

Genetische trends van koeien in Nederland

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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: 245 Belgisch Blauw, basis B: NVI met onderliggende kenmerken
Tabel: 246 Belgisch Blauw, basis B: Levensvatbaarheidskenmerken
Tabel: 247 Belgisch Blauw, basis B: Geboortekenmerken
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Tabel: 250 British Friesian, basis Y: Melkproductiekenmerken
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Tabel: 257 British Friesian, basis Y: NVI met onderliggende kenmerken
Tabel: 258 British Friesian, basis Y: Levensvatbaarheidskenmerken
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Tabel: 263 Brand rood, basis Y: Melkproductiekenmerken
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Tabel: 281 Fleck Vieh, basis Y: Levensvatbaarheidskenmerken
Tabel: 282 Fleck Vieh, basis Y: Geboortekenmerken
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Tabel: 284 Fleck Vieh, basis Y: Kalvervitaliteit
Tabel: 285 Fleck Vieh, basis Y: Levensproductiekenmerken
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Tabel: 288 Brown Swiss, basis R: Melkproductiekenmerken

Tabel: 289 Brown Swiss, basis R: Exterieurkenmerken bouw
Tabel: 290 Brown Swiss, basis R: Exterieurkenmerken beenwerk
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Tabel: 292 Brown Swiss, basis R: Exterieurkenmerken bovenbalk
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Tabel: 294 Brown Swiss, basis R: Gebruikskenmerken
Tabel: 295 Brown Swiss, basis R: NVI met onderliggende kenmerken
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Tabel: 297 Brown Swiss, basis R: Levensvatbaarheidskenmerken
Tabel: 298 Brown Swiss, basis R: Geboortekenmerken
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Tabel: 300 Brown Swiss, basis R: Kalvervitaliteit
Tabel: 301 Brown Swiss, basis R: Levensproductiekenmerken
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Tabel: 304 Zweeds Roodbont, basis R: Melkproductiekenmerken
Tabel: 305 Zweeds Roodbont, basis R: Exterieurkenmerken bouw
Tabel: 306 Zweeds Roodbont, basis R: Exterieurkenmerken beenwerk
Tabel: 307 Zweeds Roodbont, basis R: Exterieurkenmerken uier
Tabel: 308 Zweeds Roodbont, basis R: Exterieurkenmerken bovenbalk
Tabel: 309 Zweeds Roodbont, basis R: Vruchtbaarheidskenmerken
Tabel: 310 Zweeds Roodbont, basis R: NVI met onderliggende kenmerken
Tabel: 311 Zweeds Roodbont, basis R: Levensvatbaarheidskenmerken
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Tabel: 313 Zweeds Roodbont, basis R: Kalvervitaliteit
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Tabel: 315 Zweeds Roodbont, basis R: Overige productie en efficiency kenm.
Tabel: 316 Angler, basis R: Melkproductiekenmerken
Tabel: 317 Angler, basis R: Exterieurkenmerken bouw
Tabel: 318 Angler, basis R: Exterieurkenmerken beenwerk
Tabel: 319 Angler, basis R: Exterieurkenmerken uier
Tabel: 320 Angler, basis R: Exterieurkenmerken bovenbalk
Tabel: 321 Angler, basis R: Vruchtbaarheidskenmerken
Tabel: 322 Angler, basis R: NVI met onderliggende kenmerken
Tabel: 323 Angler, basis R: Overige productie en efficiency kenm.
Tabel: 324 Montbéliard, basis R: Melkproductiekenmerken
Tabel: 325 Montbéliard, basis R: Exterieurkenmerken bouw
Tabel: 326 Montbéliard, basis R: Exterieurkenmerken beenwerk
Tabel: 327 Montbéliard, basis R: Exterieurkenmerken uier
Tabel: 328 Montbéliard, basis R: Exterieurkenmerken bovenbalk
Tabel: 329 Montbéliard, basis R: Vruchtbaarheidskenmerken
Tabel: 330 Montbéliard, basis R: Gebruikskenmerken
Tabel: 331 Montbéliard, basis R: NVI met onderliggende kenmerken
Tabel: 332 Montbéliard, basis R: Klauwgezondheidskenmerken
Tabel: 333 Montbéliard, basis R: Levensvatbaarheidskenmerken
Tabel: 334 Montbéliard, basis R: Geboortekenmerken
Tabel: 335 Montbéliard, basis R: Vleeskenmerken
Tabel: 336 Montbéliard, basis R: Kalvervitaliteit
Tabel: 337 Montbéliard, basis R: Levensproductiekenmerken
Tabel: 338 Montbéliard, basis R: Robot / AMS kenmerken
Tabel: 339 Montbéliard, basis R: Overige productie en efficiency kenm.
Tabel: 340 Piemontese, basis Y: Vruchtbaarheidskenmerken
Tabel: 341 Piemontese, basis Y: Geboortekenmerken
Tabel: 342 Piemontese, basis Y: Vleeskenmerken
Tabel: 343 Blonde d'Aquitaine, basis Y: Vruchtbaarheidskenmerken
Tabel: 344 Blonde d'Aquitaine, basis Y: Geboortekenmerken
Tabel: 345 Blonde d'Aquitaine, basis Y: Vleeskenmerken
Tabel: 346 Normande, basis R: Melkproductiekenmerken
Tabel: 347 Normande, basis R: Vruchtbaarheidskenmerken
Tabel: 348 Normande, basis R: NVI met onderliggende kenmerken
Tabel: 349 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	2631	-2287.3	-74.4	-82.5	-107.5	36.6	-3.7	-4.6	-533.7
1981	3215	-2210.4	-71.9	-80.7	-103.6	35.1	-4.9	-4.1	-518.7
1982	3600	-2116.4	-67.2	-77.3	-98.6	35.6	-4.8	-3.0	-492.9
1983	5244	-2064.4	-63.5	-75.9	-94.8	37.5	-5.4	-0.9	-476.1
1984	8047	-2056.6	-61.7	-75.2	-94.4	39.7	-4.6	-0.8	-467.0
1985	12683	-2078.5	-60.4	-74.0	-94.9	43.3	-1.6	-0.2	-458.9
1986	20409	-2052.9	-58.1	-71.4	-93.6	45.1	1.0	0.1	-443.8
1987	34747	-1977.0	-55.8	-68.4	-89.9	43.3	1.5	0.4	-424.8
1988	62368	-1897.5	-53.0	-65.4	-86.2	42.0	1.9	0.5	-405.4
1989	92121	-1810.3	-48.8	-62.6	-82.2	42.1	1.5	0.5	-383.8
1990	118639	-1709.5	-47.1	-59.7	-77.6	38.0	0.7	0.6	-367.0
1991	132034	-1536.7	-42.0	-53.8	-69.7	33.9	0.5	0.5	-329.6
1992	153575	-1390.4	-39.6	-49.7	-63.0	27.9	-0.9	0.5	-305.7
1993	182834	-1303.6	-37.6	-46.6	-59.0	25.3	-0.9	0.6	-287.9
1994	197483	-1181.8	-35.4	-42.9	-53.5	20.9	-1.5	0.5	-266.5
1995	235106	-1038.1	-29.9	-37.7	-46.9	19.9	-1.3	0.5	-231.6
1996	237993	-935.7	-27.4	-34.0	-42.3	17.2	-1.1	0.5	-209.7
1997	237826	-875.5	-23.6	-31.1	-39.5	18.6	-0.1	0.5	-189.2
1998	246438	-807.6	-21.2	-28.5	-36.5	17.8	0.2	0.5	-172.4
1999	250877	-779.5	-18.5	-26.5	-35.2	19.7	1.6	0.5	-158.1
2000	241898	-640.7	-15.6	-22.8	-29.2	15.9	0.3	0.1	-134.7
2001	245850	-603.3	-14.3	-21.0	-28.8	15.4	0.8	-1.5	-124.6
2002	230700	-491.5	-13.8	-18.4	-24.2	10.0	-0.8	-2.0	-111.4
2003	230794	-463.7	-11.3	-17.4	-23.7	11.5	-0.8	-2.9	-102.1
2004	233371	-381.7	-8.7	-14.0	-19.4	10.2	-0.2	-2.3	-81.6
2005	231934	-336.5	-7.7	-12.3	-17.1	9.1	-0.1	-2.1	-71.6
2006	248080	-239.3	-6.4	-8.8	-11.7	5.6	0.1	-0.9	-52.7
2007	238209	-158.3	-5.1	-6.0	-7.7	3.2	0.1	-0.5	-37.3
2008	248426	-117.1	-4.1	-4.5	-5.7	2.2	0.1	-0.4	-28.6
2009	242148	-63.8	-2.4	-2.4	-3.1	1.5	0.4	-0.2	-15.7
2010	237413	-17.9	0.3	-0.2	-0.8	2.4	1.1	0.1	0.3
2011	237937	40.9	3.1	2.3	2.6	2.7	1.6	0.9	17.1
2012	241127	72.4	4.2	4.0	3.9	2.4	2.3	0.7	26.8
2013	253603	112.9	6.4	6.0	5.9	2.9	2.9	0.8	40.2
2014	250452	203.8	9.7	8.9	9.7	2.3	2.6	0.5	60.1
2015	227265	306.0	14.6	12.5	14.4	2.8	2.6	0.5	86.1
2016	203071	402.6	19.6	16.5	18.8	3.8	3.3	0.5	114.6
2017	114219	487.8	23.4	19.9	23.1	3.7	3.6	1.0	137.6
2018	15	820.3	27.5	27.9	38.7	-7.0	-0.3	1.4	183.7

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	2804	88.2	96.4	88.3	88.5	101.9	97.2	94.3
1981	3303	89.0	97.3	89.6	90.1	102.3	97.1	94.9
1982	3750	89.7	97.2	90.8	91.0	102.4	96.4	94.8
1983	5677	89.8	97.4	91.1	91.4	102.6	96.3	95.0
1984	8167	89.8	97.6	91.7	91.9	103.0	96.2	95.2
1985	12093	89.9	97.7	91.9	92.2	103.2	96.1	95.3
1986	17856	89.9	97.9	92.3	92.4	103.2	95.7	95.2
1987	27090	90.4	97.7	92.9	92.7	102.8	95.7	96.1

1988	41302	90.5	97.9	93.5	93.1	102.6	95.8	96.5
1989	56560	91.0	97.8	93.8	93.5	102.1	96.2	96.7
1990	72420	91.3	97.4	94.0	93.7	101.6	96.8	96.7
1991	81692	92.0	98.0	94.5	94.2	101.4	96.8	96.5
1992	97191	92.6	98.3	95.0	94.6	101.1	97.0	96.8
1993	109730	92.8	98.0	94.8	94.4	100.8	97.1	96.9
1994	115525	93.1	97.9	95.4	95.0	100.3	97.6	97.3
1995	136760	93.3	97.5	95.3	95.1	100.1	97.3	96.6
1996	138382	93.6	97.9	95.7	95.6	100.0	97.5	96.5
1997	137921	94.1	97.9	96.1	96.1	99.7	97.9	96.6
1998	141921	94.4	98.1	96.4	96.2	99.7	97.8	96.7
1999	143566	94.8	98.1	96.7	96.6	99.6	98.3	96.8
2000	140235	95.5	98.2	97.1	97.0	99.3	98.8	97.5
2001	140068	95.8	98.0	97.1	97.3	99.3	98.6	97.5
2002	133073	96.3	98.1	97.5	97.8	99.0	99.0	97.5
2003	134922	96.8	98.3	98.0	98.3	98.9	99.2	97.9
2004	136702	97.2	98.4	98.1	98.3	98.9	99.6	97.9
2005	134140	97.9	98.5	98.4	98.8	98.7	99.9	98.3
2006	137991	98.6	99.2	99.0	99.1	99.2	100.0	98.8
2007	128738	99.0	99.5	99.4	99.5	99.4	100.3	99.2
2008	131184	99.3	99.7	99.6	99.6	99.6	100.3	99.7
2009	129604	99.6	99.8	99.8	99.7	99.9	100.2	99.8
2010	126664	99.8	100.1	100.0	99.9	100.1	100.0	99.8
2011	123211	100.3	100.5	100.2	100.2	100.7	99.9	99.9
2012	120225	101.0	100.7	100.5	100.6	100.8	100.0	100.1
2013	121237	101.3	100.7	100.7	101.1	100.7	100.0	100.1
2014	115993	102.0	100.9	101.1	101.7	100.8	100.5	100.2
2015	102477	102.3	101.0	101.2	102.0	101.0	100.5	100.3
2016	90407	102.5	101.3	101.3	102.3	101.2	100.4	100.5
2017	33147	103.2	101.5	101.5	102.6	101.3	100.3	100.9
2018	10	105.1	100.9	101.3	103.5	100.1	99.3	103.2

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

Jaar	Aantal	BA	BZ	KH	BG
1980	2804	92.1	100.6	91.2	90.4
1981	3303	93.5	100.0	92.0	91.2
1982	3750	94.2	100.6	92.9	91.9
1983	5677	94.6	101.0	93.7	92.5
1984	8167	94.6	101.1	94.4	92.3
1985	12093	94.9	101.1	94.8	92.6
1986	17856	95.3	101.1	95.0	92.9
1987	27090	95.6	101.5	95.0	93.0
1988	41302	95.7	102.0	94.9	93.0
1989	56560	96.0	102.1	95.2	93.4
1990	72420	95.7	102.1	95.0	93.3
1991	81692	95.9	102.3	95.1	94.1
1992	97191	96.0	102.4	95.1	94.5
1993	109730	96.5	102.1	95.4	94.7
1994	115525	96.6	101.9	95.9	95.0
1995	136760	96.9	101.8	96.0	95.7
1996	138382	96.9	102.0	96.0	96.0
1997	137921	97.1	102.1	95.9	96.5
1998	141921	97.0	102.1	96.1	96.6
1999	143566	97.2	102.3	96.0	96.7
2000	140235	97.3	102.0	96.2	96.8
2001	140068	97.6	101.6	96.6	97.3
2002	133073	97.8	101.4	96.8	97.7
2003	134922	98.4	101.9	96.7	98.1

2004	136702	98.5	101.5	97.6	98.3
2005	134140	99.0	101.6	97.9	98.7
2006	137991	99.1	100.9	98.6	99.0
2007	128738	99.4	100.4	99.0	99.3
2008	131184	99.6	100.4	99.3	99.6
2009	129604	99.7	100.1	99.7	99.8
2010	126664	100.0	99.9	99.9	100.0
2011	123211	100.1	99.6	100.3	100.1
2012	120225	100.5	99.5	100.4	100.7
2013	121237	100.9	99.7	100.4	101.1
2014	115993	101.8	99.7	100.5	101.9
2015	102477	102.5	99.4	100.9	102.5
2016	90407	103.5	99.3	101.3	103.5
2017	33147	104.1	99.2	101.8	103.9
2018	10	102.4	99.3	101.6	102.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	2804	93.2	91.2	99.6	95.5	87.4	91.5	90.1
1981	3303	92.8	91.5	99.9	95.6	87.4	91.9	90.4
1982	3750	93.7	91.9	99.7	95.8	88.2	92.3	91.3
1983	5677	93.9	91.9	99.9	95.7	88.5	92.4	91.3
1984	8167	93.7	91.7	100.0	95.2	88.9	92.3	91.3
1985	12093	93.8	91.4	100.1	95.3	89.4	92.2	91.1
1986	17856	93.8	91.5	100.1	95.3	89.9	92.5	91.3
1987	27090	93.7	92.0	99.9	94.9	90.5	93.2	91.8
1988	41302	93.8	92.4	100.0	94.4	90.7	93.4	92.1
1989	56560	94.1	93.1	99.9	94.8	91.0	93.9	92.6
1990	72420	94.3	93.6	99.6	94.9	91.2	94.4	93.2
1991	81692	94.6	93.7	100.5	95.1	92.5	94.9	93.5
1992	97191	94.6	94.0	100.8	95.2	93.0	95.6	94.1
1993	109730	94.2	94.0	100.7	95.2	93.4	95.8	94.4
1994	115525	94.4	94.7	100.7	95.1	93.6	95.9	95.2
1995	136760	94.6	94.8	101.5	95.2	94.4	96.2	95.4
1996	138382	95.0	95.1	101.3	95.3	94.6	96.5	95.8
1997	137921	95.6	95.1	101.3	95.7	95.2	96.8	96.1
1998	141921	95.7	95.3	101.2	95.7	95.2	96.8	96.3
1999	143566	96.0	95.6	101.1	95.9	95.6	97.0	96.6
2000	140235	96.1	96.3	100.9	96.1	96.1	97.3	97.1
2001	140068	96.2	96.6	101.1	96.3	96.6	97.2	97.2
2002	133073	96.6	97.3	101.1	96.6	96.7	97.2	97.2
2003	134922	97.3	97.5	100.8	97.1	97.3	97.8	97.9
2004	136702	97.7	97.8	101.1	97.5	98.1	98.5	98.5
2005	134140	98.0	98.3	101.0	97.7	98.3	98.8	99.1
2006	137991	98.5	99.0	101.0	98.3	98.6	99.1	99.3
2007	128738	98.9	99.3	100.9	98.7	99.1	99.2	99.5
2008	131184	99.3	99.7	100.6	99.0	99.4	99.7	99.9
2009	129604	99.5	99.6	100.4	99.5	99.6	99.7	99.6
2010	126664	99.9	100.0	100.0	99.9	99.8	99.9	99.9
2011	123211	100.3	100.6	99.5	100.4	100.0	99.9	100.0
2012	120225	101.0	100.9	99.5	101.2	100.7	100.1	100.3
2013	121237	101.3	101.0	99.6	101.6	101.1	100.1	100.4
2014	115993	101.8	101.4	99.8	102.2	102.0	100.5	100.8
2015	102477	102.3	101.8	100.0	102.6	102.8	100.9	101.0
2016	90407	102.9	102.2	100.0	103.1	103.3	100.9	101.1
2017	33147	103.4	102.3	100.0	103.7	103.7	100.9	101.0
2018	10	105.8	104.0	99.5	106.7	105.8	102.2	102.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2804	90.4	90.2	90.1	89.0	0.0	84.5
1981	3303	91.4	92.1	90.1	90.0	0.0	85.7
1982	3750	91.3	93.1	90.8	90.9	0.0	86.7
1983	5677	91.5	93.6	91.0	91.5	0.0	87.2
1984	8167	91.9	94.5	90.8	91.5	0.0	87.4
1985	12093	92.0	95.0	91.0	91.9	0.0	87.8
1986	17856	91.9	95.2	91.3	92.3	0.0	88.1
1987	27090	92.6	95.5	91.5	92.4	0.0	88.6
1988	41302	93.1	95.9	91.5	92.4	0.0	88.8
1989	56560	93.5	95.9	92.0	92.9	0.0	89.4
1990	72420	93.7	95.7	92.2	92.7	0.0	89.5
1991	81692	94.0	96.1	93.0	93.3	0.0	90.3
1992	97191	94.5	96.5	93.3	93.7	0.0	90.9
1993	109730	94.4	96.0	93.3	94.0	0.0	91.0
1994	115525	95.0	96.3	93.3	94.3	0.0	91.4
1995	136760	94.4	96.0	93.7	95.0	0.0	91.7
1996	138382	94.7	96.4	94.0	95.2	0.0	92.1
1997	137921	95.1	96.7	94.6	95.6	0.0	92.8
1998	141921	95.2	96.8	94.6	95.7	0.0	93.0
1999	143566	95.7	97.1	95.0	95.7	0.0	93.4
2000	140235	96.4	97.4	95.2	95.9	0.0	93.9
2001	140068	96.3	97.5	95.6	96.4	0.0	94.3
2002	133073	96.6	97.7	95.9	96.8	0.0	94.8
2003	134922	97.2	98.1	96.6	97.3	0.0	95.6
2004	136702	97.5	98.1	97.2	97.6	0.0	96.2
2005	134140	98.0	98.4	97.5	98.1	0.0	96.8
2006	137991	98.7	99.1	98.1	98.4	0.0	97.6
2007	128738	99.2	99.6	98.5	98.8	0.0	98.3
2008	131184	99.6	99.9	99.0	99.1	0.0	98.8
2009	129604	99.6	100.1	99.4	99.3	0.0	99.2
2010	126664	99.7	100.4	99.8	99.6	0.0	99.6
2011	123211	99.9	100.9	100.2	99.7	0.0	100.1
2012	120225	100.1	101.4	101.0	100.2	0.0	100.9
2013	121237	100.2	101.6	101.4	100.6	0.0	101.4
2014	115993	100.7	102.0	102.2	101.5	0.0	102.5
2015	102477	100.8	102.4	102.9	102.2	0.0	103.3
2016	90407	100.9	102.7	103.5	103.2	0.0	104.3
2017	33147	101.2	103.0	104.1	103.7	0.0	104.9
2018	10	101.4	103.4	106.9	102.0	0.0	105.5

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	4087	103.8	104.4	103.9	104.7	102.3	101.4	90.5	104.6
1981	4971	103.2	104.2	103.7	104.4	102.0	101.7	92.1	104.3
1982	5702	102.8	103.7	103.0	103.6	101.5	101.0	91.8	103.5
1983	8442	102.6	103.6	102.9	103.5	101.4	101.0	92.1	103.4
1984	12371	102.7	103.5	102.9	103.5	101.6	100.9	91.7	103.4
1985	18425	102.8	103.4	102.9	103.4	101.7	100.7	91.3	103.4
1986	28535	102.6	103.2	102.6	103.2	101.5	100.3	91.3	103.1
1987	46902	102.7	103.1	102.5	103.1	101.5	101.2	91.8	103.0

1988	74963	102.7	102.5	102.1	102.6	101.3	101.2	91.9	102.5
1989	107778	102.4	102.2	101.8	102.2	100.9	100.6	92.7	102.2
1990	140664	102.2	102.0	101.8	102.2	100.9	100.6	93.0	102.1
1991	163520	101.9	101.5	101.1	101.5	100.4	100.6	93.6	101.4
1992	187856	101.6	101.4	100.9	101.3	100.2	100.8	94.1	101.2
1993	223603	101.9	100.9	100.8	100.9	100.3	100.8	94.3	100.9
1994	248849	101.6	100.6	100.7	100.6	100.2	100.5	94.9	100.7
1995	282903	101.6	99.9	100.2	99.9	99.9	100.4	95.1	100.1
1996	288690	101.1	100.0	100.1	99.9	99.7	100.2	95.4	100.0
1997	288184	100.8	99.9	99.8	99.7	99.5	99.9	95.7	99.7
1998	299655	100.4	99.8	99.5	99.4	99.1	99.8	96.2	99.4
1999	292790	100.6	99.4	99.4	99.1	99.1	99.8	96.3	99.2
2000	282832	100.1	99.4	99.1	98.8	98.8	99.5	96.8	98.9
2001	285527	100.2	99.3	99.2	98.9	99.0	99.6	97.2	99.0
2002	273925	100.1	99.5	99.3	99.1	99.1	99.7	97.6	99.2
2003	277715	100.3	99.3	99.5	99.1	99.3	99.9	97.7	99.2
2004	276181	100.0	99.2	99.3	98.9	99.2	99.9	98.0	99.1
2005	266622	99.8	99.3	99.2	98.9	99.1	100.0	98.2	99.0
2006	274164	99.3	99.6	98.9	98.9	98.8	99.2	98.7	98.9
2007	273749	99.3	99.6	99.0	98.9	98.8	99.3	99.1	98.9
2008	292448	99.3	99.8	99.1	99.1	99.0	99.4	99.4	99.1
2009	287127	99.7	100.0	99.6	99.6	99.6	99.8	99.8	99.6
2010	274400	100.0	100.1	100.0	99.9	100.0	100.0	99.9	99.9
2011	271752	100.1	100.5	100.4	100.4	100.4	100.0	100.0	100.4
2012	276509	100.1	101.0	100.9	101.0	100.8	100.2	100.3	101.0
2013	287934	100.2	101.3	101.3	101.5	101.3	100.4	100.6	101.5
2014	289970	100.1	101.8	101.6	101.9	101.6	100.7	101.2	101.9
2015	280508	100.0	101.9	101.7	102.0	101.6	100.9	101.5	101.9
2016	251790	100.2	101.9	102.0	102.3	102.0	101.0	101.9	102.3
2017	169552	100.2	102.0	102.3	102.5	102.3	101.1	102.4	102.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1655	98.3	83.3	100.5	104.4	106.8
1981	1981	98.4	87.7	99.7	103.3	105.8
1982	2223	98.5	89.8	99.5	103.1	105.3
1983	3082	98.8	92.5	99.2	103.0	105.3
1984	4469	98.8	93.6	99.1	102.7	105.0
1985	6274	99.0	95.0	99.1	102.6	105.0
1986	9604	99.1	96.0	98.9	102.4	104.6
1987	15321	99.1	96.6	98.5	102.0	104.1
1988	24174	99.0	96.9	98.3	101.5	103.6
1989	36624	99.5	97.0	98.0	101.0	103.0
1990	50698	99.4	97.0	97.9	100.9	102.8
1991	67504	99.1	96.2	97.5	100.0	101.9
1992	96843	98.9	96.6	97.5	99.9	101.8
1993	108895	98.8	96.9	97.6	100.0	101.7
1994	114864	99.1	97.5	97.5	99.7	101.4
1995	135186	99.1	97.1	97.3	99.2	100.7
1996	136006	99.2	96.9	97.5	99.4	100.4
1997	135125	99.0	96.9	97.8	99.6	100.4
1998	138588	99.0	96.8	97.6	99.2	99.9
1999	139057	99.0	97.2	97.8	99.1	99.9
2000	136520	99.1	97.6	98.0	99.2	99.7
2001	136426	99.3	98.1	97.9	98.9	99.4
2002	129478	99.5	98.2	98.0	98.8	99.0
2003	130988	99.5	98.4	98.2	99.1	99.3
2004	132375	99.2	98.1	98.5	99.2	99.6

2005	128564	99.3	98.6	98.5	99.0	99.4
2006	131663	99.6	99.1	99.0	99.4	99.7
2007	122158	99.7	99.5	99.2	99.4	99.7
2008	124019	99.9	99.8	99.4	99.6	99.8
2009	122283	99.8	99.7	99.7	99.8	100.0
2010	119214	100.0	100.0	100.0	100.0	100.0
2011	115833	100.2	100.3	100.7	100.6	100.3
2012	112886	100.2	100.3	101.2	101.0	100.5
2013	112763	100.2	100.4	101.6	101.4	100.8
2014	107064	100.0	100.6	102.3	102.1	101.2
2015	93744	99.6	100.9	103.0	102.7	101.6
2016	81312	99.3	101.2	103.6	103.1	101.9
2017	30037	98.8	101.3	104.3	103.6	102.2
2018	12	99.8	102.3	106.1	104.3	102.5

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	2589	-219.7	-533.7	-151.0	106.5	104.6	90.1	89.0	99.0
1981	3160	-218.3	-518.7	-153.1	105.3	104.3	90.1	90.0	99.2
1982	3547	-212.3	-492.9	-165.2	104.9	103.5	90.8	90.9	99.1
1983	5204	-205.8	-476.1	-184.1	104.8	103.4	91.0	91.5	99.5
1984	8013	-209.7	-467.0	-250.1	104.6	103.4	90.8	91.5	99.5
1985	12650	-187.8	-458.9	-297.3	104.5	103.4	91.0	91.9	99.5
1986	20386	-189.6	-443.8	-338.5	104.1	103.1	91.3	92.3	99.3
1987	34710	-191.4	-424.8	-380.5	103.6	103.0	91.5	92.4	99.1
1988	62335	-193.5	-405.4	-409.3	103.1	102.5	91.5	92.4	99.2
1989	92094	-187.9	-383.8	-406.4	102.4	102.2	92.0	92.9	99.1
1990	118620	-180.5	-367.0	-389.9	102.2	102.1	92.2	92.7	99.1
1991	132021	-169.7	-329.6	-360.4	101.2	101.4	93.0	93.3	99.2
1992	153559	-160.1	-305.7	-333.1	101.1	101.2	93.3	93.7	99.2
1993	182814	-153.1	-287.9	-324.3	101.1	100.9	93.3	94.0	99.6
1994	197472	-145.9	-266.5	-308.0	100.7	100.7	93.3	94.3	99.7
1995	235095	-131.2	-231.6	-244.0	100.0	100.1	93.7	95.0	99.5
1996	237971	-119.8	-209.7	-207.2	100.0	100.0	94.0	95.2	99.4
1997	237804	-109.9	-189.2	-195.5	100.1	99.7	94.6	95.6	99.2
1998	246409	-108.9	-172.4	-202.6	99.6	99.4	94.6	95.7	99.1
1999	250847	-105.2	-158.1	-202.4	99.5	99.2	95.0	95.7	98.7
2000	241845	-95.0	-134.7	-176.0	99.4	98.9	95.2	95.9	99.0
2001	245791	-88.8	-124.6	-158.6	99.1	99.0	95.6	96.4	98.9
2002	230627	-79.4	-111.4	-133.1	98.8	99.2	95.9	96.8	99.0
2003	230719	-71.4	-102.1	-128.1	99.2	99.2	96.6	97.3	99.1
2004	233325	-59.4	-81.6	-99.1	99.4	99.1	97.2	97.6	99.2
2005	231895	-54.2	-71.6	-92.9	99.1	99.0	97.5	98.1	99.4
2006	248026	-42.8	-52.7	-73.6	99.6	98.9	98.1	98.4	99.6
2007	238161	-33.8	-37.3	-48.7	99.5	98.9	98.5	98.8	99.3
2008	248359	-25.7	-28.6	-33.5	99.7	99.1	99.0	99.1	99.5
2009	242075	-11.9	-15.7	-1.3	99.9	99.6	99.4	99.3	99.7
2010	237337	-0.2	0.3	17.8	100.0	99.9	99.8	99.6	99.8
2011	237881	16.5	17.1	60.2	100.5	100.4	100.2	99.7	100.0
2012	241072	31.7	26.8	92.9	100.8	101.0	101.0	100.2	100.3
2013	253577	47.1	40.2	127.1	101.1	101.5	101.4	100.6	100.7
2014	250430	69.5	60.1	173.5	101.8	101.9	102.2	101.5	101.2
2015	227259	89.7	86.1	218.8	102.3	101.9	102.9	102.2	101.4
2016	203071	114.2	114.6	269.3	102.7	102.3	103.5	103.2	102.0
2017	114215	133.5	137.6	318.3	103.1	102.5	104.1	103.7	102.5
2018	15	159.3	183.7	416.1	103.6	101.8	106.9	102.0	103.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	99	96.0	96.6	98.2	96.6	97.2	98.9	100.0
1981	224	96.6	97.6	98.4	96.8	98.0	98.8	99.6
1982	303	96.6	97.5	98.5	96.8	97.8	98.8	99.2
1983	316	97.3	97.5	98.9	98.1	97.9	99.4	99.1
1984	412	96.8	96.4	98.8	98.1	97.1	99.3	99.5
1985	615	97.5	97.2	98.9	98.5	98.0	100.1	99.6
1986	1417	97.5	96.9	99.3	98.5	97.9	100.5	99.3
1987	2843	97.2	96.5	99.2	98.0	98.0	100.2	99.6
1988	5518	97.7	96.3	99.9	99.0	97.5	100.4	99.5
1989	10643	98.5	96.4	100.5	100.0	97.4	101.0	99.4
1990	17581	98.7	96.5	100.7	100.2	97.3	101.0	99.4
1991	22041	99.4	97.0	101.1	100.6	97.9	100.9	100.0
1992	27943	99.4	97.1	101.1	100.6	97.7	101.1	100.1
1993	36219	98.6	96.8	100.5	99.9	97.4	100.8	99.9
1994	42207	98.5	96.8	100.9	99.3	97.5	100.6	99.2
1995	82644	98.7	97.9	100.7	99.1	98.2	99.9	99.2
1996	68860	99.1	98.4	100.8	99.3	98.4	99.9	99.3
1997	94025	99.0	98.6	100.8	99.3	98.0	99.7	99.0
1998	111201	99.0	98.3	100.9	99.5	97.8	99.6	98.6
1999	117145	98.9	98.3	100.9	99.4	97.5	99.7	98.5
2000	117771	98.9	98.7	100.8	99.0	97.9	99.6	98.6
2001	120238	98.9	99.0	100.7	99.0	98.0	99.8	98.6
2002	120253	99.1	99.2	100.7	99.1	98.0	99.9	98.5
2003	127559	99.0	99.0	100.5	99.4	98.0	99.6	98.5
2004	130957	99.1	98.8	100.6	99.6	98.0	99.5	98.4
2005	127040	99.2	98.6	100.8	99.8	98.2	99.8	98.5
2006	133210	99.5	99.2	100.5	99.9	98.6	100.1	98.7
2007	126852	99.7	99.6	100.2	100.0	99.1	100.0	99.1
2008	130518	99.7	99.8	100.0	100.0	99.3	100.0	99.4
2009	130358	100.0	100.0	100.2	100.1	99.7	100.1	99.9
2010	127544	100.1	100.1	100.0	100.1	100.1	100.0	100.1
2011	124465	100.6	100.5	100.1	100.5	100.6	99.9	100.7
2012	121846	101.0	100.8	100.2	100.8	100.9	100.0	101.0
2013	123567	101.1	100.8	100.5	100.9	101.0	100.2	101.0
2014	118912	101.6	101.1	100.7	101.2	101.3	100.7	101.3
2015	104609	101.9	101.4	100.8	101.3	101.7	100.9	101.7
2016	91126	102.3	101.7	100.9	101.6	102.1	101.3	101.8
2017	34067	102.5	102.0	100.9	101.6	102.5	101.4	102.0

