2	97.2	97.0	92.1	100.9	99.2	99.6	93.2	98.8	96.3
1983	30	93.1	85.8	97.5	92.7	91.3	99.2	99.6	97.6	90.5	98.2	93.8
1984	36	94.2	85.3	96.9	93.5	91.8	99.3	100.2	98.8	91.5	98.5	96.1
1985	32	94.2	87.4	97.3	95.0	91.4	99.5	100.2	98.6	91.6	98.7	95.9
1986	55	94.5	85.8	97.3	93.2	91.5	99.7	100.1	99.3	91.8	98.8	96.9
1987	92	94.2	87.7	97.3	94.5	91.8	100.1	99.5	99.2	93.1	99.2	96.4
1988	108	94.9	88.1	97.7	94.7	92.8	101.0	100.1	99.1	93.6	99.5	97.1
1989	180	94.7	86.8	97.5	94.6	92.2	99.2	99.8	100.0	92.8	99.8	96.5
1990	227	95.1	88.7	97.8	95.6	93.6	99.9	99.7	100.4	93.9	100.2	96.5
1991	238	94.9	87.2	97.7	94.4	92.7	99.9	100.3	99.6	92.7	99.8	95.5
1992	312	95.3	88.7	98.0	95.1	93.7	99.8	100.3	99.7	93.8	100.0	96.1
1993	368	94.9	87.8	98.4	93.9	93.8	99.7	99.8	99.5	93.9	100.1	95.5
1994	422	95.3	88.7	98.3	94.4	93.9	99.6	100.1	99.9	94.3	100.0	95.6
1995	464	95.3	88.9	98.6	94.4	94.3	99.9	100.0	99.8	94.5	100.3	95.5
1996	464	95.5	89.3	98.9	94.3	94.6	99.9	100.0	100.1	94.8	100.5	95.3
1997	495	95.8	90.2	99.1	94.5	95.0	100.0	100.2	100.3	95.7	100.6	95.5
1998	579	95.5	90.7	99.1	94.9	95.0	100.3	99.7	100.3	95.9	100.7	95.1
1999	602	95.7	90.7	99.3	94.3	95.5	99.9	99.8	100.3	96.2	100.5	95.0
2000	728	96.1	92.0	99.5	94.9	96.4	99.8	100.2	100.3	96.7	100.7	94.9
2001	707	96.5	91.6	99.8	94.6	96.2	99.5	100.5	100.6	96.8	101.0	94.9
2002	795	96.2	92.5	99.8	95.3	96.5	99.7	100.2	100.5	97.1	100.9	94.8
2003	857	96.4	92.1	99.8	94.8	96.5	99.5	100.2	100.9	97.1	100.8	94.8
2004	929	96.6	93.8	100.3	95.5	97.1	99.7	100.1	101.0	97.8	100.9	94.8
2005	990	96.4	94.1	100.6	95.5	97.1	99.7	100.0	100.7	98.0	100.8	94.9
2006	1030	95.9	93.7	100.7	95.2	96.1	99.6	99.6	100.9	97.7	100.8	94.1
2007	992	96.2	95.1	100.9	96.0	96.5	99.7	99.8	100.8	98.4	100.9	94.6
2008	909	96.4	95.8	101.0	96.4	96.1	99.5	100.1	100.9	98.7	100.9	95.0
2009	723	96.2	96.6	101.3	97.0	95.6	99.8	99.9	100.9	99.0	101.0	95.2
2010	566	95.8	96.6	101.2	97.1	94.8	99.7	99.6	100.8	98.9	100.7	95.5
2011	300	96.1	98.4	101.3	98.5	94.1	99.8	100.0	101.1	99.5	100.8	96.8
2012	170	96.2	98.4	101.7	98.1	94.1	100.0	99.7	101.7	99.7	100.8	96.3
2013	79	96.2	100.0	101.9	98.7	96.1	100.7	99.2	101.5	100.5	101.4	95.8
2014	37	96.6	99.7	102.5	98.1	94.1	99.5	100.4	101.5	100.9	100.9	96.6

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	101.2	94.9	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	28	101.6	95.9	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	97.7	0	0.0	0	0.0

1988	47	99.9	97.8	0	0.0	0	0.0
1989	38	100.4	98.9	0	0.0	0	0.0
1990	41	100.1	99.0	0	0.0	0	0.0
1991	23	99.8	98.9	0	0.0	0	0.0
1993	14	99.8	99.9	0	0.0	0	0.0
1994	21	99.6	98.8	0	0.0	0	0.0
1995	27	99.9	98.4	0	0.0	0	0.0
1996	19	100.4	99.3	0	0.0	0	0.0
1997	24	99.3	97.5	0	0.0	0	0.0
1998	13	99.7	99.6	0	0.0	0	0.0
1999	16	100.1	99.2	0	0.0	0	0.0
2000	19	99.6	97.4	0	0.0	0	0.0
2001	11	99.0	99.5	0	0.0	0	0.0
2002	15	98.5	96.6	0	0.0	0	0.0
2003	13	99.7	98.2	0	0.0	0	0.0
2004	17	98.8	97.6	0	0.0	0	0.0
2005	10	99.0	100.3	0	0.0	0	0.0
2008	15	100.2	98.4	0	0.0	0	0.0

Tabel: 254 British Friesian: Melkproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	27	-733.1	-25.3	-41.4	-43.1	13.3	-25.4	-16.4	-235.9
1981	29	-596.2	-22.0	-38.1	-36.8	8.3	-27.6	-16.2	-213.2
1985	10	-886.6	-34.3	-43.7	-50.1	9.3	-20.2	-16.9	-266.4

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	96.9	89.2	95.4	101.7	88.1	89.4	93.0
1981	66	97.5	89.1	95.8	101.8	87.5	87.8	94.3
1982	25	95.5	88.5	94.4	100.0	87.3	89.6	92.8

Tabel: 256 British Friesian: Exterieurkenmerken beenwerk

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	56	90.9	101.5	84.3	89.0
1981	66	91.2	101.4	84.0	89.5
1982	25	92.4	99.5	84.7	90.3

Tabel: 257 British Friesian: Exterieurkenmerken uier

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
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1980	56	101.8	97.6	98.2	103.6	101.9	98.7	95.6
1981	66	101.5	97.5	97.0	103.0	102.8	99.4	95.8
1982	25	100.2	98.2	96.9	101.8	101.8	98.9	95.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	56	85.5	89.5	103.2	86.6	91.0	88.7
1981	66	85.5	89.5	103.3	86.9	91.6	88.8
1982	25	85.0	87.4	101.8	87.7	91.9	88.1

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	78	100.8	102.2	103.4	102.0	101.7	103.5	95.9	102.9
1981	85	101.8	102.8	104.4	103.0	102.6	103.5	97.3	103.9
1982	36	101.9	102.8	104.8	103.2	102.8	103.5	96.5	104.1
1983	13	103.1	102.0	104.9	102.8	103.2	103.7	95.6	104.2
1985	15	103.8	102.3	105.3	103.2	103.7	104.1	95.5	104.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	10	94.6	78.4	99.5	104.2	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	-112.8	-235.9	74.1	104.5	102.9	103.2	86.6	98.5
1981	28	-91.8	-213.2	118.8	104.2	103.9	103.3	86.9	97.5
1985	10	-121.2	-266.4	-299.2	101.0	104.5	103.5	91.0	0.0

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	12	98.7	98.2	98.7	98.2	100.3	98.6

Tabel: 263 British Friesian: Geboortekkenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	93.5	100.3	104.2	78.4	80.8	78.4
1981	13	93.6	99.5	104.1	75.0	77.0	74.4

Tabel: 264 British Friesian: Vleeskenmerken
 Basis: Dubbeloel
 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	96.2	88.9	102.3	94.6	89.9	99.9	98.8	98.6	95.9	94.9	96.1

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	12	100.3	97.4	101.2

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	27	98.6	102.5	0	0.0	0	0.0
1981	29	98.6	99.8	0	0.0	0	0.0
1985	10	96.0	101.5	11	-4.1	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2004	17	-888.9	-45.8	-42.1	-43.5	-11.3	-16.6	-4.3	-281.8
2006	12	-887.6	-46.8	-39.6	-42.2	-13.2	-11.8	-2.2	-273.2
2007	19	-943.9	-50.9	-43.1	-45.5	-16.1	-14.8	-3.8	-297.3
2008	17	-730.1	-40.1	-36.8	-36.1	-13.7	-16.9	-3.8	-245.8
2009	15	-819.5	-42.9	-35.3	-39.4	-11.9	-9.2	-2.8	-246.8
2010	18	-679.3	-38.1	-33.7	-31.9	-13.6	-14.3	-0.8	-227.6
2011	20	-678.5	-40.6	-35.0	-31.9	-17.9	-17.1	-1.1	-238.3
2012	18	-490.1	-33.1	-29.7	-21.3	-18.8	-19.3	2.5	-197.7
2013	27	-420.7	-29.0	-26.9	-22.0	-16.6	-18.6	-4.4	-177.7
2014	22	-528.5	-28.7	-29.4	-25.3	-8.8	-16.6	-1.1	-188.1

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	12	103.2	100.6	102.8	102.0	102.2	101.5	86.7	102.8
2001	15	104.7	101.5	103.7	102.7	102.7	102.2	87.4	103.6
2002	25	104.3	100.8	103.0	102.0	102.5	102.0	86.7	102.9
2003	30	103.9	100.6	102.4	101.6	101.9	101.4	86.0	102.4
2004	62	103.4	100.8	102.9	102.0	102.3	101.8	85.8	102.7
2005	41	103.6	100.8	103.0	102.0	102.3	101.8	85.9	102.9
2006	61	103.2	100.6	102.6	101.7	102.0	101.5	85.7	102.4
2007	69	103.2	100.7	102.5	101.8	102.0	101.4	86.1	102.4
2008	88	103.6	100.9	102.9	102.0	102.2	101.6	86.2	102.7
2009	115	103.7	100.9	103.0	102.1	102.3	101.6	86.5	102.9
2010	125	103.4	100.6	102.7	101.8	102.2	101.6	85.9	102.6
2011	153	103.5	100.4	102.6	101.7	102.2	101.6	86.1	102.5
2012	145	103.6	100.0	102.4	101.3	102.1	101.7	86.4	102.1
2013	155	103.5	99.9	102.5	101.4	102.1	101.7	86.7	102.2
2014	143	103.7	100.3	102.8	101.7	102.3	101.9	86.8	102.6
2015	66	103.4	100.0	102.3	101.3	102.0	101.6	87.1	102.0
2016	24	103.0	100.2	102.2	101.4	101.7	101.2	86.8	102.1

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
2004	17	-84.2	-281.8	-97.4	101.7	102.7	0.0	0.0	99.3
2006	11	-116.5	-273.2	-324.8	101.3	102.4	0.0	0.0	99.1
2007	19	-104.8	-297.3	-216.2	102.3	102.4	0.0	0.0	99.0
2008	17	-79.9	-245.8	-162.4	101.0	102.7	0.0	0.0	99.4
2009	15	-77.7	-246.8	-175.8	101.1	102.9	0.0	0.0	99.4
2010	18	-65.5	-227.6	-116.1	100.9	102.6	0.0	0.0	99.6
2011	19	-75.1	-238.3	-123.6	100.6	102.5	0.0	0.0	99.3
2012	18	-53.4	-197.7	-65.2	101.3	102.1	0.0	0.0	99.2
2013	27	-53.2	-177.7	-39.2	99.8	102.2	0.0	0.0	99.3
2014	22	-48.2	-188.1	-17.5	101.0	102.6	0.0	0.0	99.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2004	21	97.3	100.3	97.3	100.3	98.7	99.2
2005	14	97.9	100.7	97.9	100.7	99.4	100.1
2006	25	97.2	100.4	97.2	100.4	98.8	99.0
2007	28	97.2	100.2	97.2	100.2	98.8	98.9
2008	39	97.3	100.5	97.3	100.5	98.7	99.0
2009	45	98.0	100.0	98.0	100.0	99.3	99.1
2010	61	98.1	100.3	98.1	100.3	99.5	99.3
2011	70	97.7	100.4	97.7	100.4	99.1	99.1
2012	81	98.2	100.2	98.2	100.2	99.6	99.2
2013	77	98.4	93.6	98.4	93.6	99.6	92.9
2014	84	98.1	94.2	98.1	94.2	99.4	93.3
2015	53	98.2	100.1	98.2	100.1	99.6	99.2
2016	65	98.4	84.7	98.4	84.7	99.8	84.1
2017	59	98.2	64.3	98.2	64.3	99.4	63.9

2018 66 98.0 53.0 98.0 53.0 99.3 52.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2000	10	99.6	104.0	99.6	49.6	44.5	47.6
2003	11	103.7	101.6	95.5	73.3	64.5	68.7
2004	24	105.1	102.3	94.2	62.4	56.8	59.4
2005	14	104.6	101.7	94.4	84.5	76.5	82.3
2006	25	102.4	102.9	96.8	72.1	65.0	67.4
2007	28	103.5	101.5	95.7	71.4	64.6	66.5
2008	41	103.1	101.2	96.1	77.6	70.3	73.7
2009	49	104.1	101.6	95.1	87.6	78.5	82.8
2010	46	103.9	101.3	95.3	86.6	77.7	81.3
2011	57	102.3	102.0	96.8	78.6	69.9	74.1
2012	66	101.7	103.0	97.7	81.7	73.4	78.3
2013	64	101.8	102.1	97.4	68.4	61.0	65.2
2014	69	103.9	100.6	95.2	73.8	65.1	69.2
2015	56	103.1	100.6	96.1	69.0	61.5	65.4
2016	59	104.7	99.7	94.5	70.5	62.8	67.0
2017	57	104.3	100.7	95.1	39.8	35.8	37.8
2018	49	104.1	100.2	95.3	38.4	33.9	36.4

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	99.2	108.0	97.0	99.8	104.8	100.1	96.3	97.3	113.8	92.9	104.4
2004	29	100.6	109.8	97.0	99.9	106.8	99.9	96.5	99.5	115.9	92.4	105.2
2005	19	100.3	110.6	98.8	99.2	107.9	101.1	95.6	99.1	117.3	93.8	105.0
2006	29	98.3	107.2	97.0	98.7	104.0	100.0	95.3	97.7	113.0	92.7	103.0
2007	26	97.8	107.4	96.6	98.3	104.4	100.2	94.7	97.0	113.5	92.7	102.6
2008	33	98.5	107.8	97.9	98.7	104.8	100.8	95.1	97.6	113.9	93.5	103.4
2009	20	99.5	109.4	98.2	98.8	106.7	100.3	95.6	97.8	115.8	93.7	104.0
2010	22	99.3	109.3	98.2	99.1	106.9	100.8	96.0	96.7	115.6	94.1	104.0
2011	12	100.0	108.8	97.3	99.2	106.4	99.7	96.2	98.2	115.2	92.8	104.5

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2003	12	107.4	101.4	99.7
2004	33	107.5	101.5	99.7
2005	29	107.3	101.4	100.0
2006	32	108.3	102.4	100.0
2007	40	108.1	102.3	100.1
2008	55	108.3	102.4	99.9
2009	57	107.9	102.0	100.0
2010	67	107.7	101.9	99.9
2011	72	108.1	102.2	99.9
2012	81	107.6	101.8	100.1

2013	97	106.9	101.1	100.0
2014	90	107.3	101.4	100.2
2015	52	107.1	101.4	100.0
2016	58	107.4	101.6	100.1
2017	51	107.3	101.5	100.2
2018	35	107.0	101.3	100.1

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	13	-2101.7	-6824.9	-370.5	-299.4
2007	12	-2685.2	-9152.6	-482.5	-376.3
2008	12	-2414.8	-8289.1	-434.7	-337.9
2009	16	-2312.4	-8002.7	-419.1	-322.3
2010	15	-2038.9	-6629.1	-373.7	-283.2
2011	16	-2051.9	-6636.6	-370.5	-288.0
2012	17	-1566.0	-4530.8	-285.2	-220.3
2013	15	-1250.3	-3333.4	-232.7	-174.3
2014	15	-1341.9	-4021.2	-241.7	-189.7

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
2004	17	100.4	101.1	17	-2.3	0	0.0
2006	12	101.7	100.2	12	-2.1	0	0.0
2007	19	101.5	99.1	19	-2.4	0	0.0
2008	17	101.9	99.5	17	-1.8	0	0.0
2009	15	101.9	100.5	15	-1.8	0	0.0
2010	18	101.5	100.2	18	-1.6	0	0.0
2011	20	101.0	99.5	20	-1.8	0	0.0
2012	18	101.6	100.4	18	-1.4	0	0.0
2013	27	100.4	99.2	27	-1.3	0	0.0
2014	22	100.5	99.3	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	10	-372.9	-24.1	-21.3	-26.8	-11.6	-12.2	-16.2	-146.0
1985	14	-89.2	-13.2	-11.9	-13.6	-13.9	-13.1	-15.2	-80.5
1986	15	-49.9	-9.7	-10.3	-12.0	-11.3	-13.1	-15.4	-66.5
1987	35	-192.0	-14.1	-15.1	-18.4	-8.4	-12.5	-15.5	-97.0
1988	29	-183.7	-18.2	-15.7	-18.0	-15.0	-13.9	-15.4	-107.9
1989	27	-452.6	-19.4	-24.3	-30.3	3.2	-11.7	-16.2	-149.4
1990	45	160.4	-4.5	-6.1	-2.3	-16.4	-17.5	-15.0	-35.1
1991	34	-47.9	-9.7	-13.1	-11.9	-10.6	-17.5	-15.3	-77.9
1992	35	189.2	-1.7	-7.0	-1.1	-14.0	-20.7	-14.9	-32.5
1993	42	301.8	-1.6	-4.5	4.0	-21.1	-22.8	-14.8	-20.8
1994	52	354.4	3.8	-0.8	6.6	-17.2	-20.3	-14.5	6.8
1995	78	307.9	9.8	-0.3	4.4	-5.1	-17.1	-14.7	20.8