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1397	98.2	100.2	98.2	100.2	96.8	100.1
1981	1786	98.2	100.4	98.2	100.4	96.8	100.3
1982	2248	98.0	100.6	98.0	100.6	96.6	100.4
1983	3463	98.1	100.9	98.1	100.9	96.9	100.8
1984	5412	98.1	100.9	98.1	100.9	96.7	100.6
1985	8389	97.9	100.9	97.9	100.9	96.6	100.8
1986	13525	97.8	100.8	97.8	100.8	96.5	100.6
1987	22984	97.4	100.8	97.4	100.8	96.4	100.8
1988	38850	97.4	100.8	97.4	100.8	96.5	100.8
1989	60639	97.6	100.7	97.6	100.7	96.8	100.7

1990	91107	97.8	100.7	97.8	100.7	97.1	100.6
1991	121765	98.1	100.7	98.1	100.7	97.3	100.6
1992	150261	98.1	100.7	98.1	100.7	97.4	100.7
1993	216464	98.7	100.7	98.7	100.7	97.8	101.0
1994	250856	99.1	100.5	99.1	100.5	98.1	100.7
1995	315890	99.4	100.2	99.4	100.2	98.3	100.3
1996	326118	99.4	100.1	99.4	100.1	98.3	100.3
1997	334823	99.2	99.9	99.2	99.9	97.9	100.1
1998	350008	99.5	99.7	99.5	99.7	98.3	99.7
1999	353714	99.1	99.5	99.1	99.5	97.8	99.6
2000	346594	99.2	99.7	99.2	99.7	98.0	99.9
2001	340031	99.3	99.5	99.3	99.5	98.1	100.0
2002	333059	99.9	99.3	99.9	99.3	99.0	100.0
2003	332463	99.8	99.5	99.8	99.5	99.0	99.9
2004	328558	99.9	99.4	99.9	99.4	99.2	99.9
2005	307560	100.0	99.5	100.0	99.5	99.2	100.1
2006	305933	100.3	99.6	100.3	99.6	99.4	99.9
2007	303340	100.0	99.3	100.0	99.3	99.4	99.9
2008	328754	99.9	99.7	99.9	99.7	99.7	99.9
2009	329972	99.9	99.9	99.9	99.9	100.0	100.1
2010	314154	100.0	99.9	100.0	99.9	100.4	99.9
2011	303585	100.2	99.9	100.2	99.9	101.0	99.8
2012	308309	100.4	100.0	100.4	100.0	101.3	100.0
2013	320563	100.5	100.3	100.5	100.3	101.6	100.3
2014	329991	101.1	100.5	101.1	100.5	102.1	100.6
2015	337803	101.2	100.7	101.2	100.7	102.1	100.8
2016	328914	101.5	101.1	101.5	101.1	102.3	101.2
2017	282151	101.7	101.5	101.7	101.5	102.6	101.5
2018	263464	101.9	101.9	101.9	101.9	102.8	101.7
2019	193245	102.0	102.1	102.0	102.1	102.9	101.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1691	99.1	103.8	100.5	80.6	84.2	84.0
1981	2082	98.9	103.7	100.5	84.1	87.4	87.2
1982	2345	98.0	104.1	101.4	86.7	89.7	89.9
1983	3789	98.2	104.2	101.1	90.4	93.3	93.6
1984	5575	98.3	104.2	101.0	91.7	95.2	95.4
1985	7964	98.8	104.0	100.4	93.7	97.8	97.4
1986	12642	98.7	104.0	100.5	95.1	99.5	98.8
1987	19920	99.0	103.7	100.0	95.9	100.3	99.6
1988	31978	99.1	103.5	100.0	96.2	100.6	99.9
1989	44985	99.1	103.0	100.0	96.2	100.5	99.6
1990	59885	99.3	102.6	99.8	96.2	100.5	99.5
1991	74658	99.2	102.0	100.0	96.3	100.3	99.6
1992	88439	99.0	101.8	100.1	96.5	100.4	99.8
1993	99723	99.2	102.0	100.1	96.7	100.5	100.0
1994	111628	98.9	102.5	100.5	97.0	100.2	100.0
1995	132015	98.7	102.3	100.9	96.8	100.0	99.6
1996	135121	98.7	102.1	100.9	96.6	99.9	99.5
1997	131676	98.9	101.9	100.9	96.7	99.7	99.2
1998	136742	98.8	101.9	101.0	96.5	99.8	99.4
1999	139618	98.4	101.8	101.5	96.7	99.9	99.5
2000	139062	98.3	102.0	101.5	97.1	99.9	99.6
2001	141134	98.2	102.1	101.7	97.1	99.8	99.4
2002	135445	98.6	101.8	101.3	97.0	99.8	99.4
2003	141593	98.8	101.7	101.1	97.3	99.8	99.4
2004	147927	98.7	101.8	101.3	97.6	99.6	99.7

2005	152335	98.6	101.6	101.3	98.3	99.8	99.7
2006	162074	98.9	101.3	101.0	98.6	99.7	99.9
2007	180072	99.0	101.1	100.9	98.9	99.9	99.9
2008	198357	98.9	101.0	101.0	99.2	100.1	100.0
2009	208421	98.9	100.9	101.0	99.6	100.1	100.0
2010	201899	99.1	100.8	100.9	99.7	100.2	100.0
2011	200229	99.6	100.5	100.4	100.2	100.3	99.8
2012	201771	100.0	100.4	100.1	100.6	100.7	99.8
2013	207516	100.2	100.3	99.9	101.0	101.0	99.8
2014	218600	100.4	100.1	99.8	101.4	101.1	99.8
2015	215457	100.5	100.1	99.8	101.6	101.4	99.7
2016	193993	100.7	100.0	99.6	102.0	101.4	99.6
2017	141450	100.9	99.8	99.5	102.5	101.9	99.7
2018	111062	101.2	99.5	99.1	102.8	102.3	99.7
2019	79734	101.4	99.0	98.8	103.2	102.3	99.4

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	1753	104.3	110.2	94.4	101.3	107.7	96.9	103.8	99.1	106.4	98.3	99.3
1981	2200	104.2	109.4	95.0	101.4	107.6	97.0	104.1	98.2	106.8	97.6	99.9
1982	2547	104.0	108.4	95.6	100.9	106.3	96.5	103.7	98.9	106.0	98.0	101.6
1983	3760	104.1	108.9	95.3	101.1	106.8	96.6	103.8	98.8	106.6	97.9	101.9
1984	5654	104.0	109.0	95.5	101.2	106.5	97.0	103.7	98.5	106.9	98.0	102.5
1985	8363	103.6	109.1	95.5	101.2	106.3	97.3	103.4	98.2	106.8	98.1	102.6
1986	13150	103.6	108.6	95.8	101.0	106.1	97.4	103.3	98.4	106.5	98.2	102.4
1987	21374	103.5	108.4	96.6	100.6	106.3	97.5	103.2	98.4	106.3	98.4	102.0
1988	35463	103.2	107.6	96.9	100.3	106.0	97.6	102.8	98.5	106.0	98.1	101.8
1989	54159	103.0	106.8	97.4	100.1	105.6	97.5	102.7	98.5	105.5	98.1	101.6
1990	79925	102.9	106.2	97.5	99.7	105.6	97.2	102.7	98.5	105.1	98.0	101.0
1991	101775	102.7	105.7	98.4	100.0	104.7	97.9	102.5	98.8	104.6	98.6	101.4
1992	134552	102.5	105.1	98.7	100.1	104.1	98.2	102.4	98.8	104.1	98.8	101.5
1993	164760	102.3	104.7	99.0	99.8	103.8	98.5	102.2	99.1	104.1	98.9	101.4
1994	183793	102.2	103.9	99.3	99.3	103.6	98.4	101.9	99.4	103.7	98.8	101.1
1995	223384	101.7	103.5	99.3	99.2	103.0	98.8	101.3	99.7	103.5	98.7	100.9
1996	241070	101.4	103.1	99.4	99.1	102.8	98.6	101.2	99.4	103.2	98.7	100.6
1997	260496	101.4	102.7	99.8	99.0	102.6	98.6	101.1	99.6	102.9	99.0	100.4
1998	259298	101.5	102.4	100.1	99.1	102.5	98.6	101.1	100.0	102.9	98.9	100.6
1999	277078	101.3	102.2	100.3	99.2	102.1	98.9	100.9	100.1	102.6	99.2	100.6
2000	257524	101.1	101.8	100.2	99.2	101.7	99.3	100.6	100.2	102.3	99.3	100.7
2001	258733	100.8	101.7	100.1	99.2	101.4	99.6	100.3	100.3	102.1	99.4	100.6
2002	261642	100.6	101.3	100.4	99.1	101.4	99.7	100.1	100.3	101.9	99.3	100.5
2003	256750	100.5	100.9	100.5	99.1	101.0	99.7	100.1	100.3	101.5	99.5	100.4
2004	258841	100.7	100.7	100.4	99.1	101.1	99.6	100.3	100.3	101.5	99.4	100.4
2005	246452	100.5	100.5	100.6	99.2	100.7	100.1	100.2	100.4	101.2	99.8	100.3
2006	253353	100.3	100.4	100.4	99.6	100.5	100.2	100.0	100.3	101.0	99.9	100.3
2007	232863	100.1	100.2	100.4	99.7	100.2	100.3	99.9	100.3	100.8	99.9	100.2
2008	232987	100.1	100.1	100.4	99.8	100.1	100.3	99.8	100.2	100.7	99.9	100.3
2009	224189	99.9	100.3	100.1	99.9	99.8	100.4	99.8	100.1	100.6	100.1	100.2
2010	198356	100.1	100.3	99.8	99.9	100.0	100.0	100.1	100.1	100.6	99.7	100.2
2011	168663	100.3	100.3	99.6	100.1	100.2	99.6	100.4	99.7	100.6	99.4	100.4
2012	139844	100.3	100.1	99.7	100.1	100.2	99.3	100.7	99.5	100.3	99.6	100.0
2013	131988	100.1	99.7	99.9	99.9	99.9	99.4	100.6	99.3	100.2	99.7	100.0
2014	120410	100.0	99.4	100.2	99.8	99.8	99.4	100.9	98.7	99.4	100.0	99.9
2015	103024	100.2	99.3	100.3	99.8	99.8	99.4	101.0	98.6	99.6	100.1	100.0
2016	90093	100.1	99.3	100.2	99.9	99.8	99.2	101.1	98.5	99.5	100.0	100.2
2017	32453	100.2	99.3	100.3	100.0	99.7	99.2	101.2	98.4	99.5	100.0	100.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1392	98.4	100.0	98.8
1981	1785	98.9	100.1	98.9
1982	2222	98.5	100.0	98.4
1983	3446	99.0	100.3	98.8
1984	5461	98.8	100.1	98.4
1985	8504	98.6	100.0	98.2
1986	13706	98.3	99.8	98.1
1987	23390	98.5	99.8	98.3
1988	39821	98.6	100.0	98.5
1989	62301	98.4	99.8	98.3
1990	93626	98.5	99.8	98.6
1991	121823	98.7	100.1	98.4
1992	147814	98.9	100.3	98.4
1993	226484	99.1	100.7	98.6
1994	302910	99.3	100.7	98.9
1995	339857	99.7	100.8	99.1
1996	350224	99.8	100.9	99.1
1997	361813	100.0	100.8	99.4
1998	376453	100.1	100.8	99.6
1999	375332	100.0	100.6	99.5
2000	365880	100.2	100.6	99.7
2001	357908	100.2	100.6	99.9
2002	352459	100.1	100.4	99.9
2003	351824	100.2	100.4	100.0
2004	346262	100.6	100.8	100.2
2005	322602	100.5	100.6	100.2
2006	319585	100.1	100.1	100.2
2007	317517	100.0	99.9	100.1
2008	345015	100.0	99.9	99.9
2009	346247	100.0	100.0	100.0
2010	328887	100.1	100.1	99.9
2011	317833	100.2	100.3	99.9
2012	323146	100.2	100.3	100.0
2013	335454	100.4	100.5	100.0
2014	345967	100.3	100.4	99.8
2015	358106	100.3	100.3	99.7
2016	351186	100.7	100.4	99.9
2017	306894	100.8	100.3	99.8
2018	293458	100.6	100.0	100.0
2019	208583	100.5	99.7	99.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	246678	-1597.3	-7316.4	-243.7	-240.3
2002	231526	-1398.0	-6322.4	-214.9	-209.9
2003	231537	-1331.3	-6100.1	-200.0	-202.0
2004	234273	-1092.1	-5155.7	-161.7	-166.4
2005	232900	-1021.1	-4850.3	-151.8	-155.2
2006	249065	-835.7	-4031.6	-126.2	-125.7
2007	239114	-625.7	-3123.6	-94.3	-93.9
2008	249542	-494.4	-2569.7	-73.5	-74.4

2009	243526	-237.3	-1530.4	-30.6	-37.1
2010	239497	-52.5	-845.0	1.8	-11.0
2011	240440	290.8	506.1	61.2	37.8
2012	244025	549.3	1519.1	103.9	75.7
2013	257146	835.5	2616.0	153.3	116.5
2014	254980	1236.1	4268.6	222.3	173.3
2015	234940	1657.6	5932.6	297.3	232.2
2016	213101	2132.0	7743.1	380.3	299.3
2017	140083	2604.6	9569.9	460.9	367.1
2018	52006	3678.5	13541.6	640.4	523.8
2019	36557	4135.4	14847.6	725.9	587.1

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

Jaar	Aantal	Eff	Int	Gewen
1980	316	97.5	97.2	102.2
1981	509	98.6	96.8	102.1
1982	562	99.0	96.7	102.1
1983	619	98.4	97.1	102.1
1984	855	98.1	96.1	102.1
1985	979	98.4	96.0	102.0
1986	1585	98.4	96.1	102.0
1987	2505	98.3	94.9	102.0
1988	3878	98.3	94.9	102.2
1989	5524	98.5	94.9	102.4
1990	7671	98.3	94.9	102.6
1991	9278	98.6	95.5	101.3
1992	11534	98.5	95.7	101.2
1993	13837	98.5	95.8	101.3
1994	15141	98.6	95.6	101.6
1995	19378	99.0	96.1	100.9
1996	21309	99.2	96.5	101.1
1997	23112	99.1	96.4	101.1
1998	25269	99.2	96.6	100.9
1999	26436	99.3	96.5	101.0
2000	28241	99.6	97.0	100.9
2001	31228	99.8	97.0	100.7
2002	32499	100.1	97.3	100.1
2003	35919	100.0	97.1	100.4
2004	40376	99.8	97.6	100.4
2005	41837	99.8	97.8	100.8
2006	47324	99.9	98.5	100.6
2007	49836	100.0	99.0	100.4
2008	57019	100.0	99.2	100.4
2009	66356	99.9	99.5	100.3
2010	72696	99.9	100.1	100.1
2011	74576	99.9	101.1	99.8
2012	75767	99.7	102.0	99.9
2013	81002	99.6	103.0	100.1
2014	81086	99.3	104.2	100.2
2015	74818	98.8	105.1	100.0
2016	68860	98.4	105.6	100.1
2017	43916	97.8	105.6	100.1
2018	35	97.5	104.9	100.3

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

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	2631	96.8	101.5	110	-4.2	0	0.0
1981	3215	96.1	101.6	132	-3.7	0	0.0
1982	3600	96.5	101.8	170	-3.7	0	0.0
1983	5244	96.3	101.7	161	-3.4	0	0.0
1984	8047	96.1	101.2	159	-3.4	0	0.0
1985	12683	95.7	101.3	15401	-4.6	0	0.0
1986	20409	95.8	101.5	23534	-4.4	0	0.0
1987	34747	96.1	101.2	37744	-4.0	0	0.0
1988	62368	96.4	100.9	63632	-3.7	0	0.0
1989	92121	96.6	100.7	92458	-3.5	0	0.0
1990	118639	96.8	100.4	118976	-3.4	0	0.0
1991	132034	97.0	100.9	133436	-3.1	0	0.0
1992	153575	96.9	100.8	155380	-2.8	0	0.0
1993	182834	97.0	100.4	182800	-2.7	0	0.0
1994	197483	97.4	100.0	197270	-2.6	0	0.0
1995	235106	97.5	100.3	234808	-2.4	0	0.0
1996	237993	98.1	100.3	237638	-2.2	0	0.0
1997	237826	98.1	100.1	237296	-2.0	0	0.0
1998	246438	98.2	99.8	245816	-1.8	0	0.0
1999	250877	98.0	99.5	250388	-1.7	0	0.0
2000	241898	98.4	99.3	241217	-1.5	0	0.0
2001	245850	98.3	99.2	245185	-1.4	140061	96.0
2002	230700	98.5	99.1	230188	-1.3	133062	96.2
2003	230794	98.5	98.9	230385	-1.2	134909	96.6
2004	233371	98.8	99.2	233098	-1.0	136687	96.8
2005	231934	98.8	99.2	231719	-0.9	134132	97.2
2006	248080	99.2	99.4	247748	-0.6	137980	98.3
2007	238209	99.5	99.5	237953	-0.4	128721	98.8
2008	248426	99.7	99.6	248167	-0.3	131161	99.3
2009	242148	99.8	100.1	242122	-0.2	129593	99.6
2010	237413	100.0	100.1	237691	-0.0	126640	99.9
2011	237937	100.3	100.6	238531	0.2	123199	100.7
2012	241127	100.6	100.9	242259	0.3	120216	101.1
2013	253603	100.9	101.1	255119	0.4	121226	101.3
2014	250452	101.2	101.4	253265	0.7	115987	101.7
2015	227265	101.6	101.5	233353	0.9	102471	102.0
2016	203071	102.1	101.5	211904	1.1	90405	102.4
2017	114219	102.5	101.4	138083	1.4	33144	102.8
2018	15	103.6	101.8	52053	1.6	10	103.3
2019	0	0.0	0.0	37909	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	35	-2026.1	-72.7	-79.1	-97.0	30.0	-9.9	-7.8	-506.1
1981	58	-1941.3	-73.7	-78.4	-93.2	22.1	-13.4	-7.8	-504.0
1982	86	-1866.4	-69.2	-74.8	-86.8	23.6	-12.0	-3.0	-478.2
1983	111	-1872.1	-72.4	-76.7	-86.4	19.8	-14.4	-1.8	-492.5
1984	254	-1770.0	-66.5	-73.9	-81.8	21.4	-15.3	-1.8	-467.4
1985	407	-1880.9	-69.8	-75.2	-86.0	24.1	-11.3	-0.5	-480.8
1986	686	-1735.3	-64.8	-70.7	-79.3	21.5	-12.2	-0.5	-449.7
1987	1199	-1685.9	-63.1	-69.0	-77.0	20.5	-12.2	-0.3	-438.4
1988	2405	-1664.1	-60.3	-67.1	-76.1	23.5	-10.3	-0.5	-424.5
1989	3573	-1599.6	-58.1	-64.6	-73.1	22.7	-9.8	-0.5	-408.8
1990	4827	-1586.5	-58.7	-63.9	-72.6	20.7	-9.4	-0.5	-407.3

1991	6456	-1485.3	-56.3	-60.3	-67.8	17.1	-9.4	-0.4	-385.8
1992	8432	-1450.4	-56.6	-59.1	-66.2	14.2	-9.5	-0.3	-381.0
1993	9979	-1359.3	-56.2	-56.5	-62.1	8.4	-10.5	-0.3	-368.5
1994	12174	-1271.9	-45.6	-50.8	-58.1	18.0	-6.7	-0.3	-321.6
1995	13604	-1244.6	-43.4	-49.5	-56.8	19.4	-6.1	-0.3	-311.1
1996	15358	-1117.4	-39.1	-45.1	-51.0	17.1	-6.2	-0.3	-282.2
1997	16773	-1034.5	-36.3	-42.1	-47.2	15.6	-6.2	-0.3	-263.1
1998	23187	-995.9	-31.4	-38.5	-45.5	20.0	-3.1	-0.2	-237.5
1999	26199	-915.7	-27.9	-35.8	-41.8	19.5	-3.3	-0.2	-217.9
2000	32077	-738.0	-25.3	-31.1	-33.9	12.0	-5.5	-0.4	-190.8
2001	36321	-643.4	-23.0	-27.1	-30.7	9.3	-4.6	-1.8	-168.6
2002	37114	-508.4	-17.6	-23.2	-25.1	8.2	-5.8	-2.5	-139.6
2003	38831	-447.7	-14.3	-20.3	-23.2	8.8	-4.8	-3.5	-120.2
2004	40643	-353.5	-8.6	-16.3	-18.6	10.5	-3.9	-3.2	-90.5
2005	43477	-271.7	-5.6	-12.6	-14.9	9.8	-2.9	-3.2	-68.0
2006	45933	-193.7	-5.8	-10.1	-10.7	5.2	-3.2	-2.3	-56.8
2007	45909	-128.8	-3.1	-7.6	-7.8	4.8	-3.0	-2.5	-40.1
2008	49933	-73.1	-2.0	-4.8	-4.9	3.0	-1.9	-2.0	-25.3
2009	50376	-69.6	-4.1	-4.5	-3.6	0.0	-1.8	-0.5	-28.3
2010	51035	16.7	-0.1	-0.6	0.1	0.2	-0.8	-0.8	-2.6
2011	51440	98.3	3.8	2.6	4.0	0.5	-0.5	-0.6	20.0
2012	52865	154.3	6.2	4.8	6.8	0.3	-0.3	-0.3	34.7
2013	54645	187.2	7.4	6.9	8.0	-0.0	0.9	-0.7	46.4
2014	53314	246.7	9.3	9.5	10.7	-0.8	1.4	-0.7	61.7
2015	46616	305.3	11.4	12.3	13.8	-1.4	2.3	-0.2	78.6
2016	40257	395.2	14.4	15.0	18.2	-2.6	1.5	0.2	97.1
2017	20944	497.2	17.8	18.2	23.2	-4.1	0.9	0.7	118.9

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	35	89.1	96.3	89.3	89.8	100.0	96.7	94.7
1981	62	90.1	96.5	89.6	90.9	100.0	96.6	96.0
1982	87	90.4	96.8	90.8	91.6	99.8	95.7	95.7
1983	110	91.3	96.5	91.4	92.4	99.5	95.9	95.4
1984	235	91.2	96.3	92.2	92.9	99.3	95.0	95.3
1985	342	91.0	96.4	91.8	92.8	100.0	95.1	95.3
1986	588	91.2	96.2	92.3	93.2	99.9	95.0	95.2
1987	916	91.1	96.6	92.6	93.5	100.2	95.2	95.7
1988	1520	91.1	96.5	92.8	93.5	100.4	95.4	95.8
1989	1983	91.4	96.8	93.0	93.6	100.3	95.4	96.0
1990	2706	91.4	96.8	93.1	93.6	100.4	95.5	96.2
1991	3779	92.3	96.6	93.5	94.2	99.9	95.6	96.9
1992	4968	92.2	96.6	93.2	94.0	100.2	95.7	97.1
1993	5350	92.8	96.6	93.3	94.4	99.8	95.7	97.1
1994	6723	93.2	98.8	95.6	95.4	101.0	96.4	98.7
1995	7423	93.4	98.8	96.2	96.0	100.5	96.4	98.5
1996	8646	93.7	98.8	96.7	96.3	100.4	96.5	99.2
1997	10110	94.2	99.4	97.3	96.8	100.7	97.1	99.0
1998	14028	94.5	99.8	97.7	97.0	100.8	97.1	98.8
1999	16182	94.9	99.7	97.5	97.0	100.8	97.0	98.8
2000	20168	95.7	99.3	97.2	96.8	100.5	97.5	98.9
2001	22248	96.1	99.6	97.6	97.3	100.4	98.0	98.7
2002	23068	96.9	100.0	98.3	98.2	100.2	97.7	98.9
2003	24153	97.6	100.4	98.9	98.8	100.2	98.3	98.8
2004	25707	97.8	100.6	99.3	99.2	100.0	98.7	99.2
2005	27471	98.1	100.4	99.3	99.2	99.5	98.9	99.5
2006	28254	98.4	100.7	99.3	99.4	99.7	99.1	99.5

2007	28014	98.7	100.7	99.7	99.9	99.5	99.6	99.5
2008	29959	99.2	100.4	99.5	99.8	99.5	99.5	99.6
2009	30632	100.1	100.7	99.9	99.8	100.0	99.7	99.7
2010	30995	100.4	100.4	99.9	99.9	99.6	99.6	100.0
2011	30331	100.6	100.4	100.1	100.2	99.5	99.7	100.0
2012	30191	100.4	100.4	100.1	100.2	99.6	99.7	100.1
2013	29620	100.6	100.4	100.1	100.4	99.6	99.6	100.2
2014	27564	101.1	100.5	100.4	100.9	99.5	99.6	100.3
2015	23936	101.7	100.5	100.7	101.1	99.4	100.0	100.4
2016	20521	102.2	100.8	100.9	101.5	99.7	100.5	100.7
2017	6802	102.7	101.3	100.9	101.6	100.2	100.5	100.8

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

Jaar	Aantal	BA	BZ	KH	BG
1980	35	91.4	100.4	91.1	89.7
1981	62	92.4	99.9	92.1	89.7
1982	87	93.2	100.3	92.8	90.8
1983	110	93.4	100.5	93.0	91.1
1984	235	93.2	100.7	93.7	90.4
1985	342	93.3	100.6	93.8	90.8
1986	588	93.4	101.4	94.0	90.7
1987	916	93.9	101.5	94.3	91.4
1988	1520	94.4	101.1	94.6	91.9
1989	1983	94.7	101.6	94.7	92.1
1990	2706	94.9	101.6	94.8	92.2
1991	3779	94.9	102.1	94.8	92.1
1992	4968	95.1	102.0	94.9	92.4
1993	5350	95.2	102.6	94.3	92.5
1994	6723	93.9	102.6	93.6	92.0
1995	7423	94.2	102.8	93.9	92.4
1996	8646	95.2	103.3	94.0	93.3
1997	10110	96.1	103.7	93.8	94.2
1998	14028	96.0	104.1	93.6	94.3
1999	16182	96.6	103.5	94.0	94.8
2000	20168	97.4	103.1	95.2	95.8
2001	22248	97.3	103.1	95.7	95.8
2002	23068	97.6	102.7	96.5	96.0
2003	24153	97.7	102.4	96.7	96.4
2004	25707	98.0	102.8	96.6	96.9
2005	27471	98.2	102.6	96.2	97.5
2006	28254	98.8	102.0	96.9	98.1
2007	28014	98.8	101.5	97.4	98.3
2008	29959	98.7	101.1	97.9	98.3
2009	30632	99.4	100.7	98.9	99.2
2010	30995	100.2	100.2	99.6	99.9
2011	30331	101.1	100.4	99.8	100.9
2012	30191	101.4	100.4	100.0	101.4
2013	29620	101.8	100.3	100.3	101.8
2014	27564	102.1	100.1	100.6	102.3
2015	23936	102.3	99.8	100.8	102.6
2016	20521	102.5	99.9	100.8	102.8
2017	6802	103.0	99.5	101.6	103.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	35	94.7	90.8	101.9	96.5	89.4	93.3	91.7
1981	62	94.0	91.3	100.3	96.7	89.1	92.4	91.4
1982	87	94.2	91.5	100.6	96.1	89.2	92.8	92.2
1983	110	94.7	90.9	101.0	96.1	90.2	93.0	91.9
1984	235	95.1	91.5	101.2	96.5	91.2	93.6	92.7
1985	342	95.7	91.6	101.0	97.1	91.3	94.0	92.9
1986	588	96.1	92.0	101.0	97.0	92.1	94.1	93.4
1987	916	95.5	92.0	101.2	96.3	92.2	94.0	93.4
1988	1520	95.4	92.1	101.5	96.1	92.7	94.0	93.4
1989	1983	95.3	92.2	101.7	96.2	92.8	93.8	93.3
1990	2706	95.3	92.4	101.7	96.1	92.9	93.9	93.5
1991	3779	95.7	92.2	101.8	96.4	93.4	93.8	93.5
1992	4968	95.8	92.5	101.5	96.6	93.3	94.0	93.9
1993	5350	95.8	92.7	101.6	96.8	93.8	94.4	94.1
1994	6723	95.4	94.0	101.0	95.3	92.4	95.1	95.2
1995	7423	95.6	94.0	101.3	95.2	92.8	95.1	95.1
1996	8646	95.5	94.3	101.2	95.1	93.2	95.2	95.2
1997	10110	95.9	94.6	100.7	95.3	93.8	95.8	95.2
1998	14028	95.7	95.1	100.7	95.0	94.2	96.1	95.9
1999	16182	95.9	95.8	100.5	95.6	95.4	97.1	96.8
2000	20168	96.8	96.4	100.8	96.7	96.0	98.1	97.8
2001	22248	97.0	96.2	100.7	96.6	96.0	97.4	97.2
2002	23068	97.4	96.6	100.6	96.9	96.6	97.7	97.6
2003	24153	98.1	97.0	100.3	97.6	97.2	97.9	97.7
2004	25707	98.2	97.6	100.5	97.3	97.5	98.4	98.5
2005	27471	98.1	97.8	101.1	97.5	98.0	98.7	98.8
2006	28254	98.9	98.2	101.0	98.1	98.3	98.6	98.9
2007	28014	99.2	98.7	100.7	98.5	98.9	99.0	99.3
2008	29959	99.3	98.9	100.4	98.9	99.2	99.1	99.6
2009	30632	99.9	99.2	100.2	100.0	99.5	99.6	100.0
2010	30995	100.4	99.6	100.1	100.4	100.1	99.8	100.3
2011	30331	100.8	100.0	100.0	100.6	100.6	100.2	100.9
2012	30191	101.3	99.9	100.4	100.9	100.9	100.5	101.1
2013	29620	102.0	100.3	100.5	101.5	101.2	100.7	101.4
2014	27564	102.5	100.5	100.7	102.1	101.8	100.9	101.5
2015	23936	103.1	100.9	100.5	103.0	102.4	101.2	101.7
2016	20521	103.6	101.1	100.4	103.5	102.6	101.4	101.9
2017	6802	104.2	101.3	100.6	104.1	102.9	101.5	101.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	35	90.7	90.2	92.1	88.2	0.0	85.4
1981	62	91.4	91.3	91.5	88.6	0.0	85.6
1982	87	91.4	92.0	91.6	89.7	0.0	86.3
1983	110	91.3	92.4	92.1	90.1	0.0	86.8
1984	235	91.1	92.8	92.8	89.4	0.0	86.8
1985	342	91.0	93.1	93.3	89.7	0.0	87.3
1986	588	91.0	93.4	93.7	89.7	0.0	87.5
1987	916	91.6	94.1	93.2	90.5	0.0	88.0
1988	1520	91.8	94.2	93.3	91.1	0.0	88.4
1989	1983	92.1	94.4	93.3	91.3	0.0	88.6
1990	2706	92.3	94.5	93.4	91.4	0.0	88.8
1991	3779	92.7	94.8	93.7	91.4	0.0	89.2
1992	4968	92.8	94.7	93.9	91.7	0.0	89.4
1993	5350	92.8	94.7	94.2	91.7	0.0	89.5

1994	6723	95.5	97.3	93.0	91.0	0.0	89.8
1995	7423	95.6	97.5	93.3	91.4	0.0	90.2
1996	8646	96.2	97.9	93.3	92.3	0.0	91.0
1997	10110	96.7	98.5	94.0	93.2	0.0	92.0
1998	14028	96.9	98.6	93.9	93.2	0.0	92.0
1999	16182	96.8	98.7	94.7	93.8	0.0	92.8
2000	20168	96.9	98.4	95.7	95.0	0.0	93.9
2001	22248	97.2	98.6	95.7	95.0	0.0	94.1
2002	23068	97.5	99.1	96.3	95.4	0.0	94.7
2003	24153	98.1	99.6	97.1	95.8	0.0	95.6
2004	25707	98.7	99.8	97.1	96.2	0.0	96.0
2005	27471	98.9	99.5	97.3	96.6	0.0	96.4
2006	28254	99.1	99.8	97.9	97.4	0.0	97.2
2007	28014	99.4	100.0	98.4	97.7	0.0	97.8
2008	29959	99.3	100.0	98.7	97.6	0.0	97.9
2009	30632	99.7	100.3	99.5	98.7	0.0	99.0
2010	30995	99.7	100.2	100.1	99.5	0.0	99.7
2011	30331	99.8	100.4	100.5	100.5	0.0	100.5
2012	30191	99.9	100.4	100.9	101.0	0.0	101.0
2013	29620	99.8	100.5	101.5	101.5	0.0	101.6
2014	27564	100.0	100.8	102.1	101.9	0.0	102.3
2015	23936	100.4	101.0	103.0	102.2	0.0	103.0
2016	20521	100.9	101.4	103.5	102.5	0.0	103.7
2017	6802	101.1	101.8	104.1	102.9	0.0	104.3

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	43	101.4	105.1	103.0	104.1	101.0	100.1	90.1	103.7
1981	76	101.9	105.0	103.8	104.3	101.9	100.7	91.5	104.2
1982	116	101.4	104.5	103.0	103.7	101.2	100.1	91.0	103.6
1983	149	101.0	104.0	102.2	102.9	100.7	100.0	92.2	102.8
1984	325	100.6	103.6	101.7	102.4	100.3	99.7	91.7	102.2
1985	507	101.3	104.1	102.7	103.3	101.4	100.7	91.2	103.2
1986	900	100.9	103.6	102.1	102.8	100.9	100.1	91.9	102.6
1987	1539	101.2	103.7	102.2	103.0	101.2	100.2	91.6	102.8
1988	2789	101.2	103.4	102.1	102.7	101.2	100.3	91.4	102.6
1989	4082	101.1	103.3	101.9	102.5	101.1	100.3	91.4	102.4
1990	5533	100.8	103.3	101.8	102.4	100.9	100.3	91.5	102.3
1991	7564	101.2	102.8	101.8	102.2	101.1	100.5	92.7	102.1
1992	9914	101.1	102.9	101.8	102.2	101.1	100.4	92.8	102.2
1993	11313	101.6	102.4	101.9	102.0	101.4	100.6	93.0	102.1
1994	14298	101.0	102.1	101.4	101.6	100.8	100.5	93.7	101.6
1995	15760	100.7	102.0	101.0	101.3	100.4	100.1	93.9	101.2
1996	17975	100.3	101.4	100.5	100.5	99.9	99.7	94.0	100.5
1997	19702	99.6	101.7	100.2	100.4	99.5	99.8	94.5	100.4
1998	27374	99.8	101.4	100.2	100.3	99.6	100.0	94.7	100.3
1999	30274	99.7	101.3	100.1	100.3	99.6	99.7	95.2	100.2
2000	36166	100.4	100.5	100.2	99.9	100.1	100.1	95.2	100.1
2001	40903	100.0	100.5	100.2	99.9	99.9	99.9	95.8	100.0
2002	43127	99.3	100.7	99.8	99.6	99.4	99.8	97.1	99.7
2003	45741	98.8	100.6	99.5	99.3	99.1	99.7	97.8	99.4
2004	47123	98.9	100.5	99.6	99.3	99.2	99.6	97.8	99.4
2005	49150	98.9	100.7	99.8	99.5	99.4	100.0	97.8	99.6
2006	50859	98.9	100.3	99.5	99.1	99.3	100.0	98.1	99.3
2007	52904	98.7	100.5	99.5	99.2	99.3	100.0	98.7	99.3
2008	59115	99.2	100.3	99.8	99.3	99.8	100.1	99.1	99.5
2009	59514	99.4	100.7	100.3	99.9	100.2	99.9	99.7	100.1
2010	58949	99.7	100.5	100.4	99.8	100.5	100.0	99.7	100.1

2011	59217	99.5	100.6	100.3	99.8	100.5	99.9	99.8	100.1
2012	61644	99.5	100.7	100.5	100.1	100.7	100.2	99.8	100.3
2013	63007	99.4	100.9	100.7	100.3	100.9	100.3	100.1	100.5
2014	62593	99.4	101.4	101.0	100.9	101.2	100.4	100.3	101.0
2015	58494	99.4	101.6	101.1	101.1	101.3	100.2	100.5	101.2
2016	51175	99.2	101.8	101.3	101.3	101.4	100.1	101.0	101.4
2017	33284	99.1	102.0	101.4	101.6	101.5	100.1	101.4	101.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	100.7	83.0	101.2	104.1	106.1
1981	37	101.3	96.4	100.5	102.7	104.2
1982	45	100.7	90.9	100.1	102.3	104.0
1983	72	101.0	88.6	99.8	101.8	103.6
1984	144	100.0	93.0	99.4	101.5	103.2
1985	214	100.5	95.1	99.4	101.7	103.4
1986	349	100.6	97.1	99.1	101.0	102.8
1987	551	100.0	97.6	98.6	100.2	102.0
1988	926	99.9	98.3	98.8	100.3	102.1
1989	1242	99.6	98.5	98.8	100.1	102.1
1990	1914	99.9	99.2	98.5	99.5	101.7
1991	3128	100.7	99.8	98.3	99.4	101.1
1992	4923	101.0	100.0	98.5	99.5	101.2
1993	5302	100.7	100.1	98.6	99.7	101.3
1994	6557	101.0	99.7	98.5	99.2	101.0
1995	7229	101.0	99.5	98.4	99.0	100.8
1996	8391	101.0	99.6	98.5	98.8	100.6
1997	9789	101.3	100.0	98.3	98.5	100.1
1998	13543	100.9	99.3	98.8	98.9	100.1
1999	15482	100.5	99.4	98.7	98.7	99.6
2000	19441	100.5	99.1	99.1	99.1	100.2
2001	21597	100.7	99.1	98.8	98.8	99.6
2002	22376	100.6	98.9	98.5	98.3	99.1
2003	23180	100.8	99.4	98.6	98.3	99.1
2004	24707	100.7	99.2	98.9	98.5	98.9
2005	26255	101.1	99.3	99.1	98.6	99.0
2006	26842	101.3	100.0	99.3	98.8	99.2
2007	26385	101.3	100.0	99.4	98.8	99.1
2008	28243	101.1	100.0	99.5	98.8	99.1
2009	28696	100.3	100.1	100.1	99.6	100.0
2010	29220	100.3	100.2	100.4	99.7	99.9
2011	28433	100.4	100.4	101.0	100.2	100.1
2012	28200	100.4	100.5	101.5	100.7	100.3
2013	27246	100.9	101.0	101.8	100.8	100.5
2014	24940	100.8	101.4	101.9	101.0	100.4
2015	21140	100.9	101.2	102.4	101.3	100.6
2016	17905	101.0	101.4	103.0	101.8	101.0
2017	5970	100.6	101.6	103.6	102.1	101.1

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	34	-212.1	-506.1	-70.1	105.8	103.7	92.1	88.2	98.9

1981	58	-219.5	-504.0	-79.6	104.0	104.2	91.5	88.6	98.4
1982	86	-212.5	-478.2	-110.4	103.7	103.6	91.6	89.7	98.7
1983	110	-224.8	-492.5	-129.5	103.3	102.8	92.1	90.1	98.4
1984	254	-229.2	-467.4	-211.8	102.7	102.2	92.8	89.4	98.6
1985	406	-200.0	-480.8	-241.5	103.0	103.2	93.3	89.7	99.1
1986	681	-199.5	-449.7	-271.5	102.3	102.6	93.7	89.7	98.8
1987	1196	-205.5	-438.4	-332.6	101.4	102.8	93.2	90.5	98.9
1988	2398	-202.9	-424.5	-363.3	101.5	102.6	93.3	91.1	99.0
1989	3566	-198.9	-408.8	-363.7	101.4	102.4	93.3	91.3	98.8
1990	4825	-203.8	-407.3	-381.3	100.9	102.3	93.4	91.4	98.4
1991	6454	-199.4	-385.8	-372.7	100.4	102.1	93.7	91.4	98.5
1992	8429	-193.7	-381.0	-340.8	100.5	102.2	93.9	91.7	98.6
1993	9971	-187.2	-368.5	-319.5	100.7	102.1	94.2	91.7	99.0
1994	12171	-188.0	-321.6	-372.2	100.3	101.6	93.0	91.0	98.8
1995	13596	-185.7	-311.1	-367.2	100.0	101.2	93.3	91.4	99.0
1996	15350	-175.7	-282.2	-334.4	99.8	100.5	93.3	92.3	98.9
1997	16770	-169.5	-263.1	-319.5	99.3	100.4	94.0	93.2	99.2
1998	23183	-161.6	-237.5	-341.9	99.5	100.3	93.9	93.2	99.1
1999	26196	-148.2	-217.9	-312.3	99.1	100.2	94.7	93.8	99.8
2000	32069	-122.8	-190.8	-224.2	99.7	100.1	95.7	95.0	99.7
2001	36313	-115.8	-168.6	-201.6	99.2	100.0	95.7	95.0	99.5
2002	37108	-108.5	-139.6	-193.9	98.7	99.7	96.3	95.4	99.2
2003	38826	-99.7	-120.2	-169.7	98.6	99.4	97.1	95.8	98.8
2004	40643	-84.9	-90.5	-161.3	98.5	99.4	97.1	96.2	98.8
2005	43477	-66.7	-68.0	-127.4	98.7	99.6	97.3	96.6	98.8
2006	45931	-56.1	-56.8	-78.8	98.9	99.3	97.9	97.4	99.0
2007	45907	-45.1	-40.1	-53.9	98.8	99.3	98.4	97.7	98.8
2008	49927	-33.4	-25.3	-21.8	98.9	99.5	98.7	97.6	99.2
2009	50367	-20.4	-28.3	17.3	99.8	100.1	99.5	98.7	99.1
2010	51026	-3.4	-2.6	38.8	99.8	100.1	100.1	99.5	99.3
2011	51435	15.8	20.0	75.6	100.1	100.1	100.5	100.5	99.5
2012	52860	33.2	34.7	117.2	100.5	100.3	100.9	101.0	99.9
2013	54639	46.2	46.4	151.4	100.7	100.5	101.5	101.5	99.9
2014	53314	61.3	61.7	174.7	100.7	101.0	102.1	101.9	100.5
2015	46616	77.2	78.6	214.4	101.0	101.2	103.0	102.2	100.7
2016	40257	93.4	97.1	249.1	101.5	101.4	103.5	102.5	101.0
2017	20943	108.0	118.9	270.6	101.7	101.6	104.1	102.9	101.4

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1984	20	94.5	93.9	99.0	97.8	92.9	97.7	96.0
1985	13	94.9	94.7	98.6	97.8	93.8	98.2	96.2
1986	24	95.5	96.6	98.9	96.6	95.7	98.0	96.2
1987	57	95.5	95.4	99.4	97.3	95.3	97.9	96.1
1988	120	95.4	94.8	99.8	97.8	94.6	97.4	96.0
1989	176	96.3	95.7	100.1	98.4	95.9	97.8	96.5
1990	247	96.3	95.4	100.0	98.6	95.6	98.0	96.4
1991	493	94.3	95.5	97.7	95.8	96.2	97.7	97.3
1992	580	94.2	95.8	97.4	95.3	96.6	97.7	97.4
1993	684	94.2	95.6	97.6	95.5	96.1	97.6	97.2
1994	1794	95.5	97.0	99.2	95.3	96.9	98.9	96.9
1995	2853	95.8	97.1	99.4	95.7	96.9	99.3	96.7
1996	3177	95.4	96.0	99.4	96.5	95.3	99.1	96.4
1997	6318	95.4	95.4	99.7	97.1	94.9	98.3	95.7
1998	10154	95.6	96.0	99.6	97.4	95.1	97.7	95.9
1999	12589	96.4	96.7	100.0	97.7	95.5	98.4	96.2
2000	16904	96.7	97.5	99.7	97.8	96.0	99.2	96.3
2001	18325	96.6	97.7	99.4	97.2	96.5	99.0	96.5

2002	20168	96.4	97.5	99.2	97.4	96.3	98.7	96.1
2003	22460	96.8	97.8	99.2	97.9	96.5	98.6	96.5
2004	24914	97.4	98.5	99.5	98.1	97.0	98.7	96.8
2005	26512	98.3	99.2	100.2	98.7	97.6	99.1	97.3
2006	27470	98.3	99.2	99.8	98.8	97.8	99.1	98.0
2007	27632	98.8	99.9	99.7	99.0	98.5	99.3	98.6
2008	29859	98.8	99.8	99.5	99.0	98.8	99.4	98.9
2009	30613	98.9	99.9	99.3	99.2	99.3	99.5	99.3
2010	30783	99.2	100.1	99.3	99.5	99.6	99.8	99.2
2011	30132	99.7	100.8	99.2	99.7	100.3	100.0	99.5
2012	30018	100.5	101.5	99.6	100.0	101.0	100.5	99.9
2013	29627	100.8	101.7	99.6	100.2	101.3	101.0	100.2
2014	27500	101.1	101.7	100.1	100.5	101.4	101.6	100.2
2015	23732	101.7	101.8	100.6	100.9	101.7	102.2	100.3
2016	20081	102.3	102.1	101.1	101.4	102.1	102.7	100.2
2017	6687	102.3	102.0	101.1	101.4	102.2	102.9	99.9

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	20	97.2	100.6	97.2	100.6	97.5	100.0
1981	38	95.6	101.2	95.6	101.2	96.2	99.6
1982	48	96.1	101.3	96.1	101.3	96.7	99.5
1983	64	95.1	101.4	95.1	101.4	95.8	99.3
1984	157	95.6	101.0	95.6	101.0	96.1	99.0
1985	218	96.4	101.0	96.4	101.0	97.3	99.9
1986	448	96.1	101.0	96.1	101.0	96.9	99.8
1987	788	95.9	101.3	95.9	101.3	96.7	100.2
1988	1482	96.2	101.2	96.2	101.2	96.9	99.9
1989	2309	96.1	101.1	96.1	101.1	96.8	99.7
1990	3646	96.0	100.9	96.0	100.9	96.6	99.4
1991	5990	95.9	101.1	95.9	101.1	96.8	99.5
1992	8393	96.0	101.1	96.0	101.1	96.7	99.5
1993	11529	96.4	101.2	96.4	101.2	97.3	99.7
1994	15165	96.2	101.3	96.2	101.3	97.7	99.3
1995	18234	96.4	101.4	96.4	101.4	97.6	99.4
1996	21752	96.5	101.2	96.5	101.2	97.7	99.7
1997	24793	96.8	101.3	96.8	101.3	97.8	99.8
1998	34436	96.9	101.1	96.9	101.1	97.8	99.4
1999	39520	97.3	101.6	97.3	101.6	98.1	100.1
2000	48208	97.7	101.3	97.7	101.3	98.4	100.6
2001	50809	97.8	101.0	97.8	101.0	98.5	100.5
2002	54762	97.8	100.7	97.8	100.7	98.2	100.2
2003	56324	97.8	100.3	97.8	100.3	98.1	100.0
2004	57553	97.9	100.1	97.9	100.1	98.4	100.1
2005	57717	98.1	100.0	98.1	100.0	98.9	100.2
2006	56957	98.4	100.0	98.4	100.0	99.1	100.1
2007	57257	98.6	99.7	98.6	99.7	99.3	99.9
2008	64375	99.1	99.8	99.1	99.8	99.7	99.9
2009	67564	99.0	99.6	99.0	99.6	100.0	99.8
2010	67369	99.2	99.8	99.2	99.8	100.4	100.0
2011	66420	99.5	99.8	99.5	99.8	101.0	100.1
2012	68677	100.0	99.9	100.0	99.9	101.4	100.4
2013	70034	100.2	99.7	100.2	99.7	101.9	100.4
2014	71341	100.5	100.1	100.5	100.1	102.3	100.7
2015	70672	100.3	100.4	100.3	100.4	102.3	100.9
2016	68210	100.3	100.8	100.3	100.8	102.7	100.9
2017	57760	100.5	101.1	100.5	101.1	103.0	101.1
2018	53203	100.8	101.7	100.8	101.7	103.1	101.4

2019 36926 101.0 101.8 101.0 101.8 103.4 101.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	24	101.4	102.5	98.3	93.5	96.2	98.8
1981	36	99.6	102.7	100.3	92.6	94.9	96.8
1982	45	98.7	103.0	101.1	87.6	89.6	92.1
1983	71	98.4	103.4	101.5	93.2	94.7	96.9
1984	165	98.6	103.0	101.2	96.0	98.1	100.0
1985	221	99.6	102.0	100.1	90.5	92.0	93.3
1986	380	99.6	101.8	100.1	95.5	96.4	97.3
1987	592	99.6	101.8	100.2	96.4	97.8	98.9
1988	1035	99.9	101.5	99.8	97.5	99.0	99.9
1989	1412	99.4	102.1	100.2	96.9	98.9	99.7
1990	2163	99.1	102.1	100.6	97.2	99.7	100.7
1991	3160	98.8	101.9	100.9	97.7	100.0	100.0
1992	4211	98.9	101.9	100.8	98.2	100.1	99.6
1993	4606	99.1	101.5	100.6	98.7	99.7	99.3
1994	6491	98.1	101.8	101.5	98.9	99.4	100.4
1995	7615	98.0	102.0	101.7	99.1	99.5	100.0
1996	8971	98.0	102.3	101.8	98.9	99.7	99.9
1997	10047	98.2	102.5	101.6	99.2	100.4	99.8
1998	13888	97.8	102.1	101.9	99.0	100.4	100.2
1999	16016	98.2	101.2	101.6	99.7	100.0	99.4
2000	20604	98.3	100.4	101.4	99.9	99.2	98.9
2001	23512	98.0	100.5	101.8	99.6	99.2	99.5
2002	24658	97.7	101.4	102.1	99.3	99.8	100.0
2003	26695	97.3	101.4	102.5	99.4	100.2	99.8
2004	28256	97.4	101.1	102.4	99.7	100.6	99.9
2005	31720	97.7	101.0	102.1	99.9	100.8	99.9
2006	33132	98.1	100.6	101.9	99.6	100.7	100.0
2007	37325	98.4	100.7	101.6	99.3	101.0	100.5
2008	43027	98.9	100.3	101.3	99.7	100.8	100.6
2009	46662	98.8	100.1	101.4	100.1	100.8	100.2
2010	47343	98.9	99.9	101.5	100.3	100.4	100.3
2011	47166	99.1	100.0	101.5	100.4	100.4	100.4
2012	48302	99.5	99.9	101.1	100.5	100.2	100.4
2013	48947	99.8	99.6	100.8	100.6	100.2	100.5
2014	49490	100.0	99.1	100.6	101.2	99.8	100.3
2015	48057	100.0	99.0	100.5	101.5	99.9	100.5
2016	43032	100.4	98.9	100.1	101.9	99.9	100.4
2017	31504	100.6	98.8	99.9	102.1	100.1	100.6
2018	25193	100.8	98.4	99.7	102.8	100.4	100.5
2019	17430	101.0	98.1	99.4	103.2	100.5	100.4

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	23	104.9	110.6	94.8	101.3	108.0	97.4	104.2	99.3	107.0	99.3	98.5
1981	41	104.5	109.0	95.8	101.9	107.6	97.9	104.7	97.1	107.2	97.8	100.2
1982	54	104.4	108.2	96.3	101.1	106.2	96.9	104.1	98.2	106.9	98.3	102.9
1983	72	104.2	107.7	96.7	101.4	105.7	97.7	104.2	98.0	106.6	98.0	103.2
1984	172	104.2	106.7	97.2	100.9	105.1	97.3	104.3	98.0	106.5	98.0	103.0

1985	257	104.4	107.7	96.1	101.4	105.4	97.1	104.3	98.4	106.5	98.0	102.9
1986	449	104.2	106.7	96.5	100.9	105.1	97.1	104.2	98.4	106.0	98.3	102.4
1987	798	104.5	107.2	96.8	101.0	106.1	97.0	104.6	97.6	106.9	98.0	103.2
1988	1369	104.3	107.0	96.9	100.6	106.1	96.9	104.4	97.5	106.7	97.8	102.9
1989	2115	104.0	106.9	97.3	100.7	105.6	97.4	104.1	97.6	106.4	98.1	102.9
1990	3321	104.0	107.1	97.3	100.8	105.7	97.5	104.0	97.7	106.7	98.3	102.7
1991	5024	103.9	105.9	97.7	100.2	105.4	97.4	104.0	97.8	106.1	98.0	102.5
1992	7603	104.0	106.3	97.6	100.3	105.6	97.4	104.0	98.0	106.4	98.1	102.4
1993	9212	103.6	105.5	97.8	100.1	104.9	97.5	103.7	97.9	105.7	98.2	101.9
1994	11897	104.1	106.5	98.0	101.2	105.0	98.1	103.8	98.7	106.3	98.3	103.9
1995	13531	103.9	106.1	98.5	101.1	104.6	98.6	103.5	99.0	105.8	98.8	103.6
1996	17315	103.4	105.8	98.8	101.0	104.2	98.9	103.2	98.4	106.0	98.7	103.7
1997	21018	103.0	105.5	98.6	101.0	103.7	99.0	102.8	98.5	105.5	98.6	103.2
1998	27151	102.9	104.8	98.7	100.9	103.5	98.6	102.6	98.8	105.0	98.0	103.3
1999	33737	102.6	104.5	98.4	100.8	103.1	98.5	102.3	98.8	104.7	97.8	103.0
2000	37871	102.4	103.8	98.4	100.5	102.6	98.7	101.7	99.8	104.3	97.8	102.6
2001	42156	102.2	103.2	99.4	100.2	102.4	99.3	101.5	100.0	103.8	98.5	102.2
2002	48020	102.4	102.9	99.9	100.4	102.5	99.5	101.8	100.0	103.6	98.8	102.3
2003	48262	102.3	102.4	100.2	100.3	102.0	99.6	101.7	100.3	102.9	99.0	102.0
2004	50191	102.2	101.8	100.0	100.3	101.7	99.3	101.6	100.5	102.6	98.5	102.0
2005	51476	101.4	101.4	100.1	100.1	101.2	99.7	100.9	100.1	102.3	98.7	101.7
2006	51560	101.4	100.9	100.3	99.7	100.9	99.7	100.8	100.6	101.8	99.0	101.2
2007	48349	101.0	100.6	100.4	99.5	100.5	99.9	100.6	100.2	101.3	99.2	100.8
2008	50902	101.0	100.2	100.4	99.3	100.4	99.9	100.8	100.2	101.0	99.5	100.5
2009	52495	100.5	100.5	99.8	99.8	100.1	100.1	100.5	99.5	100.8	99.4	100.5
2010	48357	100.4	99.7	100.2	99.2	99.9	99.9	100.4	99.7	100.4	99.3	100.1
2011	41980	100.3	99.1	100.4	98.8	99.7	99.8	100.3	99.7	100.2	99.2	100.0
2012	35484	100.3	98.9	100.5	98.5	99.8	99.7	100.4	99.5	100.2	99.3	99.9
2013	32615	100.4	98.7	100.7	98.4	99.9	99.7	100.5	99.4	100.4	99.5	100.1
2014	28643	100.2	98.2	101.2	98.4	99.7	99.8	100.5	99.3	99.6	99.8	99.8
2015	23950	100.1	97.8	101.5	98.4	99.3	100.2	100.4	99.3	99.6	100.1	99.8
2016	20407	99.8	97.8	101.5	98.5	99.1	100.2	100.4	98.7	99.4	100.1	99.8
2017	6673	99.9	97.9	101.6	98.8	99.2	100.1	100.5	98.6	99.5	100.1	100.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	20	99.8	100.6	100.5
1981	35	99.6	100.3	100.2
1982	48	99.2	100.1	99.6
1983	65	99.3	100.1	99.8
1984	156	99.1	99.8	99.5
1985	219	99.5	100.1	100.0
1986	456	99.1	99.7	100.1
1987	799	99.2	99.6	100.0
1988	1503	99.2	99.6	100.1
1989	2356	99.1	99.5	100.0
1990	3725	99.1	99.6	99.7
1991	5936	98.6	99.2	99.8
1992	8224	98.2	99.1	99.8
1993	11911	98.3	99.3	100.0
1994	17155	98.9	99.8	100.0
1995	19744	98.9	99.9	99.6
1996	23612	98.8	100.0	98.9
1997	27038	98.7	99.8	98.8
1998	37344	98.8	99.8	99.3
1999	42958	99.1	100.1	99.7
2000	51993	98.9	100.0	100.0
2001	54485	99.2	100.0	100.1

2002	59110	99.5	100.2	99.9
2003	60681	99.6	100.3	99.8
2004	61456	100.1	100.6	100.2
2005	61437	100.4	100.6	100.6
2006	60093	100.4	100.7	100.3
2007	60249	100.5	100.6	100.2
2008	67787	100.3	100.4	100.1
2009	71199	100.3	100.1	100.4
2010	70593	100.1	99.9	100.2
2011	69594	100.3	100.1	100.2
2012	72079	100.8	100.4	100.5
2013	73347	101.0	100.5	100.7
2014	74866	100.7	100.3	100.5
2015	74585	100.8	100.3	100.4
2016	72672	101.3	100.8	100.5
2017	62787	101.7	101.2	100.8
2018	58927	101.8	101.0	101.1
2019	39822	101.9	101.0	101.1

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36330	-1936.2	-8181.5	-305.7	-288.4
2002	37172	-1799.9	-7596.2	-280.4	-270.2
2003	38866	-1592.9	-6854.2	-244.3	-240.7
2004	40710	-1442.5	-6336.4	-216.3	-220.1
2005	43570	-1159.0	-5217.5	-169.8	-178.4
2006	46079	-830.2	-3798.8	-119.2	-128.9
2007	46074	-617.3	-2955.5	-82.8	-98.4
2008	50212	-366.5	-1961.3	-44.5	-60.1
2009	50733	-131.9	-935.4	-9.2	-24.4
2010	51523	108.0	-41.8	30.7	10.7
2011	51986	434.3	1229.2	87.6	56.9
2012	53530	769.4	2554.5	145.4	104.6
2013	55327	1045.1	3601.5	189.7	145.7
2014	54245	1275.4	4534.1	226.6	179.8
2015	48015	1614.6	5846.9	281.7	229.9
2016	42291	1936.4	7205.8	336.8	275.6
2017	25945	2218.6	8407.3	382.8	316.9
2018	8849	3013.4	11404.8	518.1	431.5
2019	5935	3666.4	13444.8	640.3	521.3

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

Jaar	Aantal	Eff	Int	Gewen
1982	11	100.1	98.5	101.1
1983	20	101.0	97.2	101.2
1984	41	100.2	97.7	100.7
1985	32	100.1	98.0	101.0
1986	65	101.0	97.4	101.2
1987	77	100.8	97.0	101.2
1988	138	100.8	97.0	101.4
1989	173	101.0	97.1	101.5
1990	212	100.7	96.7	101.4