1996	83	334.2	6.0	0.6	5.6	-12.3	-17.2	-14.6	16.5
1997	79	266.6	2.9	-3.2	2.5	-12.9	-19.3	-14.8	-6.5
1998	169	40.3	-6.5	-9.0	-7.8	-12.4	-16.0	-15.1	-52.9
1999	219	165.0	-3.0	-6.0	-2.2	-15.2	-18.1	-14.9	-31.6
2000	204	22.2	-9.8	-10.1	-8.6	-16.5	-16.8	-15.1	-64.7
2001	436	-45.0	-16.3	-12.4	-11.5	-22.2	-16.8	-14.9	-88.6
2002	500	-74.6	-16.6	-13.5	-13.2	-20.8	-16.8	-15.5	-94.3
2003	520	-64.3	-13.9	-12.6	-13.3	-16.9	-15.7	-16.4	-84.8
2004	429	216.1	-4.0	-4.0	-1.4	-20.1	-17.7	-17.4	-25.3
2005	879	207.5	-3.9	-4.3	-2.7	-19.5	-17.8	-18.7	-26.7
2006	554	326.0	1.1	0.2	3.7	-19.4	-17.1	-17.0	4.4
2007	470	379.7	2.6	3.4	6.9	-20.6	-15.3	-15.7	21.4
2008	589	352.7	0.5	1.2	5.2	-22.3	-17.2	-16.3	7.6
2009	488	419.3	6.1	4.0	8.2	-18.0	-16.5	-16.5	31.5
2010	705	507.2	7.7	5.6	12.4	-21.2	-18.7	-15.9	42.8
2011	615	610.3	11.9	9.7	16.1	-21.4	-17.9	-17.2	69.4
2012	719	831.0	21.7	17.7	27.2	-20.6	-17.4	-15.4	126.5
2013	748	933.9	26.7	21.8	31.7	-19.6	-16.8	-15.6	154.9
2014	768	1027.7	31.0	24.6	35.4	-19.1	-17.4	-16.1	176.6
2015	772	1134.1	35.8	28.2	39.4	-19.0	-17.7	-17.1	202.5
2016	329	1223.7	40.4	30.8	42.0	-18.0	-18.5	-18.9	223.7

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	11	103.8	102.9	100.6	98.9	102.5	97.9	94.0
1990	22	103.5	102.2	100.0	98.6	101.5	97.8	92.8
1992	15	105.1	102.9	100.3	99.1	102.3	98.9	93.1
1993	23	105.0	103.8	100.1	98.7	103.2	100.8	92.4
1994	28	103.9	104.3	100.3	98.0	103.4	100.0	92.1
1995	37	103.7	104.1	100.3	98.6	103.0	97.9	92.4
1996	28	104.4	103.3	100.2	99.0	102.9	98.1	92.9
1997	33	103.9	102.5	100.3	99.5	102.2	97.7	93.1
1998	31	102.8	101.3	100.2	99.9	100.5	96.7	93.0
1999	51	103.8	102.1	100.3	99.9	101.3	97.5	93.2
2000	27	103.3	102.9	100.2	98.7	102.8	98.4	92.8
2001	56	103.7	102.5	98.9	98.1	101.9	98.9	93.1
2002	61	102.9	101.2	97.5	97.4	101.3	98.9	92.7
2003	66	104.5	102.3	98.9	98.3	102.0	99.9	93.4
2004	48	102.8	102.3	99.2	98.4	101.8	98.4	92.2
2005	94	104.1	102.7	98.8	97.9	102.3	100.5	92.8
2006	52	103.7	103.0	99.7	98.3	102.4	99.8	92.3
2007	42	103.9	103.7	100.4	98.6	103.0	99.1	93.6
2008	49	103.1	102.2	99.9	98.8	101.8	98.9	92.5
2009	37	102.9	102.6	99.9	98.4	102.1	98.7	91.9
2010	45	103.6	102.8	99.8	98.5	102.6	99.4	92.3
2011	25	103.5	102.6	99.1	97.9	102.9	99.8	91.9
2012	18	104.2	103.8	101.0	99.2	104.2	100.6	92.6
2013	36	106.4	103.5	101.6	100.2	103.6	100.0	92.9
2014	20	104.8	103.5	101.5	99.6	103.3	100.4	93.0
2015	17	107.5	104.9	103.4	102.1	103.1	101.4	95.2

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

Jaar	Aantal	BA	BZ	KH	BG
1989	11	98.5	96.1	102.3	99.2
1990	22	99.2	95.1	103.8	98.8
1992	15	100.3	95.5	105.2	99.7
1993	23	101.9	94.7	106.9	101.1
1994	28	101.6	94.5	106.1	100.7
1995	37	99.9	94.9	105.9	99.5
1996	28	101.0	95.4	106.0	100.1
1997	33	100.3	95.7	105.1	99.4
1998	31	101.2	95.1	103.8	100.4
1999	51	100.8	95.4	104.5	100.1
2000	27	102.0	94.7	105.5	101.0
2001	56	100.4	94.0	105.5	99.8
2002	61	99.2	93.1	104.2	98.2
2003	66	99.2	94.2	104.5	98.7
2004	48	100.1	93.6	105.5	99.5
2005	94	99.9	94.3	105.1	99.5
2006	52	100.4	94.9	105.2	99.8
2007	42	100.9	94.7	106.0	100.6
2008	49	101.2	94.3	105.5	100.4
2009	37	101.0	94.4	105.2	100.4
2010	45	101.3	94.4	106.2	100.5
2011	25	101.1	94.4	106.6	100.4
2012	18	102.0	94.4	108.5	100.9
2013	36	101.7	95.9	106.5	100.9
2014	20	101.3	96.3	106.5	100.8
2015	17	101.9	96.6	106.2	101.5

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1989	11	100.1	99.5	99.8	100.9	94.0	97.9	97.1
1990	22	99.1	98.6	99.2	99.5	93.0	97.0	95.9
1992	15	98.9	99.3	99.4	99.9	93.2	97.2	96.3
1993	23	98.7	98.1	99.1	98.9	92.1	96.7	95.9
1994	28	98.0	97.7	99.5	98.0	91.6	96.6	95.5
1995	37	99.4	98.9	97.9	99.1	92.6	97.3	96.0
1996	28	100.9	100.6	98.2	100.6	94.0	98.2	97.2
1997	33	100.5	100.5	97.8	100.3	94.4	98.1	97.3
1998	31	99.5	99.9	99.1	99.3	95.3	98.6	97.3
1999	51	99.6	100.2	98.9	99.4	94.6	98.5	97.5
2000	27	99.1	99.8	100.2	99.3	93.7	98.7	97.6
2001	56	99.6	99.1	100.3	100.1	94.2	98.6	97.3
2002	61	99.7	98.9	99.5	100.6	94.4	97.4	96.2
2003	66	99.6	98.8	100.1	100.1	94.1	97.3	96.2
2004	48	99.9	99.7	99.3	99.4	94.0	97.4	96.7
2005	94	99.3	98.6	99.6	99.7	93.1	96.8	96.0
2006	52	99.1	99.0	99.1	99.0	93.1	97.3	96.7
2007	42	99.6	99.9	98.9	99.0	93.2	97.8	97.5
2008	49	99.9	98.7	99.0	99.0	93.6	96.7	96.2
2009	37	100.1	100.4	99.8	99.2	93.0	97.6	97.3
2010	45	100.8	99.3	99.5	99.9	93.4	96.6	96.6
2011	25	99.8	99.0	101.2	98.6	92.4	97.2	96.6
2012	18	101.1	100.6	99.1	100.6	95.1	97.1	96.6
2013	36	101.6	101.3	99.9	100.5	95.0	98.1	98.1
2014	20	102.2	100.2	100.2	101.3	94.8	97.2	97.0
2015	17	101.2	102.9	99.1	100.7	95.9	98.7	98.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1989	11	96.8	100.2	98.4	98.1	106.5	97.0
1990	22	95.8	99.1	96.9	97.8	104.8	95.7
1992	15	96.8	99.9	97.1	99.3	105.5	97.1
1993	23	97.5	100.1	96.1	100.6	106.3	97.5
1994	28	97.0	99.5	95.4	99.9	106.9	96.6
1995	37	96.2	99.8	96.9	98.9	106.1	96.6
1996	28	96.1	100.0	98.6	99.8	105.8	98.0
1997	33	96.0	100.0	98.4	98.9	104.9	97.4
1998	31	95.0	99.4	98.1	99.6	103.8	97.2
1999	51	95.7	99.8	97.9	99.3	104.6	97.3
2000	27	96.3	99.9	97.4	100.3	106.0	97.8
2001	56	95.8	98.7	98.0	98.4	105.6	96.6
2002	61	95.0	97.9	98.3	96.4	105.0	95.3
2003	66	96.7	99.0	97.8	97.4	105.6	96.3
2004	48	95.4	98.8	97.6	98.0	105.2	96.2
2005	94	96.8	98.9	97.0	98.2	105.8	96.4
2006	52	96.5	99.2	96.8	99.0	105.8	96.6
2007	42	97.3	100.0	97.0	99.7	106.5	97.4
2008	49	96.1	99.4	97.2	99.3	105.1	96.9
2009	37	95.7	98.9	97.2	99.2	105.6	96.6
2010	45	96.4	99.6	97.7	99.6	105.9	97.4
2011	25	96.1	99.2	96.6	99.4	106.1	96.6
2012	18	97.7	100.6	98.9	100.4	107.0	99.1
2013	36	97.9	101.2	98.9	100.8	106.6	99.4
2014	20	98.1	100.8	99.2	100.5	106.2	99.3
2015	17	100.2	102.1	99.2	101.5	106.8	100.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	16	99.4	106.4	100.9	104.4	104.0	98.1	99.7	102.9
1986	17	99.8	105.5	100.6	103.8	104.1	97.9	99.5	102.4
1987	40	99.8	106.0	100.7	104.0	104.2	97.8	99.5	102.6
1988	45	100.5	106.3	101.3	104.5	104.4	98.1	100.0	103.3
1989	18	99.7	106.9	101.6	104.9	104.3	98.9	100.2	103.4
1990	41	99.9	105.8	101.4	104.3	103.9	99.1	100.7	103.2
1991	34	99.8	105.9	101.5	104.5	104.2	99.0	100.3	103.3
1992	33	99.4	105.7	100.9	104.0	103.5	98.9	100.8	102.7
1993	38	99.3	105.7	101.1	104.1	103.7	99.1	100.4	102.8
1994	45	99.4	106.1	101.6	104.6	104.0	99.0	100.9	103.3
1995	77	100.4	105.4	101.9	104.5	104.6	99.1	100.5	103.4
1996	68	100.3	105.6	102.2	104.7	104.5	99.4	100.5	103.6
1997	64	100.4	105.7	102.3	104.9	104.6	99.4	101.0	103.9
1998	122	99.6	105.5	101.5	104.3	103.6	99.5	101.0	103.1
1999	168	99.5	105.5	101.5	104.3	103.8	99.4	101.0	103.1
2000	149	97.8	105.1	100.3	102.9	101.7	97.5	97.8	101.8
2001	283	97.8	105.2	100.6	103.2	101.7	97.6	97.3	102.1
2002	363	98.0	105.2	100.7	103.3	101.8	97.5	98.4	102.2
2003	393	98.1	105.5	100.8	103.5	102.1	97.7	98.5	102.3
2004	420	98.3	105.0	100.5	103.2	102.3	98.1	99.5	102.0
2005	880	98.5	105.2	100.6	103.4	102.5	98.1	99.3	102.2

2006	590	98.3	104.9	100.3	103.1	102.2	97.9	99.6	101.8
2007	503	98.5	104.7	100.5	103.1	102.3	98.2	99.5	102.0
2008	643	98.7	104.6	100.7	103.2	102.3	98.5	99.7	102.1
2009	555	98.9	105.1	101.3	103.9	102.9	98.7	101.9	102.8
2010	844	99.2	104.9	101.3	103.8	103.0	98.8	102.0	102.7
2011	726	99.2	105.0	101.2	103.9	103.2	98.8	102.7	102.8
2012	939	99.7	104.6	101.0	103.8	103.6	98.9	103.3	102.6
2013	932	100.0	104.3	100.8	103.5	103.9	98.6	103.0	102.4
2014	1001	100.1	104.1	100.8	103.4	103.9	98.7	103.6	102.3
2015	1037	99.9	103.9	100.5	103.2	103.8	98.6	104.0	102.1
2016	653	100.1	103.7	100.4	103.0	103.9	98.4	103.9	101.9

Tabel: 282 Fleck Vieh: Gebruikskennmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	10	96.7	39.5	102.7	104.2	104.5
1992	10	97.8	70.3	102.7	104.0	103.9
1993	17	97.9	29.8	103.5	104.8	103.8
1994	21	97.0	67.2	103.4	104.3	104.0
1995	31	96.5	80.9	103.4	103.9	103.7
1996	25	96.5	80.1	102.9	104.4	104.0
1997	28	96.8	92.6	102.9	104.7	103.8
1998	21	96.4	63.0	102.4	104.5	103.8
1999	41	96.9	86.0	102.5	104.2	103.6
2000	22	95.7	49.8	101.2	102.8	103.5
2001	42	95.8	90.2	101.0	102.7	103.7
2002	41	96.2	75.9	101.5	104.0	104.3
2003	53	96.0	80.3	101.1	103.6	104.2
2004	41	96.1	88.1	102.2	103.4	103.8
2005	80	97.7	89.4	101.9	103.4	103.9
2006	41	97.3	90.7	102.1	103.8	103.7
2007	33	96.9	88.5	101.9	102.8	103.1
2008	41	97.3	78.8	102.0	102.9	103.2
2009	34	96.9	77.5	102.3	102.9	103.3
2010	40	97.2	97.8	102.7	103.3	103.4
2011	25	97.6	96.6	102.8	103.4	103.4
2012	17	98.6	101.5	103.5	104.0	103.3
2013	34	97.0	100.0	104.0	104.4	103.4
2014	20	97.2	100.4	103.9	104.3	103.1
2015	17	97.1	100.1	104.2	104.5	103.1

Tabel: 283 Fleck Vieh: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1986	10	13.7	-66.5	238.5	105.3	102.4	96.6	100.4	102.0
1987	23	-5.7	-97.0	145.3	104.3	102.6	96.1	99.5	101.7
1988	24	-12.0	-107.9	-55.2	104.5	103.3	97.6	98.9	104.0
1989	24	-28.2	-149.4	22.6	104.6	103.4	98.4	98.1	100.7
1990	41	38.0	-35.1	181.2	104.9	103.2	96.9	97.8	102.1
1991	27	34.7	-77.9	169.2	105.0	103.3	97.1	97.6	102.3
1992	31	60.8	-32.5	242.0	104.3	102.7	97.1	99.3	101.4
1993	37	72.1	-20.8	280.3	104.8	102.8	96.1	100.6	102.5
1994	46	81.1	6.8	282.9	104.7	103.3	95.4	99.9	102.5
1995	71	90.8	20.8	294.5	104.3	103.4	96.9	98.9	103.0

1996	68	93.1	16.5	264.9	104.6	103.6	98.6	99.8	102.6
1997	68	92.3	-6.5	299.4	104.7	103.9	98.4	98.9	102.7
1998	150	57.2	-52.9	222.1	104.6	103.1	98.1	99.6	102.1
1999	196	68.2	-31.6	221.9	104.3	103.1	97.9	99.3	102.0
2000	177	41.6	-64.7	212.6	103.6	101.8	97.4	100.3	101.0
2001	368	36.3	-88.6	215.3	103.7	102.1	98.0	98.4	101.3
2002	438	37.0	-94.3	209.0	104.7	102.2	98.3	96.4	101.1
2003	455	40.7	-84.8	156.6	104.4	102.3	97.8	97.4	102.9
2004	409	59.4	-25.3	108.5	104.0	102.0	97.6	98.0	102.4
2005	856	58.5	-26.7	103.2	104.2	102.2	97.0	98.2	102.2
2006	545	76.6	4.4	148.4	104.2	101.8	96.8	99.0	102.6
2007	453	80.3	21.4	140.1	103.3	102.0	97.0	99.7	102.7
2008	575	88.9	7.6	160.4	103.4	102.1	97.2	99.3	102.7
2009	481	103.0	31.5	155.8	103.5	102.8	97.2	99.2	102.2
2010	684	115.2	42.8	179.9	103.8	102.7	97.7	99.6	102.3
2011	604	120.7	69.4	178.7	103.8	102.8	96.6	99.4	102.4
2012	716	147.3	126.5	202.7	104.0	102.6	98.9	100.4	102.9
2013	747	154.0	154.9	221.3	104.3	102.4	98.9	100.8	103.1
2014	768	167.8	176.6	244.3	104.0	102.3	99.2	100.5	103.2
2015	772	175.3	202.5	266.5	104.1	102.1	99.2	101.5	103.4
2016	329	184.8	223.7	300.6	104.4	101.9	0.0	0.0	103.2

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2003	12	97.5	93.5	98.6	100.4	98.8	105.2	98.5
2004	12	97.9	92.5	100.2	101.4	97.9	106.3	98.0
2005	24	96.9	91.8	99.5	100.3	97.0	106.0	97.8
2006	17	97.2	92.1	99.6	100.6	97.7	106.1	97.7
2007	22	98.3	93.3	100.4	100.8	99.0	106.6	98.0
2008	27	97.6	93.0	99.4	100.2	99.2	106.7	97.9
2009	15	97.5	92.6	99.4	100.3	98.5	106.5	98.4
2010	38	97.9	93.4	99.4	100.2	99.4	106.4	98.3
2011	33	97.4	92.7	99.6	100.0	98.8	106.6	98.1
2012	36	98.1	93.7	99.6	100.2	99.4	106.7	98.3
2013	55	97.3	94.1	98.4	99.4	99.2	105.6	99.0
2014	40	97.3	92.9	99.5	99.3	98.9	106.3	98.4
2015	62	97.3	93.4	99.0	99.5	98.8	105.9	98.2
2016	15	97.4	93.7	98.7	99.6	99.0	105.3	99.0