1991	328	101.2	96.9	101.5
1992	462	101.5	96.7	101.3
1993	521	101.5	96.5	101.4
1994	793	101.6	93.5	102.2
1995	862	101.6	94.1	102.1
1996	1139	101.8	94.2	102.0
1997	1549	101.6	94.5	101.6
1998	2291	101.4	94.3	101.7
1999	2941	100.9	94.6	101.7
2000	3953	101.2	95.1	101.1
2001	4771	101.3	95.5	100.9
2002	5488	101.3	96.1	100.9
2003	6076	101.1	96.8	100.7
2004	6993	101.2	97.2	100.9
2005	7964	101.5	97.4	101.1
2006	9009	101.5	98.1	100.7
2007	9316	101.6	98.6	100.6
2008	11431	101.3	99.0	100.4
2009	13208	100.4	99.3	100.7
2010	15055	100.5	100.1	100.3
2011	15583	100.7	101.4	100.0
2012	16024	100.7	102.6	99.8
2013	17107	101.1	103.9	99.5
2014	16585	101.2	105.2	99.5
2015	14722	101.2	106.4	99.3
2016	13109	101.0	107.5	99.3
2017	7894	100.7	107.6	98.8

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	35	96.6	99.2	1	-4.8	0	0.0
1981	58	95.9	99.1	3	-3.7	0	0.0
1982	86	96.4	99.4	1	-4.4	0	0.0
1983	111	96.1	98.8	2	-3.0	0	0.0
1984	254	95.5	98.1	4	-3.0	0	0.0
1985	407	94.8	97.8	442	-4.9	0	0.0
1986	686	95.2	97.8	761	-4.6	0	0.0
1987	1199	94.9	97.7	1279	-4.3	0	0.0
1988	2405	95.2	97.6	2431	-4.1	0	0.0
1989	3573	95.3	97.7	3584	-3.9	0	0.0
1990	4827	95.1	97.5	4843	-3.8	0	0.0
1991	6456	95.3	97.1	6535	-3.6	0	0.0
1992	8432	95.2	97.1	8535	-3.6	0	0.0
1993	9979	95.1	96.9	9978	-3.5	0	0.0
1994	12174	94.7	97.1	12164	-2.8	0	0.0
1995	13604	95.3	97.2	13599	-2.7	0	0.0
1996	15358	95.5	97.0	15344	-2.5	0	0.0
1997	16773	95.4	96.8	16761	-2.2	0	0.0
1998	23187	95.4	97.1	23183	-2.0	0	0.0
1999	26199	95.3	97.0	26182	-1.8	0	0.0
2000	32077	95.8	97.5	32064	-1.6	0	0.0
2001	36321	96.5	97.7	36304	-1.5	22245	97.8
2002	37114	96.5	97.5	37116	-1.2	23067	98.4
2003	38831	96.6	97.6	38836	-0.9	24153	98.9
2004	40643	96.7	97.8	40700	-0.7	25707	99.2
2005	43477	97.0	98.0	43557	-0.6	27471	99.0
2006	45933	97.8	98.5	46014	-0.4	28253	99.4
2007	45909	98.0	98.6	46007	-0.3	28014	99.5

2008	49933	98.1	98.9	50096	-0.2	29959	99.5
2009	50376	97.9	99.4	50596	-0.1	30631	100.3
2010	51035	98.3	99.4	51295	0.0	30995	100.1
2011	51440	98.8	99.5	51749	0.2	30331	100.2
2012	52865	99.1	99.8	53250	0.3	30189	100.2
2013	54645	99.3	100.0	55074	0.4	29617	100.3
2014	53314	99.7	100.0	53928	0.5	27564	100.5
2015	46616	100.2	100.3	47749	0.6	23936	100.8
2016	40257	100.8	100.2	42032	0.9	20521	101.3
2017	20944	101.3	100.0	25374	1.1	6802	102.0
2018	1	97.0	97.0	8856	1.3	0	0.0
2019	0	0.0	0.0	6161	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	-2465.9	-76.6	-86.8	-112.0	45.6	-1.0	0.8	-550.1
1981	3585	-2409.2	-71.6	-83.3	-109.4	49.3	1.4	0.7	-524.5
1982	7659	-2373.4	-70.6	-83.1	-107.8	48.2	-0.2	0.7	-521.2
1983	15878	-2246.4	-66.3	-79.5	-102.0	45.7	-1.4	0.7	-495.6
1984	27564	-2246.6	-66.2	-78.4	-102.0	46.0	0.4	0.7	-491.3
1985	45271	-2292.1	-66.3	-78.2	-104.0	49.3	3.2	0.7	-491.2
1986	65874	-2283.1	-64.8	-76.2	-103.6	51.2	5.8	0.7	-479.6
1987	86079	-2199.8	-62.8	-73.5	-99.8	48.3	5.6	0.7	-462.9
1988	112345	-2114.9	-59.5	-70.4	-96.0	47.2	5.8	0.7	-442.2
1989	115827	-2046.8	-55.7	-68.1	-92.9	48.0	5.5	0.7	-424.2
1990	99205	-1980.6	-54.1	-65.7	-89.8	45.8	5.6	0.7	-410.2
1991	78142	-1805.7	-48.9	-59.8	-81.9	41.6	5.3	0.7	-372.3
1992	62014	-1649.9	-46.4	-55.5	-74.8	34.7	3.5	0.6	-347.6
1993	51144	-1571.3	-44.5	-52.8	-71.2	32.2	3.4	0.6	-331.5
1994	37775	-1452.3	-42.5	-49.5	-65.8	27.7	2.2	0.6	-311.8
1995	33396	-1350.0	-38.5	-45.8	-61.1	26.8	2.4	0.6	-286.9
1996	25241	-1265.8	-36.3	-42.7	-57.3	24.7	2.6	0.6	-268.6
1997	18318	-1212.9	-33.2	-40.2	-54.8	25.7	3.4	0.6	-251.0
1998	14004	-1140.2	-31.2	-38.0	-51.5	24.0	3.0	0.6	-236.5
1999	10995	-1073.3	-28.6	-35.3	-48.5	23.4	3.4	0.6	-219.6
2000	8419	-949.0	-24.8	-31.8	-42.9	21.2	2.3	0.5	-195.7
2001	6996	-877.5	-22.1	-28.9	-39.9	20.6	2.9	0.2	-176.7
2002	5397	-801.9	-22.0	-26.8	-36.4	16.5	2.2	0.3	-167.2
2003	4827	-752.9	-19.5	-25.4	-35.0	16.8	1.8	-0.8	-155.5
2004	4259	-656.3	-17.1	-22.1	-30.4	14.5	1.6	-0.5	-135.6
2005	3787	-602.1	-16.2	-20.7	-27.6	12.6	1.0	-0.1	-127.1
2006	3426	-524.1	-14.1	-16.9	-23.2	11.0	2.2	0.9	-106.0
2007	2985	-418.6	-12.9	-14.2	-18.3	7.1	1.0	0.9	-90.9
2008	2849	-316.1	-11.4	-11.3	-13.6	3.5	0.2	1.0	-74.6
2009	2418	-316.1	-9.8	-10.3	-13.5	5.2	1.4	1.1	-66.8
2010	2107	-272.7	-8.7	-8.4	-11.7	4.5	1.9	0.9	-56.3
2011	1771	-206.4	-6.2	-6.3	-8.0	3.9	1.6	1.6	-41.3
2012	1649	-184.9	-2.4	-4.0	-7.2	7.3	3.4	1.4	-23.8
2013	1600	-165.9	-1.9	-2.9	-6.4	7.0	3.9	1.4	-17.7
2014	1392	-97.4	-0.3	-1.2	-3.1	5.4	3.1	1.5	-6.8
2015	1137	12.0	4.7	2.2	2.2	5.7	2.6	1.9	19.6
2016	808	13.1	8.0	2.9	3.2	9.4	3.4	2.9	29.9
2017	346	18.7	8.1	4.2	4.1	9.0	4.5	3.7	35.3

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	2039	86.2	97.3	88.3	88.7	104.8	96.2	94.6
1981	5043	86.6	97.8	88.8	88.9	105.9	95.9	94.8
1982	11512	86.5	98.1	89.1	89.3	105.8	95.8	95.4
1983	21645	86.9	98.1	89.4	89.6	105.4	95.6	95.4
1984	30754	87.1	98.2	90.1	90.2	105.1	95.6	95.5
1985	42200	87.1	98.3	90.3	90.2	105.1	95.5	95.5
1986	53389	87.3	98.5	90.5	90.3	105.1	95.2	95.4
1987	59310	88.1	98.3	91.1	90.8	104.5	95.5	96.2
1988	63622	88.4	98.5	92.1	91.5	104.0	95.6	96.9
1989	58807	88.9	98.7	92.6	91.9	103.7	96.0	97.0
1990	49567	89.1	98.5	92.7	92.0	103.4	96.5	96.9
1991	39821	89.8	99.0	92.9	92.4	103.1	96.5	96.5
1992	32255	90.2	99.1	93.2	92.6	102.7	96.7	96.6
1993	24883	90.4	98.9	93.2	92.5	102.5	96.6	96.8
1994	17370	90.6	98.4	93.3	92.9	101.8	97.1	97.2
1995	14988	90.8	98.1	93.4	93.2	101.4	97.0	96.5
1996	10900	91.2	98.3	93.7	93.7	101.2	97.2	96.4
1997	7823	91.8	98.2	94.1	94.1	100.9	97.3	96.4
1998	5847	92.3	98.4	94.6	94.6	100.7	97.0	96.4
1999	4572	92.7	98.5	94.9	95.0	100.6	97.8	96.6
2000	3491	93.6	98.4	95.5	95.5	100.2	98.3	97.2
2001	2850	94.1	98.3	95.6	96.2	99.9	98.3	97.3
2002	2264	94.4	98.0	95.6	96.4	99.5	98.6	97.3
2003	1953	94.9	98.6	96.3	96.8	99.3	98.6	97.2
2004	1745	95.4	98.3	96.5	97.2	98.9	99.0	97.3
2005	1566	95.8	98.6	96.7	97.3	99.0	99.3	97.9
2006	1317	96.6	99.3	97.2	97.2	99.7	99.3	98.7
2007	1038	96.9	99.1	97.5	97.7	99.2	99.4	98.6
2008	995	97.7	99.4	98.0	98.2	99.4	99.8	99.2
2009	865	97.3	99.4	97.7	97.3	99.9	99.3	99.0
2010	709	97.7	99.2	97.6	98.0	99.8	99.4	99.1
2011	532	97.9	99.6	98.3	98.7	100.2	99.2	99.0
2012	417	98.2	100.2	98.7	99.2	100.7	99.2	98.9
2013	399	98.7	100.3	98.8	99.2	100.7	99.3	99.2
2014	322	99.2	100.2	98.8	99.6	100.4	99.9	98.8
2015	289	99.2	100.0	98.9	99.7	100.1	99.4	99.6
2016	198	99.0	100.1	98.8	99.6	100.5	99.5	99.6
2017	52	100.0	100.4	99.8	100.5	99.9	99.1	100.0

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

Jaar	Aantal	BA	BZ	KH	BG
1980	2039	93.2	99.8	93.4	90.5
1981	5043	94.3	99.7	94.2	91.7
1982	11512	94.1	100.2	94.2	91.4
1983	21645	94.5	100.4	94.6	91.7
1984	30754	94.4	100.3	94.6	91.9
1985	42200	94.6	99.9	94.8	92.1
1986	53389	94.9	99.7	94.9	92.3
1987	59310	95.3	100.0	95.0	92.5
1988	63622	95.4	100.7	94.6	92.5
1989	58807	95.5	100.9	94.8	92.7
1990	49567	95.5	100.8	94.8	92.9
1991	39821	95.3	101.0	94.5	93.3

1992	32255	95.4	101.1	94.5	93.7
1993	24883	95.9	101.0	94.7	94.1
1994	17370	96.0	100.7	94.9	94.1
1995	14988	96.1	100.7	95.2	94.7
1996	10900	96.1	101.0	95.0	94.9
1997	7823	96.2	100.8	95.0	95.2
1998	5847	96.1	101.2	94.9	95.4
1999	4572	96.3	101.4	94.8	95.4
2000	3491	96.9	101.1	95.1	96.0
2001	2850	96.8	100.7	95.3	96.2
2002	2264	96.7	100.5	95.6	96.4
2003	1953	97.0	101.1	94.9	96.6
2004	1745	97.2	100.9	95.9	96.9
2005	1566	97.6	100.9	96.1	97.2
2006	1317	97.4	100.5	96.6	97.2
2007	1038	97.9	100.1	97.1	97.5
2008	995	98.3	100.0	97.3	97.8
2009	865	98.3	100.3	97.1	97.9
2010	709	98.1	99.6	97.6	98.3
2011	532	98.6	100.0	97.5	98.2
2012	417	98.9	99.9	97.8	98.6
2013	399	99.6	100.1	97.7	99.1
2014	322	100.2	100.3	97.4	99.6
2015	289	100.6	100.3	98.0	100.2
2016	198	101.0	100.1	98.1	100.9
2017	52	102.3	100.0	98.3	101.5

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	2039	92.6	89.7	100.5	94.6	85.7	90.0	88.6
1981	5043	92.9	89.8	100.4	94.7	85.8	90.4	89.0
1982	11512	92.5	89.9	100.3	94.3	85.7	90.1	89.2
1983	21645	92.4	90.5	100.4	94.2	86.3	90.7	89.6
1984	30754	92.5	90.3	100.3	94.0	87.1	91.0	89.9
1985	42200	92.7	90.2	100.3	94.2	87.8	90.9	89.7
1986	53389	92.7	90.1	100.4	94.3	88.1	91.1	89.7
1987	59310	92.8	91.0	100.2	94.2	88.7	91.9	90.4
1988	63622	92.9	91.8	100.0	93.5	89.0	92.3	91.0
1989	58807	93.2	92.4	100.1	93.8	89.1	92.6	91.3
1990	49567	93.3	92.7	99.9	93.9	89.1	93.1	91.9
1991	39821	93.5	92.6	100.6	94.3	90.3	93.4	92.0
1992	32255	93.5	92.8	101.1	94.3	91.1	94.0	92.5
1993	24883	93.2	93.0	100.9	94.3	91.5	94.3	92.9
1994	17370	93.1	93.3	100.9	94.1	91.4	94.2	93.3
1995	14988	93.5	93.6	101.5	94.3	92.1	94.5	93.7
1996	10900	93.9	93.8	101.3	94.6	92.3	94.9	93.9
1997	7823	94.5	94.0	101.2	95.1	93.0	95.4	94.3
1998	5847	94.9	94.4	100.8	95.2	93.1	95.5	94.7
1999	4572	95.3	94.7	100.8	95.3	93.4	95.6	95.0
2000	3491	95.2	95.0	100.4	95.5	94.1	95.9	95.4
2001	2850	95.5	95.6	101.1	95.8	94.8	95.7	95.6
2002	2264	95.7	96.2	101.1	95.9	94.9	95.7	95.8
2003	1953	96.4	96.6	100.9	96.3	95.4	96.6	96.5
2004	1745	96.6	96.6	100.9	96.4	96.3	97.2	97.1
2005	1566	97.2	97.2	100.8	96.8	96.6	97.5	97.6
2006	1317	97.7	97.8	100.7	97.6	96.8	97.6	97.8
2007	1038	98.1	98.2	100.7	97.7	97.0	98.1	98.2
2008	995	97.7	98.6	100.4	97.9	97.4	98.4	98.5

2009	865	98.4	97.9	100.3	98.4	97.1	98.3	98.1
2010	709	98.1	98.2	100.0	98.1	97.6	98.6	98.5
2011	532	98.5	98.8	99.6	98.9	97.9	98.8	98.8
2012	417	99.3	99.5	99.3	99.7	98.0	98.8	98.9
2013	399	99.5	99.6	100.0	100.1	98.2	99.0	99.0
2014	322	99.7	99.6	100.4	100.4	99.3	99.0	98.9
2015	289	100.6	100.2	99.8	100.8	99.6	99.0	99.6
2016	198	101.0	100.1	99.4	101.0	99.3	98.4	99.2
2017	52	101.1	100.5	99.7	101.1	100.0	98.1	98.8

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2039	90.3	92.4	88.3	89.6	0.0	84.2
1981	5043	90.6	93.4	88.6	90.9	0.0	85.3
1982	11512	91.1	93.9	88.2	90.6	0.0	85.2
1983	21645	91.0	93.9	88.6	91.0	0.0	85.6
1984	30754	91.4	94.3	88.9	91.1	0.0	85.9
1985	42200	91.4	94.4	89.3	91.3	0.0	86.3
1986	53389	91.4	94.6	89.4	91.5	0.0	86.5
1987	59310	92.1	94.9	89.9	91.8	0.0	87.2
1988	63622	92.9	95.5	90.0	91.8	0.0	87.6
1989	58807	93.4	95.8	90.3	92.1	0.0	88.1
1990	49567	93.6	95.6	90.5	92.2	0.0	88.3
1991	39821	93.6	95.7	91.2	92.4	0.0	88.8
1992	32255	93.9	95.7	91.6	92.8	0.0	89.3
1993	24883	93.9	95.4	91.7	93.2	0.0	89.5
1994	17370	94.2	95.4	91.5	93.3	0.0	89.5
1995	14988	93.7	95.2	91.9	93.9	0.0	89.9
1996	10900	93.9	95.5	92.4	94.0	0.0	90.3
1997	7823	94.1	95.7	93.1	94.2	0.0	90.9
1998	5847	94.2	96.1	93.3	94.4	0.0	91.2
1999	4572	94.8	96.3	93.6	94.4	0.0	91.5
2000	3491	95.6	96.7	93.9	95.0	0.0	92.3
2001	2850	95.6	97.0	94.4	95.1	0.0	92.7
2002	2264	95.7	96.8	94.6	95.3	0.0	92.9
2003	1953	96.1	97.1	95.2	95.5	0.0	93.5
2004	1745	96.3	97.2	95.7	95.9	0.0	94.0
2005	1566	96.9	97.5	96.2	96.3	0.0	94.7
2006	1317	97.7	98.1	96.7	96.3	0.0	95.3
2007	1038	97.7	98.1	97.1	96.6	0.0	95.7
2008	995	98.5	98.7	97.2	97.0	0.0	96.3
2009	865	98.0	98.4	97.5	97.2	0.0	96.3
2010	709	98.1	98.7	97.5	97.3	0.0	96.5
2011	532	98.2	99.6	98.1	97.4	0.0	97.0
2012	417	98.5	100.2	98.7	97.8	0.0	97.7
2013	399	98.8	100.3	99.0	98.4	0.0	98.3
2014	322	98.8	100.1	99.6	98.9	0.0	98.9
2015	289	99.0	100.3	100.1	99.6	0.0	99.6
2016	198	99.1	100.4	100.2	100.3	0.0	100.0
2017	52	99.4	100.8	100.6	100.9	0.0	100.7

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
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1980	2971	104.7	104.5	104.5	105.2	103.2	101.4	88.9	105.1
1981	7564	103.9	104.7	104.1	105.1	102.6	100.8	89.0	104.9
1982	18296	103.9	104.4	103.9	104.8	102.5	100.5	88.8	104.6
1983	34835	103.7	104.1	103.8	104.5	102.3	100.5	89.3	104.4
1984	51965	103.6	104.1	103.7	104.5	102.2	100.4	89.6	104.3
1985	73873	103.7	104.0	103.6	104.4	102.1	100.0	89.2	104.3
1986	100134	103.6	103.8	103.4	104.2	101.9	99.5	89.1	104.0
1987	122713	103.6	103.7	103.2	104.1	101.8	100.4	90.0	103.9
1988	140053	103.4	103.1	102.8	103.5	101.6	100.5	90.4	103.4
1989	138616	103.0	102.7	102.4	103.1	101.1	99.8	91.5	103.0
1990	120980	102.8	102.6	102.4	103.0	101.1	99.6	91.9	102.9
1991	98543	102.6	102.3	101.9	102.6	100.7	99.8	92.1	102.5
1992	77903	102.4	102.1	101.8	102.5	100.7	100.1	92.5	102.3
1993	63636	102.7	101.8	101.9	102.2	100.9	100.3	92.7	102.2
1994	48296	102.5	101.5	101.8	102.0	100.8	100.2	93.1	102.0
1995	40601	102.3	101.1	101.4	101.4	100.5	99.9	93.2	101.5
1996	31070	102.0	101.1	101.3	101.3	100.4	100.1	93.7	101.4
1997	22277	101.8	101.0	101.1	101.2	100.3	99.7	94.0	101.3
1998	16880	101.4	100.8	100.8	100.9	99.9	99.7	94.8	100.9
1999	12762	101.2	100.5	100.5	100.5	99.7	99.9	94.9	100.5
2000	9714	101.0	100.5	100.3	100.4	99.5	99.9	95.6	100.3
2001	8068	101.0	100.3	100.4	100.2	99.7	99.8	95.9	100.3
2002	6298	100.8	100.6	100.4	100.5	99.7	99.9	96.1	100.5
2003	5649	100.8	100.5	100.3	100.4	99.7	100.4	96.1	100.4
2004	4901	100.8	100.0	100.2	100.0	99.8	100.7	96.3	100.1
2005	4331	100.7	100.1	100.3	100.1	99.8	100.1	97.1	100.2
2006	3868	100.1	100.3	99.7	99.9	99.2	98.8	96.8	99.8
2007	3422	100.5	100.2	99.9	100.0	99.6	99.4	97.0	100.0
2008	3334	100.2	100.0	99.7	99.7	99.5	99.2	97.2	99.7
2009	2888	100.6	100.5	100.4	100.5	100.2	99.9	97.8	100.5
2010	2488	100.8	100.3	100.5	100.4	100.3	99.8	97.8	100.5
2011	2114	100.7	101.0	101.0	101.1	100.8	99.9	97.9	101.1
2012	1946	100.9	101.5	101.5	101.6	101.1	99.7	97.5	101.7
2013	1861	100.8	101.7	101.7	101.9	101.4	99.7	98.1	101.9
2014	1675	101.2	102.0	102.1	102.4	101.9	100.6	98.5	102.4
2015	1385	99.7	102.2	101.2	101.9	100.8	99.9	99.6	101.7
2016	1013	99.7	102.3	101.1	102.0	100.9	99.5	98.8	101.7
2017	508	99.8	102.4	101.3	102.2	101.1	99.5	98.8	101.9

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	974	98.7	91.8	100.1	103.9	106.8
1981	2350	98.2	94.6	99.9	103.8	106.6
1982	4817	98.5	94.8	99.6	103.7	106.4
1983	9285	99.0	95.4	99.4	103.4	105.9
1984	13796	98.9	95.6	99.1	103.0	105.5
1985	19702	99.0	95.5	99.0	102.8	105.4
1986	26333	99.2	95.6	98.8	102.5	105.1
1987	32411	99.2	96.1	98.6	102.3	104.6
1988	36491	98.9	96.4	98.5	102.0	104.3
1989	37836	99.6	96.4	98.1	101.2	103.5
1990	34702	99.6	96.5	97.9	100.9	103.3
1991	33059	99.2	95.6	97.6	100.3	102.6
1992	32366	98.7	95.9	97.5	100.0	102.4
1993	24919	98.5	96.2	97.8	100.2	102.5
1994	17332	98.7	96.7	97.8	100.2	102.3
1995	14798	99.0	96.4	97.7	99.9	101.7

1996	10657	99.3	96.4	97.8	100.1	101.6
1997	7634	99.0	96.3	98.1	100.2	101.4
1998	5659	98.9	96.2	97.9	99.7	100.9
1999	4365	98.9	96.7	98.1	99.8	101.1
2000	3297	99.0	97.2	98.1	99.6	100.9
2001	2669	99.4	97.5	98.0	99.3	100.4
2002	2155	99.7	97.7	97.8	99.0	99.5
2003	1846	99.7	97.6	97.9	99.1	99.7
2004	1624	99.0	97.3	98.3	99.4	100.3
2005	1448	99.2	97.9	98.4	99.1	99.7
2006	1227	99.5	98.6	98.8	99.6	100.1
2007	938	99.8	98.8	99.0	99.4	100.3
2008	910	99.8	99.8	99.1	99.6	100.3
2009	777	99.8	98.9	99.3	99.7	100.2
2010	632	99.9	98.6	99.5	99.8	100.4
2011	486	100.3	99.6	100.0	100.0	100.2
2012	380	100.0	100.0	100.9	101.2	101.3
2013	347	100.3	98.9	100.6	100.6	100.8
2014	278	99.9	99.4	101.6	101.5	101.6
2015	250	99.7	99.6	102.4	102.3	102.2
2016	177	99.5	99.7	102.8	102.3	102.1
2017	46	99.9	100.4	103.3	102.7	102.4

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	-232.0	-550.1	-215.3	106.3	105.1	88.3	89.6	99.7
1981	3585	-221.8	-524.5	-235.0	106.1	104.9	88.6	90.9	99.7
1982	7659	-225.4	-521.2	-240.9	105.9	104.6	88.2	90.6	99.7
1983	15878	-217.8	-495.6	-256.0	105.4	104.4	88.6	91.0	100.0
1984	27564	-226.5	-491.3	-344.8	104.9	104.3	88.9	91.1	99.9
1985	45271	-207.0	-491.2	-401.9	104.8	104.3	89.3	91.3	99.7
1986	65874	-209.5	-479.6	-442.9	104.5	104.0	89.4	91.5	99.3
1987	86079	-210.4	-462.9	-475.2	104.1	103.9	89.9	91.8	99.1
1988	112345	-211.1	-442.2	-500.9	103.7	103.4	90.0	91.8	99.1
1989	115827	-210.3	-424.2	-509.3	102.8	103.0	90.3	92.1	98.9
1990	99205	-204.5	-410.2	-499.7	102.6	102.9	90.5	92.2	98.9
1991	78142	-190.3	-372.3	-454.2	101.8	102.5	91.2	92.4	99.1
1992	62014	-177.8	-347.6	-414.9	101.6	102.3	91.6	92.8	99.3
1993	51144	-169.0	-331.5	-401.0	101.7	102.2	91.7	93.2	99.6
1994	37774	-159.2	-311.8	-373.9	101.5	102.0	91.5	93.3	99.8
1995	33396	-146.8	-286.9	-311.6	101.0	101.5	91.9	93.9	99.6
1996	25241	-136.4	-268.6	-279.1	101.1	101.4	92.4	94.0	99.7
1997	18318	-127.4	-251.0	-261.9	101.0	101.3	93.1	94.2	99.5
1998	14004	-127.3	-236.5	-268.7	100.5	100.9	93.3	94.4	99.3
1999	10995	-121.7	-219.6	-254.1	100.6	100.5	93.6	94.4	99.0
2000	8419	-109.0	-195.7	-221.3	100.4	100.3	93.9	95.0	99.2
2001	6996	-100.6	-176.7	-197.7	100.0	100.3	94.4	95.1	99.3
2002	5397	-95.2	-167.2	-181.7	99.2	100.5	94.6	95.3	99.5
2003	4827	-89.6	-155.5	-178.1	99.4	100.4	95.2	95.5	99.5
2004	4259	-76.5	-135.6	-147.4	99.9	100.1	95.7	95.9	99.5
2005	3787	-73.2	-127.1	-140.2	99.4	100.2	96.2	96.3	99.6
2006	3426	-63.8	-106.0	-111.6	99.9	99.8	96.7	96.3	99.7
2007	2985	-51.5	-90.9	-82.7	99.9	100.0	97.1	96.6	99.5
2008	2849	-43.9	-74.6	-59.3	100.0	99.7	97.2	97.0	99.6
2009	2417	-33.0	-66.8	-35.5	100.0	100.5	97.5	97.2	99.8
2010	2107	-26.2	-56.3	-17.5	100.2	100.5	97.5	97.3	99.7
2011	1771	-13.5	-41.3	16.5	100.1	101.1	98.1	97.4	99.9
2012	1649	9.1	-23.8	49.0	101.4	101.7	98.7	97.8	100.3

2013	1600	14.4	-17.7	66.8	100.8	101.9	99.0	98.4	100.5
2014	1392	32.2	-6.8	101.1	101.7	102.4	99.6	98.9	100.9
2015	1137	46.2	19.6	136.2	102.5	101.7	100.1	99.6	101.0
2016	808	54.9	29.9	156.3	102.4	101.7	100.2	100.3	101.3
2017	346	66.1	35.3	190.3	102.8	101.9	100.6	100.9	101.6

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	24	96.9	96.5	98.5	98.5	97.0	99.3	99.8
1981	39	97.4	96.6	98.7	99.5	96.9	99.3	99.9
1982	63	97.5	96.7	98.7	99.3	97.6	99.1	100.0
1983	457	99.2	97.6	99.7	100.0	100.2	101.5	100.0
1984	596	99.1	97.3	99.7	100.2	99.5	101.3	100.0
1985	1084	99.4	97.7	99.9	100.1	100.5	101.9	99.9
1986	2206	99.4	97.7	100.0	100.0	100.4	101.9	99.8
1987	3911	98.1	96.8	99.6	98.7	99.2	101.0	99.6
1988	7425	98.3	96.3	100.2	99.8	97.9	100.8	99.6
1989	10501	99.0	96.4	100.8	100.8	97.6	101.5	99.5
1990	11386	99.3	96.5	101.1	101.1	97.6	101.6	99.5
1991	11421	100.0	97.0	101.5	101.5	98.3	101.3	100.3
1992	9633	100.2	97.2	101.6	101.6	98.3	101.4	100.5
1993	8943	99.3	97.0	100.9	100.7	97.9	101.1	100.3
1994	6370	99.3	96.9	101.3	100.4	98.1	101.1	99.7
1995	8853	99.5	97.7	101.3	100.1	98.5	100.6	99.3
1996	5162	99.7	98.2	101.2	100.1	98.7	100.4	99.4
1997	4708	99.4	98.3	101.2	99.9	98.3	100.2	99.1
1998	3926	99.5	98.4	101.3	100.2	98.0	99.9	98.6
1999	3142	98.8	97.6	101.0	100.0	97.0	99.7	98.4
2000	2408	99.7	98.8	101.4	100.1	98.1	100.4	98.7
2001	2067	99.6	98.9	101.3	99.9	98.2	100.6	98.5
2002	1723	99.7	99.2	101.2	99.9	98.0	100.6	98.4
2003	1516	99.5	98.9	101.0	100.0	97.8	100.2	98.4
2004	1364	99.7	98.8	100.9	100.7	98.1	100.0	98.4
2005	1225	99.8	98.7	100.9	100.7	98.5	100.1	98.7
2006	1064	99.6	99.1	100.2	100.3	98.5	100.0	99.2
2007	879	99.8	99.7	99.9	100.4	99.1	100.1	99.5
2008	840	100.3	100.1	100.3	100.8	99.4	99.7	99.4
2009	759	100.5	100.0	100.5	100.9	99.7	99.8	100.0
2010	599	100.4	100.0	100.1	100.7	100.1	99.8	100.3
2011	463	100.9	100.7	100.2	100.7	101.0	100.6	100.7
2012	410	101.0	100.7	100.2	101.0	101.1	100.4	100.8
2013	375	101.1	100.6	100.3	101.1	101.0	100.8	100.7
2014	335	101.5	100.8	100.5	101.3	101.2	101.4	100.8
2015	257	101.4	100.9	100.3	101.1	101.2	101.3	101.1
2016	181	101.8	101.1	100.8	101.3	101.7	101.5	100.8
2017	38	102.3	101.9	100.9	101.3	102.2	101.6	101.8

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1051	97.7	101.2	97.7	101.2	96.5	101.3
1981	2884	97.7	101.4	97.7	101.4	96.5	101.5
1982	6325	97.6	101.4	97.6	101.4	96.6	101.2

1983	12872	98.0	101.4	98.0	101.4	96.8	101.3
1984	20395	98.1	101.3	98.1	101.3	96.9	101.0
1985	30071	97.9	101.1	97.9	101.1	96.6	100.9
1986	42388	97.6	100.8	97.6	100.8	96.4	100.6
1987	55000	97.4	100.7	97.4	100.7	96.4	100.8
1988	67241	97.3	100.8	97.3	100.8	96.6	101.0
1989	72431	97.5	100.6	97.5	100.6	96.8	100.8
1990	73019	97.6	100.6	97.6	100.6	97.0	100.6
1991	70001	98.0	100.6	98.0	100.6	97.3	100.7
1992	60027	98.2	100.7	98.2	100.7	97.5	100.8
1993	57709	98.6	100.7	98.6	100.7	97.7	101.1
1994	44302	99.1	100.6	99.1	100.6	98.1	100.9
1995	43250	99.4	100.2	99.4	100.2	98.3	100.4
1996	32798	99.4	100.3	99.4	100.3	98.4	100.6
1997	23899	99.4	100.1	99.4	100.1	98.3	100.4
1998	17794	99.5	99.8	99.5	99.8	98.5	99.9
1999	13666	99.3	99.6	99.3	99.6	98.2	99.7
2000	10109	99.2	100.0	99.2	100.0	98.3	100.0
2001	7857	99.4	100.0	99.4	100.0	98.5	100.3
2002	6233	99.9	99.8	99.9	99.8	99.3	100.3
2003	5327	99.7	99.9	99.7	99.9	99.3	100.0
2004	4547	99.8	99.8	99.8	99.8	99.5	99.9
2005	3921	99.6	100.0	99.6	100.0	99.1	100.2
2006	3321	99.9	99.8	99.9	99.8	99.2	99.9
2007	2811	99.7	99.7	99.7	99.7	99.2	100.1
2008	2761	99.5	99.8	99.5	99.8	99.5	100.4
2009	2452	99.5	100.1	99.5	100.1	99.9	100.5
2010	2081	99.4	100.0	99.4	100.0	100.0	100.4
2011	1773	99.8	99.9	99.8	99.9	100.7	100.2
2012	1643	100.2	100.2	100.2	100.2	101.1	100.5
2013	1577	100.1	100.6	100.1	100.6	101.1	100.9
2014	1394	100.7	100.6	100.7	100.6	101.5	101.0
2015	1141	100.6	100.4	100.6	100.4	101.4	100.8
2016	782	100.9	101.0	100.9	101.0	101.3	101.4
2017	437	100.9	101.2	100.9	101.2	101.3	101.5
2018	177	101.3	101.8	101.3	101.8	101.4	101.8
2019	113	101.5	101.2	101.5	101.2	101.5	100.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1168	99.6	103.7	100.1	87.6	90.8	89.9
1981	2836	99.4	103.7	100.1	90.9	94.5	94.5
1982	6156	98.5	104.0	101.0	92.6	96.7	97.0
1983	15255	98.7	103.8	100.8	96.0	99.5	99.4
1984	23076	98.8	103.7	100.6	96.2	100.1	99.9
1985	32004	99.4	103.4	100.0	95.5	100.1	99.2
1986	45457	99.2	103.3	100.1	95.5	100.5	99.3
1987	53521	99.3	102.7	99.9	96.1	100.5	99.5
1988	58381	99.3	102.7	99.9	96.4	100.1	99.0
1989	54211	99.0	102.2	100.2	95.9	100.0	98.8
1990	46707	99.1	101.8	100.2	95.4	100.1	98.9
1991	41800	99.3	101.2	100.0	95.5	99.9	99.1
1992	34009	99.5	100.9	99.8	95.9	99.9	99.2
1993	26124	99.6	101.2	99.9	96.0	100.0	99.4
1994	18580	99.6	101.6	100.1	96.0	99.5	98.9
1995	16280	99.1	101.6	100.8	95.4	98.8	98.3
1996	12267	99.2	101.2	100.7	95.0	98.6	98.2
1997	8676	99.1	101.2	100.9	94.9	98.5	97.9

1998	6241	99.0	101.1	101.2	94.9	98.9	98.3
1999	4848	98.6	101.3	101.6	95.6	99.4	99.2
2000	3750	98.5	101.6	101.8	95.7	98.9	98.9
2001	3189	98.3	101.8	102.1	95.5	98.8	98.9
2002	2610	99.2	101.2	101.2	95.3	99.6	98.6
2003	2346	99.5	101.1	100.8	95.8	100.3	99.2
2004	2144	99.5	101.0	100.8	96.5	100.2	99.7
2005	2098	98.8	101.1	101.5	96.3	99.2	99.6
2006	1839	99.2	101.0	101.1	96.1	98.9	99.5
2007	1673	99.3	100.7	101.0	96.9	99.4	99.6
2008	1655	99.1	100.5	101.1	97.8	100.0	99.5
2009	1463	99.3	100.4	101.0	97.9	100.1	99.6
2010	1246	99.1	100.7	101.1	97.0	99.3	98.7
2011	1081	99.7	100.3	100.6	97.9	100.0	99.1
2012	992	100.1	100.0	100.3	98.8	100.9	99.6
2013	912	100.1	100.1	100.2	98.8	101.0	99.4
2014	746	100.3	100.0	100.1	98.8	100.6	99.1
2015	561	100.5	99.8	100.0	98.9	100.7	99.1
2016	349	100.5	99.9	100.1	98.8	100.4	98.8
2017	180	101.1	99.7	99.5	100.3	101.6	99.9
2018	81	101.9	98.7	98.7	101.1	101.7	99.7
2019	53	101.5	98.9	99.1	101.4	101.2	99.1

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	1244	104.8	112.8	92.9	100.9	110.7	95.7	103.9	97.4	110.8	96.6	102.3
1981	3036	104.9	113.3	92.8	101.3	110.9	95.7	104.0	97.2	110.9	96.3	102.7
1982	6510	104.9	113.1	93.4	101.1	110.8	95.9	104.0	97.3	110.7	96.9	102.4
1983	12865	105.0	112.7	93.8	101.2	110.8	96.2	104.1	97.4	110.4	97.2	102.7
1984	19907	104.7	112.5	93.9	101.1	110.5	96.2	103.9	97.1	110.1	97.0	102.7
1985	29165	104.3	112.3	93.9	100.9	110.0	96.3	103.7	96.9	109.9	96.8	102.5
1986	40305	104.4	112.0	94.3	100.8	110.0	96.3	103.8	96.8	109.7	96.8	102.6
1987	50739	104.5	111.3	95.3	100.6	110.0	96.4	104.0	97.1	109.1	97.3	102.1
1988	61160	104.2	110.1	95.7	100.2	109.4	96.5	103.5	97.6	108.5	97.0	101.8
1989	64969	104.0	109.4	95.9	100.2	108.8	96.4	103.4	97.7	108.1	96.7	101.8
1990	64385	104.0	109.0	96.0	100.1	108.9	96.3	103.5	97.7	107.8	96.7	101.5
1991	59903	103.9	108.6	96.9	100.4	108.0	97.0	103.4	97.9	107.3	97.3	102.0
1992	54911	103.6	108.1	97.2	100.5	107.4	97.4	103.2	97.9	106.9	97.6	102.1
1993	46806	103.4	107.8	97.2	100.3	107.1	97.5	103.0	98.0	106.9	97.5	102.2
1994	35560	103.3	106.9	97.7	99.5	107.0	97.4	102.7	98.4	106.5	97.6	101.7
1995	32099	102.8	106.4	97.9	99.4	106.3	97.7	102.2	98.7	106.1	97.7	101.1
1996	26265	102.6	106.2	97.8	99.6	105.9	97.7	102.1	98.6	106.0	97.5	101.3
1997	21897	102.3	105.6	98.1	99.5	105.3	97.9	101.8	98.8	105.3	98.2	100.8
1998	15692	102.4	105.0	98.6	99.4	105.0	97.9	101.7	99.3	105.0	97.5	101.9
1999	13249	102.2	104.7	98.8	99.6	104.4	98.1	101.6	99.3	104.4	97.9	102.0
2000	9674	101.9	104.3	98.8	99.6	104.1	98.6	101.2	99.6	104.0	98.6	100.5
2001	7582	101.7	104.2	98.8	99.7	103.4	99.1	100.7	99.6	106.1	99.9	102.1
2002	6618	101.3	103.8	99.0	99.3	103.6	99.1	100.6	99.8	103.8	102.3	98.0
2003	5679	101.2	103.1	99.2	99.3	102.9	99.0	100.4	99.8	104.5	99.0	100.9
2004	5080	101.0	102.9	99.0	99.5	102.6	99.1	100.5	99.6	105.1	96.4	99.9
2005	4322	101.2	102.7	99.4	99.5	102.4	99.5	100.3	99.7	103.9	98.5	104.2
2006	3653	100.7	102.3	99.2	99.7	101.7	99.7	100.1	99.7	104.5	96.6	100.8
2007	2846	100.7	102.0	99.6	99.5	101.7	99.7	100.1	99.9	103.6	96.9	101.3
2008	2539	100.5	101.8	99.7	99.5	101.4	99.8	100.0	99.8	103.6	96.5	101.0
2009	2178	100.3	102.1	99.1	100.0	101.4	99.8	100.0	99.3	103.4	98.1	100.1
2010	1572	100.5	102.2	98.8	99.8	101.8	99.4	100.2	99.2	104.1	97.1	100.0
2011	979	102.1	102.5	99.0	99.7	102.4	98.7	101.2	98.8	112.9	99.2	103.0
2012	575	102.4	102.7	99.1	100.0	102.7	98.3	101.7	98.7	113.6	98.0	103.0

2013	481	102.3	102.2	99.4	99.7	102.4	98.6	101.5	98.6	114.2	98.5	103.1
2014	359	102.1	101.8	99.9	99.4	102.2	98.7	101.6	98.1	113.4	98.2	102.8
2015	301	102.1	101.5	99.8	99.3	102.3	98.6	101.6	98.1	113.4	98.8	102.7
2016	196	102.3	101.9	99.6	99.5	102.5	98.6	101.6	98.2	114.5	99.9	102.9
2017	47	102.3	101.7	99.8	99.5	102.3	98.1	101.9	97.8	114.2	99.0	103.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1076	98.8	100.1	98.5
1981	2932	98.7	100.1	98.5
1982	6418	98.7	100.0	98.4
1983	13087	98.7	100.1	98.2
1984	20804	98.5	99.9	98.1
1985	30869	98.0	99.6	97.9
1986	43574	97.6	99.3	97.7
1987	56719	97.9	99.5	98.0
1988	69625	98.2	99.7	98.5
1989	75001	98.0	99.5	98.2
1990	75554	97.9	99.5	98.3
1991	70665	98.0	99.7	98.1
1992	59236	98.1	99.9	98.1
1993	61093	98.4	100.2	98.3
1994	61244	98.5	100.2	98.6
1995	50278	99.0	100.4	98.7
1996	39192	99.2	100.6	98.8
1997	30175	99.3	100.5	99.0
1998	22999	99.3	100.3	99.1
1999	17997	99.0	99.8	99.1
2000	13763	99.4	100.1	99.4
2001	10699	99.2	99.9	99.5
2002	8767	99.1	100.2	99.9
2003	7714	99.3	100.2	99.5
2004	6700	99.5	100.1	99.5
2005	5624	99.5	100.2	99.6
2006	4799	98.8	99.6	99.8
2007	4163	99.3	99.9	99.6
2008	4192	99.1	100.3	99.0
2009	3789	98.5	99.4	99.3
2010	3133	99.8	100.8	99.2
2011	2640	99.0	100.2	98.9
2012	2386	99.3	100.3	98.9
2013	2259	99.6	100.6	98.7
2014	2063	100.1	101.1	99.4
2015	1846	100.4	101.4	99.4
2016	1530	100.2	101.3	99.8
2017	1089	100.4	101.3	100.0
2018	920	100.9	101.7	99.9
2019	526	100.7	101.5	99.7

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	6996	-1988.7	-9068.2	-307.1	-297.4

2002	5409	-1862.7	-8443.4	-289.9	-277.6
2003	4843	-1798.0	-8194.5	-277.2	-269.2
2004	4273	-1558.9	-7198.0	-238.7	-234.0
2005	3809	-1489.9	-6852.8	-228.6	-223.5
2006	3442	-1250.3	-5926.4	-191.9	-186.8
2007	2994	-1024.4	-4868.6	-157.0	-153.2
2008	2861	-822.8	-3931.4	-126.9	-122.5
2009	2439	-647.8	-3345.6	-95.3	-98.0
2010	2116	-489.3	-2692.4	-70.6	-74.2
2011	1796	-217.4	-1586.3	-23.4	-35.8
2012	1669	60.2	-654.1	27.7	2.7
2013	1626	206.7	-75.4	52.2	24.0
2014	1413	470.4	1104.2	96.1	61.8
2015	1161	801.4	2389.0	156.1	107.5
2016	837	976.7	2924.8	194.5	128.7
2017	366	1218.4	3763.3	233.3	165.0
2018	47	2216.4	7530.4	402.9	309.1
2019	19	2339.3	6918.2	441.1	321.5

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

Jaar	Aantal	Eff	Int	Gewen
1980	95	96.4	95.6	102.4
1981	305	95.8	95.0	102.8
1982	362	96.3	95.5	102.5
1983	870	96.9	95.8	102.2
1984	1296	97.1	95.6	102.2
1985	1644	97.6	95.6	101.9
1986	2325	97.9	95.4	101.8
1987	3779	97.8	94.5	102.1
1988	5174	97.7	94.4	102.6
1989	5250	98.0	94.6	102.8
1990	4920	97.7	94.8	102.9
1991	4514	97.7	95.7	101.2
1992	3942	97.5	96.0	100.8
1993	3172	97.4	96.1	101.0
1994	2218	97.4	96.0	101.4
1995	2089	97.7	96.5	100.9
1996	1540	97.9	96.7	101.0
1997	1234	97.8	96.7	101.2
1998	904	98.0	96.9	100.9
1999	791	98.1	96.9	101.1
2000	640	98.1	97.2	100.9
2001	595	98.4	96.7	101.5
2002	575	98.4	96.9	100.0
2003	510	98.4	97.0	100.2
2004	500	98.8	97.2	100.5
2005	504	98.8	97.1	100.8
2006	467	99.4	96.8	101.0
2007	467	99.5	97.1	100.9
2008	480	99.2	98.6	100.3
2009	528	98.3	98.2	99.2
2010	549	99.1	98.2	100.0
2011	453	99.1	99.8	100.5
2012	436	98.9	100.8	100.8
2013	419	99.3	102.3	100.1
2014	368	99.4	103.2	100.0
2015	292	98.7	104.3	99.7
2016	226	98.5	104.4	99.6

2017 123 98.2 104.1 99.4

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	96.2	101.8	26	-4.5	0	0.0
1981	3585	96.3	102.7	50	-4.5	0	0.0
1982	7659	96.4	102.7	35	-4.5	0	0.0
1983	15878	96.5	102.1	55	-4.2	0	0.0
1984	27564	96.2	101.8	66	-3.7	0	0.0
1985	45271	96.0	101.8	57306	-5.0	0	0.0
1986	65874	96.0	102.0	78020	-4.7	0	0.0
1987	86079	96.3	101.5	94329	-4.4	0	0.0
1988	112345	96.6	101.1	115316	-4.0	0	0.0
1989	115827	96.6	100.8	116509	-3.8	0	0.0
1990	99205	96.6	100.4	99719	-3.7	0	0.0
1991	78142	96.9	101.1	78993	-3.4	0	0.0
1992	62014	96.8	101.2	62781	-3.2	0	0.0
1993	51144	96.8	100.9	51217	-3.1	0	0.0
1994	37775	97.6	100.5	37786	-3.0	0	0.0
1995	33396	97.8	100.7	33412	-2.9	0	0.0
1996	25241	98.1	100.7	25257	-2.7	0	0.0
1997	18318	98.1	100.6	18336	-2.6	0	0.0
1998	14004	98.2	100.0	14016	-2.5	0	0.0
1999	10995	98.0	99.6	11013	-2.3	0	0.0
2000	8419	98.3	99.3	8433	-2.1	0	0.0
2001	6996	98.3	99.2	7005	-1.9	2849	95.2
2002	5397	98.6	99.2	5407	-1.9	2264	95.0
2003	4827	98.4	98.8	4840	-1.7	1953	95.5
2004	4259	98.7	98.6	4271	-1.6	1745	95.4
2005	3787	98.6	98.8	3805	-1.5	1566	96.0
2006	3426	98.9	99.1	3434	-1.2	1317	97.3
2007	2985	99.3	99.4	2989	-1.0	1038	97.1
2008	2849	99.6	99.0	2858	-0.9	995	97.9
2009	2418	99.8	99.5	2430	-0.8	864	97.8
2010	2107	100.1	99.8	2111	-0.7	709	97.8
2011	1771	100.1	99.9	1776	-0.5	532	98.5
2012	1649	100.0	100.1	1652	-0.3	417	99.2
2013	1600	100.4	100.0	1603	-0.2	399	99.6
2014	1392	101.1	100.3	1396	-0.1	322	99.4
2015	1137	101.4	100.4	1145	0.1	289	99.4
2016	808	101.5	99.9	819	0.3	198	99.6
2017	346	101.4	100.0	364	0.4	52	100.1
2018	0	0.0	0.0	48	0.7	0	0.0
2019	0	0.0	0.0	19	0.5	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	14675	-819.2	-23.0	-44.8	-47.0	25.0	-26.2	-16.7	-246.3
1981	27403	-727.0	-20.8	-39.8	-42.8	21.1	-22.8	-16.5	-219.7
1982	48093	-672.9	-19.5	-38.6	-40.3	18.9	-23.8	-16.4	-211.3
1983	64049	-573.7	-16.0	-36.0	-35.8	17.3	-25.2	-16.2	-191.9

1984	75520	-586.8	-14.9	-35.2	-36.4	20.5	-22.9	-16.2	-186.7
1985	74753	-621.1	-14.2	-34.7	-38.0	24.5	-19.9	-16.3	-183.6
1986	70702	-587.8	-11.4	-31.9	-36.4	26.8	-17.1	-16.2	-165.8
1987	57309	-517.6	-9.0	-29.4	-33.2	25.3	-17.0	-16.1	-149.6
1988	46275	-417.2	-6.3	-26.7	-28.7	21.9	-18.2	-15.9	-131.1
1989	34933	-356.6	-3.1	-24.9	-25.9	22.5	-18.8	-15.8	-116.1
1990	21999	-301.5	-2.1	-22.9	-23.4	19.9	-18.7	-15.7	-105.3
1991	12807	-197.6	0.8	-19.4	-18.6	16.9	-18.9	-15.5	-83.7
1992	7382	-40.4	4.1	-15.2	-11.5	10.7	-20.8	-15.3	-57.1
1993	5594	27.0	5.0	-12.8	-8.4	7.3	-20.7	-15.1	-44.5
1994	3730	159.0	8.0	-9.2	-2.4	2.9	-22.2	-14.9	-21.6
1995	2789	199.7	11.1	-7.0	-0.5	4.8	-21.1	-14.9	-5.6
1996	2074	270.4	12.9	-4.0	2.7	2.9	-20.3	-14.8	11.4
1997	1316	271.4	14.7	-3.0	2.8	5.5	-18.8	-14.7	19.3
1998	993	297.7	14.0	-2.2	4.0	2.5	-19.0	-14.7	21.4
1999	672	368.4	17.7	0.9	7.2	3.2	-18.0	-14.6	42.8
2000	527	426.8	19.9	2.7	9.9	2.8	-18.3	-14.4	55.7
2001	397	409.0	19.5	2.0	11.4	3.4	-18.4	-10.9	52.8
2002	321	481.4	20.7	4.1	16.1	0.2	-19.1	-8.7	65.3
2003	261	466.4	20.7	3.7	15.1	1.1	-19.1	-9.1	62.9
2004	285	487.8	22.1	5.6	15.5	1.3	-17.5	-10.2	74.0
2005	218	531.9	19.6	6.7	17.5	-4.0	-17.8	-10.1	74.0
2006	255	556.7	23.1	7.9	18.4	-1.1	-17.5	-10.4	86.5
2007	241	699.8	23.1	12.0	23.9	-10.3	-18.9	-11.7	104.9
2008	227	612.7	22.1	8.5	20.3	-6.4	-19.4	-11.2	87.4
2009	189	636.4	22.6	10.5	19.8	-7.3	-18.0	-13.7	96.4
2010	153	773.6	29.3	14.4	26.8	-6.0	-18.9	-12.2	128.6
2011	174	684.3	29.5	13.8	23.3	-0.5	-15.7	-11.6	125.4
2012	192	785.6	30.7	15.5	26.8	-5.1	-18.3	-13.0	136.2
2013	220	809.9	30.4	17.5	27.2	-7.0	-16.7	-14.1	143.8
2014	231	917.2	36.0	22.1	32.4	-5.8	-15.5	-13.4	176.1
2015	175	822.5	31.7	19.5	28.7	-5.9	-14.5	-12.8	155.2
2016	119	839.5	33.4	20.1	28.9	-4.5	-14.4	-13.4	161.3
2017	69	878.3	35.9	24.3	31.0	-3.5	-10.7	-12.8	184.4

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	24228	94.3	90.7	93.6	101.5	93.5	87.5	95.4
1981	42179	94.9	91.5	94.4	101.9	94.5	87.4	95.5
1982	72125	95.4	91.8	95.1	102.6	94.6	87.4	96.1
1983	87103	95.8	92.0	95.5	103.0	94.0	87.3	96.3
1984	77629	95.8	92.0	95.9	103.3	93.8	87.3	96.3
1985	60544	95.7	92.0	96.1	103.4	93.8	87.2	96.3
1986	46496	96.0	92.1	96.3	103.7	93.6	87.1	95.8
1987	30698	97.0	91.7	96.7	104.2	93.0	87.3	96.4
1988	20152	97.7	91.8	97.7	105.0	92.3	87.4	97.2
1989	13463	98.2	92.0	98.3	105.5	91.9	87.8	97.4
1990	8416	98.6	92.0	98.4	105.8	91.6	87.9	97.2
1991	4944	99.2	92.2	98.7	106.0	91.3	87.9	96.9
1992	2933	99.7	91.7	98.8	106.3	90.6	88.2	97.0
1993	1980	99.9	91.7	98.8	106.2	90.5	88.2	96.9
1994	1260	100.3	91.4	99.3	107.1	89.9	88.7	97.3
1995	870	100.8	91.3	99.6	107.2	90.0	88.6	97.2
1996	591	101.1	91.3	99.6	107.6	89.9	88.6	97.0
1997	364	101.0	91.3	99.6	107.7	90.1	88.6	97.5
1998	263	101.3	91.4	99.7	107.5	90.4	88.3	97.4
1999	151	101.5	91.6	100.3	108.1	90.4	89.1	98.1

2000	138	102.0	91.7	100.3	108.3	90.5	89.1	99.0
2001	111	101.6	91.5	99.8	107.8	90.5	89.1	99.6
2002	119	101.5	91.3	99.4	107.5	91.2	89.2	99.4
2003	71	101.8	91.8	100.1	107.7	91.0	88.8	99.5
2004	74	101.8	93.0	100.3	107.4	92.0	89.6	98.9
2005	59	102.0	92.3	100.4	107.9	91.3	88.6	101.1
2006	52	102.7	92.3	100.9	108.2	90.5	89.2	99.6
2007	44	101.9	92.1	100.2	107.6	90.8	89.0	100.6
2008	37	103.2	92.3	101.7	109.2	90.1	89.0	101.6
2009	20	103.8	93.0	101.8	108.8	90.3	89.3	100.7
2010	15	102.6	92.3	101.1	109.2	89.7	89.3	101.3
2011	24	102.2	91.6	101.4	108.8	89.6	88.8	100.5
2012	28	104.3	91.9	102.0	109.3	89.8	89.0	100.4
2013	32	104.4	92.5	101.5	108.7	90.3	89.2	101.6
2014	43	103.8	92.3	100.7	107.7	91.3	88.7	99.9
2015	30	102.6	92.7	100.4	107.6	92.3	89.8	99.8
2016	13	104.8	93.5	102.7	109.8	90.9	89.7	100.6

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

Jaar	Aantal	BA	BZ	KH	BG
1980	24228	92.6	99.8	89.7	90.4
1981	42179	93.3	99.7	90.0	91.4
1982	72125	93.3	100.1	90.0	91.4
1983	87103	93.7	100.2	90.5	91.5
1984	77629	93.5	100.0	90.6	91.5
1985	60544	93.6	99.8	90.5	91.6
1986	46496	94.0	99.7	90.8	92.1
1987	30698	94.3	100.1	90.8	92.3
1988	20152	94.6	100.8	90.3	92.4
1989	13463	94.5	101.4	90.2	92.5
1990	8416	94.8	101.4	90.3	92.9
1991	4944	94.7	101.4	90.2	93.1
1992	2933	94.4	101.8	90.1	93.4
1993	1980	95.0	101.9	90.6	93.9
1994	1260	95.2	101.7	90.8	94.2
1995	870	95.6	101.7	91.5	94.7
1996	591	95.6	101.9	91.5	94.9
1997	364	95.6	102.0	91.5	95.0
1998	263	95.5	102.1	91.6	95.0
1999	151	95.9	102.2	91.9	95.3
2000	138	96.5	101.9	91.7	95.5
2001	111	96.8	101.0	92.2	95.8
2002	119	96.8	100.8	92.3	96.0
2003	71	96.3	101.1	92.1	96.0
2004	74	97.0	100.4	92.5	96.8
2005	59	97.4	101.8	91.9	96.6
2006	52	97.3	101.3	92.5	96.8
2007	44	96.7	101.3	91.7	95.8
2008	37	97.9	100.7	93.2	97.3
2009	20	97.0	101.0	92.3	96.3
2010	15	96.7	101.1	92.9	96.1
2011	24	97.4	101.0	92.4	97.5
2012	28	97.4	101.1	93.5	97.1
2013	32	97.8	100.4	93.9	97.5
2014	43	97.7	100.4	93.9	97.6
2015	30	99.2	99.5	94.6	99.5
2016	13	99.2	101.0	93.8	98.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	24228	100.9	96.5	98.0	102.4	100.2	97.7	95.3
1981	42179	101.1	96.5	98.1	102.4	100.3	98.0	95.5
1982	72125	101.1	96.7	98.2	102.2	100.5	97.9	95.9
1983	87103	101.0	97.2	98.4	101.9	101.3	98.4	96.1
1984	77629	101.0	97.0	98.5	101.6	101.9	98.6	96.4
1985	60544	100.9	96.9	98.5	101.7	102.4	98.6	96.4
1986	46496	101.0	96.9	98.5	101.9	102.7	98.6	96.2
1987	30698	101.2	97.8	98.2	102.1	103.2	99.3	97.0
1988	20152	101.7	99.1	97.8	101.7	103.6	99.7	97.5
1989	13463	102.0	99.6	97.8	101.8	103.6	99.9	97.7
1990	8416	102.3	100.0	97.5	102.2	103.7	100.5	98.3
1991	4944	102.4	99.8	98.0	102.5	104.5	100.6	98.4
1992	2933	102.4	100.0	98.3	102.7	105.4	101.4	99.3
1993	1980	102.2	100.1	98.4	102.7	106.1	101.7	99.3
1994	1260	102.3	100.3	98.7	102.5	106.3	101.8	99.9
1995	870	102.7	100.6	98.9	102.8	106.4	102.0	100.4
1996	591	103.0	100.8	98.7	103.2	106.7	102.4	100.6
1997	364	103.5	101.3	98.5	103.6	106.7	102.7	101.1
1998	263	104.0	101.7	98.2	104.1	106.5	102.7	101.2
1999	151	103.4	101.6	98.6	103.3	106.7	102.6	101.1
2000	138	104.1	102.2	97.5	104.3	107.1	102.9	101.9
2001	111	104.0	103.4	98.0	104.5	106.6	103.1	102.1
2002	119	104.2	102.8	98.0	104.4	106.8	102.7	101.7
2003	71	104.4	104.0	97.2	105.0	106.7	103.5	102.8
2004	74	104.7	103.9	97.4	104.9	106.5	103.5	102.2
2005	59	104.2	104.6	97.4	104.4	106.8	104.0	103.3
2006	52	104.0	104.4	98.3	104.3	107.5	104.2	103.1
2007	44	103.9	103.8	97.7	104.6	107.2	104.0	103.0
2008	37	104.1	105.2	97.4	104.2	108.1	104.8	103.8
2009	20	104.2	103.5	98.5	104.3	108.4	104.0	103.0
2010	15	104.7	105.3	97.4	105.0	107.5	104.5	103.9
2011	24	104.2	104.2	98.5	104.0	108.8	104.4	103.2
2012	28	105.2	105.7	97.4	106.0	108.8	105.5	105.0
2013	32	104.0	104.8	97.4	105.2	108.4	104.9	103.8
2014	43	103.7	105.5	97.3	104.8	107.9	104.3	103.3
2015	30	104.2	105.1	97.7	104.5	107.4	103.5	102.7
2016	13	104.8	106.2	98.2	104.9	110.5	105.8	105.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	24228	85.7	93.3	101.5	88.7	94.3	89.5
1981	42179	86.3	94.8	101.7	89.7	95.1	90.6
1982	72125	87.0	95.7	101.6	89.7	95.1	90.8
1983	87103	87.2	95.8	101.8	90.0	94.7	91.2
1984	77629	87.4	96.0	101.9	89.9	94.7	91.3
1985	60544	87.4	96.1	102.1	90.0	94.7	91.4
1986	46496	87.2	96.1	102.4	90.5	94.4	91.8
1987	30698	87.6	96.0	102.8	90.8	93.9	92.3
1988	20152	88.4	96.5	103.0	90.9	93.5	92.8
1989	13463	89.0	96.8	103.2	91.1	93.3	93.2