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1990	11	97.4	103.8	97.4	103.8	99.2	104.9
1992	17	97.1	103.5	97.1	103.5	98.8	104.3
1993	25	97.1	104.4	97.1	104.4	99.2	105.5
1994	31	97.3	104.7	97.3	104.7	98.8	105.3
1995	57	98.3	104.5	98.3	104.5	98.9	105.3
1996	50	97.5	104.6	97.5	104.6	98.1	105.0
1997	51	97.8	104.6	97.8	104.6	98.3	104.9
1998	68	97.3	104.1	97.3	104.1	97.9	104.6
1999	93	97.3	102.6	97.3	102.6	97.9	103.3
2000	67	95.6	103.7	95.6	103.7	97.6	106.0
2001	127	95.3	103.0	95.3	103.0	97.3	105.1

2002	146	94.0	103.7	94.0	103.7	96.3	105.9
2003	172	99.6	102.9	99.6	102.9	99.9	104.1
2004	181	98.8	102.9	98.8	102.9	99.4	104.5
2005	338	97.7	102.9	97.7	102.9	98.6	104.9
2006	278	98.8	103.3	98.8	103.3	98.9	104.5
2007	304	98.7	103.0	98.7	103.0	99.1	104.2
2008	451	98.6	103.4	98.6	103.4	99.1	104.7
2009	450	98.5	102.0	98.5	102.0	99.8	104.0
2010	663	99.0	102.3	99.0	102.3	100.5	104.2
2011	606	98.9	102.7	98.9	102.7	100.4	104.5
2012	900	99.2	103.3	99.2	103.3	100.7	104.6
2013	992	99.4	103.6	99.4	103.6	100.8	104.7
2014	1186	99.5	103.6	99.5	103.6	100.8	104.6
2015	1429	99.7	103.3	99.7	103.3	100.9	104.2
2016	1489	99.3	102.9	99.3	102.9	100.6	103.9
2017	1384	99.3	101.9	99.3	101.9	100.5	102.9
2018	1095	99.0	100.6	99.0	100.6	100.4	101.7

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	26	90.7	112.1	115.5	52.1	41.7	42.1
1991	11	91.5	112.3	114.7	31.0	24.6	24.7
1992	24	90.2	113.5	115.0	56.5	45.8	46.4
1993	28	89.3	113.4	115.6	86.4	68.0	69.0
1994	31	87.0	114.5	117.4	94.5	74.0	73.8
1995	66	88.5	113.5	116.4	92.2	73.0	73.6
1996	43	87.5	114.5	116.7	94.8	74.8	74.6
1997	52	87.6	113.7	116.5	92.7	71.1	71.4
1998	66	87.2	114.0	116.7	85.3	66.8	66.2
1999	95	88.5	113.3	116.1	87.4	68.6	68.8
2000	73	87.4	114.5	117.1	78.5	61.9	61.1
2001	119	87.4	113.7	116.8	92.1	71.2	71.3
2002	144	93.0	113.3	114.8	91.4	69.2	68.9
2003	162	92.5	113.7	115.0	90.9	68.9	68.4
2004	181	90.7	113.7	115.6	93.3	71.1	71.0
2005	325	91.5	113.1	115.5	91.3	69.2	70.2
2006	304	92.0	113.2	115.4	95.2	72.2	72.7
2007	271	91.3	113.6	115.8	98.2	74.5	75.3
2008	353	91.1	113.0	115.9	99.8	75.4	76.1
2009	356	90.4	113.1	116.3	103.7	79.2	80.0
2010	485	90.9	113.1	115.8	104.7	80.3	81.4
2011	413	90.7	112.1	115.4	106.5	82.4	84.0
2012	605	91.6	110.5	114.6	110.8	87.2	87.8
2013	655	91.5	110.7	114.3	111.5	88.0	89.1
2014	698	91.6	110.0	114.0	112.2	88.6	89.5
2015	846	92.4	109.3	113.2	113.4	90.2	91.0
2016	734	92.6	109.4	112.9	112.3	89.0	89.9
2017	819	92.8	109.6	112.5	109.9	87.7	88.8
2018	523	93.2	109.3	112.1	106.4	84.6	85.7

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
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1990	27	106.6	113.4	100.1	108.0	107.1	102.4	105.2	98.5	110.6	101.1	111.7
1991	17	106.4	114.0	100.1	108.0	107.4	102.8	105.1	98.3	110.7	101.2	111.8
1992	29	105.6	112.4	100.3	107.3	106.2	103.0	104.1	99.0	110.4	101.1	111.1
1993	32	106.1	114.1	100.4	107.3	107.7	103.5	103.9	99.0	111.9	100.6	112.4
1994	38	106.9	113.8	101.1	107.4	107.2	103.7	105.0	99.3	110.8	101.1	112.8
1995	69	106.4	113.2	101.5	107.3	106.6	103.7	104.9	98.9	110.3	101.8	112.0
1996	52	106.7	113.9	101.0	107.3	106.8	103.6	104.8	99.6	110.6	101.1	112.0
1997	55	106.7	114.3	101.0	107.1	107.5	103.3	105.2	98.6	111.2	101.1	112.1
1998	88	106.7	113.8	101.1	107.1	107.2	103.4	105.2	98.8	110.5	101.2	112.0
1999	116	106.9	113.3	101.2	107.2	107.3	103.3	105.4	98.8	110.7	101.3	112.0
2000	88	104.9	115.3	99.1	109.4	109.5	103.2	101.9	99.4	111.8	102.3	105.8
2001	150	104.9	116.2	99.0	110.0	110.8	103.1	101.9	98.9	112.3	102.9	104.4
2002	202	105.1	116.3	99.0	110.1	110.6	103.2	102.2	99.0	112.0	102.9	104.7
2003	242	104.6	115.5	100.8	108.8	108.3	102.7	101.6	99.0	110.1	96.7	114.5
2004	256	104.9	115.5	100.2	109.2	108.6	102.9	102.2	98.8	110.9	99.0	111.8
2005	550	105.0	115.6	100.2	108.9	109.5	103.0	102.3	98.3	111.8	100.6	109.4
2006	385	104.7	114.9	101.2	108.2	108.1	102.8	102.0	98.4	110.4	97.2	114.8
2007	280	105.4	114.6	101.0	108.3	108.2	102.4	102.7	99.0	110.6	97.7	114.4
2008	314	105.3	114.8	100.8	108.5	108.1	102.6	102.7	98.8	110.6	98.3	113.8
2009	249	105.3	114.6	100.8	108.8	107.4	102.9	103.1	98.6	110.3	99.4	113.2
2010	261	105.1	113.5	101.1	107.7	107.0	102.8	103.1	98.3	110.3	99.4	112.7
2011	150	105.3	112.4	101.1	107.4	106.4	102.5	103.7	98.4	109.8	100.0	111.9
2012	102	105.4	111.1	101.1	107.2	105.4	102.4	104.5	98.0	108.9	101.0	110.9
2013	78	105.4	110.7	101.2	107.4	104.6	102.9	104.1	99.5	108.2	100.4	111.8
2014	41	105.6	109.5	101.1	106.7	104.5	102.5	105.0	98.5	108.3	101.5	110.7
2015	16	105.2	107.6	100.4	106.6	103.0	101.2	105.6	97.8	106.3	100.8	109.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	11	96.4	97.3	90.7
1992	14	96.9	96.9	91.3
1993	22	97.0	97.5	89.7
1994	28	95.8	96.4	91.4
1995	56	96.1	96.9	90.6
1996	45	96.6	97.3	91.3
1997	50	96.2	96.7	91.8
1998	57	96.7	97.3	92.0
1999	90	96.7	97.1	92.1
2000	64	93.5	93.7	93.8
2001	121	93.7	93.8	93.2
2002	149	94.1	94.1	94.0
2003	174	96.1	96.2	92.3
2004	185	95.8	96.0	92.6
2005	356	95.7	95.9	93.0
2006	290	96.7	96.8	92.8
2007	319	96.7	96.9	93.2
2008	499	96.8	96.9	92.7
2009	505	96.7	96.9	92.7
2010	708	96.7	96.8	92.7
2011	639	96.8	96.9	92.8
2012	950	97.2	97.5	92.5
2013	1070	97.5	97.8	92.3
2014	1300	97.5	97.7	92.3
2015	1564	97.5	97.6	92.0
2016	1653	97.6	97.7	91.8
2017	1564	98.0	98.3	92.0
2018	1219	98.4	98.6	91.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	264	794.2	5327.8	113.5	118.1
2002	305	633.0	4565.0	89.6	93.5
2003	344	411.5	3611.3	53.6	61.0
2004	367	283.0	3128.8	31.4	42.5
2005	769	227.8	2864.6	23.4	34.1
2006	495	646.8	4560.7	93.6	94.8
2007	406	677.0	4601.0	94.2	101.7
2008	524	760.1	5099.9	108.3	113.2
2009	446	829.6	5279.2	127.0	120.0
2010	638	1054.5	6427.0	164.5	151.8
2011	580	1144.1	6739.4	178.3	165.7
2012	715	1547.7	8346.4	249.3	222.3
2013	747	1805.0	9337.6	294.0	258.9
2014	767	2054.8	10392.5	340.1	292.9
2015	771	2321.2	11486.3	387.3	330.1
2016	329	2657.7	12864.0	450.5	375.5

Tabel: 290 Fleck Vieh: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1990	14	94.2	111.7	97.9
1992	13	95.9	112.3	98.4
1993	20	97.2	112.0	98.7
1994	26	96.2	111.3	99.1
1995	48	96.0	111.8	98.4
1996	32	95.9	112.0	98.5
1997	34	97.1	112.2	97.8
1998	39	97.0	112.2	97.4
1999	59	97.1	111.9	97.9
2000	42	96.1	112.0	98.0
2001	70	96.8	111.8	97.4
2002	64	95.6	112.0	98.3
2003	71	95.9	113.3	98.0
2004	70	96.3	112.4	97.6
2005	129	96.8	111.4	98.2
2006	112	96.8	113.0	97.8
2007	117	95.3	111.7	98.2
2008	167	94.8	111.6	98.5
2009	138	95.2	111.7	98.7
2010	251	95.3	111.8	98.5
2011	240	96.1	112.0	98.1
2012	272	97.0	112.3	97.9
2013	240	97.7	112.9	97.4
2014	211	98.3	113.7	97.4
2015	272	99.6	114.0	97.2
2016	130	100.1	114.8	97.1

Tabel: 291 Fleck Vieh: Overige productie en efficiency kenm.
 Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1984	10	99.6	100.5	0	0.0	0	0.0
1985	14	100.6	100.2	14	-0.6	0	0.0
1986	15	100.4	99.2	15	-0.3	0	0.0
1987	34	100.3	99.6	36	-0.6	0	0.0
1988	29	100.3	99.7	30	-0.7	0	0.0
1989	27	100.7	100.7	27	-1.0	0	0.0
1990	45	99.9	99.9	45	0.0	0	0.0
1991	34	100.4	100.5	34	-0.4	0	0.0
1992	35	100.2	100.2	35	0.1	0	0.0
1993	42	100.1	99.9	42	0.4	0	0.0
1994	52	100.5	99.5	53	0.6	0	0.0
1995	78	99.8	98.6	79	0.6	0	0.0
1996	83	100.2	99.2	83	0.5	0	0.0
1997	79	99.0	99.7	78	0.2	0	0.0
1998	169	98.1	99.8	169	-0.3	0	0.0
1999	219	98.3	99.7	219	0.0	0	0.0
2000	204	98.3	100.1	203	-0.3	0	0.0
2001	436	98.2	100.6	437	-0.6	47	102.0
2002	500	97.3	99.8	500	-0.6	45	100.1
2003	520	98.9	98.7	520	-0.5	58	101.8
2004	429	97.9	100.1	429	0.3	44	101.1
2005	879	98.0	99.5	879	0.3	89	101.9
2006	554	99.1	99.9	554	0.5	51	102.1
2007	470	98.8	100.4	470	0.8	41	103.4
2008	589	99.5	100.4	589	0.7	48	101.2
2009	488	98.8	99.5	488	1.0	33	101.9
2010	705	99.5	99.7	705	1.1	43	102.3
2011	615	99.0	99.0	615	1.4	25	101.8
2012	719	99.7	98.7	719	2.0	18	103.8
2013	748	99.9	98.7	748	2.2	36	104.4
2014	768	100.5	98.6	769	2.5	18	104.4
2015	772	100.5	98.3	772	2.7	17	106.1
2016	329	100.7	98.4	329	3.0	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1983	11	-1201.7	-47.5	-42.7	-54.9	9.9	0.9	-0.4	-291.5
1985	14	-1358.9	-55.9	-45.6	-62.1	7.7	5.0	-0.3	-323.4
1986	11	-1540.1	-55.9	-50.5	-70.3	20.5	7.5	-0.4	-345.4
1987	15	-1360.9	-55.6	-46.3	-62.0	9.4	4.2	-0.2	-325.3
1988	13	-1689.6	-63.5	-56.6	-77.1	19.6	6.7	-0.2	-388.7
1989	31	-1424.8	-54.7	-45.3	-65.0	13.8	8.9	-0.1	-319.9
1990	38	-1518.4	-56.5	-50.6	-69.2	18.3	6.3	-0.3	-347.0
1991	51	-1521.4	-58.2	-51.2	-69.4	15.8	5.6	-0.2	-352.8
1992	70	-1462.1	-55.5	-47.6	-66.7	15.6	7.8	-0.3	-331.8
1993	74	-1553.8	-57.4	-50.8	-71.0	19.3	8.2	-0.4	-350.0
1994	90	-1404.9	-55.0	-44.7	-64.1	12.3	8.9	-0.3	-318.1
1995	103	-1356.9	-52.8	-42.6	-61.9	12.1	9.3	-0.4	-304.3
1996	75	-1289.4	-49.3	-41.7	-58.9	13.0	7.4	-0.3	-292.2
1997	92	-1409.5	-54.7	-45.7	-64.3	12.9	7.8	-0.2	-321.9
1998	121	-1389.3	-53.0	-44.8	-63.4	14.2	8.1	-0.3	-313.8
1999	158	-1326.0	-51.8	-42.8	-60.5	11.5	7.4	-0.3	-302.7
2000	120	-1295.7	-51.1	-42.2	-58.5	10.6	6.8	0.7	-297.7
2001	202	-1252.6	-48.2	-39.7	-55.6	12.2	8.2	2.0	-280.6

2002	143	-1278.4	-48.2	-40.1	-56.3	13.7	9.0	2.9	-282.6
2003	148	-1122.1	-42.7	-35.2	-50.3	11.4	7.8	1.1	-248.9
2004	142	-1083.4	-42.0	-34.8	-48.4	9.8	6.3	1.4	-245.4
2005	123	-1049.6	-39.4	-33.1	-47.0	11.3	7.0	1.2	-232.7
2006	133	-1080.1	-40.8	-33.3	-48.9	11.3	8.2	0.3	-236.8
2007	125	-1043.6	-38.5	-31.8	-48.1	12.1	8.4	-0.9	-225.9
2008	93	-876.9	-33.8	-27.6	-40.5	8.3	5.9	-0.8	-196.2
2009	107	-731.4	-26.7	-23.1	-34.0	9.0	4.9	-1.1	-160.9
2010	122	-744.3	-28.1	-21.6	-35.2	7.8	7.5	-1.8	-158.1
2011	134	-741.8	-26.2	-21.2	-35.1	9.9	7.8	-1.9	-152.5
2012	121	-587.3	-20.9	-15.8	-28.3	7.9	7.6	-2.1	-117.1
2013	156	-366.2	-16.1	-10.5	-19.8	1.4	4.0	-3.9	-82.8
2014	116	-472.2	-16.9	-11.3	-24.0	6.3	8.0	-3.3	-89.1
2015	87	-276.7	-9.2	-6.1	-16.3	4.4	5.2	-4.7	-49.3
2016	33	-241.6	-13.4	-5.6	-17.7	-2.7	4.2	-8.4	-56.5

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	11	94.5	99.1	93.2	92.9	105.0	100.6	89.9
1987	10	96.2	100.1	94.4	94.3	104.7	99.5	88.5
1989	15	93.5	99.4	93.2	92.7	103.7	99.1	87.6
1990	25	95.3	99.7	93.6	93.1	104.6	99.8	88.8
1991	32	95.8	99.5	93.6	93.2	103.8	100.8	88.7
1992	45	95.2	99.1	93.7	93.4	103.1	100.2	88.8
1993	41	96.1	100.1	94.0	93.5	104.4	100.4	88.4
1994	50	95.2	100.0	93.9	93.6	103.5	100.2	88.3
1995	41	95.7	100.4	95.0	94.3	103.9	99.4	87.7
1996	41	96.3	100.4	94.9	94.1	103.9	100.0	88.9
1997	31	97.8	100.0	95.7	94.9	102.7	101.1	89.0
1998	54	96.5	99.7	94.9	94.1	103.4	100.7	88.5
1999	77	96.3	99.9	94.7	94.2	103.5	100.8	88.8
2000	37	97.5	100.8	95.4	94.7	104.2	101.6	89.3
2001	63	96.1	99.6	94.5	93.9	103.3	100.2	88.5
2002	25	97.7	101.0	96.6	95.8	103.7	100.1	89.3
2003	52	97.2	100.3	94.8	94.5	103.7	101.3	89.5
2004	47	97.8	100.7	95.5	94.9	104.0	100.5	89.5
2005	36	99.0	101.1	96.4	95.5	104.1	100.2	90.1
2006	49	97.4	100.7	95.5	94.8	104.2	99.5	89.0
2007	36	98.6	101.2	96.4	95.2	104.2	98.9	90.1
2008	40	99.0	101.1	96.4	95.8	103.6	100.0	90.0
2009	33	99.4	99.7	95.5	95.2	103.0	100.4	90.1
2010	44	99.7	101.0	95.8	95.4	103.7	100.3	90.4
2011	45	99.2	101.0	95.8	95.5	102.7	100.5	89.7
2012	45	100.5	101.4	96.6	95.9	103.4	100.9	90.7
2013	56	100.0	100.7	95.8	95.6	102.9	101.0	89.8
2014	32	100.7	101.1	96.4	96.2	103.1	100.4	89.6
2015	35	101.6	100.2	95.2	95.3	102.7	101.1	90.4

Tabel: 294 Brown Swiss: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1985	11	110.6	96.9	111.9	110.2

1987	10	111.6	95.3	111.8	110.6
1989	15	107.6	94.9	108.9	106.6
1990	25	108.6	95.2	110.6	107.6
1991	32	109.4	96.4	110.1	108.2
1992	45	109.0	96.0	110.0	107.7
1993	41	109.0	96.0	110.2	107.8
1994	50	107.8	95.3	109.1	106.3
1995	41	109.0	95.8	109.8	107.7
1996	41	109.0	96.5	110.0	107.4
1997	31	109.2	95.6	110.4	107.4
1998	54	109.3	95.6	110.9	107.7
1999	77	108.9	96.3	109.6	107.4
2000	37	108.9	95.6	109.7	107.3
2001	63	109.1	94.9	110.4	107.6
2002	25	110.0	96.5	110.4	108.2
2003	52	109.0	95.1	111.0	107.9
2004	47	108.7	95.7	110.2	107.4
2005	36	108.7	96.3	111.0	107.0
2006	49	109.5	97.1	110.4	108.0
2007	36	109.7	96.8	110.9	108.1
2008	40	108.8	96.0	110.0	107.7
2009	33	109.7	96.2	110.8	108.5
2010	44	110.0	95.8	111.2	108.7
2011	45	108.7	95.2	109.4	107.1
2012	45	109.2	95.6	111.4	107.6
2013	56	110.1	94.7	111.3	108.6
2014	32	110.9	95.2	112.6	109.5
2015	35	110.1	94.1	113.3	108.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	11	96.0	97.5	106.2	95.5	88.2	93.0	94.8
1987	10	96.5	98.9	105.8	97.0	89.5	94.2	96.0
1989	15	95.7	97.9	107.1	95.6	88.4	94.5	95.3
1990	25	95.0	97.6	107.0	96.2	87.1	92.8	94.2
1991	32	96.7	98.0	106.6	97.2	89.1	93.3	94.8
1992	45	96.3	98.3	106.8	96.6	89.1	93.6	94.9
1993	41	96.2	98.2	106.6	96.6	88.8	93.1	94.7
1994	50	95.8	98.0	106.5	95.8	89.3	93.6	94.8
1995	41	96.2	98.9	105.8	95.9	88.7	93.6	95.4
1996	41	96.0	98.4	106.3	96.4	89.1	93.9	95.7
1997	31	97.1	98.4	106.7	97.2	90.1	94.6	96.0
1998	54	96.0	98.1	106.4	96.3	89.4	93.9	95.5
1999	77	97.0	98.6	106.7	96.5	89.3	93.9	95.7
2000	37	96.6	98.3	106.3	96.4	89.0	94.0	95.6
2001	63	96.8	98.3	106.9	96.7	90.1	94.9	95.8
2002	25	98.0	99.4	104.6	97.6	90.6	94.9	96.7
2003	52	98.2	99.5	105.8	97.5	90.7	95.2	96.8
2004	47	98.0	99.0	105.8	97.9	91.0	95.7	96.9
2005	36	98.2	99.5	104.5	97.8	90.4	95.3	97.2
2006	49	98.8	99.7	105.3	98.2	91.0	95.2	97.1
2007	36	99.2	99.2	104.6	98.7	91.1	95.3	96.9
2008	40	98.8	99.8	105.4	98.5	91.2	95.8	97.0
2009	33	99.1	101.2	104.6	98.5	91.6	95.6	98.0
2010	44	99.6	100.2	105.6	98.9	91.6	95.9	97.6
2011	45	99.3	100.9	104.9	98.7	91.0	96.6	97.8
2012	45	100.4	101.4	104.5	99.6	90.9	96.1	98.1
2013	56	99.6	101.4	105.1	98.8	91.6	96.2	98.0

2014	32	100.9	103.1	103.6	100.2	93.0	96.7	98.8
2015	35	100.7	102.2	102.4	100.0	92.4	95.9	98.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	11	92.6	96.2	91.5	111.4	0.0	98.6
1987	10	92.0	96.9	92.9	111.3	0.0	99.4
1989	15	90.5	94.5	91.6	106.7	0.0	95.5
1990	25	91.8	95.9	90.8	108.0	0.0	96.4
1991	32	92.3	95.4	92.7	109.0	0.0	97.9
1992	45	91.9	95.3	92.4	108.4	0.0	97.3
1993	41	92.2	96.0	92.2	108.4	0.0	97.3
1994	50	91.9	95.6	92.1	106.7	0.0	96.2
1995	41	91.7	96.3	92.0	108.3	0.0	97.1
1996	41	92.6	96.5	92.0	108.3	0.0	97.4
1997	31	93.4	96.4	93.3	108.1	0.0	98.3
1998	54	92.5	96.0	92.3	108.3	0.0	97.5
1999	77	92.8	96.2	92.7	108.1	0.0	97.6
2000	37	93.9	97.2	92.4	107.8	0.0	97.8
2001	63	92.3	95.8	93.1	107.9	0.0	97.7
2002	25	93.6	97.9	94.0	108.9	0.0	99.3
2003	52	93.5	96.7	94.2	108.3	0.0	98.8
2004	47	93.5	97.3	94.4	107.9	0.0	98.9
2005	36	94.1	98.1	94.2	107.8	0.0	99.0
2006	49	92.8	97.1	94.8	109.0	0.0	99.4
2007	36	93.3	97.9	95.2	109.1	0.0	100.0
2008	40	93.9	98.0	95.2	108.3	0.0	99.7
2009	33	93.5	96.9	95.3	109.2	0.0	99.9
2010	44	94.0	97.8	95.6	109.4	0.0	100.5
2011	45	93.8	96.8	95.4	107.2	0.0	99.1
2012	45	94.9	97.9	95.9	108.4	0.0	100.4
2013	56	94.0	97.1	95.7	108.9	0.0	100.2
2014	32	93.9	97.8	97.4	110.1	0.0	101.8
2015	35	94.0	96.9	96.7	108.7	0.0	100.6

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1983	10	103.4	105.2	105.5	104.9	104.7	97.7	87.4	105.4
1985	12	103.7	104.7	105.4	104.3	104.2	97.7	86.6	105.2
1987	12	102.7	106.2	105.8	105.1	104.5	97.2	86.9	105.7
1988	11	103.5	107.7	107.4	106.9	105.6	97.8	85.8	107.4
1989	20	103.7	105.4	106.0	105.0	104.7	97.2	86.8	105.7
1990	36	105.0	107.0	107.9	106.9	106.4	98.5	85.5	107.7
1991	44	103.8	106.7	106.7	106.2	105.2	98.3	87.5	106.8
1992	65	103.8	106.4	106.4	105.8	105.0	97.6	86.8	106.4
1993	78	104.1	106.3	107.0	106.1	105.2	98.1	87.2	106.8
1994	59	103.7	105.5	106.1	105.1	104.7	97.7	87.5	105.9
1995	77	103.4	104.6	105.2	104.1	104.2	97.1	86.8	104.9
1996	61	102.9	105.5	105.3	104.6	104.1	97.6	88.0	105.2
1997	60	102.7	105.3	104.7	104.3	103.8	97.2	88.3	104.8
1998	84	102.4	105.5	104.8	104.3	103.6	97.0	87.8	104.7
1999	135	103.2	104.3	104.5	103.7	103.8	97.3	87.6	104.4

2000	112	103.3	104.5	104.9	104.1	104.0	97.2	87.3	104.7
2001	201	103.1	104.6	104.8	104.0	104.0	97.1	87.5	104.6
2002	153	103.1	104.4	104.8	103.9	104.0	97.2	87.8	104.6
2003	153	102.9	104.6	104.6	104.0	103.9	97.3	88.6	104.6
2004	165	102.6	104.9	104.5	104.1	103.7	97.5	89.1	104.6
2005	135	102.1	104.8	104.1	103.8	103.3	97.3	89.5	104.2
2006	154	102.5	104.8	104.3	103.9	103.6	97.1	89.7	104.3
2007	148	102.7	104.5	104.3	103.9	103.8	97.1	89.8	104.3
2008	110	102.3	105.2	104.6	104.3	103.8	97.0	90.3	104.7
2009	124	102.8	104.9	104.7	104.2	104.2	97.4	90.4	104.8
2010	134	102.7	105.1	104.8	104.5	104.0	97.1	90.7	104.9
2011	153	103.1	104.7	104.7	104.3	104.3	96.9	90.6	104.8
2012	144	102.9	105.2	104.8	104.6	104.4	97.0	91.3	104.9
2013	178	103.1	104.7	104.5	104.4	104.3	97.1	91.5	104.7
2014	148	103.5	104.6	104.6	104.5	104.8	97.4	91.9	104.8
2015	113	103.5	104.2	104.5	104.3	104.6	97.4	92.6	104.7
2016	73	103.3	104.6	104.5	104.5	104.6	97.3	92.9	104.8

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	10	95.0	89.8	99.6	100.2	102.6
1990	20	92.2	92.5	100.3	101.5	102.8
1991	25	93.4	97.2	99.1	100.2	102.0
1992	40	94.0	93.3	99.9	100.9	102.6
1993	34	92.7	98.9	99.3	100.0	102.5
1994	31	94.1	96.0	99.6	100.6	102.7
1995	30	95.6	86.6	100.1	100.8	103.1
1996	38	94.8	85.6	99.9	101.0	102.7
1997	30	95.9	95.5	99.7	100.6	103.0
1998	38	93.8	90.4	99.7	100.4	102.9
1999	36	96.3	86.1	100.1	100.6	102.9
2000	34	96.0	88.0	99.8	100.4	102.7
2001	56	96.9	82.8	99.3	99.9	102.6
2002	24	97.1	100.5	100.0	100.2	103.1
2003	48	97.4	92.4	100.5	100.6	103.1
2004	47	97.4	96.6	100.8	101.2	103.1
2005	35	96.6	98.7	101.0	101.3	103.2
2006	41	96.7	101.1	100.8	101.4	103.0
2007	34	97.6	101.6	100.8	101.1	103.1
2008	39	98.0	92.9	101.2	101.8	103.1
2009	33	97.5	98.0	101.7	101.7	103.2
2010	41	97.0	98.4	101.9	102.0	103.0
2011	40	98.1	90.0	102.0	102.2	103.4
2012	45	97.9	97.5	102.3	102.4	103.1
2013	54	97.9	99.6	102.8	102.4	103.1
2014	30	97.7	99.3	103.2	102.8	103.2
2015	33	98.1	96.0	103.1	102.4	103.1

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1983	11	-48.5	-291.5	-39.0	101.9	105.4	92.2	110.2	102.9
1985	13	-35.8	-323.4	-19.4	101.8	105.2	91.5	111.4	103.7

1987	12	-53.1	-325.3	-92.0	101.7	105.7	92.9	111.3	103.2
1988	13	-60.2	-388.7	-177.6	102.4	107.4	93.0	111.3	103.6
1989	25	-62.0	-319.9	-132.4	101.4	105.7	91.6	106.7	103.4
1990	36	-61.3	-347.0	-213.8	102.5	107.7	90.8	108.0	103.5
1991	47	-74.0	-352.8	-223.7	101.4	106.8	92.7	109.0	103.2
1992	68	-55.7	-331.8	-103.6	102.1	106.4	92.4	108.4	103.1
1993	73	-72.1	-350.0	-201.3	101.7	106.8	92.2	108.4	103.0
1994	87	-58.5	-318.1	-113.9	102.1	105.9	92.1	106.7	102.8
1995	100	-50.1	-304.3	-93.1	102.3	104.9	92.0	108.3	102.6
1996	74	-42.2	-292.2	-56.8	102.2	105.2	92.0	108.3	102.5
1997	89	-51.1	-321.9	1.1	102.2	104.8	93.3	108.1	103.1
1998	120	-50.5	-313.8	-45.3	102.0	104.7	92.3	108.3	102.6
1999	154	-48.9	-302.7	-60.0	102.2	104.4	92.7	108.1	103.6
2000	120	-49.1	-297.7	-112.6	101.9	104.7	92.4	107.8	103.7
2001	200	-44.9	-280.6	-91.6	101.6	104.6	93.1	107.9	104.3
2002	143	-46.4	-282.6	-109.9	102.1	104.6	94.0	108.9	103.5
2003	148	-22.5	-248.9	-55.6	102.3	104.6	94.2	108.3	104.1
2004	142	-17.6	-245.4	-7.2	102.5	104.6	94.4	107.9	104.0
2005	120	-7.8	-232.7	13.6	102.7	104.2	94.2	107.8	104.1
2006	130	-8.9	-236.8	-3.5	102.5	104.3	94.8	109.0	104.2
2007	123	-4.2	-225.9	12.2	102.5	104.3	95.2	109.1	104.1
2008	92	14.1	-196.2	60.3	102.8	104.7	95.2	108.3	104.4
2009	107	33.5	-160.9	78.7	102.9	104.8	95.3	109.2	104.4
2010	122	31.3	-158.1	53.1	102.8	104.9	95.6	109.4	104.3
2011	132	38.8	-152.5	94.9	103.2	104.8	95.4	107.2	104.5
2012	121	58.6	-117.1	151.1	103.1	104.9	95.9	108.4	104.6
2013	156	70.3	-82.8	150.3	103.1	104.7	95.7	108.9	104.6
2014	116	80.4	-89.1	196.2	103.4	104.8	97.4	110.1	104.9
2015	87	95.0	-49.3	235.4	103.2	104.7	96.7	108.7	104.7
2016	33	103.5	-56.5	269.5	103.7	104.8	97.0	110.6	105.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2001	15	103.1	102.5	102.7	102.7	99.3	106.4	95.8
2003	14	104.6	104.1	103.4	103.6	100.6	106.3	96.4
2004	12	104.2	103.3	103.6	103.9	99.2	105.5	95.4
2006	15	104.5	104.1	104.3	103.1	99.8	106.4	95.5
2007	16	105.2	105.3	103.9	103.4	101.2	106.3	96.2
2008	11	104.5	103.6	104.2	103.0	100.7	106.4	96.7
2009	21	105.3	106.1	102.7	103.2	102.5	105.2	97.8
2010	24	105.7	105.7	103.9	103.5	102.5	106.1	96.8
2011	25	105.2	104.8	104.4	103.2	101.3	106.6	96.0
2012	32	105.6	105.8	104.0	102.9	102.3	106.3	97.0
2013	35	105.7	105.7	104.1	103.4	102.6	106.3	97.3
2014	26	105.8	105.4	104.5	103.0	102.5	106.8	97.7
2015	28	104.9	105.2	103.0	102.3	102.6	106.1	98.0

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1989	11	96.6	105.6	96.6	105.6	95.9	104.5
1990	25	96.4	105.7	96.4	105.7	96.4	104.5
1991	34	96.4	105.1	96.4	105.1	96.9	104.0

1992	53	96.6	105.4	96.6	105.4	96.8	104.1
1993	69	96.1	105.3	96.1	105.3	96.2	104.0
1994	64	95.9	105.3	95.9	105.3	95.8	103.8
1995	73	96.0	105.2	96.0	105.2	95.4	103.8
1996	64	95.2	105.5	95.2	105.5	94.9	104.4
1997	59	96.2	105.5	96.2	105.5	96.2	104.5
1998	63	95.6	105.1	95.6	105.1	95.4	104.3
1999	95	97.5	105.3	97.5	105.3	96.9	104.0
2000	97	97.3	105.5	97.3	105.5	96.7	104.1
2001	99	97.4	105.7	97.4	105.7	97.1	104.0
2002	115	97.1	105.4	97.1	105.4	96.9	103.9
2003	133	97.6	105.5	97.6	105.5	97.4	103.6
2004	157	97.4	105.8	97.4	105.8	97.0	104.0
2005	123	97.6	105.8	97.6	105.8	96.9	104.1
2006	163	97.6	105.2	97.6	105.2	97.1	103.8
2007	146	97.2	106.0	97.2	106.0	96.7	104.3
2008	109	97.3	106.2	97.3	106.2	97.0	104.5
2009	142	97.5	105.4	97.5	105.4	97.3	103.4
2010	141	97.5	106.1	97.5	106.1	97.5	104.3
2011	165	97.5	106.4	97.5	106.4	97.6	104.6
2012	148	97.3	106.5	97.3	106.5	97.8	104.3
2013	175	97.4	106.4	97.4	106.4	98.1	104.4
2014	165	97.5	106.7	97.5	106.7	97.8	104.3
2015	130	97.1	106.8	97.1	106.8	97.8	104.6
2016	134	97.6	106.8	97.6	106.8	98.1	104.4
2017	120	97.9	106.7	97.9	106.7	98.5	104.4
2018	77	98.0	106.5	98.0	106.5	98.3	104.2