1990	8416	89.0	96.7	103.5	91.4	93.0	93.5
1991	4944	89.0	96.7	104.0	91.5	93.1	93.8
1992	2933	89.0	96.3	104.4	91.6	92.6	94.1
1993	1980	89.0	96.1	104.7	92.3	92.5	94.5
1994	1260	89.5	96.3	104.6	92.6	92.0	94.8
1995	870	89.5	96.4	104.8	93.2	92.4	95.2
1996	591	89.3	96.5	105.3	93.4	92.1	95.6
1997	364	89.6	96.8	105.5	93.4	92.3	95.8
1998	263	89.5	96.8	105.9	93.4	92.7	96.0
1999	151	90.5	97.5	105.4	93.8	92.6	96.3
2000	138	90.9	97.8	106.1	94.0	92.9	97.0
2001	111	91.0	97.6	106.1	94.2	93.1	97.1
2002	119	90.8	97.7	106.1	94.2	93.4	97.1
2003	71	91.0	97.8	106.4	94.3	93.7	97.3
2004	74	91.6	98.6	106.6	95.3	95.0	98.3
2005	59	92.0	98.8	106.2	95.2	94.3	98.2
2006	52	91.6	98.2	106.4	95.5	93.8	98.2
2007	44	91.7	98.0	106.3	94.5	94.3	97.7
2008	37	92.8	99.0	106.7	96.2	93.9	99.2
2009	20	92.8	98.7	106.8	95.0	94.0	98.4
2010	15	92.8	98.7	106.9	95.1	93.1	98.7
2011	24	91.7	97.8	106.8	96.0	92.8	98.7
2012	28	92.2	98.5	107.9	95.9	93.5	99.4
2013	32	92.9	98.9	107.1	96.2	94.3	99.4
2014	43	91.6	98.3	106.7	96.2	94.9	98.8
2015	30	92.1	99.2	106.7	98.1	95.4	100.0
2016	13	93.2	99.9	108.2	97.7	94.4	101.0

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	45410	102.0	100.3	100.8	100.7	100.8	101.8	94.9	100.9
1981	79942	101.3	100.4	100.3	100.5	100.0	100.9	95.3	100.5
1982	139221	101.0	100.3	100.1	100.3	99.7	100.7	95.7	100.2
1983	173134	101.0	99.8	99.8	99.8	99.5	100.5	96.1	99.8
1984	165455	101.2	99.5	99.8	99.8	99.7	100.4	96.3	99.8
1985	135156	101.2	99.4	99.7	99.7	99.7	100.2	96.0	99.7
1986	113741	101.0	99.3	99.4	99.4	99.4	99.8	96.2	99.3
1987	85723	100.8	99.2	99.1	99.2	99.3	100.6	97.1	99.1
1988	59304	100.5	98.6	98.8	98.6	99.1	100.9	97.7	98.6
1989	42241	100.1	98.2	98.4	98.2	98.6	100.3	98.8	98.1
1990	27244	99.7	98.3	98.3	98.2	98.5	100.0	99.2	98.1
1991	16272	99.8	98.1	98.1	97.9	98.4	100.3	99.5	97.9
1992	9521	99.6	97.9	98.0	97.8	98.4	100.7	99.8	97.7
1993	6976	99.9	97.7	98.2	97.8	98.7	101.2	100.1	97.8
1994	4721	99.6	97.5	98.0	97.4	98.6	101.1	100.6	97.5
1995	3466	99.4	97.3	97.7	97.1	98.4	101.0	100.5	97.2
1996	2552	99.1	97.3	97.6	97.0	98.4	101.2	101.2	97.1
1997	1684	99.1	97.2	97.6	97.1	98.4	101.0	101.1	97.2
1998	1250	99.0	97.4	97.6	97.1	98.2	100.8	101.3	97.2
1999	841	98.8	97.3	97.4	97.0	98.1	100.6	101.3	97.0
2000	658	98.9	97.4	97.5	97.1	98.1	100.4	101.3	97.1
2001	508	99.0	97.1	97.5	96.9	98.1	100.4	101.5	97.0
2002	419	99.0	97.3	97.6	97.1	98.1	100.1	101.2	97.1
2003	368	99.3	97.4	97.8	97.3	98.4	100.6	101.2	97.4
2004	403	99.6	97.4	98.0	97.4	98.6	100.4	100.9	97.5
2005	313	99.3	97.1	97.7	97.1	98.3	100.4	101.2	97.2
2006	340	99.4	97.2	97.9	97.3	98.5	100.2	100.8	97.4
2007	335	99.7	96.8	98.0	97.1	98.8	100.5	101.4	97.4

2008	334	99.9	96.7	98.0	97.1	98.8	100.5	101.1	97.3
2009	301	99.8	97.3	98.4	97.7	99.1	100.6	101.8	97.9
2010	247	99.7	97.5	98.6	97.9	99.3	100.7	102.2	98.1
2011	296	99.5	98.0	98.7	98.3	99.3	100.3	101.6	98.3
2012	299	99.6	97.7	98.4	98.0	99.1	100.2	101.1	98.0
2013	284	99.5	97.9	98.6	98.3	99.4	100.2	101.5	98.3
2014	300	99.3	97.5	98.2	97.9	99.2	100.1	101.4	97.9
2015	224	99.4	97.9	98.4	98.2	99.2	100.0	101.3	98.2
2016	163	99.4	98.4	98.9	98.7	99.7	100.3	101.6	98.7
2017	107	99.1	98.2	98.6	98.5	99.4	99.9	102.3	98.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	9503	96.5	90.6	100.6	104.9	105.8
1981	16670	96.2	91.7	100.0	104.4	105.3
1982	27924	96.3	92.2	99.7	104.0	104.7
1983	34167	96.8	92.3	99.4	103.6	104.3
1984	32520	97.1	93.0	99.1	103.2	103.8
1985	26634	97.0	93.5	99.1	103.1	103.9
1986	22837	97.2	94.2	99.0	102.8	103.6
1987	17139	97.0	95.2	98.9	102.8	103.3
1988	12198	96.9	95.7	99.0	102.7	103.2
1989	8795	97.6	95.6	98.4	101.8	102.4
1990	6103	97.6	95.7	98.2	101.4	102.3
1991	4102	97.3	95.2	98.0	100.9	101.7
1992	2941	96.8	95.5	97.9	100.6	101.3
1993	1952	96.6	96.1	98.1	100.9	101.6
1994	1254	96.5	95.8	98.1	100.7	101.2
1995	821	97.1	96.0	98.0	100.6	101.0
1996	548	97.4	96.2	98.1	100.7	100.8
1997	342	97.3	96.1	98.3	100.8	101.0
1998	249	97.4	96.7	98.2	100.6	100.9
1999	144	97.0	96.8	97.9	100.2	100.5
2000	128	98.2	97.4	98.1	100.1	100.5
2001	90	98.3	98.1	98.2	100.2	100.6
2002	99	97.9	97.4	98.3	100.1	100.4
2003	65	98.6	98.2	98.2	99.6	100.2
2004	64	98.2	98.0	98.4	100.0	100.4
2005	44	98.3	96.2	98.5	99.9	100.7
2006	44	97.6	99.1	99.1	100.2	100.8
2007	34	97.5	99.2	98.2	99.3	100.0
2008	32	98.6	98.8	98.6	99.3	100.0
2009	12	98.9	91.7	98.7	99.4	100.1
2010	13	98.2	99.5	99.1	100.2	100.3
2011	23	98.0	94.7	99.3	99.7	100.0
2012	21	97.5	98.7	99.3	99.9	100.5
2013	26	98.9	99.3	99.8	100.3	100.5
2014	42	99.6	97.9	99.3	100.1	100.0
2015	29	98.0	99.8	99.8	100.3	100.5
2016	13	98.2	100.3	100.7	101.0	101.1

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
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1980	14671	-97.9	-246.3	49.7	106.1	100.9	101.5	88.7	98.3
1981	27402	-92.7	-219.7	14.0	105.5	100.5	101.7	89.7	98.3
1982	48085	-98.3	-211.3	-4.5	104.9	100.2	101.6	89.7	98.0
1983	64049	-96.3	-191.9	-37.7	104.5	99.8	101.8	90.0	98.0
1984	75517	-112.5	-186.7	-150.9	104.0	99.8	101.9	89.9	97.9
1985	74751	-118.1	-183.6	-225.9	104.0	99.7	102.1	90.0	97.8
1986	70700	-115.9	-165.8	-263.6	103.6	99.3	102.4	90.5	97.5
1987	57306	-108.3	-149.6	-292.1	103.5	99.1	102.8	90.8	97.2
1988	46275	-104.6	-131.1	-297.1	103.3	98.6	103.0	90.9	97.1
1989	34933	-105.7	-116.1	-308.8	102.4	98.1	103.2	91.1	96.9
1990	21997	-100.7	-105.3	-296.9	102.1	98.1	103.5	91.4	96.9
1991	12807	-94.3	-83.7	-269.5	101.6	97.9	104.0	91.5	97.2
1992	7382	-82.7	-57.1	-221.7	101.2	97.7	104.4	91.6	97.6
1993	5594	-71.6	-44.5	-206.0	101.5	97.8	104.7	92.3	98.0
1994	3730	-60.8	-21.6	-172.3	101.1	97.5	104.6	92.6	98.2
1995	2789	-52.4	-5.6	-130.3	100.9	97.2	104.8	93.2	98.1
1996	2074	-42.0	11.4	-95.9	100.9	97.1	105.3	93.4	98.2
1997	1316	-37.2	19.3	-95.5	101.0	97.2	105.5	93.4	98.3
1998	993	-37.6	21.4	-102.4	100.8	97.2	105.9	93.4	98.2
1999	672	-29.9	42.8	-90.3	100.4	97.0	105.4	93.8	98.2
2000	527	-25.0	55.7	-77.9	100.4	97.1	106.1	94.0	98.2
2001	397	-23.6	52.8	-64.4	100.5	97.0	106.1	94.2	98.2
2002	321	-19.8	65.3	-55.0	100.3	97.1	106.1	94.2	98.2
2003	261	-21.2	62.9	-60.4	99.9	97.4	106.4	94.3	98.3
2004	285	-11.1	74.0	-50.7	100.3	97.5	106.6	95.3	98.4
2005	218	-10.6	74.0	-38.1	100.4	97.2	106.2	95.2	98.8
2006	255	1.4	86.5	-6.0	100.6	97.4	106.4	95.5	99.0
2007	241	0.4	104.9	-32.3	99.7	97.4	106.3	94.5	98.9
2008	227	-4.0	87.4	-23.5	99.7	97.3	106.7	96.2	99.1
2009	189	5.3	96.4	-37.8	99.7	97.9	106.8	95.0	99.4
2010	153	24.2	128.6	45.4	100.3	98.1	106.9	95.1	99.2
2011	174	23.4	125.4	51.8	99.9	98.3	106.8	96.0	99.4
2012	192	28.1	136.2	87.4	100.3	98.0	107.9	95.9	99.5
2013	220	34.8	143.8	122.8	100.5	98.3	107.1	96.2	99.6
2014	231	49.7	176.1	144.8	100.1	97.9	106.7	96.2	99.9
2015	175	52.5	155.2	142.1	100.5	98.2	106.7	98.1	100.0
2016	119	67.2	161.3	174.8	101.2	98.7	108.2	97.7	100.0
2017	69	80.7	184.4	171.4	101.3	98.5	108.7	103.3	100.2

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1982	12	94.2	95.5	96.6	94.9	96.0	100.1	99.8
1983	548	96.4	96.6	97.9	95.9	99.0	103.9	99.8
1984	596	96.4	96.6	97.9	95.8	99.0	103.9	99.8
1985	719	96.3	96.6	97.9	95.7	98.9	103.9	99.8
1986	1014	96.3	96.6	98.0	95.7	98.8	103.9	99.8
1987	644	96.0	96.3	97.9	95.4	98.5	103.7	99.7
1988	807	95.8	95.3	98.5	96.3	96.3	103.3	99.5
1989	798	95.9	95.1	98.9	96.7	95.8	103.3	99.4
1990	618	96.2	95.2	99.1	96.9	95.7	103.5	99.4
1991	757	97.0	95.6	99.7	97.7	96.1	103.1	100.4
1992	560	97.5	95.8	100.1	98.1	96.2	103.2	100.7
1993	358	97.3	95.9	99.8	98.1	96.1	103.1	100.6
1994	233	96.9	95.8	99.8	97.4	96.0	103.1	100.1
1995	298	96.4	96.7	99.3	95.9	96.6	102.3	99.4
1996	203	96.6	97.3	99.3	95.9	96.9	102.0	99.2
1997	151	96.8	97.4	99.5	96.3	96.7	102.1	99.1

1998	151	96.3	97.2	99.2	95.8	96.6	101.3	99.0
1999	87	95.6	96.4	98.7	95.8	95.5	101.1	98.5
2000	78	96.1	96.5	99.1	96.2	96.0	101.8	98.7
2001	43	96.2	96.9	98.9	96.0	96.1	102.2	98.6
2002	49	96.0	96.3	99.2	96.1	95.3	102.0	98.6
2003	48	95.9	96.1	98.9	96.1	95.8	102.0	99.1
2004	52	96.8	97.2	98.9	96.9	96.6	101.3	99.6
2005	37	96.2	96.1	99.1	96.7	95.8	102.0	99.1
2006	30	95.2	96.3	98.1	95.0	96.2	101.3	99.0
2007	16	96.8	97.3	99.3	96.3	96.6	102.0	99.4
2008	17	96.3	96.9	98.2	96.7	96.4	101.8	99.4
2009	10	97.3	98.1	98.6	96.7	98.1	102.6	100.0
2014	15	97.6	98.6	98.9	95.9	98.7	103.7	100.7
2015	14	98.3	100.0	98.2	97.2	99.3	101.0	101.9

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	10956	98.1	99.2	98.1	99.2	99.1	99.5
1981	20981	98.1	99.4	98.1	99.4	99.1	99.3
1982	37087	97.8	99.4	97.8	99.4	98.9	98.9
1983	47283	97.8	99.3	97.8	99.3	98.9	98.9
1984	48684	98.2	98.9	98.2	98.9	99.1	98.4
1985	42969	97.8	98.8	97.8	98.8	98.7	98.1
1986	40042	97.6	98.7	97.6	98.7	98.4	98.1
1987	32253	97.4	98.5	97.4	98.5	98.5	98.5
1988	24852	97.6	98.5	97.6	98.5	98.9	98.8
1989	19841	97.5	98.4	97.5	98.4	99.1	98.9
1990	14830	97.7	98.3	97.7	98.3	99.1	98.5
1991	10557	98.1	98.5	98.1	98.5	99.3	98.5
1992	6814	98.4	98.6	98.4	98.6	99.7	98.5
1993	5511	98.7	98.7	98.7	98.7	99.8	98.8
1994	3748	99.1	98.8	99.1	98.8	100.1	98.8
1995	3137	99.4	98.6	99.4	98.6	100.3	98.4
1996	2390	99.5	98.5	99.5	98.5	100.4	98.5
1997	1685	99.5	98.6	99.5	98.6	100.1	98.7
1998	1320	99.5	98.3	99.5	98.3	100.3	98.3
1999	991	99.4	98.5	99.4	98.5	100.0	98.3
2000	798	99.2	98.7	99.2	98.7	99.9	98.3
2001	562	99.3	98.7	99.3	98.7	100.0	98.4
2002	502	99.2	98.7	99.2	98.7	100.1	98.4
2003	449	99.3	98.7	99.3	98.7	100.3	98.3
2004	478	99.5	98.6	99.5	98.6	100.5	98.3
2005	360	99.8	98.9	99.8	98.9	100.5	98.5
2006	347	99.9	99.0	99.9	99.0	100.6	98.7
2007	347	99.7	99.1	99.7	99.1	100.6	98.4
2008	340	99.7	99.3	99.7	99.3	100.6	98.6
2009	317	100.0	99.5	100.0	99.5	101.2	98.8
2010	260	100.0	99.1	100.0	99.1	101.3	98.8
2011	295	100.2	99.3	100.2	99.3	101.4	98.8
2012	338	100.2	99.0	100.2	99.0	101.8	98.5
2013	320	100.1	99.5	100.1	99.5	101.7	99.1
2014	322	100.2	99.2	100.2	99.2	101.7	98.7
2015	274	100.6	99.2	100.6	99.2	101.9	98.8
2016	215	100.5	99.6	100.5	99.6	102.0	99.2
2017	193	100.5	99.3	100.5	99.3	102.0	98.9
2018	174	100.8	97.6	100.8	97.6	102.3	97.3
2019	130	100.9	99.2	100.9	99.2	102.1	98.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	13915	99.7	102.3	101.3	84.8	87.0	87.2
1981	23802	99.7	102.0	101.3	87.3	89.7	90.8
1982	40645	98.7	102.3	102.2	89.3	91.8	93.3
1983	68001	98.7	102.0	102.1	91.5	94.0	94.8
1984	66677	98.6	101.9	102.2	92.2	95.4	96.4
1985	53048	99.3	101.7	101.5	91.8	95.4	95.8
1986	43505	99.3	101.6	101.3	92.3	96.6	96.5
1987	30535	99.0	101.4	101.7	93.0	96.6	96.8
1988	20689	98.9	101.4	101.7	93.4	96.0	95.9
1989	13698	98.2	101.2	102.4	93.1	96.2	96.2
1990	8672	98.4	100.8	102.2	92.4	96.0	96.5
1991	5891	98.7	100.6	102.1	92.2	95.9	96.8
1992	3694	99.0	100.4	101.7	92.7	96.0	96.9
1993	2491	99.3	100.7	101.6	91.7	94.8	95.7
1994	1646	99.5	101.0	101.6	90.4	93.2	94.2
1995	1136	98.4	101.3	102.9	88.8	91.7	93.3
1996	888	98.7	100.8	102.5	90.9	94.3	95.5
1997	520	98.8	100.8	102.4	92.1	95.3	96.0
1998	402	99.3	100.2	101.9	91.9	95.5	96.0
1999	307	99.3	100.4	102.1	92.4	96.3	96.6
2000	245	98.6	101.0	102.8	93.6	97.1	97.9
2001	198	99.0	100.8	102.3	93.0	96.9	97.2
2002	192	99.3	100.6	102.0	96.0	99.6	100.0
2003	156	99.7	100.2	101.7	93.7	97.2	97.4
2004	163	99.6	100.3	101.7	94.5	98.0	98.1
2005	152	99.5	100.5	101.9	92.1	95.3	95.2
2006	163	99.6	100.0	101.8	93.9	97.5	98.0
2007	221	99.9	99.9	101.5	89.8	92.9	93.5
2008	207	99.5	100.0	101.8	96.1	98.8	99.4
2009	164	100.1	99.6	101.3	94.7	96.9	97.6
2010	143	100.1	99.9	101.2	96.1	99.1	99.4
2011	173	100.9	98.8	100.6	93.2	95.9	95.6
2012	220	100.4	98.5	101.0	93.9	95.1	95.0
2013	182	100.2	98.4	101.2	96.0	96.5	96.2
2014	245	100.1	97.9	101.5	95.2	95.4	94.9
2015	197	100.8	98.5	100.9	93.5	93.8	93.5
2016	142	100.6	98.4	101.0	98.7	98.5	97.7
2017	103	100.6	99.0	101.1	96.7	96.1	95.7
2018	99	100.3	99.1	101.3	85.2	84.5	84.1
2019	93	101.0	98.9	100.5	84.4	83.8	83.3

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	13149	99.2	95.9	98.0	95.4	99.0	97.1	100.5	97.3	100.3	95.9	95.7
1981	23523	99.2	96.0	97.8	95.9	99.2	96.8	100.8	96.6	100.2	95.4	95.9
1982	40587	99.4	95.7	98.4	95.9	99.0	97.0	101.2	96.5	100.4	96.1	96.1
1983	51408	99.3	95.0	99.2	95.8	98.7	97.2	101.3	96.5	99.6	96.3	95.9
1984	51247	99.1	94.8	99.2	95.6	98.7	97.4	101.0	96.2	99.7	95.9	96.6
1985	44447	98.7	94.7	99.2	95.4	98.1	97.6	100.7	96.0	99.3	95.7	96.6
1986	40394	98.5	94.4	99.6	95.3	97.8	97.9	100.6	96.0	99.1	96.1	96.5

1987	32008	98.7	93.6	100.3	95.2	97.6	98.0	100.6	96.7	98.7	96.7	96.4
1988	24433	98.1	92.3	100.8	94.9	96.4	98.3	99.9	97.5	97.6	96.2	95.7
1989	19197	98.0	91.3	101.0	95.0	95.5	98.3	99.9	97.8	97.0	96.5	95.3
1990	14283	98.0	91.0	101.1	95.1	95.5	98.0	100.0	98.0	96.6	96.4	95.1
1991	9877	97.9	90.8	101.7	95.4	94.7	98.8	100.0	97.9	96.5	97.0	96.1
1992	6715	97.5	90.1	102.1	95.3	93.8	99.0	99.6	98.0	96.2	97.0	96.0
1993	5282	97.2	89.7	102.1	95.1	93.4	99.2	99.4	98.0	95.9	97.4	95.5
1994	3692	97.2	89.0	102.8	94.6	93.1	99.2	99.2	98.7	95.4	97.3	95.7
1995	2847	97.0	88.9	102.7	94.8	92.7	99.4	99.0	98.8	95.2	97.2	95.5
1996	2361	96.8	88.7	102.7	94.7	92.5	99.4	98.8	98.7	95.5	97.2	95.6
1997	1871	96.6	88.6	102.6	94.6	92.4	99.4	98.6	98.8	95.0	97.6	95.1
1998	1275	96.7	88.7	102.8	94.4	92.7	99.3	98.6	98.7	95.4	97.3	95.6
1999	998	96.5	88.7	102.9	94.4	92.5	99.5	98.4	98.6	95.8	97.7	95.6
2000	754	96.3	88.9	102.5	94.2	92.5	99.7	98.0	98.5	95.8	97.6	95.3
2001	522	96.1	88.9	102.3	94.2	92.7	99.7	97.9	98.3	96.0	97.8	94.8
2002	475	95.9	88.8	102.2	93.9	92.7	99.8	97.9	97.7	95.7	97.9	94.5
2003	420	95.7	89.1	101.8	94.0	92.9	99.7	97.6	97.9	95.7	97.2	94.5
2004	439	95.8	89.5	101.9	93.9	93.1	99.8	97.6	97.6	96.4	97.5	94.5
2005	330	95.5	89.1	102.0	93.7	92.8	99.9	97.3	97.7	96.1	97.7	94.2
2006	336	95.3	89.4	101.5	94.1	92.4	100.2	97.0	97.8	96.5	97.6	94.3
2007	275	95.2	89.4	101.1	94.1	92.3	99.8	97.1	97.7	95.9	97.2	94.0
2008	230	95.0	89.3	101.0	94.3	92.0	100.2	96.9	97.4	96.4	97.3	94.6
2009	186	94.9	89.3	101.0	94.6	91.8	100.4	96.7	98.0	96.4	97.9	94.0
2010	134	94.8	88.1	102.0	93.9	91.0	100.2	96.7	97.9	96.0	97.7	94.1
2011	112	94.0	88.6	102.1	93.5	91.3	101.3	95.7	97.3	96.3	98.7	93.5
2012	65	94.5	88.6	101.6	93.4	92.0	100.6	96.1	98.0	95.9	98.7	93.0
2013	42	93.4	87.1	101.7	93.3	89.5	101.7	95.0	98.2	95.8	98.4	93.7
2014	49	93.6	87.5	101.9	93.4	89.9	101.7	95.1	98.4	96.2	98.0	94.1
2015	29	93.8	87.8	102.1	93.0	90.8	101.0	95.5	98.4	94.0	98.3	92.1
2016	13	94.8	86.6	103.0	93.5	90.2	100.5	96.5	98.8	96.0	97.5	93.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	11275	102.4	98.8	100.3
1981	21526	101.7	98.4	100.2
1982	38151	101.2	98.0	100.0
1983	48669	101.5	98.3	99.8
1984	50393	101.6	98.3	99.4
1985	44512	101.0	98.1	99.6
1986	41686	100.6	97.7	99.3
1987	33501	100.8	97.7	99.5
1988	25999	101.4	98.0	100.5
1989	20778	100.9	97.5	100.0
1990	15521	101.4	98.0	99.8
1991	10655	101.3	98.2	99.8
1992	6635	101.5	98.5	100.2
1993	6267	101.8	98.6	100.2
1994	5847	101.9	98.7	100.6
1995	4366	102.5	99.0	100.9
1996	3300	102.5	99.1	100.9
1997	2362	102.5	99.0	101.2
1998	1738	102.5	98.8	101.1
1999	1308	102.6	98.9	101.1
2000	1017	102.5	98.8	100.9
2001	712	102.7	99.0	100.9
2002	589	102.4	98.9	100.5
2003	528	102.3	98.9	100.5
2004	587	102.7	99.3	100.3

2005	446	102.9	99.3	100.4
2006	415	102.9	99.4	100.2
2007	408	103.3	99.5	100.2
2008	420	102.8	99.2	100.4
2009	399	102.9	99.3	100.8
2010	313	103.3	99.8	100.8
2011	340	103.9	100.4	100.6
2012	412	103.8	100.4	100.6
2013	358	104.3	100.8	101.0
2014	358	104.6	101.1	101.2
2015	300	104.5	100.9	101.2
2016	246	104.0	100.5	101.2
2017	226	104.4	100.8	101.1
2018	214	104.4	100.8	101.4
2019	137	104.3	100.8	101.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	396	-632.6	-1250.1	-92.6	-102.7
2002	327	-522.5	-712.3	-76.4	-85.9
2003	261	-562.0	-907.9	-82.0	-91.9
2004	282	-454.9	-578.8	-64.7	-75.9
2005	223	-375.5	-41.0	-60.8	-60.3
2006	254	-123.4	855.0	-10.9	-27.4
2007	244	-229.6	674.3	-42.1	-36.7
2008	228	-210.6	715.6	-31.1	-37.8
2009	191	-266.4	422.5	-45.5	-43.1
2010	152	407.8	3266.5	76.9	49.3
2011	173	448.3	3091.5	88.9	53.6
2012	196	719.2	4395.0	132.4	93.2
2013	226	993.3	5505.5	174.6	134.7
2014	235	1298.2	6647.2	227.5	178.2
2015	177	1205.2	6223.9	208.9	166.4
2016	120	1443.5	7165.6	253.7	198.6
2017	79	1462.0	7081.7	251.7	204.3

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

Jaar	Aantal	Eff	Int	Gewen
1980	312	96.8	104.6	98.7
1981	969	96.5	103.8	99.0
1982	962	97.4	104.4	98.7
1983	2027	99.0	105.5	98.2
1984	1965	98.9	105.2	98.1
1985	1552	99.5	105.2	97.8
1986	1601	99.8	104.9	97.7
1987	1606	98.7	103.8	98.2
1988	1692	98.9	104.2	98.9
1989	1201	98.8	104.3	99.0
1990	832	98.8	104.1	99.2
1991	543	97.8	104.8	98.0
1992	304	97.5	105.3	97.1
1993	252	97.9	105.8	97.4

1994	164	97.7	105.7	97.6
1995	116	98.3	106.2	96.8
1996	85	98.2	105.8	97.6
1997	53	98.4	107.0	97.1
1998	49	99.3	106.1	96.9
1999	34	99.2	105.8	98.1
2000	35	99.5	105.6	98.4
2001	18	100.2	104.9	97.9
2002	29	100.3	104.6	97.8
2003	28	100.5	106.0	98.3
2004	27	100.2	106.2	97.8
2005	19	100.2	105.6	97.7
2006	39	99.7	104.9	98.3
2007	35	100.6	105.1	98.3
2008	24	101.1	106.9	97.8
2009	20	99.7	104.8	98.0
2010	28	100.4	106.6	97.9
2011	28	99.7	107.2	98.4
2012	17	99.3	106.9	98.0
2013	31	100.6	109.5	98.2
2014	55	100.4	110.4	98.1
2015	32	99.5	110.8	98.2
2016	37	100.3	112.2	97.6
2017	19	99.4	111.5	98.2

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

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	14675	96.6	102.6	35	-2.6	0	0.0
1981	27403	96.6	103.0	44	-2.5	0	0.0
1982	48093	96.9	103.0	61	-2.5	0	0.0
1983	64049	96.9	102.4	82	-2.4	0	0.0
1984	75520	96.7	102.0	84	-1.9	0	0.0
1985	74753	96.4	101.9	94456	-2.9	0	0.0
1986	70702	96.5	102.1	82190	-2.7	0	0.0
1987	57309	96.9	101.7	62000	-2.4	0	0.0
1988	46275	97.1	101.0	47332	-2.2	0	0.0
1989	34933	97.0	100.5	35084	-2.0	0	0.0
1990	21999	96.9	100.3	22077	-1.9	0	0.0
1991	12807	97.1	100.7	12880	-1.7	0	0.0
1992	7382	97.1	100.8	7469	-1.5	0	0.0
1993	5594	96.9	100.4	5602	-1.5	0	0.0
1994	3730	97.6	100.2	3730	-1.3	0	0.0
1995	2789	97.7	100.3	2793	-1.2	0	0.0
1996	2074	98.1	100.3	2077	-1.0	0	0.0
1997	1316	98.3	100.1	1316	-1.0	0	0.0
1998	993	98.6	100.3	993	-0.9	0	0.0
1999	672	98.5	99.6	672	-0.7	0	0.0
2000	527	98.8	99.7	529	-0.6	0	0.0
2001	397	98.8	99.4	398	-0.6	111	91.4
2002	321	98.6	99.5	329	-0.5	119	91.3
2003	261	99.0	100.2	261	-0.5	71	92.0
2004	285	99.4	100.5	290	-0.4	74	92.9
2005	218	99.8	99.7	224	-0.4	59	92.9
2006	255	99.3	100.4	260	-0.3	50	92.5
2007	241	98.8	98.7	249	-0.2	42	92.7
2008	227	99.2	99.3	229	-0.2	37	93.1
2009	189	97.9	99.0	195	-0.2	19	93.5

2010	153	99.2	98.8	153	-0.0	15	92.3
2011	174	99.6	100.2	174	-0.0	24	91.8
2012	192	100.2	99.2	194	0.1	28	92.8
2013	220	100.2	99.5	223	0.3	31	93.6
2014	231	100.8	100.0	233	0.5	42	93.1
2015	175	100.8	100.6	175	0.4	30	93.4
2016	119	100.6	99.8	120	0.6	13	94.5
2017	69	100.7	99.9	69	0.7	3	98.3