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	14	93.9	111.0	106.1	89.8	78.1	73.6
1990	22	95.8	110.7	104.6	94.6	81.2	75.7
1991	26	94.7	110.8	105.6	114.1	99.4	94.1
1992	42	95.2	110.0	105.0	114.8	100.1	93.5
1993	39	94.3	110.4	105.9	108.9	95.6	89.6
1994	36	93.8	109.6	106.1	114.5	100.1	93.8
1995	33	94.2	110.0	105.9	103.0	91.6	85.7
1996	36	93.7	111.1	106.5	107.5	94.8	89.2
1997	40	94.3	110.8	105.8	111.6	97.8	92.3
1998	40	93.2	111.1	106.8	114.1	100.8	94.0
1999	42	94.4	110.5	105.9	113.3	100.7	94.7
2000	42	95.2	109.9	105.0	114.1	100.4	93.2
2001	47	95.2	110.5	104.8	111.4	98.0	91.5
2002	30	93.4	111.4	106.5	108.9	97.5	91.4
2003	69	94.9	110.2	105.3	113.1	100.0	94.3
2004	70	94.6	111.2	105.5	110.4	99.3	94.9
2005	61	94.9	110.5	105.4	103.3	93.2	87.8
2006	64	94.3	110.5	105.8	111.0	99.3	93.8
2007	73	94.3	111.2	105.8	112.7	101.7	96.3
2008	73	94.4	111.0	105.8	112.6	101.0	96.6
2009	77	95.3	111.4	104.8	112.8	100.5	94.2
2010	83	94.6	111.1	105.6	112.4	99.9	94.8
2011	99	94.5	110.8	105.5	111.4	99.2	93.9
2012	93	94.9	110.4	105.2	112.2	99.4	94.6
2013	103	95.0	110.4	105.2	113.2	98.8	93.5
2014	90	94.6	110.9	105.5	113.1	99.0	93.8
2015	74	94.5	111.5	105.3	112.9	98.3	94.2
2016	80	95.2	110.4	104.8	112.9	98.5	94.2

2017	97	95.1	109.8	104.9	110.7	96.8	92.0
2018	61	95.7	109.2	104.5	111.0	96.8	91.7

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
1985	12	101.0	109.4	97.7	100.1	109.8	101.7	99.3	93.8	110.8	97.7	108.7
1987	11	99.8	110.0	97.4	100.4	108.5	102.3	98.1	93.6	110.5	97.5	108.5
1988	10	100.6	110.3	98.0	100.1	108.2	102.9	98.7	93.8	110.9	98.0	109.4
1989	14	101.2	109.8	97.8	100.3	109.6	101.7	99.9	93.1	110.8	97.6	109.7
1990	26	100.2	110.3	98.0	100.2	108.6	102.3	98.7	93.0	110.8	98.3	108.5
1991	38	100.8	110.0	98.1	100.0	109.4	102.2	99.3	93.2	110.6	98.5	108.4
1992	54	100.9	109.7	98.6	99.6	109.6	102.2	99.3	93.3	110.7	98.4	108.1
1993	63	100.8	110.8	98.3	100.7	109.7	102.7	99.5	92.6	111.4	98.4	109.3
1994	51	101.0	109.8	97.9	100.3	109.5	102.6	99.4	93.3	110.7	98.2	108.7
1995	58	100.5	109.6	98.4	100.2	109.2	103.0	98.8	93.1	110.8	98.4	108.7
1996	54	101.3	109.9	98.4	100.5	109.6	102.5	99.8	93.5	110.7	98.5	109.1
1997	53	101.0	109.4	98.6	100.1	109.2	102.8	99.4	93.6	110.3	98.9	108.3
1998	71	100.2	109.7	98.6	100.1	109.3	103.1	98.9	92.5	110.5	99.1	108.2
1999	114	100.6	109.4	98.3	100.2	108.9	103.0	99.1	93.4	110.4	98.7	108.5
2000	81	101.0	109.6	97.9	100.7	108.8	102.7	99.7	93.2	110.5	98.4	109.0
2001	145	100.8	109.8	98.1	100.4	109.1	103.0	99.2	93.5	110.8	98.9	108.4
2002	120	101.0	109.8	98.3	101.0	108.7	103.4	99.6	93.3	110.4	99.2	108.9
2003	129	101.2	110.1	97.9	101.4	109.1	103.2	99.9	93.2	110.7	99.3	108.8
2004	127	101.0	109.4	98.2	100.7	108.9	103.1	99.7	93.5	110.2	99.5	108.1
2005	114	100.5	108.8	98.5	100.4	108.3	103.1	99.4	93.4	109.4	99.6	107.3
2006	111	100.4	108.8	98.2	100.3	108.1	103.4	99.2	93.3	109.5	99.5	107.5
2007	112	101.0	109.1	97.6	101.0	108.3	102.6	100.0	93.5	109.5	99.2	108.0
2008	74	101.2	108.5	97.9	100.9	108.3	102.8	100.2	93.4	109.2	99.2	108.2
2009	79	101.0	108.6	97.7	100.4	108.4	102.5	100.0	93.4	109.5	99.2	107.6
2010	82	101.5	108.6	97.6	101.0	108.4	102.4	100.7	93.5	109.1	99.1	108.2
2011	58	102.4	107.9	98.3	101.0	108.8	102.3	101.6	94.0	108.7	99.9	108.2
2012	49	102.8	108.1	98.1	101.5	108.9	102.3	102.3	93.5	108.7	99.8	109.0
2013	54	102.5	107.6	98.1	100.9	108.5	102.2	101.8	94.2	108.6	99.7	108.3
2014	34	103.1	107.2	98.4	101.0	108.6	102.4	102.5	94.2	108.1	100.5	108.3
2015	34	102.6	107.2	97.8	100.9	108.0	102.3	102.0	94.4	108.1	100.1	108.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1988	10	90.5	99.0	83.6
1989	11	88.8	97.7	83.7
1990	26	89.0	97.8	83.9
1991	34	88.6	97.4	83.4
1992	54	88.5	97.4	83.6
1993	79	87.4	96.4	84.0
1994	78	87.3	96.1	84.0
1995	79	87.4	96.5	83.1
1996	73	87.1	96.4	83.0
1997	60	87.9	97.1	82.3
1998	66	87.2	96.6	82.9
1999	95	89.6	98.4	82.4
2000	98	89.6	98.1	83.4
2001	104	90.0	98.3	82.9

2002	123	90.1	98.5	82.9
2003	139	90.1	98.8	82.7
2004	159	90.3	99.2	82.5
2005	135	90.2	99.0	82.4
2006	170	90.9	99.7	82.0
2007	152	90.6	99.2	81.8
2008	115	91.1	99.6	82.6
2009	159	91.7	99.7	82.8
2010	150	91.7	100.0	82.8
2011	175	91.2	99.5	82.3
2012	161	91.4	99.8	82.2
2013	182	91.8	99.8	82.2
2014	178	92.4	100.2	82.0
2015	147	93.3	100.6	82.9
2016	146	93.6	100.9	83.2
2017	135	93.8	101.1	83.2
2018	88	94.1	101.4	83.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	194	-1704.4	-7786.8	-280.2	-246.1
2002	140	-1805.7	-8244.6	-295.9	-261.1
2003	145	-1367.0	-6432.6	-220.5	-198.9
2004	133	-1064.2	-5133.0	-168.0	-156.3
2005	115	-901.4	-4575.7	-136.4	-134.6
2006	122	-1000.7	-4997.4	-158.5	-146.2
2007	120	-904.8	-4653.6	-140.0	-133.5
2008	88	-490.8	-2814.0	-70.3	-74.4
2009	106	-252.3	-1858.2	-24.9	-42.7
2010	119	-372.5	-2449.8	-53.2	-55.5
2011	125	-100.6	-1466.5	-2.5	-18.4
2012	118	393.5	538.7	79.5	53.4
2013	156	519.1	1415.1	95.5	73.0
2014	116	781.0	2133.9	141.3	111.0
2015	86	1182.8	3851.2	215.4	165.5
2016	37	1370.5	4936.5	235.7	197.4

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

Jaar	Aantal	Eff	Int	Gewen
1990	10	97.3	99.5	105.9
1992	16	98.8	101.8	106.2
1993	16	98.2	100.8	105.2
1994	19	98.3	102.1	105.2
1995	15	98.7	101.6	104.9
1996	19	98.0	102.1	106.4
1997	19	97.2	101.0	105.7
1998	18	97.9	102.1	105.8
1999	13	97.8	102.2	105.5
2000	20	98.3	101.5	105.5
2001	22	97.4	101.8	105.6
2002	10	97.6	103.8	105.7
2003	29	98.3	102.5	104.9

2004	21	98.5	102.7	105.2
2005	15	98.2	101.7	105.2
2006	19	98.3	101.9	105.4
2007	16	98.4	100.6	105.4
2008	21	98.2	100.1	105.5
2009	17	98.5	102.9	105.5
2010	36	97.9	101.8	105.5
2011	45	98.8	102.6	105.2
2012	26	98.3	102.8	105.4
2013	43	99.2	104.1	105.1
2014	29	97.9	104.3	105.1
2015	26	98.3	104.2	104.8

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1983	11	101.0	100.2	0	0.0	0	0.0
1985	14	99.3	99.9	14	-3.8	0	0.0
1986	11	99.9	100.1	11	-4.1	0	0.0
1987	15	101.4	101.6	15	-3.5	0	0.0
1988	13	101.3	102.8	13	-3.9	0	0.0
1989	31	100.5	101.5	31	-3.8	0	0.0
1990	38	101.9	102.4	38	-3.4	0	0.0
1991	51	100.7	102.0	51	-3.7	0	0.0
1992	70	101.0	102.4	70	-3.6	0	0.0
1993	74	100.1	101.6	74	-3.5	0	0.0
1994	90	100.7	101.2	90	-3.8	0	0.0
1995	103	100.1	101.7	104	-3.4	0	0.0
1996	75	100.8	101.9	75	-3.2	0	0.0
1997	92	101.3	99.4	92	-3.6	0	0.0
1998	121	101.3	100.2	121	-3.4	0	0.0
1999	158	100.8	100.0	158	-3.3	0	0.0
2000	120	100.8	100.2	120	-3.0	0	0.0
2001	202	100.3	100.4	202	-2.8	62	94.9
2002	143	100.5	100.2	143	-2.6	25	97.8
2003	148	100.9	100.5	148	-2.3	52	96.6
2004	142	101.7	101.0	142	-2.2	47	97.7
2005	123	101.3	101.1	123	-2.2	36	98.7
2006	133	101.4	100.8	133	-2.3	48	97.6
2007	125	100.5	100.9	125	-2.0	35	98.9
2008	93	101.7	100.7	93	-1.8	39	98.6
2009	107	102.1	101.6	107	-1.5	33	97.7
2010	122	102.2	101.3	122	-1.4	44	98.7
2011	134	102.3	100.9	134	-1.5	45	97.5
2012	121	102.2	102.3	121	-1.0	45	99.5
2013	156	103.8	101.4	156	-0.8	56	98.2
2014	116	103.4	101.8	116	-0.9	32	98.8
2015	87	103.4	101.3	87	-0.6	35	98.6
2016	33	103.2	101.5	33	-0.5	9	101.1

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	17	-1447.4	-47.3	-56.8	-66.1	27.3	-6.2	-0.4	-352.2

2003	10	-376.2	-15.7	-15.1	-17.1	1.7	-2.1	0.0	-100.0
2005	10	-516.9	-19.3	-22.2	-21.5	6.0	-4.5	3.6	-138.0
2006	12	-557.1	-22.9	-27.5	-24.7	3.0	-9.5	1.2	-168.2
2008	11	-465.0	-15.1	-19.4	-22.1	7.9	-3.1	-1.2	-117.7
2012	14	-380.7	-15.2	-12.8	-23.8	3.1	1.6	-8.4	-91.5
2013	13	-477.6	-10.8	-16.3	-26.5	14.8	1.5	-6.3	-97.5
2014	12	-351.0	-19.5	-16.1	-24.0	-2.7	-3.2	-10.2	-114.1

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	13	86.2	94.8	89.7	89.8	99.5	99.2	91.4

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

Jaar	Aantal	BA	BZ	KH	BG
1985	13	97.2	104.5	92.7	96.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	13	94.4	95.5	97.6	93.2	89.1	95.7	97.3

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	13	89.8	89.0	90.5	94.9	0.0	87.5

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	18	100.5	106.2	105.9	106.6	104.3	100.1	90.2	106.5
1987	10	99.3	105.8	105.0	105.9	103.0	99.1	89.9	105.7
2006	12	100.1	105.1	104.9	105.8	103.8	98.9	93.2	105.7
2008	11	99.6	106.4	105.3	106.7	103.9	98.7	94.2	106.2
2012	14	101.2	105.4	104.9	106.3	104.5	99.1	94.1	105.9
2013	13	100.7	104.8	104.8	105.5	104.0	98.6	94.1	105.4
2014	12	100.8	105.2	104.8	105.9	104.2	99.1	94.8	105.6

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1985	15	-105.9	-352.2	-273.1	102.0	106.5	90.5	94.9	102.0
2003	10	-7.4	-100.0	112.9	100.5	105.0	92.0	95.5	105.6
2005	10	-21.8	-138.0	77.2	101.9	105.4	92.3	96.0	106.0
2006	12	-20.2	-168.2	59.0	101.5	105.7	93.5	94.2	104.1
2008	11	11.5	-117.7	103.6	101.5	106.2	92.8	92.8	105.0
2012	14	38.0	-91.5	144.4	101.0	105.9	93.5	100.0	106.1
2013	13	8.3	-97.5	96.1	100.5	105.4	95.2	95.2	105.4
2014	12	18.2	-114.1	145.0	100.6	105.6	0.0	0.0	104.8

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
2008	11	100.2	105.1	100.2	105.1	103.6	102.5
2012	17	100.5	105.9	100.5	105.9	104.2	103.2
2013	13	99.4	105.9	99.4	105.9	102.8	103.0
2014	12	99.9	104.8	99.9	104.8	103.9	102.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2006	11	103.1	101.7	95.8	95.5	84.1	89.4
2008	12	102.5	101.8	96.3	97.6	83.9	89.2

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2008	11	98.2	101.1	95.5
2012	16	97.9	100.6	95.1
2013	12	98.2	101.2	94.8
2014	15	97.5	100.6	97.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2006	12	-395.4	-1618.4	-30.2	-75.4

2008	11	90.3	-32.2	53.1	-5.1
2012	14	459.6	1372.9	92.7	59.9
2013	13	108.2	-465.1	56.6	-1.1
2014	12	386.8	1674.5	78.1	49.0

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1985	17	98.8	92.9	19	-4.1	0	0.0
2003	10	99.8	93.4	10	-2.8	4	86.0
2005	10	99.4	93.0	10	-2.9	3	87.0
2006	12	99.1	92.6	12	-3.0	6	87.0
2008	11	100.4	92.2	11	-2.5	6	89.5
2012	14	98.6	91.9	14	-2.2	2	90.0
2013	13	98.2	91.7	13	-2.0	4	91.0
2014	12	99.6	93.2	12	-2.6	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	19	-2852.6	-74.2	-90.0	-130.2	101.7	23.9	-0.5	-563.9
1981	20	-2885.8	-76.2	-92.1	-131.6	101.2	22.5	-0.5	-577.2
1982	22	-2824.5	-78.0	-90.9	-128.8	91.9	20.2	-0.3	-575.1
1984	12	-2869.5	-75.2	-88.9	-131.1	104.0	28.2	-0.8	-561.9
1985	14	-2977.9	-76.0	-93.4	-136.1	111.6	26.7	-0.7	-583.6
1986	21	-2802.9	-73.0	-88.5	-128.0	99.5	23.6	-0.6	-554.5
1987	13	-2907.0	-77.7	-93.0	-132.7	100.5	22.2	-0.5	-584.2
1988	16	-3116.4	-90.1	-100.8	-142.2	100.8	23.9	-0.7	-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	91.4	84.3	86.9	93.0	95.5	85.0
1981	14	79.4	90.8	84.0	86.6	92.5	94.7	84.9
1982	16	80.4	89.9	83.2	86.5	91.9	95.7	84.7

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

Jaar	Aantal	BA	BZ	KH	BG
1980	13	103.0	101.3	91.9	103.5
1981	14	102.9	101.7	91.7	103.3
1982	16	102.7	101.6	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	87.3	88.9	104.6	91.0	84.2	94.8	92.8
1981	14	88.5	90.1	101.7	92.7	84.4	95.6	93.9
1982	16	89.0	88.9	101.0	93.8	85.2	95.2	93.3

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	13	81.5	79.4	85.3	102.1	0.0	84.8
1981	14	80.8	78.4	86.8	101.9	0.0	85.0
1982	16	80.6	77.8	87.4	101.8	0.0	85.1

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	38	103.3	108.8	110.2	109.5	104.4	99.0	81.7	110.2
1981	57	103.4	108.9	110.2	109.6	104.5	99.1	81.9	110.2
1982	48	103.6	109.0	110.4	109.9	104.7	99.3	82.4	110.4
1983	21	104.0	108.4	110.1	109.3	104.7	98.8	80.9	110.0
1984	25	103.6	108.5	110.0	109.5	104.6	98.7	81.3	110.0
1985	29	103.3	108.9	110.0	109.6	104.4	98.6	81.0	110.0
1986	29	102.9	108.7	109.6	109.2	104.0	98.5	81.0	109.6
1987	16	103.4	109.5	110.6	110.0	104.8	99.4	81.5	110.6
1988	18	103.0	109.4	110.4	109.8	104.7	99.6	81.4	110.4
1989	17	104.0	106.9	109.2	108.0	104.5	99.1	81.1	108.9

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	15	-178.3	-563.9	-295.9	103.2	110.2	85.3	102.1	0.0
1981	18	-168.3	-577.2	-288.7	104.4	110.2	86.8	101.9	0.0
1982	21	-175.7	-575.1	-301.1	104.5	110.4	87.4	101.8	0.0
1984	11	-187.7	-561.9	-515.4	103.0	110.0	85.0	100.3	0.0
1985	14	-152.6	-583.6	-506.7	103.6	110.0	85.8	102.7	0.0
1986	21	-151.4	-554.5	-610.3	103.8	109.6	83.5	103.0	0.0
1987	13	-165.9	-584.2	-524.9	103.6	110.6	81.3	99.3	0.0
1988	16	-182.7	-645.2	-658.7	104.4	110.4	92.5	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	100.1	99.2	0	0.0	0	0.0
1981	20	99.6	99.2	0	0.0	0	0.0
1982	22	99.5	99.4	0	0.0	0	0.0
1984	12	100.0	99.2	0	0.0	0	0.0
1985	14	98.6	98.5	16	-7.8	0	0.0
1986	21	100.0	98.9	22	-6.4	0	0.0
1987	13	101.8	98.4	13	-6.4	0	0.0
1988	16	99.3	97.9	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
1981	10	-1484.2	-76.2	-57.9	-67.8	-14.1	-6.6	-0.3	-417.9
1985	31	-1710.6	-84.5	-62.2	-78.0	-11.6	-0.7	-0.3	-455.7
1986	30	-1568.7	-81.7	-58.8	-71.6	-17.1	-3.5	-0.3	-434.5
1987	48	-1774.3	-86.0	-63.3	-81.0	-9.4	1.5	-0.3	-464.4
1988	41	-1705.1	-81.8	-61.4	-77.9	-7.8	0.1	-0.4	-447.0
1989	56	-1713.4	-81.2	-63.3	-78.2	-6.3	-2.1	-0.3	-453.5
1990	62	-1682.3	-80.1	-62.2	-76.8	-6.6	-2.0	-0.4	-446.2
1991	42	-1626.2	-77.9	-60.3	-74.2	-7.2	-2.5	-0.3	-433.2
1992	72	-1589.4	-73.7	-57.9	-72.6	-2.8	-0.4	-0.3	-413.8
1993	79	-1372.3	-68.3	-51.9	-62.7	-9.4	-3.2	-0.3	-375.2
1994	137	-1030.1	-55.3	-39.7	-47.1	-12.3	-3.2	-0.3	-293.0
1995	96	-1201.4	-62.6	-44.9	-54.8	-11.8	-2.1	-0.3	-332.2
1996	171	-1078.0	-59.1	-40.3	-49.2	-14.7	-1.9	-0.3	-304.0
1997	136	-1052.4	-58.4	-39.3	-48.1	-15.6	-1.9	-0.2	-298.5
1998	172	-1075.2	-56.0	-39.6	-49.1	-10.7	-1.1	-0.3	-294.8
1999	206	-1088.9	-59.4	-41.9	-49.7	-14.6	-3.6	-0.2	-311.5
2000	206	-1080.3	-59.9	-42.0	-49.2	-16.0	-4.2	-0.0	-312.8
2001	233	-1003.1	-54.8	-39.1	-43.7	-13.3	-3.9	2.8	-288.7
2002	175	-851.8	-47.8	-33.6	-35.3	-12.8	-3.8	4.9	-248.8
2003	220	-752.0	-45.8	-30.9	-31.5	-15.9	-4.8	3.8	-232.5
2004	251	-680.9	-43.6	-29.0	-28.8	-17.0	-5.6	3.0	-219.1
2005	342	-636.8	-42.0	-27.2	-26.8	-17.6	-5.3	3.0	-207.7
2006	347	-597.8	-39.4	-26.4	-25.4	-16.2	-6.1	2.4	-198.4
2007	395	-514.7	-36.4	-23.5	-21.8	-17.0	-6.1	2.1	-179.2
2008	402	-422.2	-33.6	-20.3	-17.7	-18.6	-6.3	2.0	-159.1
2009	456	-389.1	-31.9	-18.8	-16.7	-18.3	-5.9	1.4	-149.2
2010	445	-222.0	-24.4	-12.8	-10.1	-17.7	-5.7	0.1	-106.8
2011	507	-178.7	-21.8	-11.2	-8.8	-16.8	-5.7	-0.8	-94.6
2012	519	-82.2	-18.0	-7.3	-5.2	-17.3	-5.0	-1.8	-69.3
2013	559	-53.0	-14.6	-5.9	-4.2	-14.5	-4.6	-2.1	-56.2
2014	521	53.2	-10.9	-2.8	0.3	-15.7	-5.3	-2.6	-34.3
2015	420	152.2	-7.4	-0.1	4.7	-16.6	-6.3	-2.6	-14.4
2016	189	189.6	-4.8	2.4	6.7	-15.6	-5.0	-2.3	1.8

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
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1985	13	91.5	103.8	91.1	84.8	108.2	105.5	89.3
1986	14	92.9	105.0	91.4	84.6	109.1	105.1	90.5
1987	16	92.7	105.1	91.8	85.3	108.9	105.9	90.4
1988	12	95.2	106.0	93.1	87.4	108.3	104.4	90.5
1989	29	93.0	106.1	92.2	85.5	110.1	105.7	91.0
1990	29	93.8	105.9	93.1	86.4	109.2	105.9	91.1
1991	23	93.4	105.9	92.0	85.4	109.4	106.2	91.2
1992	23	93.6	105.9	92.4	86.4	109.7	106.5	89.7
1993	31	94.7	107.8	94.1	87.4	109.8	105.2	91.3
1994	60	94.6	107.2	93.8	87.7	109.2	105.7	90.7
1995	21	95.2	107.4	94.0	87.6	109.6	106.2	91.0
1996	23	94.3	107.8	94.0	87.2	110.4	106.2	90.6
1997	31	95.3	107.4	94.7	88.2	110.1	107.5	91.5
1998	43	95.2	107.4	94.1	87.1	110.4	106.8	91.3
1999	43	95.8	107.4	93.9	87.6	110.2	107.3	92.1
2000	37	95.3	107.1	93.1	86.7	109.6	107.9	92.4
2001	29	95.9	107.9	94.7	87.7	110.0	105.6	93.6
2002	34	95.5	107.8	94.0	86.9	110.9	107.7	93.0
2003	33	96.4	108.2	94.5	88.1	110.3	107.5	93.3
2004	31	96.7	107.5	94.0	87.7	109.9	107.1	92.7
2005	58	95.9	108.1	94.2	87.5	111.4	107.0	93.4
2006	31	96.5	108.3	94.3	87.3	111.2	107.4	93.7
2007	40	97.0	108.6	94.7	87.8	111.5	107.3	93.8
2008	46	97.8	108.6	94.8	88.1	111.1	106.9	94.2
2009	39	98.1	108.8	95.6	89.0	110.8	107.4	94.2
2010	30	98.1	109.6	96.4	89.6	110.9	106.1	94.0
2011	54	99.4	108.6	96.2	89.6	110.0	106.1	94.0
2012	51	98.5	109.0	96.4	90.2	109.8	106.4	93.8
2013	56	99.0	108.0	95.9	90.0	109.2	106.6	94.3
2014	63	100.0	107.6	97.0	91.2	108.3	106.0	94.7
2015	37	99.2	108.9	96.8	90.6	109.5	103.9	94.7
2016	16	98.8	109.2	97.2	91.2	109.2	106.3	94.1

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

Jaar	Aantal	BA	BZ	KH	BG
1985	13	101.4	94.9	102.5	97.9
1986	14	102.6	94.6	104.2	99.4
1987	16	101.6	95.2	102.3	98.7
1988	12	103.5	94.6	106.2	99.4
1989	29	102.2	96.5	104.4	98.0
1990	29	103.2	95.6	105.3	98.6
1991	23	102.4	96.0	105.2	98.2
1992	23	102.9	95.3	105.8	98.6
1993	31	103.8	94.6	104.1	100.1
1994	60	103.5	94.6	104.0	99.6
1995	21	103.9	94.9	104.3	100.0
1996	23	103.5	94.5	104.9	99.5
1997	31	103.2	95.0	103.8	99.9
1998	43	103.7	95.0	105.0	99.9
1999	43	103.5	95.5	105.7	99.2
2000	37	103.5	96.9	104.8	99.2
2001	29	103.3	95.9	106.5	99.5
2002	34	104.1	95.5	106.6	100.5
2003	33	104.1	95.6	106.5	100.3
2004	31	103.9	94.6	107.1	100.4
2005	58	104.7	95.4	106.3	101.4
2006	31	104.5	95.2	106.5	100.9
2007	40	104.4	95.4	106.7	100.9

2008	46	104.4	94.8	107.5	100.6
2009	39	105.0	94.4	107.4	101.4
2010	30	104.7	96.2	106.0	100.7
2011	54	104.9	95.6	107.0	100.9
2012	51	106.2	96.6	106.8	101.9
2013	56	105.7	95.9	107.2	101.9
2014	63	105.9	95.6	107.5	101.8
2015	37	106.5	96.1	106.8	102.4
2016	16	106.8	96.2	106.6	102.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	13	89.2	90.4	103.5	93.0	79.3	91.6	91.5
1986	14	90.0	91.9	104.2	93.1	80.1	92.7	92.4
1987	16	88.9	90.8	104.6	92.3	79.4	91.9	91.3
1988	12	92.6	93.8	104.6	93.7	83.6	93.4	93.2
1989	29	91.7	92.0	105.4	93.7	81.1	91.4	92.1
1990	29	91.2	92.2	105.6	92.8	81.3	90.9	92.1
1991	23	91.1	92.2	105.2	92.9	80.8	91.3	91.9
1992	23	90.6	92.1	104.8	91.8	81.9	91.5	92.1
1993	31	90.9	92.6	107.1	91.5	83.3	89.8	90.0
1994	60	91.5	93.4	105.5	92.1	83.4	90.8	90.7
1995	21	91.5	93.0	106.2	92.4	83.2	90.7	91.0
1996	23	90.4	92.1	104.9	91.8	81.8	92.0	91.4
1997	31	91.5	92.4	105.2	92.9	82.5	91.3	91.2
1998	43	92.3	93.1	104.8	93.8	82.8	92.0	92.1
1999	43	91.3	92.6	105.3	92.9	81.8	90.8	90.9
2000	37	91.7	93.4	104.5	93.4	82.5	91.4	91.6
2001	29	92.2	92.8	104.7	93.0	83.0	91.1	91.1
2002	34	91.5	93.1	104.2	92.7	82.4	91.2	91.6
2003	33	91.9	92.2	105.5	93.1	83.2	91.1	91.3
2004	31	92.0	92.4	105.1	92.9	83.7	91.0	91.2
2005	58	92.2	93.2	103.4	93.0	83.2	92.2	92.3
2006	31	92.1	92.8	103.8	93.5	82.6	92.4	92.6
2007	40	92.4	94.0	104.3	93.6	83.1	92.2	92.5
2008	46	92.0	93.3	104.0	93.5	83.7	92.0	92.2
2009	39	92.7	94.8	103.5	94.1	84.1	93.9	94.4
2010	30	92.2	94.0	104.3	92.5	83.3	91.3	91.6
2011	54	93.5	95.6	103.8	94.7	84.9	92.9	93.7
2012	51	94.0	95.8	103.2	94.3	85.2	93.8	94.7
2013	56	95.0	96.0	103.2	96.2	86.9	94.6	95.4
2014	63	95.1	96.1	103.8	96.2	87.5	93.9	94.8
2015	37	95.2	96.1	103.2	95.9	87.2	93.8	94.6
2016	16	94.2	95.9	104.1	94.5	86.3	93.2	94.2

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	13	95.1	91.5	84.5	97.5	0.0	87.8
1986	14	95.9	92.3	85.4	98.8	0.0	89.4
1987	16	96.3	92.7	84.3	97.9	0.0	88.2
1988	12	96.2	94.0	88.0	99.3	0.0	91.2
1989	29	96.8	93.6	86.2	98.6	0.0	89.9

1990	29	97.0	94.1	85.7	98.9	0.0	90.1
1991	23	96.8	93.1	85.6	98.4	0.0	89.6
1992	23	96.5	93.8	85.5	98.7	0.0	89.7
1993	31	97.4	94.6	85.5	99.6	0.0	90.5
1994	60	97.1	94.4	86.4	99.2	0.0	90.6
1995	21	97.6	94.5	86.3	99.8	0.0	91.1
1996	23	97.3	94.7	85.4	99.1	0.0	90.2
1997	31	98.5	95.5	86.4	99.5	0.0	91.4
1998	43	98.1	95.0	87.3	99.7	0.0	91.8
1999	43	98.7	95.1	85.9	99.4	0.0	91.1
2000	37	98.5	94.3	86.8	99.8	0.0	91.6
2001	29	99.1	95.6	86.9	99.8	0.0	91.9
2002	34	99.0	95.5	86.5	100.6	0.0	92.2
2003	33	99.3	95.8	86.9	100.8	0.0	92.6
2004	31	98.6	95.3	87.0	100.4	0.0	92.1
2005	58	99.3	96.1	87.2	101.5	0.0	93.1
2006	31	99.4	95.9	87.1	100.9	0.0	92.8
2007	40	99.6	96.5	87.5	101.1	0.0	93.3
2008	46	99.8	96.3	87.5	100.8	0.0	93.2
2009	39	100.2	97.0	88.4	101.3	0.0	94.2
2010	30	100.0	97.2	87.0	101.1	0.0	93.3
2011	54	99.7	96.9	89.1	101.3	0.0	94.3
2012	51	99.7	97.0	89.4	102.8	0.0	95.3
2013	56	100.0	96.9	91.2	102.7	0.0	96.3
2014	63	100.2	97.5	91.3	102.4	0.0	96.3
2015	37	99.4	97.3	91.1	103.1	0.0	96.4
2016	16	100.2	97.2	89.9	102.8	0.0	95.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	20	104.0	108.2	107.7	108.3	106.7	99.8	88.4	108.3
1986	19	104.2	108.3	107.7	108.5	106.8	99.7	88.4	108.5
1987	13	103.2	108.5	107.2	108.2	106.2	99.3	89.0	108.1
1988	23	103.2	107.0	106.6	107.1	105.4	97.9	89.7	107.1
1989	58	104.3	108.7	108.5	109.2	107.2	99.4	89.8	109.1
1990	58	104.2	108.3	107.8	108.6	106.9	99.1	89.3	108.5
1991	40	103.9	107.7	107.5	108.2	106.5	98.5	89.0	108.2
1992	67	104.1	107.0	107.2	107.6	106.2	98.6	89.6	107.7
1993	78	104.0	107.6	107.6	108.2	106.8	98.6	89.6	108.2
1994	127	103.8	107.0	107.1	107.6	106.3	98.1	89.5	107.6
1995	93	103.4	107.3	106.9	107.6	106.0	98.1	89.5	107.5
1996	143	103.5	107.0	107.0	107.7	105.9	98.0	90.2	107.6
1997	132	103.0	107.6	106.8	108.0	105.6	97.8	90.4	107.7
1998	168	103.2	107.3	106.7	107.6	106.0	97.6	89.5	107.4
1999	204	103.5	107.2	106.9	107.6	106.0	98.0	89.5	107.5
2000	216	103.7	107.2	106.9	107.5	106.1	98.2	89.2	107.5
2001	243	103.3	107.1	106.8	107.4	106.0	98.0	89.5	107.3
2002	195	103.4	107.4	106.9	107.7	106.1	98.3	90.1	107.5
2003	254	103.1	107.1	106.5	107.2	105.7	98.2	90.3	107.1
2004	296	103.1	106.9	106.5	107.2	105.7	98.3	90.4	107.1
2005	386	103.3	106.9	106.6	107.1	105.7	98.2	89.8	107.1
2006	399	103.8	106.3	106.5	106.8	105.9	98.5	90.0	106.9
2007	459	103.4	106.6	106.5	107.0	105.7	98.3	90.2	107.0
2008	481	103.3	106.8	106.5	107.1	105.8	98.0	90.7	107.1
2009	567	103.2	106.9	106.5	107.3	105.8	97.6	91.2	107.1
2010	527	103.0	106.4	106.1	106.8	105.5	97.1	91.7	106.7
2011	589	103.3	105.9	105.9	106.5	105.6	97.5	91.8	106.5
2012	612	103.8	105.5	105.9	106.3	105.8	97.6	92.2	106.4

2013	673	104.3	104.9	105.9	106.0	106.1	97.7	92.1	106.2
2014	635	104.1	104.9	105.8	106.0	106.0	97.7	92.6	106.1
2015	499	103.9	104.8	105.7	105.8	105.9	97.5	93.0	106.0
2016	298	103.2	105.2	105.6	106.0	105.5	97.0	93.4	106.0

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1986	10	97.9	94.1	101.7	102.3	104.5
1989	28	98.9	71.1	101.6	101.9	104.2
1990	22	98.5	86.2	100.9	101.7	104.0
1991	16	98.8	83.7	101.8	102.3	104.6
1992	24	99.0	79.0	102.4	103.0	104.6
1993	29	96.3	94.9	101.6	102.1	103.8
1994	55	96.9	75.4	101.7	102.4	103.8
1995	23	96.9	85.9	101.4	102.2	103.9
1996	25	97.5	83.0	101.7	103.0	104.1
1997	33	97.9	91.5	101.6	102.8	103.7
1998	43	98.7	94.7	101.6	102.4	104.1
1999	46	98.6	88.3	101.2	102.2	103.8
2000	34	99.6	91.9	101.1	101.8	103.7
2001	27	98.9	95.0	101.5	102.3	103.5
2002	35	98.9	86.1	101.7	102.2	103.1
2003	32	99.2	88.7	102.1	102.3	103.4
2004	32	98.8	91.6	102.0	102.4	103.3
2005	57	97.9	94.4	102.4	102.5	103.1
2006	28	98.2	87.4	102.7	102.8	103.1
2007	40	98.2	92.3	103.0	103.1	103.3
2008	40	98.4	92.1	102.7	102.7	103.3
2009	37	98.7	94.7	102.3	102.4	103.1
2010	22	99.3	96.1	102.3	102.3	103.0
2011	47	98.8	94.9	102.5	102.0	102.8
2012	43	99.6	94.9	103.0	102.5	103.2
2013	45	98.6	95.2	103.2	102.6	103.0
2014	46	98.8	94.9	102.8	102.0	102.8
2015	29	99.0	95.6	103.0	102.5	103.2
2016	13	99.9	95.7	102.7	102.3	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	23	-121.9	-455.7	-20.0	102.7	108.3	84.5	97.5	101.2
1986	22	-110.5	-434.5	-145.8	104.0	108.5	85.4	98.8	101.1
1987	21	-124.0	-464.4	0.0	104.0	108.1	84.3	97.9	101.3
1988	29	-121.6	-447.0	-243.0	104.7	107.1	88.0	99.3	101.3
1989	56	-147.1	-453.5	-318.8	103.7	109.1	86.2	98.6	101.8
1990	60	-151.3	-446.2	-321.2	103.5	108.5	85.7	98.9	102.0
1991	41	-124.4	-433.2	-132.1	104.1	108.2	85.6	98.4	101.5
1992	67	-119.4	-413.8	-188.5	104.4	107.7	85.5	98.7	101.7
1993	77	-107.0	-375.2	-151.0	103.5	108.2	85.5	99.6	101.5
1994	134	-78.0	-293.0	-94.9	103.6	107.6	86.4	99.2	101.2
1995	94	-101.1	-332.2	-219.6	103.5	107.5	86.3	99.8	101.0
1996	165	-79.5	-304.0	-113.8	104.1	107.6	85.4	99.1	101.7
1997	133	-80.9	-298.5	-157.3	103.6	107.7	86.4	99.5	102.3