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	23159	-1089.7	-37.7	-49.9	-59.3	21.0	-18.1	-17.3	-301.5
1981	20564	-1111.7	-38.0	-49.8	-60.3	22.4	-16.4	-17.4	-302.0
1982	14932	-1098.9	-37.2	-48.9	-59.7	22.8	-15.6	-17.4	-296.6
1983	12813	-1019.2	-34.1	-46.7	-56.1	21.6	-16.7	-17.2	-280.2
1984	9402	-956.1	-31.2	-44.9	-53.2	21.5	-17.2	-17.0	-265.6
1985	7377	-942.8	-30.1	-44.0	-52.6	22.5	-16.5	-17.0	-259.6
1986	5023	-929.6	-29.0	-43.4	-52.0	23.4	-16.2	-17.0	-254.5
1987	3569	-918.6	-28.5	-42.8	-51.5	23.4	-15.9	-17.0	-251.1
1988	3328	-949.8	-29.9	-43.6	-52.9	23.6	-15.2	-17.0	-257.5
1989	2986	-896.4	-27.7	-41.2	-50.5	23.1	-14.3	-16.9	-242.3
1990	2543	-856.0	-26.3	-39.7	-48.7	22.1	-14.3	-16.8	-232.8
1991	2141	-825.1	-24.8	-37.7	-47.3	22.3	-12.6	-16.7	-220.8
1992	1848	-803.7	-24.6	-37.4	-46.3	21.0	-13.3	-16.7	-218.8
1993	1680	-755.1	-23.1	-35.4	-44.1	19.5	-13.0	-16.6	-206.9
1994	1665	-697.1	-20.9	-33.7	-41.4	18.5	-13.5	-16.5	-194.7
1995	1551	-639.4	-19.3	-31.7	-38.8	16.6	-13.6	-16.4	-182.0
1996	1459	-571.1	-16.7	-29.3	-35.7	15.8	-13.6	-16.2	-165.8
1997	1195	-532.9	-15.5	-27.5	-33.9	14.6	-13.0	-16.1	-155.4
1998	1083	-474.5	-12.9	-24.7	-31.3	14.4	-11.7	-16.0	-137.7
1999	922	-425.2	-11.0	-23.1	-29.0	13.7	-12.1	-15.9	-126.8
2000	828	-366.1	-9.2	-20.6	-25.9	12.2	-11.3	-15.0	-111.6
2001	766	-312.4	-7.2	-19.0	-18.6	11.5	-11.9	-7.0	-98.5
2002	608	-276.7	-5.7	-17.6	-15.9	11.3	-11.7	-5.1	-89.0
2003	583	-220.0	-4.1	-16.4	-13.8	9.7	-13.0	-5.8	-79.9
2004	538	-222.9	-4.8	-17.3	-13.0	8.7	-14.4	-4.3	-84.9
2005	441	-174.4	-4.5	-15.5	-11.7	5.6	-14.3	-5.9	-76.6
2006	443	-99.1	-0.4	-12.4	-8.9	6.9	-13.4	-7.0	-54.3
2007	403	-149.8	-2.6	-12.8	-11.2	7.0	-11.3	-6.8	-61.2
2008	417	-146.4	-0.8	-12.7	-12.0	9.7	-11.2	-8.5	-57.3
2009	316	-90.6	-0.8	-11.9	-9.2	5.7	-13.0	-7.9	-53.1
2010	305	16.9	3.7	-8.7	-5.0	5.1	-14.1	-9.0	-29.4
2011	290	15.6	4.8	-7.7	-5.2	7.0	-12.3	-9.1	-22.9
2012	268	47.7	6.5	-5.5	-4.1	7.3	-10.9	-9.8	-10.2
2013	255	93.2	8.2	-4.3	-2.3	6.7	-11.5	-10.2	-1.0
2014	264	130.8	9.7	-3.3	-1.0	6.4	-12.1	-10.8	6.6
2015	224	98.4	8.6	-4.2	-1.8	7.1	-11.6	-9.7	0.5
2016	222	110.2	9.2	-4.1	-1.3	7.3	-12.2	-9.8	2.0
2017	69	125.6	11.0	-2.7	-0.2	9.0	-10.9	-9.2	12.1

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
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1980	81012	89.6	92.0	90.2	97.2	96.1	86.5	97.3
1981	67615	90.0	92.4	90.6	97.6	96.5	86.5	97.7
1982	42423	90.2	92.4	90.9	97.9	96.4	86.6	98.0
1983	24751	90.5	92.2	91.1	98.4	96.3	86.4	98.1
1984	10843	91.0	91.6	91.0	98.7	95.9	86.2	97.9
1985	5640	91.2	91.4	91.0	98.9	95.8	86.1	98.1
1986	2878	91.3	91.5	91.2	99.1	95.7	85.9	98.0
1987	1543	91.3	91.5	91.4	99.1	95.4	85.8	98.3
1988	1110	91.6	91.5	91.6	99.3	95.3	85.7	98.4
1989	852	92.4	91.2	91.9	99.8	95.2	85.7	98.7
1990	769	92.5	91.2	91.8	99.8	95.2	85.6	98.8
1991	559	93.0	91.5	92.2	100.0	95.5	85.8	98.9
1992	540	93.1	91.3	92.5	100.4	95.1	85.6	99.2
1993	510	93.6	91.7	92.8	100.6	95.4	85.6	99.6
1994	430	93.7	91.6	93.0	100.7	95.3	86.0	99.9
1995	405	94.3	91.6	93.2	100.9	95.4	85.9	100.5
1996	420	94.5	91.8	93.5	101.1	95.5	86.2	100.7
1997	295	94.5	92.0	93.5	101.1	95.6	86.2	100.6
1998	274	94.4	91.5	93.8	101.4	95.2	85.9	100.4
1999	263	94.5	91.5	93.6	101.3	95.0	85.7	100.9
2000	338	94.6	91.6	93.7	101.3	95.0	85.8	100.8
2001	317	94.6	92.0	94.2	101.4	95.0	85.7	100.7
2002	250	94.3	91.6	93.9	101.2	94.8	85.6	100.4
2003	247	94.3	92.2	94.5	101.4	94.8	85.7	100.8
2004	241	94.1	92.2	94.4	101.1	94.9	85.9	100.4
2005	176	94.1	91.9	94.4	101.2	94.6	85.6	100.3
2006	152	94.6	91.8	94.2	101.3	94.6	86.0	100.6
2007	85	93.7	92.1	94.4	101.1	94.2	85.9	100.0
2008	80	94.2	91.8	94.4	101.3	93.9	86.0	100.3
2009	56	93.9	91.8	94.6	101.4	93.7	86.0	99.9
2010	31	93.5	91.4	94.4	101.1	92.7	85.5	100.4
2011	32	91.9	90.6	93.0	100.1	92.4	85.7	97.8
2012	21	91.8	90.7	92.8	100.0	92.7	85.6	98.5
2013	21	92.8	90.6	93.4	100.5	92.6	85.6	98.3

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

Jaar	Aantal	BA	BZ	KH	BG
1980	81012	91.9	96.6	87.6	89.1
1981	67615	91.5	96.8	87.6	88.9
1982	42423	91.2	97.1	87.4	88.6
1983	24751	91.4	97.8	87.7	88.6
1984	10843	91.6	98.1	88.0	88.7
1985	5640	91.8	98.2	87.9	88.7
1986	2878	91.9	98.0	88.2	89.0
1987	1543	92.0	98.2	88.0	89.0
1988	1110	92.1	98.3	87.9	89.1
1989	852	93.0	98.1	88.6	89.8
1990	769	93.2	98.1	88.8	90.2
1991	559	93.5	98.3	88.8	90.5
1992	540	93.6	98.9	88.8	90.8
1993	510	93.7	99.0	89.0	91.0
1994	430	93.9	99.1	89.0	91.3
1995	405	94.3	99.2	89.0	91.6
1996	420	94.4	98.9	89.3	91.7
1997	295	94.7	99.0	89.3	92.1
1998	274	94.7	99.1	89.3	92.4
1999	263	95.6	98.8	89.8	93.2

2000	338	95.3	98.9	89.6	93.0
2001	317	95.1	99.0	89.2	92.7
2002	250	95.2	98.8	89.6	92.9
2003	247	95.1	99.0	89.2	93.0
2004	241	95.5	98.7	89.7	93.5
2005	176	95.7	98.7	89.7	93.5
2006	152	95.1	98.9	89.7	93.1
2007	85	95.5	98.2	89.8	93.3
2008	80	95.3	98.6	89.9	93.4
2009	56	95.4	98.6	89.9	93.7
2010	31	95.6	98.8	89.7	94.0
2011	32	96.2	98.2	90.0	94.7
2012	21	95.8	98.7	89.9	94.2
2013	21	96.2	98.6	90.0	94.7

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	81012	98.0	95.2	97.8	100.1	96.6	95.7	93.4
1981	67615	98.1	95.4	97.8	100.3	96.4	95.8	93.5
1982	42423	98.2	95.6	97.7	100.3	96.4	95.8	93.8
1983	24751	98.4	95.8	97.5	100.3	96.8	95.7	93.9
1984	10843	98.7	96.2	97.0	100.7	97.1	95.6	94.1
1985	5640	98.7	96.3	97.1	100.8	97.2	95.6	94.3
1986	2878	98.8	96.5	97.0	100.9	97.4	95.8	94.4
1987	1543	99.0	97.2	97.2	100.9	97.8	95.9	95.0
1988	1110	99.1	97.3	97.6	100.7	98.0	96.1	95.2
1989	852	99.3	97.9	97.4	101.2	98.0	96.8	96.1
1990	769	99.5	98.1	97.6	101.6	98.3	97.2	96.3
1991	559	99.9	98.6	97.2	101.9	98.2	97.4	96.6
1992	540	99.9	98.8	96.8	101.7	98.2	97.2	96.5
1993	510	100.3	99.1	96.7	101.8	98.4	97.4	96.8
1994	430	100.6	99.5	97.0	101.9	98.6	97.7	97.1
1995	405	100.6	100.0	96.8	102.2	98.4	97.9	97.5
1996	420	100.5	99.9	96.8	102.1	98.5	98.1	97.6
1997	295	100.6	99.9	96.8	102.3	98.9	98.7	98.1
1998	274	100.8	101.0	96.7	102.3	99.5	99.4	98.7
1999	263	100.9	101.4	96.3	102.6	99.3	99.7	99.3
2000	338	101.1	101.6	96.3	102.8	99.8	100.1	99.7
2001	317	100.5	101.3	96.6	102.1	99.3	99.3	98.9
2002	250	100.6	101.3	96.6	102.3	99.6	99.7	99.2
2003	247	100.7	101.2	96.6	102.2	99.5	99.5	99.3
2004	241	101.0	101.1	96.7	102.7	100.0	99.9	99.3
2005	176	101.0	101.2	96.2	102.6	99.9	100.1	99.6
2006	152	100.8	101.5	96.5	102.4	99.8	99.9	99.3
2007	85	100.4	100.2	97.4	101.9	100.2	99.5	98.6
2008	80	100.8	101.5	96.0	102.1	100.5	100.2	99.6
2009	56	101.4	101.6	96.8	102.2	100.4	100.3	99.5
2010	31	101.3	101.3	95.6	102.3	100.8	101.1	100.0
2011	32	100.7	100.6	95.2	102.0	100.8	101.2	99.6
2012	21	100.4	99.8	96.3	101.5	100.6	101.0	98.9
2013	21	100.3	100.4	95.0	101.9	100.8	101.4	100.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	81012	85.5	92.0	98.0	86.4	99.7	86.2
1981	67615	86.0	92.8	98.1	86.2	99.9	86.4
1982	42423	86.3	93.1	98.1	86.0	99.7	86.4
1983	24751	86.3	93.4	98.2	86.3	99.1	86.7
1984	10843	85.9	93.1	98.5	86.6	98.6	86.8
1985	5640	85.8	93.1	98.6	86.6	98.3	86.9
1986	2878	85.7	93.2	98.7	86.9	98.2	87.1
1987	1543	85.9	93.2	99.0	87.0	98.1	87.3
1988	1110	86.0	93.4	99.0	87.1	98.0	87.4
1989	852	86.1	93.6	99.3	87.9	97.7	88.1
1990	769	86.1	93.7	99.7	88.4	97.6	88.6
1991	559	86.5	94.3	100.0	88.6	97.9	89.0
1992	540	86.6	94.4	99.9	89.0	97.4	89.2
1993	510	87.0	95.1	100.1	89.2	97.6	89.7
1994	430	87.4	95.2	100.4	89.5	97.7	90.1
1995	405	87.7	95.6	100.4	89.9	97.8	90.6
1996	420	88.1	96.0	100.4	90.0	98.0	90.8
1997	295	88.1	96.1	100.7	90.4	98.0	91.1
1998	274	87.8	95.9	101.1	90.7	97.6	91.4
1999	263	87.9	95.7	101.2	91.5	97.5	91.8
2000	338	87.9	95.8	101.4	91.3	97.8	91.9
2001	317	88.1	96.1	100.7	91.0	97.8	91.4
2002	250	87.6	95.5	101.1	91.1	97.4	91.5
2003	247	88.3	96.1	100.9	91.2	98.0	91.8
2004	241	88.2	95.8	101.5	91.7	98.3	92.2
2005	176	88.0	95.7	101.3	91.8	98.0	92.1
2006	152	88.2	95.7	101.2	91.3	97.8	91.9
2007	85	88.0	95.2	101.0	91.5	97.6	91.8
2008	80	88.1	95.1	101.5	91.6	97.5	92.0
2009	56	88.0	95.1	101.7	91.8	97.2	92.2
2010	31	87.7	94.2	101.8	92.1	96.7	92.2
2011	32	85.9	92.2	101.6	92.6	95.7	91.5
2012	21	86.1	92.4	101.4	92.3	95.5	91.3
2013	21	86.2	92.7	101.3	93.0	95.6	91.7

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	169387	103.6	101.0	102.0	102.4	100.6	99.7	92.4	102.4
1981	152160	103.6	100.9	101.9	102.4	100.6	99.5	92.6	102.4
1982	101633	103.6	100.6	101.9	102.2	100.6	99.5	92.7	102.2
1983	63776	103.4	100.1	101.5	101.6	100.4	99.4	93.1	101.7
1984	32132	103.3	99.7	101.2	101.1	100.3	99.4	93.4	101.3
1985	18173	103.2	99.4	100.9	100.8	100.1	99.4	93.5	101.0
1986	9846	103.1	99.4	100.9	100.8	100.1	99.2	93.8	100.9
1987	6277	103.0	99.3	100.7	100.6	99.9	99.2	93.8	100.7
1988	4765	102.9	99.1	100.6	100.5	99.8	99.2	93.9	100.6
1989	3985	102.9	98.9	100.5	100.3	99.8	99.4	94.2	100.4
1990	3322	102.9	98.8	100.4	100.2	99.9	99.5	94.2	100.3
1991	2857	102.8	99.0	100.5	100.3	99.9	99.6	94.6	100.4
1992	2469	102.5	99.3	100.6	100.5	99.9	99.6	94.8	100.6
1993	2277	102.4	99.2	100.4	100.4	99.9	99.7	94.9	100.5
1994	2186	102.2	99.2	100.2	100.3	99.7	99.7	94.7	100.3
1995	2084	102.2	99.1	100.2	100.2	99.7	99.7	95.0	100.2
1996	1861	102.1	99.1	100.2	100.2	99.7	99.6	95.1	100.2
1997	1566	102.0	99.2	100.2	100.3	99.7	99.5	95.3	100.3
1998	1447	101.7	99.0	99.9	100.0	99.4	99.3	95.2	99.9

1999	1279	101.8	99.0	99.9	100.0	99.5	99.5	95.3	100.0
2000	1196	102.0	98.8	100.0	100.0	99.7	99.7	95.4	100.0
2001	1181	102.0	98.7	100.0	99.9	99.7	99.6	95.5	99.9
2002	996	101.9	98.6	99.8	99.7	99.5	99.6	95.4	99.7
2003	946	102.3	98.3	99.9	99.6	99.8	99.9	95.4	99.7
2004	949	102.6	98.3	100.0	99.8	100.0	100.0	95.1	99.9
2005	807	102.4	98.1	99.8	99.5	99.8	99.8	95.2	99.7
2006	792	102.2	98.5	100.0	99.8	99.9	99.9	95.6	99.9
2007	713	102.0	98.5	99.9	99.8	99.7	99.4	95.6	99.8
2008	697	102.3	98.7	100.3	100.1	100.2	99.8	95.7	100.2
2009	579	102.5	98.6	100.4	100.1	100.3	100.0	95.8	100.3
2010	543	102.5	98.6	100.4	100.1	100.3	99.8	95.6	100.3
2011	546	102.4	98.7	100.5	100.2	100.4	99.7	95.6	100.4
2012	531	102.3	98.9	100.6	100.4	100.5	99.8	96.0	100.6
2013	317	102.1	99.1	100.6	100.5	100.5	99.7	96.6	100.6
2014	306	102.3	98.9	100.7	100.5	100.7	100.0	96.3	100.7
2015	254	102.0	99.0	100.7	100.4	100.5	99.9	97.1	100.6
2016	246	102.2	99.3	101.0	100.8	100.8	100.1	96.9	101.0
2017	136	102.2	99.0	100.8	100.4	100.7	100.0	96.8	100.7

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	18006	96.4	84.0	100.0	104.4	105.9
1981	14421	96.6	85.7	99.8	104.3	105.8
1982	8594	96.6	85.0	99.5	103.9	105.6
1983	5520	96.7	86.2	99.6	104.0	105.6
1984	2943	96.6	87.2	99.7	104.0	105.5
1985	1801	96.5	89.2	99.6	103.9	105.5
1986	1068	96.7	87.5	99.6	103.8	105.5
1987	617	96.4	86.5	99.5	103.6	105.4
1988	442	96.3	85.8	99.3	103.3	105.3
1989	419	97.1	87.9	99.1	102.8	105.1
1990	360	97.4	91.0	98.8	102.4	105.0
1991	352	97.5	93.5	98.6	102.0	104.7
1992	391	97.2	93.6	98.4	101.8	104.5
1993	357	97.4	91.1	98.5	101.8	104.3
1994	299	97.3	93.6	98.4	101.7	104.2
1995	270	97.7	93.0	98.4	101.6	104.3
1996	254	97.9	93.8	98.4	101.4	104.1
1997	160	98.0	93.3	98.7	101.5	104.1
1998	145	98.6	93.1	98.1	100.7	103.4
1999	137	99.1	92.8	97.8	100.4	103.1
2000	118	98.7	96.0	97.7	99.9	103.1
2001	79	97.6	91.4	97.8	99.9	102.8
2002	49	98.8	87.0	97.4	99.5	102.5
2003	36	98.1	93.1	97.9	99.9	102.8
2004	31	98.1	82.3	97.9	99.8	103.1
2005	22	99.3	79.9	97.7	99.5	102.5
2006	27	97.1	84.0	97.9	99.5	102.3
2007	13	99.4	67.8	97.9	99.8	102.3
2008	18	99.9	71.5	98.0	99.6	102.0
2009	14	99.2	28.4	98.0	99.5	102.1
2010	23	100.1	64.2	97.9	99.7	101.9
2011	31	99.8	78.8	98.4	100.0	102.3
2012	21	99.5	93.3	98.6	99.7	101.9
2013	21	99.8	93.3	98.8	99.9	102.0

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	23101	-157.7	-301.5	-182.0	105.9	102.4	98.0	86.4	98.6
1981	20530	-161.5	-302.0	-203.2	105.8	102.4	98.1	86.2	98.7
1982	14907	-166.6	-296.6	-224.8	105.4	102.2	98.1	86.0	98.4
1983	12798	-165.1	-280.2	-249.2	105.5	101.7	98.2	86.3	98.4
1984	9398	-171.3	-265.6	-326.1	105.5	101.3	98.5	86.6	98.1
1985	7376	-175.3	-259.6	-405.0	105.4	101.0	98.6	86.6	98.0
1986	5022	-176.0	-254.5	-460.8	105.3	100.9	98.7	86.9	98.1
1987	3566	-178.2	-251.1	-503.2	105.2	100.7	99.0	87.0	98.2
1988	3328	-183.9	-257.5	-539.3	105.0	100.6	99.0	87.1	98.3
1989	2985	-175.7	-242.3	-535.2	104.6	100.4	99.3	87.9	98.6
1990	2543	-169.9	-232.8	-510.2	104.4	100.3	99.7	88.4	98.8
1991	2141	-162.9	-220.8	-493.6	104.0	100.4	100.0	88.6	98.8
1992	1848	-161.0	-218.8	-483.4	103.8	100.6	99.9	89.0	98.8
1993	1680	-154.5	-206.9	-462.1	103.7	100.5	100.1	89.2	98.9
1994	1665	-145.9	-194.7	-440.6	103.5	100.3	100.4	89.5	99.3
1995	1551	-135.4	-182.0	-404.3	103.5	100.2	100.4	89.9	99.3
1996	1459	-126.2	-165.8	-372.3	103.3	100.2	100.4	90.0	99.2
1997	1195	-120.1	-155.4	-360.1	103.3	100.3	100.7	90.4	99.1
1998	1083	-115.2	-137.7	-347.3	102.5	99.9	101.1	90.7	99.1
1999	921	-109.5	-126.8	-322.0	102.2	100.0	101.2	91.5	98.9
2000	828	-105.8	-111.6	-307.4	101.9	100.0	101.4	91.3	99.1
2001	766	-102.5	-98.5	-278.5	101.8	99.9	100.7	91.0	99.0
2002	608	-98.6	-89.0	-264.2	101.4	99.7	101.1	91.1	99.3
2003	583	-91.3	-79.9	-244.9	101.8	99.7	100.9	91.2	99.5
2004	538	-84.9	-84.9	-220.6	101.9	99.9	101.5	91.7	99.5
2005	441	-84.3	-76.6	-213.8	101.4	99.7	101.3	91.8	99.2
2006	443	-77.5	-54.3	-187.6	101.2	99.9	101.2	91.3	99.1
2007	403	-70.5	-61.2	-160.8	101.4	99.8	101.0	91.5	99.2
2008	417	-72.1	-57.3	-164.1	101.1	100.2	101.5	91.6	99.6
2009	316	-70.8	-53.1	-160.0	101.1	100.3	101.7	91.8	99.6
2010	305	-61.9	-29.4	-108.7	101.1	100.3	101.8	92.1	99.7
2011	290	-53.2	-22.9	-69.2	101.5	100.4	101.6	92.6	100.0
2012	268	-50.2	-10.2	-79.1	101.1	100.6	101.4	92.3	100.3
2013	255	-45.7	-1.0	-51.0	101.3	100.6	101.3	93.0	100.4
2014	263	-38.0	6.6	-45.0	100.9	100.7	100.7	90.7	100.4
2015	224	-39.8	0.5	-48.8	101.8	100.6	101.0	90.5	100.3
2016	222	-30.9	2.0	-34.1	101.9	101.0	98.7	92.3	100.7
2017	69	-22.7	12.1	-14.8	101.9	100.7	97.0	88.0	100.7

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	18059	98.6	99.0	98.6	99.0	99.5	98.6
1981	14726	98.7	99.1	98.7	99.1	99.5	98.6
1982	9069	98.4	98.9	98.4	98.9	99.2	98.4
1983	6806	98.3	98.8	98.3	98.8	98.9	98.2
1984	4304	98.5	98.5	98.5	98.5	98.9	97.9
1985	2927	98.4	98.5	98.4	98.5	98.7	97.8
1986	1793	98.6	98.7	98.6	98.7	99.0	98.0
1987	1242	98.6	98.6	98.6	98.6	99.1	98.0
1988	1075	98.9	98.7	98.9	98.7	99.3	98.2
1989	1159	98.9	99.1	98.9	99.1	99.4	98.3

1990	1270	99.0	99.2	99.0	99.2	99.5	98.3
1991	1442	99.1	99.2	99.1	99.2	99.6	98.2
1992	1447	99.1	99.1	99.1	99.1	99.5	98.1
1993	1736	99.4	98.9	99.4	98.9	99.8	98.2
1994	1829	99.7	98.8	99.7	98.8	100.1	98.1
1995	2093	99.6	99.4	99.6	99.4	100.0	98.5
1996	1817	99.5	99.4	99.5	99.4	99.9	98.5
1997	1625	99.5	98.9	99.5	98.9	99.8	98.0
1998	1513	99.7	98.8	99.7	98.8	100.2	97.9
1999	1439	99.6	98.9	99.6	98.9	100.3	97.8
2000	1345	99.6	99.3	99.6	99.3	100.0	98.0
2001	1282	99.5	99.2	99.5	99.2	100.0	97.9
2002	1108	99.7	99.4	99.7	99.4	100.2	98.0
2003	1058	99.7	99.6	99.7	99.6	100.3	98.2
2004	1066	100.0	99.2	100.0	99.2	100.7	98.1
2005	818	99.7	98.8	99.7	98.8	100.4	97.7
2006	826	99.7	98.4	99.7	98.4	100.3	97.2
2007	717	99.7	99.4	99.7	99.4	100.3	98.2
2008	643	99.9	99.4	99.9	99.4	100.6	98.4
2009	570	99.9	99.6	99.9	99.6	100.7	98.8
2010	535	100.0	99.7	100.0	99.7	100.8	99.0
2011	499	100.1	99.9	100.1	99.9	101.0	99.0
2012	510	100.2	100.2	100.2	100.2	100.9	99.2
2013	419	100.2	100.1	100.2	100.1	100.7	99.1
2014	405	100.3	100.0	100.3	100.0	101.0	99.2
2015	385	100.3	100.1	100.3	100.1	100.9	99.2
2016	398	100.5	98.6	100.5	98.6	101.0	97.9
2017	311	100.5	99.1	100.5	99.1	101.1	98.2
2018	284	100.8	96.2	100.8	96.2	101.1	95.3
2019	243	100.7	91.8	100.7	91.8	101.1	91.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	31217	101.6	99.1	100.1	73.2	75.5	74.4
1981	25573	101.6	99.0	100.1	73.3	75.6	74.7
1982	16186	101.4	99.0	100.3	75.4	77.2	76.6
1983	16902	101.5	99.1	100.1	81.5	84.6	83.6
1984	9423	101.3	99.4	100.3	84.3	88.6	87.5
1985	5041	101.1	99.5	100.4	84.0	88.8	87.8
1986	2601	101.1	99.6	100.4	80.7	85.6	84.7
1987	1558	100.8	99.3	100.7	75.2	79.9	78.9
1988	1134	100.5	99.2	101.0	75.0	79.5	78.6
1989	877	100.8	99.3	100.8	79.5	85.1	84.4
1990	767	101.3	99.2	100.3	78.3	84.1	83.4
1991	713	101.0	99.5	100.7	76.4	82.0	81.7
1992	560	101.0	99.6	100.7	74.6	79.4	79.0
1993	573	101.3	99.4	100.4	74.4	78.4	77.9
1994	525	101.8	98.6	99.9	80.6	84.5	83.6
1995	510	100.9	99.4	100.9	71.9	75.6	75.6
1996	506	101.1	98.9	100.7	76.6	80.7	80.7
1997	382	101.2	98.8	100.6	79.7	84.9	84.6
1998	410	101.6	98.4	100.1	85.4	91.4	91.0
1999	420	101.2	98.7	100.7	78.7	84.3	83.7
2000	449	100.7	99.3	101.1	80.7	86.3	85.9
2001	415	100.8	98.8	101.1	83.8	89.1	88.3
2002	308	101.6	98.5	100.2	83.3	88.2	87.4
2003	303	101.4	99.1	100.6	82.7	87.1	86.5
2004	345	101.5	98.7	100.5	80.7	84.2	83.6

2005	332	101.1	98.5	100.9	84.7	89.3	88.5
2006	316	101.3	98.4	100.7	81.4	85.3	84.5
2007	385	101.2	98.4	100.8	81.3	85.3	84.2
2008	359	101.4	98.4	100.5	84.8	88.5	87.4
2009	319	101.2	98.4	100.7	78.4	81.5	80.6
2010	283	101.5	98.4	100.5	79.9	83.4	82.7
2011	289	101.9	98.1	100.2	75.7	78.5	77.5
2012	268	101.7	98.0	100.4	85.9	88.8	87.6
2013	244	101.9	97.9	100.1	85.8	88.0	86.9
2014	291	101.6	97.8	100.5	88.4	90.4	89.4
2015	232	102.1	97.6	100.0	90.1	92.7	91.0
2016	254	101.7	97.5	100.3	92.8	94.3	92.7
2017	156	102.3	97.8	99.9	87.3	89.1	87.5
2018	179	102.0	97.2	100.1	75.1	76.6	75.2
2019	134	101.8	97.3	100.2	74.9	75.9	74.7

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	26083	101.3	101.1	95.1	94.5	107.4	94.0	102.4	93.9	105.6	92.3	95.1
1981	21830	101.2	101.2	95.4	94.8	107.3	94.3	102.3	93.9	105.5	92.5	95.2
1982	14012	101.3	101.0	95.6	94.7	107.2	94.4	102.4	94.0	105.6	92.6	95.3
1983	9825	100.8	100.0	95.9	94.2	106.2	94.5	101.9	94.4	104.9	92.6	94.9
1984	5755	100.2	98.9	95.9	93.7	105.2	94.7	101.2	94.7	104.4	92.4	94.9
1985	3878	100.0	98.4	96.0	93.6	104.6	94.8	101.1	95.0	103.9	92.4	94.5
1986	2495	99.9	98.1	96.2	93.6	104.3	94.9	101.0	95.0	103.6	92.7	94.4
1987	1842	99.6	97.9	96.3	93.4	104.0	94.9	100.6	95.1	103.6	92.8	94.3
1988	1577	99.5	97.7	96.3	93.4	103.6	95.0	100.6	95.2	103.3	92.6	94.2
1989	1628	99.6	97.1	96.2	93.5	103.2	95.1	100.6	95.8	103.0	92.9	94.0
1990	1658	99.4	97.0	96.6	93.4	103.0	95.5	100.3	95.9	103.0	93.3	93.9
1991	1709	99.2	96.7	96.6	93.5	102.5	95.7	100.2	95.8	102.5	93.5	93.8
1992	1778	99.0	96.7	96.6	93.7	102.3	95.9	100.1	95.5	102.4	93.6	93.8
1993	1740	98.7	96.2	97.1	93.5	102.0	96.1	99.9	95.5	102.0	93.9	93.4
1994	1774	98.6	96.7	97.4	93.5	102.3	96.4	99.7	95.4	102.4	94.1	93.6
1995	1789	98.6	96.7	97.5	93.7	102.1	96.7	99.7	95.5	102.2	94.5	93.4
1996	1786	98.4	96.4	97.4	93.5	101.7	96.6	99.6	95.4	102.0	94.5	93.3
1997	1786	98.3	96.5	97.6	93.6	101.7	96.8	99.4	95.6	102.1	94.7	93.3
1998	1486	98.1	96.3	98.6	93.1	101.5	97.1	99.3	95.5	102.0	95.0	93.2
1999	1426	98.1	96.4	98.6	93.0	101.5	97.3	99.1	95.5	102.1	95.3	93.0
2000	1232	97.9	96.3	98.6	93.0	101.4	97.4	98.9	95.5	102.0	95.4	92.8
2001	1184	97.6	96.2	98.2	93.3	101.0	97.7	98.7	95.2	101.8	95.6	92.9
2002	1133	97.3	96.0	98.7	92.9	100.7	98.0	98.4	95.1	101.5	95.9	92.4
2003	1145	97.1	96.0	98.3	92.9	100.5	98.0	98.2	95.2	101.6	95.6	92.6
2004	1076	97.1	96.2	98.3	93.0	100.4	98.3	98.1	95.4	101.6	95.7	92.5
2005	848	96.9	96.1	98.2	93.2	100.3	98.3	97.9	95.6	101.5	95.9	92.5
2006	800	96.7	95.7	98.5	92.9	99.7	98.4	97.7	95.6	101.2	95.9	92.3
2007	634	96.8	95.7	98.7	93.0	99.8	98.4	97.9	95.4	101.0	96.0	92.5
2008	527	96.2	95.3	98.4	93.5	98.8	99.0	97.3	95.6	100.6	96.0	92.7
2009	432	96.3	95.2	98.4	93.1	99.0	98.6	97.4	95.8	100.5	95.8	92.2
2010	343	95.9	94.8	98.8	93.1	98.5	99.0	97.1	95.8	100.1	95.9	92.2
2011	212	96.0	95.1	98.6	92.9	98.8	99.1	96.9	95.8	101.0	96.2	92.2
2012	102	95.6	95.3	98.3	92.8	99.2	99.8	96.3	95.7	101.3	96.5	91.9
2013	74	95.7	95.2	98.7	93.0	98.9	100.2	96.3	95.9	101.3	96.8	92.4
2014	18	93.9	93.7	98.7	91.9	97.1	100.9	94.5	95.6	99.9	96.4	91.2