1998	170	-83.2	-294.8	-165.9	103.8	107.4	87.3	99.7	102.2
1999	203	-95.2	-311.5	-202.9	103.5	107.5	85.9	99.4	101.7
2000	206	-97.7	-312.8	-209.4	103.3	107.5	86.8	99.8	101.6
2001	231	-83.0	-288.7	-176.4	103.3	107.3	86.9	99.8	101.4
2002	174	-71.1	-248.8	-149.7	103.0	107.5	86.5	100.6	101.7
2003	219	-66.6	-232.5	-133.3	103.3	107.1	86.9	100.8	100.9
2004	250	-59.3	-219.1	-121.8	103.2	107.1	87.0	100.4	101.1
2005	342	-53.4	-207.7	-122.7	103.1	107.1	87.2	101.5	101.8
2006	347	-48.7	-198.4	-116.7	103.3	106.9	87.1	100.9	101.8
2007	395	-37.0	-179.2	-100.3	103.6	107.0	87.5	101.1	102.3
2008	402	-31.2	-159.1	-75.0	103.4	107.1	87.5	100.8	102.0
2009	456	-27.0	-149.2	-71.6	103.1	107.1	88.4	101.3	102.0
2010	445	-12.5	-106.8	-45.7	103.0	106.7	87.0	101.1	101.6
2011	507	-8.1	-94.6	-36.7	102.7	106.5	89.1	101.3	101.7
2012	519	10.7	-69.3	9.4	103.2	106.4	89.4	102.8	101.7
2013	559	17.6	-56.2	25.2	103.2	106.2	91.2	102.7	101.7
2014	521	25.5	-34.3	45.7	102.8	106.1	91.3	102.4	101.6
2015	420	40.9	-14.4	85.8	103.3	106.0	91.1	103.1	102.0
2016	189	50.6	1.8	126.9	103.1	106.0	89.9	102.8	101.9

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2001	31	99.8	94.6	104.5	102.5	97.5	100.9	93.4
2002	13	100.9	94.9	105.4	103.1	98.8	101.5	93.9
2003	15	99.7	94.5	104.3	102.5	97.7	100.8	92.9
2004	23	100.3	94.3	105.0	103.6	97.1	101.7	93.3
2005	51	101.3	95.1	106.1	104.0	98.3	100.9	92.8
2006	38	101.1	95.5	105.7	103.5	98.7	101.2	93.4
2007	56	101.4	95.8	105.2	103.7	99.0	101.9	93.9
2008	56	101.2	95.6	105.5	103.5	98.9	101.6	93.5
2009	45	101.3	96.1	105.1	103.2	99.1	101.4	94.2
2010	38	100.7	95.3	105.2	102.9	98.7	101.1	94.0
2011	75	100.9	95.9	104.9	102.8	98.9	101.6	94.0
2012	72	100.8	96.0	104.8	102.5	99.1	101.6	94.1
2013	60	101.7	96.9	105.2	103.2	99.4	102.1	94.1
2014	49	101.4	96.2	105.3	103.2	99.1	102.2	94.1
2015	29	101.3	96.5	105.2	102.8	99.4	101.9	94.0
2016	17	100.8	95.7	106.1	101.8	99.4	101.5	93.9

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	15	95.3	104.3	95.3	104.2	96.3	104.3
1988	10	94.7	104.6	94.7	104.6	95.5	104.8
1989	31	95.6	105.0	95.6	105.0	96.6	105.2
1990	36	95.3	105.2	95.3	105.2	96.9	104.9
1991	18	94.9	105.0	94.9	104.9	96.6	104.4
1992	40	94.8	105.0	94.8	105.0	96.8	104.5
1993	67	95.0	104.7	95.0	104.7	96.1	105.0
1994	104	94.9	104.6	94.9	104.6	96.2	104.8
1995	71	95.0	104.3	95.0	104.3	96.5	104.9
1996	109	95.4	104.7	95.4	104.7	97.3	104.8
1997	115	95.7	105.1	95.7	105.1	97.7	105.4

1998	127	95.5	105.4	95.5	105.4	97.3	105.3
1999	160	95.1	105.2	95.1	105.2	96.8	104.8
2000	171	95.2	105.0	95.2	105.0	96.5	104.8
2001	203	95.4	104.7	95.4	104.7	96.4	104.3
2002	202	95.7	104.7	95.7	104.7	96.5	104.2
2003	262	95.2	104.2	95.2	104.2	96.1	103.8
2004	315	95.1	104.3	95.1	104.3	96.2	103.9
2005	408	95.6	104.9	95.6	104.9	96.9	104.5
2006	461	95.6	104.8	95.6	104.8	97.0	104.3
2007	534	95.6	105.4	95.6	105.4	96.9	104.7
2008	585	95.5	105.2	95.5	105.2	96.7	104.7
2009	716	95.4	105.1	95.4	105.1	96.6	104.6
2010	683	95.1	105.0	95.1	105.0	96.5	104.6
2011	724	95.2	105.0	95.2	105.0	96.8	104.8
2012	760	95.3	105.1	95.3	105.1	97.1	105.1
2013	821	95.3	105.0	95.3	105.0	97.1	105.2
2014	805	95.3	104.9	95.3	104.9	97.2	105.1
2015	714	95.6	105.2	95.6	105.2	97.3	105.3
2016	604	95.7	104.8	95.7	104.8	97.3	105.0
2017	490	95.3	104.1	95.3	104.1	97.1	104.4
2018	359	95.6	101.3	95.6	101.3	97.3	101.7

Tabel: 338 Montbéliard: Geboortekkenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1986	10	91.0	111.2	113.1	87.8	74.9	72.8
1989	24	89.1	110.5	114.7	95.2	78.1	77.4
1990	21	90.8	110.5	112.9	98.4	81.9	81.8
1991	14	90.2	111.1	113.5	85.4	71.5	71.6
1992	18	91.7	110.6	112.1	85.4	71.5	71.1
1993	32	89.7	110.3	114.2	97.9	79.8	76.8
1994	51	90.1	110.1	113.9	98.4	81.0	78.2
1995	25	90.0	110.0	114.0	93.4	76.8	74.5
1996	41	90.8	109.8	113.1	92.3	74.4	73.3
1997	47	90.8	109.9	113.1	101.9	82.1	80.9
1998	59	90.6	110.5	113.1	99.5	80.8	80.6
1999	56	90.5	110.4	113.2	80.9	66.8	66.3
2000	67	90.8	110.9	112.8	66.9	56.2	56.0
2001	52	91.3	110.2	112.3	89.9	76.2	75.6
2002	61	91.9	110.2	111.8	94.8	81.0	80.2
2003	98	91.7	109.4	112.0	97.9	83.2	82.3
2004	130	91.9	110.0	111.9	99.9	84.8	84.3
2005	189	92.2	109.8	111.4	107.4	90.3	89.6
2006	191	92.3	110.1	111.3	106.5	89.7	89.2
2007	258	91.8	109.6	111.9	109.5	91.4	90.9
2008	309	91.8	109.2	111.7	108.8	91.9	91.3
2009	375	91.5	109.3	111.9	107.4	90.8	90.4
2010	339	91.3	109.4	112.1	108.7	91.0	90.7
2011	359	92.0	109.3	111.3	108.2	91.1	90.5
2012	421	91.7	109.1	111.5	109.2	92.5	91.4
2013	355	92.2	109.3	110.9	109.3	92.4	91.5
2014	444	92.3	108.8	110.7	109.2	92.2	91.4
2015	345	92.1	109.2	110.9	109.3	92.5	91.6
2016	257	92.8	108.0	110.1	106.7	91.0	90.1
2017	200	93.0	108.1	109.9	99.9	84.4	84.0
2018	154	92.8	107.9	110.0	93.8	78.9	78.7

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	13	105.7	122.1	99.0	104.6	115.8	103.5	101.6	97.0	118.6	103.8	106.4
1986	18	105.3	122.8	99.1	104.3	116.3	104.2	100.8	96.8	119.6	103.6	107.0
1987	11	105.6	121.5	99.8	105.1	114.8	104.5	101.8	97.4	117.5	104.8	107.0
1988	13	106.2	120.5	100.1	103.9	115.7	103.4	102.4	97.4	117.5	104.3	106.5
1989	49	105.9	121.8	100.0	103.5	116.7	104.2	102.0	96.1	119.4	103.8	107.5
1990	47	105.7	121.6	100.0	103.9	115.9	104.3	102.0	96.3	118.7	103.1	107.2
1991	30	106.4	121.7	99.9	104.5	116.0	104.0	102.6	97.4	118.2	103.2	106.8
1992	52	104.7	120.4	100.8	104.0	113.7	105.1	101.2	97.2	116.5	103.8	105.5
1993	66	104.4	121.4	100.1	105.0	114.0	105.2	100.9	96.4	117.4	103.5	106.3
1994	122	104.5	121.1	100.1	105.1	113.6	105.1	101.2	96.3	116.8	103.2	106.2
1995	81	104.2	120.9	100.3	105.2	112.9	105.4	100.9	96.5	116.3	103.6	106.1
1996	119	104.7	120.8	99.7	105.1	113.1	104.8	101.5	96.9	116.2	103.1	105.6
1997	109	104.6	121.0	99.6	105.3	113.0	105.0	101.3	96.8	116.2	103.0	106.3
1998	142	105.3	120.8	99.8	104.5	114.6	104.3	102.0	96.5	117.0	103.0	106.7
1999	172	105.7	120.8	99.3	104.9	114.6	104.3	102.3	96.9	117.0	103.2	106.8
2000	177	105.6	121.0	99.3	104.9	114.9	104.3	102.0	96.9	117.5	103.1	107.2
2001	209	105.7	121.3	99.2	105.3	114.8	104.5	101.9	97.4	117.7	103.5	107.3
2002	166	104.7	120.5	99.1	104.9	114.1	104.8	100.9	96.7	117.5	103.0	107.4
2003	234	105.0	120.4	99.6	105.1	114.3	104.4	101.6	96.2	117.1	103.2	107.4
2004	262	105.4	120.4	99.4	105.1	114.3	104.2	101.8	96.9	117.1	103.1	107.4
2005	345	105.7	120.7	98.9	105.4	114.4	103.9	102.1	97.3	117.1	102.9	107.7
2006	345	105.8	120.3	99.4	105.3	114.3	104.0	102.1	97.6	116.8	103.0	107.7
2007	380	105.3	119.9	99.4	105.4	113.5	104.3	101.6	97.8	116.3	103.1	107.5
2008	374	105.5	120.0	99.4	105.9	113.6	104.2	102.2	97.0	116.1	103.3	107.4
2009	390	105.8	119.9	99.2	106.2	113.5	104.0	102.8	96.9	115.8	103.2	107.7
2010	313	105.9	118.8	99.8	105.6	113.0	103.8	103.0	97.3	115.0	103.0	107.3
2011	246	106.2	118.6	99.9	105.6	113.0	103.7	103.4	97.6	114.6	103.3	107.6
2012	123	106.5	118.8	99.8	105.8	113.1	103.7	103.6	98.0	115.1	103.3	107.6
2013	82	105.2	117.8	100.0	105.1	111.8	104.2	102.3	97.7	114.2	103.3	106.7
2014	73	103.9	116.3	100.8	104.3	110.1	104.9	101.3	97.7	112.9	103.7	105.6
2015	36	105.4	117.3	100.8	105.4	111.2	104.2	102.8	97.9	113.2	103.9	106.9
2016	16	106.1	117.9	100.4	106.2	112.1	104.4	103.3	97.8	114.1	103.8	107.6

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1986	15	92.6	99.1	83.9
1988	11	92.4	97.5	85.1
1989	34	94.2	99.8	85.2
1990	40	94.5	100.1	84.9
1991	18	94.4	100.0	84.4
1992	40	93.5	99.0	84.5
1993	70	93.6	99.5	85.2
1994	112	93.5	99.3	85.3
1995	84	93.4	99.1	85.1
1996	114	93.8	99.1	85.4
1997	130	93.8	99.0	84.7
1998	143	94.2	99.7	84.6
1999	173	93.5	99.2	84.6
2000	181	93.6	99.3	84.5
2001	216	93.3	99.0	85.5
2002	219	93.2	99.0	85.9
2003	289	93.3	99.0	86.4

2004	340	93.1	98.8	86.7
2005	433	92.7	98.5	86.2
2006	504	93.1	98.7	86.5
2007	569	92.8	98.7	86.2
2008	644	92.6	98.5	85.7
2009	778	92.6	98.6	85.8
2010	733	93.3	99.0	86.2
2011	781	93.5	99.2	86.3
2012	802	94.0	99.6	86.0
2013	888	94.0	99.6	85.6
2014	878	94.8	100.2	85.9
2015	781	94.4	100.0	85.4
2016	677	94.4	100.0	85.4
2017	547	94.7	100.2	85.4
2018	385	95.0	100.5	85.7

Tabel: 341 Montbéliard: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	224	-2106.7	-8311.4	-367.6	-297.6
2002	172	-1832.9	-7244.0	-319.4	-258.9
2003	219	-1695.5	-6560.7	-298.8	-238.3
2004	250	-1593.7	-6089.2	-281.8	-223.8
2005	342	-1551.4	-5944.6	-276.0	-217.0
2006	349	-1479.7	-5653.4	-260.2	-208.7
2007	400	-1318.7	-4978.6	-233.7	-185.2
2008	411	-1106.6	-4063.0	-200.3	-153.6
2009	462	-1037.8	-3817.4	-187.8	-144.1
2010	455	-732.9	-2594.2	-135.3	-100.7
2011	527	-640.3	-2254.5	-117.7	-88.3
2012	540	-261.0	-750.9	-54.5	-33.2
2013	589	-116.3	-225.0	-26.4	-14.1
2014	529	95.8	689.3	10.9	15.5
2015	416	428.9	2099.6	67.9	62.9
2016	182	771.8	3421.8	124.6	113.1

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

Jaar	Aantal	Eff	Int	Gewen
1989	14	96.8	104.0	98.7
1990	10	96.8	104.2	98.5
1992	13	97.6	105.1	98.0
1993	16	96.7	105.3	98.1
1994	19	96.8	105.0	97.7
1995	14	97.7	106.6	97.4
1996	13	97.2	106.1	97.3
1997	27	97.0	105.7	97.2
1998	28	97.4	105.0	97.7
1999	15	98.1	104.9	97.1
2000	22	98.9	105.5	97.2
2001	20	97.2	104.5	98.2
2002	24	96.5	104.1	98.2
2003	30	97.8	104.1	98.0
2004	36	97.4	103.8	98.3

2005	52	96.5	103.5	98.2
2006	51	96.7	103.9	98.3
2007	79	96.3	103.7	98.4
2008	106	96.2	104.0	97.6
2009	134	96.6	103.7	98.1
2010	133	97.1	103.9	98.1
2011	173	97.5	105.2	98.2
2012	153	97.6	106.0	97.9
2013	177	97.2	106.9	97.5
2014	145	97.3	107.0	98.0
2015	127	97.3	107.9	97.5
2016	47	98.9	107.8	97.3

Tabel: 343 Montbéliard: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1981	10	102.5	96.7	0	0.0	0	0.0
1985	31	102.0	99.3	31	-4.9	0	0.0
1986	30	102.6	99.5	30	-4.3	0	0.0
1987	48	101.4	99.4	48	-5.1	0	0.0
1988	41	101.9	99.7	41	-4.4	0	0.0
1989	56	100.7	99.3	56	-3.2	0	0.0
1990	62	100.6	98.5	62	-3.1	0	0.0
1991	42	101.5	98.9	42	-3.6	0	0.0
1992	72	102.6	99.6	72	-3.5	0	0.0
1993	79	102.3	98.9	79	-2.8	0	0.0
1994	137	101.9	98.7	137	-2.1	0	0.0
1995	96	102.1	98.9	96	-2.2	0	0.0
1996	171	102.4	99.2	171	-2.3	0	0.0
1997	136	102.2	99.1	136	-1.9	0	0.0
1998	172	102.0	98.8	172	-1.7	0	0.0
1999	206	101.6	98.6	206	-2.0	0	0.0
2000	206	101.3	98.5	206	-1.8	0	0.0
2001	233	101.2	97.8	233	-1.6	29	104.3
2002	175	101.6	97.6	175	-1.1	33	104.8
2003	220	102.1	97.8	220	-0.9	33	104.9
2004	251	102.1	97.6	251	-0.8	31	104.3
2005	342	102.2	97.6	342	-0.5	58	105.3
2006	347	102.7	97.3	347	-0.4	31	105.6
2007	395	102.4	97.6	395	-0.2	40	106.2
2008	402	102.1	97.0	402	-0.0	46	106.6
2009	456	101.9	96.9	456	0.1	39	106.7
2010	445	102.1	97.2	446	0.4	30	107.3
2011	507	102.3	97.5	507	0.6	54	106.6
2012	519	103.0	98.1	519	0.7	51	106.4
2013	559	103.0	97.9	559	0.8	56	105.8
2014	521	102.9	97.6	522	0.9	63	105.8
2015	420	103.7	97.8	420	1.2	37	106.8
2016	189	103.5	97.0	189	1.3	16	106.6

Tabel: 344 Piemontese: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	19	96.2	102.6	96.2	96.5	89.8	83.7	75.8	96.3

1986	14	97.0	101.9	96.1	96.2	90.0	83.8	73.4	95.9
1987	26	97.1	102.8	97.5	97.3	90.7	84.7	78.2	97.3
1988	27	97.3	103.3	99.1	98.4	91.7	86.2	82.7	98.7
1989	62	94.9	103.6	97.0	97.4	89.2	83.0	80.6	97.0
1990	95	96.3	103.1	97.8	97.6	90.6	85.5	79.8	97.5
1991	179	96.5	102.9	97.5	97.4	90.4	85.1	78.9	97.3
1992	310	96.8	103.0	97.8	97.6	90.7	85.2	78.9	97.5
1993	396	97.0	103.7	98.2	98.1	91.0	85.1	77.8	98.0
1994	363	97.2	103.2	98.0	97.8	91.3	85.4	77.3	97.7
1995	364	97.1	103.3	98.0	97.9	91.4	85.4	77.7	97.8
1996	399	97.2	103.2	97.9	97.8	91.3	85.4	77.7	97.6
1997	389	97.2	103.2	97.8	97.7	91.2	85.2	77.6	97.5
1998	387	97.5	103.0	97.9	97.8	91.6	86.2	77.4	97.7
1999	397	97.5	103.0	97.9	97.7	91.6	86.6	77.9	97.6
2000	390	97.3	102.9	97.6	97.6	91.3	86.5	78.0	97.4
2001	367	97.2	102.7	97.4	97.5	91.3	86.3	77.9	97.2
2002	353	97.2	103.2	97.6	97.8	91.3	86.3	78.6	97.5
2003	314	97.0	102.9	97.2	97.5	91.1	86.0	78.6	97.1
2004	363	96.9	102.8	97.1	97.4	91.0	86.0	78.7	97.0
2005	349	96.7	102.7	97.0	97.3	90.9	86.2	79.5	96.9
2006	316	96.9	102.6	97.0	97.2	90.9	86.2	79.1	96.9
2007	337	97.0	102.9	97.3	97.6	91.2	86.3	79.2	97.3
2008	280	97.1	102.5	97.2	97.3	91.2	86.5	79.2	97.0
2009	307	96.9	102.4	97.0	97.2	91.0	86.3	79.5	96.9
2010	286	96.6	102.5	97.0	97.2	90.8	86.0	80.5	96.8
2011	255	96.9	102.5	97.1	97.3	91.1	86.2	79.8	97.0
2012	210	96.9	102.6	97.2	97.4	91.0	86.0	79.5	97.0
2013	235	96.7	102.5	97.0	97.3	90.9	86.0	80.1	96.9
2014	233	96.8	102.7	97.1	97.4	90.9	86.0	79.7	97.0
2015	98	96.6	102.8	97.2	97.4	90.8	85.7	80.3	97.1
2016	38	97.1	102.2	96.9	96.9	90.9	85.7	79.1	96.7

Tabel: 345 Piemonte: Geboortekennmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	13	71.3	120.4	129.1	34.5	25.6	25.8
1990	21	70.8	121.1	129.4	43.8	30.9	30.4
1991	41	71.8	120.7	128.6	50.3	36.2	36.0
1992	40	71.8	121.7	128.7	54.6	38.6	39.0
1993	37	72.8	120.4	127.6	70.2	51.1	51.8
1994	52	71.4	120.9	129.1	74.1	54.3	54.9
1995	66	72.6	120.3	127.8	77.2	56.7	57.6
1996	74	73.1	120.5	127.4	76.4	56.3	57.1
1997	79	73.2	120.2	127.2	60.1	44.6	45.0
1998	92	72.5	121.4	127.9	74.9	55.1	56.1
1999	109	73.2	121.1	127.3	75.1	54.9	55.8
2000	118	74.2	120.1	126.3	76.6	56.4	57.4
2001	134	74.1	120.6	126.4	96.9	71.5	72.8
2002	138	74.2	120.4	126.4	89.5	65.2	66.7
2003	118	74.4	120.4	125.9	90.2	67.8	69.1
2004	160	74.0	120.7	126.5	95.1	70.6	72.1
2005	204	74.6	120.9	125.9	101.2	74.9	76.3
2006	168	74.7	121.2	125.8	104.5	78.0	79.2
2007	309	75.9	120.9	124.7	101.8	75.2	76.5
2008	315	75.9	121.5	124.7	97.7	71.0	72.2
2009	283	75.5	121.3	125.1	108.2	78.2	79.4
2010	278	75.8	120.5	125.0	103.8	75.0	75.8
2011	260	76.7	121.0	124.0	103.0	73.4	74.3
2012	219	76.5	120.7	124.2	99.5	70.6	71.5

2013	211	76.5	120.8	124.3	97.6	69.5	70.5
2014	232	76.1	120.9	124.6	93.5	65.8	66.9
2015	198	76.2	119.7	124.5	62.8	44.3	45.0
2016	174	77.8	119.7	123.0	48.8	34.6	35.2
2017	155	76.7	119.3	124.1	25.7	18.1	18.2
2018	105	78.2	119.3	122.7	22.3	15.8	15.8

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	144.5	102.7	117.1	126.6	116.2	103.8	97.9	131.0	118.0	112.0
1989	25	111.4	146.6	104.5	117.4	127.0	116.7	103.1	98.1	132.8	120.0	112.4
1990	42	110.1	145.8	103.0	116.9	125.8	115.4	102.5	96.4	131.9	118.6	111.4
1991	87	110.5	146.1	103.7	117.1	126.2	115.3	102.6	97.1	132.2	119.0	111.6
1992	139	110.9	146.2	103.4	117.1	126.6	114.3	103.3	96.7	132.0	118.3	111.6
1993	175	110.1	145.3	103.7	115.9	126.1	114.4	102.7	96.4	131.4	118.0	110.5
1994	170	109.9	145.2	103.6	115.9	125.5	114.2	102.4	96.4	131.3	117.8	110.8
1995	180	110.1	146.1	103.9	116.5	125.6	114.2	102.5	96.8	131.9	118.0	111.6
1996	177	110.0	146.0	103.9	116.4	125.7	114.5	102.4	96.8	131.8	118.2	111.3
1997	181	110.0	146.6	104.0	116.7	125.6	114.3	102.3	96.9	132.0	118.4	111.4
1998	152	110.7	147.3	104.0	117.3	126.7	114.3	102.8	96.8	132.4	118.3	112.2
1999	188	110.8	147.5	104.0	117.5	126.5	114.3	102.8	96.9	132.8	118.3	112.9
2000	188	110.4	147.7	104.0	117.5	126.6	114.8	102.2	97.1	132.9	118.8	112.3
2001	177	110.6	148.1	104.1	118.0	126.8	115.6	102.1	97.4	133.6	119.2	113.2
2002	174	111.1	148.3	104.0	118.1	127.5	115.9	102.3	97.6	134.0	119.3	113.4
2003	157	111.0	148.2	104.2	118.4	127.1	115.8	102.4	97.5	134.1	119.4	113.9
2004	168	111.3	148.5	104.3	118.8	127.2	116.2	102.5	97.9	134.3	119.9	114.1
2005	156	111.6	149.4	104.7	119.6	127.4	116.5	102.8	97.8	135.1	120.2	115.2
2006	131	111.7	149.8	104.8	119.3	128.0	116.5	102.7	97.8	135.8	120.1	115.3
2007	119	111.4	149.9	104.2	119.6	127.8	116.5	102.5	97.5	135.6	119.8	115.2
2008	76	111.4	148.6	103.7	119.7	126.8	116.5	102.6	97.8	135.2	119.4	115.9
2009	62	111.6	149.2	104.0	120.3	127.1	116.8	102.8	97.7	135.4	119.7	116.1
2010	26	112.0	149.7	103.0	121.9	126.1	117.3	103.3	97.7	135.7	119.4	118.2

Tabel: 347 Blonde d'Aquitaine: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	35	98.4	98.7	97.5	95.6	92.0	76.7	54.7	96.3
1981	13	98.1	98.6	97.3	95.7	92.3	77.2	55.1	96.2
1982	18	99.4	98.4	98.2	95.8	93.3	78.0	54.6	96.8
1983	14	97.6	98.8	96.9	95.5	91.6	76.2	55.6	96.0
1984	22	98.9	98.4	97.6	95.5	92.6	77.5	54.5	96.2
1985	59	98.3	98.7	97.3	95.6	92.0	76.8	55.1	96.2
1986	80	97.9	99.6	98.0	96.4	92.6	77.6	56.1	96.9
1987	120	98.0	98.7	97.1	95.6	92.1	77.4	55.6	96.1
1988	193	97.6	99.3	97.3	96.0	92.1	78.6	58.1	96.4
1989	385	97.8	99.0	97.4	95.9	92.1	78.5	58.5	96.4
1990	523	96.8	99.4	97.1	95.9	91.6	78.8	61.3	96.3
1991	784	97.3	99.1	97.0	95.8	91.7	78.1	60.3	96.2
1992	1114	97.0	99.0	96.8	95.7	91.4	77.6	60.3	96.0
1993	1107	96.7	99.3	96.8	95.9	91.2	77.2	60.7	96.1
1994	952	96.9	99.2	96.8	95.8	91.3	77.3	60.7	96.1
1995	1083	97.1	99.2	97.0	95.9	91.5	77.3	60.7	96.2
1996	1022	96.9	99.1	96.8	95.7	91.4	76.7	59.7	96.0

1997	1067	97.0	99.0	96.8	95.6	91.4	76.6	59.4	96.0
1998	970	96.8	99.2	96.8	95.7	91.1	76.3	59.7	95.9
1999	928	97.1	98.9	96.8	95.6	91.3	76.5	59.3	95.9
2000	952	97.2	99.1	97.0	95.8	91.6	76.9	59.5	96.2
2001	917	96.9	99.2	96.8	95.8	91.3	76.6	59.2	96.0
2002	859	97.0	99.2	96.9	95.8	91.4	76.6	59.3	96.1
2003	884	97.0	99.0	96.7	95.6	91.3	76.5	59.0	95.9
2004	917	96.9	98.9	96.6	95.5	91.2	76.5	59.2	95.8
2005	958	96.6	99.0	96.4	95.5	91.0	76.2	59.1	95.7
2006	979	96.7	99.0	96.4	95.5	91.1	76.5	59.2	95.7
2007	941	96.7	98.9	96.3	95.5	91.0	76.6	59.3	95.6
2008	1005	96.7	98.8	96.3	95.4	91.0	76.8	59.7	95.6
2009	929	96.7	98.8	96.3	95.4	91.0	76.8	59.7	95.6
2010	888	96.6	98.7	96.1	95.3	91.0	76.9	59.7	95.4
2011	831	96.8	98.6	96.3	95.3	91.2	77.4	60.1	95.5
2012	732	96.8	98.6	96.3	95.3	91.2	77.2	60.0	95.5
2013	655	96.7	98.5	96.2	95.2	91.1	77.0	59.8	95.4
2014	381	96.6	98.6	96.2	95.3	91.1	77.2	60.2	95.5
2015	100	96.9	98.3	96.2	95.3	91.2	77.4	60.4	95.5
2016	30	97.2	98.0	96.2	94.9	91.0	76.4	57.7	95.3

Tabel: 348 Blonde d'Aquitaine: Geboortekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12	62.2	123.9	138.9	11.6	6.9	6.1
1985	11	61.1	124.6	139.6	12.7	7.5	6.4
1987	22	60.0	125.1	140.5	6.4	3.8	3.4
1988	28	59.8	124.4	140.9	4.9	3.0	2.6
1989	44	59.4	124.9	141.3	6.2	3.9	3.4
1990	47	59.2	124.3	141.4	18.1	10.7	9.3
1991	62	59.0	124.7	141.8	11.3	6.7	5.8
1992	97	59.9	125.0	140.9	26.1	15.4	13.1
1993	114	60.5	125.1	140.3	25.9	15.4	13.2
1994	91	60.4	124.8	140.4	36.9	22.0	18.7
1995	89	61.1	124.1	139.6	31.6	18.6	16.0
1996	83	61.5	124.6	139.3	37.4	22.1	18.6
1997	112	62.2	124.2	138.6	32.6	19.3	16.7
1998	123	61.7	124.2	139.0	54.8	32.8	28.3
1999	126	61.6	124.6	139.1	44.1	26.7	23.1
2000	131	61.9	124.2	138.9	65.2	39.1	33.7
2001	164	62.8	124.4	138.0	77.3	46.7	40.4
2002	142	63.7	123.5	137.1	82.6	49.9	42.5
2003	175	63.0	124.3	137.8	73.2	44.3	37.9
2004	229	62.8	124.5	137.9	94.1	56.7	48.7
2005	287	63.0	124.8	137.8	106.1	64.0	55.9
2006	247	62.9	124.7	137.9	93.3	56.4	49.2
2007	419	64.6	125.1	136.1	100.4	60.8	52.6
2008	480	65.1	125.2	135.6	108.9	66.5	57.5
2009	410	64.9	125.1	135.8	101.3	61.7	53.5
2010	402	64.5	124.7	136.1	108.8	66.2	56.9
2011	402	64.0	124.3	136.6	107.9	64.8	55.4
2012	384	63.7	124.2	137.0	102.7	61.4	52.5
2013	353	63.1	124.1	137.6	100.4	60.1	51.6
2014	391	63.5	123.5	137.3	96.3	58.6	50.4
2015	306	63.2	123.1	137.7	90.2	54.9	46.8
2016	249	62.1	123.5	138.7	56.3	34.2	29.3
2017	258	62.8	123.4	138.1	42.4	26.0	22.1
2018	213	63.5	123.4	137.4	39.3	24.4	20.7

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	122.0	149.9	105.0	132.1	135.8	116.3	110.4	106.9	133.6	118.5	122.3
1985	12	123.2	149.4	104.9	133.9	135.1	117.7	112.2	106.8	132.2	119.5	123.7
1986	15	123.7	149.1	103.0	133.8	137.1	117.3	113.1	106.0	131.9	117.4	122.7
1987	31	122.8	149.5	104.7	134.3	134.6	117.8	112.2	105.8	132.0	119.2	123.8
1988	44	120.9	148.5	105.2	133.3	132.2	117.0	110.7	105.3	131.3	119.1	123.1
1989	88	120.8	149.8	105.4	133.8	132.5	117.0	110.5	104.7	132.3	119.3	123.1
1990	104	116.1	147.8	106.2	131.9	140.8	118.2	104.2	98.5	132.4	119.0	124.0
1991	242	116.3	147.8	105.9	131.8	138.1	117.8	104.6	100.4	131.8	119.0	122.8
1992	357	116.7	148.2	106.1	131.8	136.3	117.6	105.6	100.7	132.3	119.4	122.7
1993	362	115.8	148.3	106.3	132.3	128.4	116.6	106.3	101.5	132.0	119.6	122.9
1994	254	116.5	148.1	106.4	132.8	129.6	117.0	106.8	101.6	131.6	119.7	123.2
1995	234	116.3	148.8	106.1	133.0	130.3	116.9	106.5	101.4	131.8	119.3	122.8
1996	231	116.3	148.0	106.3	131.9	130.6	116.8	106.3	102.1	131.2	119.1	121.2
1997	259	116.8	149.1	106.3	132.6	130.9	116.7	106.4	102.6	132.1	118.9	122.1
1998	240	117.4	149.3	106.6	132.9	131.6	117.2	107.2	102.5	132.2	119.4	122.1
1999	261	118.0	149.5	106.2	133.3	132.0	117.1	107.6	103.1	132.1	119.2	122.3
2000	275	116.9	148.8	105.8	132.8	130.8	117.0	106.8	102.4	131.6	118.9	121.9
2001	271	116.9	148.8	105.6	132.8	130.6	117.1	106.8	102.5	131.6	118.6	121.8
2002	211	116.9	148.5	106.1	132.3	131.0	117.4	106.6	102.5	131.8	119.0	121.6
2003	211	117.4	148.4	106.3	132.0	131.2	116.6	107.0	103.2	131.7	118.7	121.6
2004	242	116.8	147.7	106.3	131.7	130.5	116.5	106.7	102.7	131.6	118.4	122.3
2005	237	116.2	147.4	106.8	131.7	129.6	116.9	106.4	102.1	131.3	118.6	122.4
2006	161	116.1	146.8	107.1	130.9	129.9	116.6	106.1	102.2	131.4	118.4	122.1
2007	170	116.4	146.9	106.8	131.2	130.3	116.5	106.5	101.8	131.6	118.5	122.9
2008	122	115.8	147.1	106.9	130.8	129.6	116.1	106.2	101.3	131.9	118.5	122.3
2009	90	116.1	147.1	107.0	131.1	129.0	116.0	106.4	101.8	131.9	118.6	122.9
2010	37	115.4	146.9	106.8	130.7	128.5	115.9	105.6	101.7	132.0	118.4	122.7
2011	19	115.8	147.9	107.0	132.9	127.4	115.9	106.1	101.7	133.2	118.3	125.7

Tabel: 350 Normande: Melkproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1995	12	-1946.8	-76.6	-65.2	-88.8	17.4	7.9	-0.4	-454.7

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

Tabel: 351 Normande: Vruchtbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1995	10	103.6	106.9	109.7	107.8	104.3	101.1	84.2	108.9

Tabel: 352 Normande: NVI met onderliggende kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1995	11	-121.1	-454.7	0.0	99.4	108.9	83.0	90.5	100.0

Tabel: 353 Normande: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1995	12	103.9	93.8	12	-4.9	0	0.0