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

Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	18781	99.5	96.8	99.7
1981	15582	99.4	96.7	99.7
1982	9688	99.1	96.3	99.7
1983	7272	99.3	96.5	99.9
1984	4576	99.6	96.6	99.9
1985	3144	99.4	96.5	100.1
1986	1909	99.4	96.6	100.0
1987	1291	99.6	96.7	100.1
1988	1134	99.7	96.8	100.3
1989	1251	99.5	96.5	100.5
1990	1398	99.7	96.7	100.4
1991	1476	99.7	96.7	100.3
1992	1422	99.6	96.8	100.1
1993	1843	99.7	96.9	100.0
1994	2515	100.1	97.3	100.0
1995	2483	100.0	97.1	100.1
1996	2242	100.1	97.3	100.1
1997	1993	100.3	97.4	100.2
1998	1821	100.8	98.0	99.8
1999	1745	101.0	98.1	99.6
2000	1585	100.8	97.9	99.5
2001	1589	101.2	98.3	99.5
2002	1376	101.3	98.4	99.5
2003	1305	101.3	98.4	99.2
2004	1323	101.5	98.6	99.0
2005	1059	101.6	98.7	99.1
2006	978	101.7	98.8	98.7
2007	888	102.1	99.2	99.2
2008	788	101.6	98.7	99.5
2009	717	101.8	98.9	99.5
2010	654	102.2	99.3	99.6
2011	614	102.5	99.7	99.9
2012	587	102.9	100.1	99.9
2013	435	103.1	100.3	99.8
2014	403	103.1	100.4	99.9
2015	390	103.2	100.3	99.9
2016	400	103.3	100.4	100.3
2017	305	103.0	100.1	100.4
2018	282	103.6	100.7	100.6
2019	237	103.7	100.9	100.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	866	-2471.8	-8995.3	-417.9	-358.7
2002	678	-2361.0	-8543.6	-398.7	-342.9
2003	651	-2226.8	-7950.8	-374.9	-324.4
2004	623	-2093.7	-7366.0	-349.7	-306.7
2005	497	-2031.1	-7058.2	-343.1	-295.9
2006	482	-1782.8	-6101.8	-298.5	-261.5
2007	434	-1632.7	-5588.1	-275.4	-238.4
2008	440	-1633.0	-5610.4	-272.4	-240.0
2009	338	-1591.1	-5310.1	-267.0	-233.6
2010	299	-1199.4	-3713.9	-196.8	-179.3
2011	283	-911.2	-2610.9	-145.5	-139.0

2012	265	-923.3	-2770.1	-150.3	-139.0
2013	253	-706.6	-1862.1	-110.8	-109.4
2014	261	-645.7	-1596.4	-99.8	-101.1
2015	224	-698.3	-1827.9	-108.9	-108.5
2016	218	-595.3	-1386.6	-89.0	-95.0
2017	72	-444.3	-762.0	-64.3	-72.8

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

Jaar	Aantal	Eff	Int	Gewen
1980	40	96.2	104.2	99.2
1981	24	95.2	103.2	99.3
1990	10	98.6	107.0	98.8
1996	14	97.4	108.0	98.6
1997	19	97.9	107.8	99.1
1998	18	97.3	106.5	98.8
1999	19	98.0	106.8	98.7
2000	36	99.2	105.9	99.2
2001	38	99.0	106.2	99.2
2002	27	98.2	106.1	98.8
2003	32	98.5	105.8	98.7
2004	37	99.1	106.2	98.9
2005	35	99.6	106.5	99.2
2006	52	99.0	106.2	98.8
2007	44	98.7	104.9	99.0
2008	66	98.9	104.7	99.4
2009	49	99.4	104.6	99.0
2010	64	99.4	106.0	99.7
2011	60	98.6	105.7	99.3
2012	46	99.5	104.0	99.1
2013	68	99.1	106.3	99.1
2014	73	98.9	106.5	99.2
2015	66	98.7	109.5	99.5
2016	79	99.2	111.9	99.0
2017	26	98.5	110.8	99.4

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	23159	97.7	102.3	4	-3.5	0	0.0
1981	20564	97.6	101.7	1	-2.5	0	0.0
1982	14932	97.5	101.3	7	-3.0	0	0.0
1983	12813	97.7	101.4	1	-2.0	0	0.0
1984	9402	97.9	101.5	0	0.0	0	0.0
1985	7377	98.1	101.4	9891	-3.8	0	0.0
1986	5023	98.1	101.4	5992	-3.7	0	0.0
1987	3569	98.2	101.1	3881	-3.6	0	0.0
1988	3328	98.0	100.8	3422	-3.6	0	0.0
1989	2986	97.8	100.3	3002	-3.4	0	0.0
1990	2543	97.8	100.2	2560	-3.3	0	0.0
1991	2141	97.8	100.0	2158	-3.1	0	0.0
1992	1848	97.9	100.2	1884	-3.1	0	0.0
1993	1680	98.1	100.3	1694	-3.0	0	0.0
1994	1665	98.7	100.3	1681	-2.8	0	0.0

1995	1551	98.5	100.1	1587	-2.6	0	0.0
1996	1459	98.8	100.3	1496	-2.4	0	0.0
1997	1195	99.4	100.2	1216	-2.4	0	0.0
1998	1083	99.3	99.9	1112	-2.3	0	0.0
1999	922	99.5	100.0	963	-2.2	0	0.0
2000	828	99.6	99.8	915	-2.1	0	0.0
2001	766	99.5	99.8	897	-2.0	289	90.1
2002	608	99.4	99.6	707	-2.0	222	89.5
2003	583	99.7	99.9	688	-1.9	225	90.2
2004	538	99.6	100.2	651	-2.0	224	90.0
2005	441	99.7	100.0	536	-1.9	161	89.7
2006	443	99.7	99.6	497	-1.7	143	89.5
2007	403	99.5	100.1	468	-1.8	62	88.7
2008	417	99.0	99.6	470	-1.7	57	88.3
2009	316	99.1	99.5	357	-1.7	43	87.9
2010	305	99.3	99.7	312	-1.5	28	86.8
2011	290	99.4	99.8	290	-1.4	32	85.8
2012	268	99.6	99.5	268	-1.3	21	86.3
2013	255	100.2	100.0	255	-1.2	21	86.7
2014	264	100.0	100.0	264	-1.0	3	92.0
2015	224	100.5	99.6	224	-1.1	2	93.0
2016	222	100.4	99.9	222	-0.9	3	93.7
2017	69	100.4	100.0	69	-0.8	1	92.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	63	-1199.2	-45.5	-55.0	-64.4	16.4	-20.4	-17.7	-340.6
1981	56	-1235.8	-39.9	-55.9	-66.0	30.3	-19.9	-17.6	-332.7
1982	41	-1212.4	-36.1	-54.8	-65.0	35.5	-19.2	-17.8	-320.0
1983	21	-1268.6	-43.5	-55.7	-67.4	25.8	-17.4	-17.8	-340.0
1984	22	-1132.7	-39.9	-50.0	-61.2	20.5	-15.3	-17.2	-307.0
1985	24	-1081.9	-40.9	-49.3	-59.0	14.4	-17.5	-17.2	-305.6
1986	20	-1118.0	-42.4	-51.0	-60.5	15.4	-17.4	-17.1	-316.0
1987	16	-1083.9	-33.5	-47.6	-59.2	28.6	-14.1	-17.7	-283.4
1988	10	-1263.1	-46.5	-52.4	-67.2	19.3	-11.0	-17.8	-332.6
1990	22	-994.6	-33.5	-44.0	-55.0	21.0	-13.5	-17.2	-267.5
1991	16	-912.5	-23.8	-35.2	-51.3	31.4	-2.6	-17.1	-209.8
1993	12	-1006.6	-30.7	-45.2	-55.4	27.2	-14.4	-17.0	-266.1
1994	23	-949.3	-29.8	-41.3	-52.9	22.8	-10.9	-16.9	-247.7
1995	35	-1242.3	-50.4	-50.9	-66.2	10.0	-9.3	-17.6	-334.7
1996	20	-1003.1	-36.1	-41.0	-55.4	17.4	-6.3	-17.1	-260.8
1997	24	-1197.1	-50.0	-47.4	-64.2	6.7	-5.9	-17.6	-318.8
1998	21	-1060.1	-35.5	-45.3	-58.0	22.6	-11.0	-17.2	-277.6
1999	30	-899.3	-35.3	-41.6	-50.6	9.4	-14.5	-16.8	-259.7
2000	25	-984.1	-39.9	-42.1	-53.2	8.0	-10.0	-14.9	-272.4
2001	31	-1044.8	-41.1	-41.3	-53.7	10.4	-4.5	-10.8	-271.8
2002	27	-986.4	-37.8	-40.9	-49.5	11.7	-7.8	-7.7	-261.8
2003	35	-871.1	-34.7	-38.7	-46.4	8.1	-11.2	-11.3	-245.3
2004	26	-735.5	-24.2	-33.2	-34.5	15.7	-10.2	-1.2	-197.3
2005	32	-867.2	-28.0	-37.2	-40.9	19.8	-8.9	-1.9	-223.8
2006	27	-780.0	-29.2	-34.9	-34.2	10.3	-10.4	3.7	-214.9
2007	15	-912.1	-30.5	-36.5	-45.1	18.9	-4.9	-5.5	-227.5
2008	26	-640.4	-22.8	-30.4	-30.3	11.1	-11.0	-1.2	-181.8
2009	23	-727.3	-27.2	-30.8	-37.5	9.8	-6.3	-7.4	-194.8
2010	20	-925.3	-36.4	-36.5	-46.2	8.9	-3.0	-6.8	-239.7
2011	16	-790.6	-25.8	-32.0	-37.8	17.1	-4.9	-2.2	-196.7
2012	17	-600.9	-21.8	-27.8	-29.0	8.6	-9.3	-2.4	-168.3
2013	17	-482.9	-17.1	-24.4	-25.5	7.8	-10.9	-5.4	-143.6

2014	16	-462.1	-10.6	-21.6	-22.6	17.1	-7.6	-2.4	-117.7
2015	18	-623.4	-22.8	-31.3	-31.2	8.3	-14.6	-4.1	-185.7

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	151	88.4	92.2	90.1	96.3	95.4	86.7	96.4
1981	140	88.9	91.8	89.9	96.6	95.2	86.7	96.3
1982	100	90.0	91.1	90.4	97.1	94.7	86.5	96.5
1983	51	89.3	92.1	90.3	96.9	95.6	87.3	97.0
1984	24	89.5	92.8	90.4	96.8	96.8	87.0	98.0
1985	14	90.1	91.4	90.5	97.6	94.7	86.6	97.5

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

Jaar	Aantal	BA	BZ	KH	BG
1980	151	92.2	95.9	87.1	89.3
1981	140	92.2	96.5	86.6	89.8
1982	100	92.4	96.6	86.9	89.8
1983	51	92.3	96.0	87.7	89.6
1984	24	91.6	96.9	87.3	89.0
1985	14	92.4	96.6	87.1	90.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	151	98.2	95.0	97.4	100.2	96.5	96.0	93.3
1981	140	98.0	95.3	97.8	100.5	96.8	96.1	92.8
1982	100	98.5	96.1	97.9	101.0	97.3	96.1	93.8
1983	51	98.3	95.7	97.5	100.4	96.6	95.5	93.1
1984	24	97.2	95.5	98.3	99.3	95.9	95.5	93.1
1985	14	98.1	96.3	97.4	100.8	97.1	96.6	94.4

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	151	85.2	90.7	98.2	86.4	99.8	86.0
1981	140	84.9	90.6	98.4	87.0	99.3	86.3
1982	100	84.9	90.6	98.9	87.2	98.3	86.7
1983	51	85.7	91.5	98.3	86.8	99.3	86.5
1984	24	86.4	92.6	97.3	86.4	100.6	86.3
1985	14	85.7	91.5	98.7	87.5	98.5	87.1

Tabel: 85 Fries Hollands - roodbont: Vruchtbaarheidsskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	412	103.8	102.2	102.8	103.6	101.4	100.9	93.3	103.4
1981	367	103.3	102.0	102.4	103.2	100.9	100.1	93.3	103.0
1982	281	102.9	102.0	102.1	103.0	100.7	99.9	93.6	102.8
1983	183	102.7	101.2	101.6	102.2	100.3	99.9	93.6	102.1
1984	70	102.8	100.9	101.6	102.1	100.3	99.6	94.1	102.0
1985	43	103.3	100.8	101.7	102.1	100.9	100.3	93.4	102.1
1986	30	102.9	101.5	101.8	102.5	100.8	99.6	94.0	102.4
1987	25	102.2	101.7	101.4	102.4	100.4	99.2	94.0	102.1
1988	15	102.1	101.3	101.3	101.9	100.3	100.5	93.9	101.6
1989	18	102.4	99.9	99.9	100.8	99.5	99.7	92.4	100.4
1990	28	101.8	101.3	101.0	102.0	99.8	99.9	94.6	101.6
1991	22	102.6	100.6	101.2	101.7	100.6	100.7	94.7	101.7
1992	11	102.2	99.5	100.4	100.5	99.5	100.2	94.1	100.5
1993	23	102.9	99.8	100.8	101.0	100.3	100.0	93.7	101.0
1994	30	101.0	100.9	99.9	101.2	99.1	99.7	94.7	100.6
1995	42	102.1	101.5	101.1	102.3	100.3	100.5	94.8	101.8
1996	36	101.4	102.5	101.8	103.0	100.5	100.0	95.7	102.8
1997	37	101.7	102.0	101.6	102.6	100.4	99.6	94.6	102.3
1998	41	102.0	102.0	101.6	102.8	100.9	100.2	94.1	102.3
1999	46	102.1	101.6	101.2	102.5	100.5	100.0	93.9	102.1
2000	40	101.0	102.6	101.4	103.0	100.1	99.3	94.7	102.4
2001	47	101.5	102.0	101.4	102.7	100.4	100.1	95.8	102.2
2002	51	100.7	102.3	101.0	102.4	99.8	99.6	95.9	101.9
2003	64	100.5	101.4	100.2	101.5	99.2	99.7	96.0	100.9
2004	39	101.8	101.1	101.2	102.0	100.6	100.3	96.1	101.7
2005	50	101.8	101.9	101.7	102.8	100.9	100.7	95.4	102.5
2006	51	101.2	101.7	100.9	102.2	100.3	100.0	95.8	101.8
2007	32	101.9	101.1	101.0	101.9	100.4	100.0	94.8	101.6
2008	46	101.7	100.8	101.0	101.7	100.6	100.2	95.2	101.5
2009	62	101.2	101.3	101.0	102.0	100.2	99.9	95.8	101.6
2010	59	101.7	101.3	101.2	102.2	100.5	100.3	95.6	101.8
2011	50	100.8	101.9	101.0	102.2	100.0	99.6	95.8	101.8
2012	57	101.2	101.5	101.1	102.3	100.3	100.2	96.1	101.8
2013	41	101.2	101.7	101.3	102.5	100.4	100.3	96.2	102.0
2014	33	102.1	100.6	101.1	101.7	100.7	100.8	96.3	101.6
2015	31	102.5	99.8	100.6	101.0	100.5	101.0	95.0	100.8
2016	41	101.1	101.1	100.6	101.7	100.0	100.3	96.8	101.2
2017	25	101.0	101.4	101.0	102.0	100.2	100.4	97.5	101.7

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	26	96.2	83.0	99.4	104.6	105.7
1981	31	98.2	87.4	98.6	104.3	105.6
1982	25	98.1	80.7	98.3	103.6	105.0

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	60	-146.9	-340.6	-142.9	105.9	103.4	98.2	86.4	99.1
1981	56	-149.4	-332.7	-109.6	105.8	103.0	98.4	87.0	99.4
1982	40	-158.2	-320.0	-150.8	105.0	102.8	98.9	87.2	98.9
1983	21	-183.0	-340.0	-123.2	105.4	102.1	98.3	86.8	99.8
1984	22	-172.5	-307.0	-298.0	105.6	102.0	97.3	86.4	97.8
1985	24	-173.3	-305.6	-394.9	105.0	102.1	98.7	87.5	98.3
1986	20	-167.1	-316.0	-428.7	104.7	102.4	99.2	87.1	98.6
1987	16	-154.0	-283.4	-495.4	104.2	102.1	98.5	86.2	98.0
1988	10	-160.5	-332.6	-463.0	104.6	101.6	100.5	90.5	97.2
1990	22	-149.8	-267.5	-520.0	103.2	101.6	99.5	89.5	99.9
1991	16	-135.6	-209.8	-421.3	103.1	101.7	98.0	89.0	99.3
1993	12	-139.9	-266.1	-461.8	103.0	101.0	101.5	89.0	99.8
1994	23	-140.2	-247.7	-371.8	103.6	100.6	100.2	88.7	99.4
1995	35	-184.8	-334.7	-472.0	104.0	101.8	100.0	88.0	99.4
1996	20	-152.7	-260.8	-356.3	104.9	102.8	98.0	88.3	98.6
1997	24	-158.9	-318.8	-465.0	104.1	102.3	99.0	88.0	98.9
1998	21	-133.0	-277.6	-385.0	103.7	102.3	99.7	87.0	99.1
1999	30	-148.6	-259.7	-412.2	104.1	102.1	99.7	87.0	98.9
2000	25	-142.0	-272.4	-383.4	104.0	102.4	98.9	88.0	99.0
2001	31	-117.8	-271.8	-223.3	104.3	102.2	97.7	91.3	99.5
2002	27	-129.9	-261.8	-317.7	103.6	101.9	98.8	87.8	99.4
2003	35	-130.4	-245.3	-357.4	103.5	100.9	98.0	88.3	99.2
2004	26	-116.7	-197.3	-291.2	102.9	101.7	99.7	89.3	99.8
2005	32	-129.0	-223.8	-360.6	103.0	102.5	98.5	86.5	99.4
2006	27	-104.9	-214.9	-338.8	103.1	101.8	100.0	90.0	99.5
2007	15	-129.7	-227.5	-328.1	103.1	101.6	99.5	87.0	99.5
2008	26	-90.1	-181.8	-260.5	103.1	101.5	101.0	90.0	99.6
2009	23	-92.0	-194.8	-227.4	103.6	101.6	98.8	88.2	100.1
2010	20	-109.0	-239.7	-279.1	102.7	101.8	99.0	87.0	100.4
2011	16	-91.4	-196.7	-283.8	103.5	101.8	97.0	84.0	100.1
2012	17	-93.4	-168.3	-235.6	103.6	101.8	97.0	87.0	100.4
2013	17	-85.6	-143.6	-193.3	103.7	102.0	101.0	85.0	100.4
2014	16	-52.0	-117.7	-184.9	103.5	101.6	100.0	88.8	100.0
2015	18	-110.9	-185.7	-269.3	103.4	100.8	101.0	88.4	99.7

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	35	98.5	99.8	98.5	99.8	99.4	98.0
1981	42	98.9	100.3	98.9	100.3	100.3	98.1
1982	29	98.8	99.6	98.8	99.6	100.1	97.4
1990	11	100.3	100.0	100.3	100.0	101.5	97.9
1991	12	99.5	99.7	99.5	99.7	100.9	98.6
1994	14	99.9	99.4	99.9	99.4	101.6	99.1
1995	30	100.0	99.9	100.0	99.9	101.5	99.0
1996	23	98.5	99.9	98.5	99.9	100.2	99.1
1997	32	99.0	99.7	99.0	99.7	100.3	99.3
1998	32	99.1	99.7	99.1	99.7	100.8	99.0
1999	30	99.2	99.5	99.2	99.5	100.9	99.5
2000	34	99.1	99.5	99.1	99.5	100.8	99.4
2001	45	99.4	99.9	99.4	99.9	101.2	99.8
2002	50	99.3	99.7	99.3	99.7	101.1	99.7
2003	52	99.4	97.7	99.4	97.7	101.3	97.3
2004	39	99.8	99.7	99.8	99.7	101.4	99.4
2005	43	99.6	99.8	99.6	99.8	101.3	99.5
2006	49	99.6	99.8	99.6	99.8	101.2	99.4

2007	28	99.0	100.1	99.0	100.1	100.5	99.7
2008	35	99.2	100.4	99.2	100.4	100.8	99.9
2009	45	99.8	96.0	99.8	96.0	101.2	95.5
2010	39	99.9	100.7	99.9	100.7	101.3	99.9
2011	36	99.4	100.6	99.4	100.6	100.8	100.0
2012	48	99.9	100.5	99.9	100.5	101.4	100.0
2013	33	99.9	100.5	99.9	100.5	101.7	99.7
2014	32	99.7	100.3	99.7	100.3	101.8	99.7
2015	24	99.6	100.2	99.6	100.2	101.9	99.0
2016	34	99.8	100.1	99.8	100.1	101.9	99.3
2017	44	99.4	100.0	99.4	100.0	101.4	99.2
2018	18	99.5	94.7	99.5	94.7	101.8	94.0
2019	14	99.3	100.2	99.3	100.2	101.4	99.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	53	102.0	99.1	99.8	78.2	78.8	78.3
1981	55	102.0	98.9	99.9	80.0	81.4	80.7
1982	43	101.3	99.3	100.5	57.4	57.3	57.2
1983	30	102.3	100.7	99.3	49.2	49.7	49.6
1984	14	100.5	100.5	101.0	41.6	42.8	42.6
1990	10	100.6	99.4	101.7	77.4	79.4	80.2
1991	12	100.8	98.8	101.1	48.5	49.3	50.0
1995	16	100.9	99.9	100.5	36.3	37.2	37.9
1996	10	101.0	99.8	100.8	57.2	59.9	60.0
1997	19	101.3	98.8	100.1	54.9	57.5	58.6
1998	18	104.4	101.3	97.1	73.3	77.9	79.6
1999	27	102.7	99.4	98.9	53.1	55.4	56.3
2000	20	102.7	99.7	98.5	76.0	79.3	80.0
2001	25	103.4	101.4	98.0	60.3	64.2	65.1
2002	26	104.0	99.5	97.4	83.8	87.6	88.5
2003	38	102.0	99.8	99.6	72.3	75.9	77.1
2004	32	103.9	98.4	97.6	77.6	79.5	80.7
2005	38	102.9	99.8	98.6	87.6	91.2	92.3
2006	33	102.4	99.1	99.0	84.5	86.7	89.0
2007	27	102.8	98.6	98.7	67.4	68.5	70.2
2008	39	102.5	98.8	99.1	68.6	70.6	71.7
2009	40	102.7	98.8	98.8	76.5	78.6	79.8
2010	33	102.4	99.2	99.0	75.4	78.1	79.1
2011	38	102.1	99.1	99.4	70.9	72.2	73.9
2012	40	101.6	99.1	100.0	79.5	81.3	82.0
2013	30	101.5	99.0	100.2	57.6	59.3	60.2
2014	20	102.8	100.0	98.8	71.2	75.2	76.0
2015	27	102.2	99.2	99.4	53.3	55.1	55.7
2016	24	102.7	99.8	99.0	67.7	70.5	71.2
2017	26	102.0	100.8	99.5	87.8	92.5	93.1
2018	26	101.2	100.3	100.3	44.4	46.0	46.0
2019	15	101.8	100.1	99.9	51.0	53.4	53.5

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	49	100.2	101.7	95.0	94.2	107.0	94.0	101.2	93.7	104.9	93.1	93.6

1981	57	100.0	101.4	95.1	94.3	107.0	94.4	100.7	94.4	104.3	93.3	92.6
1982	53	99.8	100.8	94.3	94.1	106.1	94.3	100.6	94.4	104.6	93.5	93.1
1983	23	100.0	101.8	92.3	95.3	106.0	93.4	101.7	93.2	104.7	91.3	95.1
1984	14	100.6	101.9	93.6	95.1	106.7	93.9	101.7	93.7	105.0	92.0	95.9
1985	14	100.6	101.4	94.9	95.5	106.2	94.8	101.4	94.4	104.9	92.9	95.1
1986	12	100.5	102.8	94.5	95.6	106.7	94.9	101.6	93.6	104.8	93.2	94.7
1987	10	101.0	100.0	95.4	95.2	105.8	94.1	102.7	93.2	104.3	93.4	95.3
1989	11	99.2	100.0	93.9	95.4	103.5	95.1	100.5	94.6	102.9	92.6	95.2
1990	21	99.5	98.6	95.6	94.8	103.4	95.2	101.4	94.3	102.2	93.4	93.2
1991	17	99.0	98.3	95.9	94.8	103.1	95.2	100.9	94.1	101.4	92.7	93.4
1992	12	99.6	98.5	94.2	94.9	103.3	94.6	101.1	95.7	102.8	92.2	94.3
1993	19	99.2	99.3	94.9	95.8	102.8	95.9	100.1	95.5	103.4	93.8	93.7
1994	27	98.4	99.6	94.6	94.8	102.7	95.3	99.5	94.7	103.0	93.0	93.7
1995	36	98.2	100.8	94.4	94.9	103.8	95.8	99.2	94.7	104.5	93.6	92.0
1996	30	98.2	100.1	94.2	95.0	103.5	95.0	99.9	93.4	102.4	92.7	92.3
1997	36	99.1	101.3	93.1	95.4	105.0	95.2	100.2	94.1	104.6	92.6	93.4
1998	35	99.7	101.9	94.4	94.6	105.7	95.6	99.6	96.2	105.4	93.2	92.4
1999	42	99.7	101.4	95.1	94.6	105.6	95.7	100.0	95.4	104.8	93.7	92.0
2000	37	99.6	102.1	92.6	96.1	105.1	94.9	100.7	94.4	104.6	92.2	93.6
2001	43	98.3	101.5	92.0	95.7	103.9	95.7	99.3	93.3	105.4	92.2	94.6
2002	45	98.1	100.7	93.5	94.6	104.0	95.6	99.2	93.7	104.7	92.6	93.3
2003	57	98.5	100.4	94.5	95.0	103.7	95.7	99.5	94.8	103.9	93.3	92.5
2004	40	98.1	98.5	94.0	94.0	102.8	95.7	99.2	94.3	103.3	92.8	92.3
2005	44	98.8	100.6	93.2	94.6	104.2	95.7	99.5	94.7	105.1	93.2	92.7
2006	36	98.5	100.4	93.3	94.8	103.6	95.6	99.3	94.8	104.5	92.8	92.8
2007	21	97.3	98.6	94.2	94.4	101.8	96.4	98.9	94.2	102.5	93.7	91.6
2008	30	98.3	98.6	94.0	94.4	102.0	95.7	99.4	95.5	102.6	93.2	92.2
2009	24	98.4	99.3	94.0	94.7	102.6	96.1	99.3	95.3	103.0	93.6	92.1
2010	14	97.6	99.1	93.4	94.6	102.1	96.2	98.9	93.9	102.8	93.2	92.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	38	100.4	97.4	100.2
1981	44	100.6	97.8	100.2
1982	31	100.5	97.7	99.9
1990	11	99.6	96.7	100.3
1991	14	99.7	96.9	100.9
1994	15	101.4	98.4	100.4
1995	30	101.3	98.3	100.8
1996	24	101.3	98.4	100.7
1997	35	101.2	98.3	100.2
1998	27	100.8	97.6	100.7
1999	25	100.9	97.8	100.4
2000	32	101.5	98.2	100.2
2001	28	101.4	98.1	99.8
2002	34	101.5	98.4	99.8
2003	42	101.9	98.7	100.5
2004	38	101.8	98.3	99.5
2005	37	101.9	98.6	100.2
2006	42	101.6	98.4	100.5
2007	34	101.4	98.2	100.6
2008	37	101.5	98.5	100.6
2009	47	102.6	99.5	100.4
2010	39	102.2	99.3	100.3
2011	36	101.8	98.7	100.6
2012	48	102.6	99.5	100.4
2013	29	102.4	99.2	100.5
2014	32	102.4	99.3	100.6

2015	21	102.1	98.9	100.9
2016	35	103.0	99.8	100.9
2017	42	103.2	100.0	100.6
2018	19	103.6	100.5	100.7
2019	15	103.5	100.4	100.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	24	-2614.9	-9558.8	-454.2	-373.3
2002	27	-3167.8	-11868.0	-545.6	-453.5
2003	36	-3332.5	-12386.5	-575.9	-476.7
2004	27	-2840.9	-10560.9	-480.4	-411.2
2005	33	-3270.3	-12294.4	-556.0	-471.2
2006	26	-3060.9	-11308.1	-523.1	-439.6
2007	14	-3106.4	-11815.2	-531.9	-445.5
2008	25	-2610.3	-9566.0	-443.0	-377.2
2009	20	-2333.3	-8453.5	-401.1	-335.4
2010	17	-2812.9	-10461.9	-487.1	-401.4
2011	16	-2776.5	-10474.2	-474.6	-398.6
2012	16	-2390.0	-8694.6	-410.1	-343.4
2013	18	-2104.5	-7489.1	-357.2	-305.2
2014	18	-1980.7	-7249.6	-330.2	-289.5
2015	19	-2718.4	-9932.2	-460.9	-393.4
2016	12	-1454.3	-4994.8	-229.8	-220.0

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	63	97.8	103.2	0	0.0	0	0.0
1981	56	97.1	101.9	0	0.0	0	0.0
1982	41	97.4	102.0	0	0.0	0	0.0
1983	21	97.4	102.0	0	0.0	0	0.0
1984	22	97.1	102.5	0	0.0	0	0.0
1985	24	96.9	102.9	28	-3.7	0	0.0
1986	20	97.9	103.0	25	-3.6	0	0.0
1987	16	97.0	102.8	17	-3.3	0	0.0
1988	10	96.9	102.8	10	-3.3	0	0.0
1990	22	98.6	102.4	22	-2.6	0	0.0
1991	16	96.6	101.1	16	-2.5	0	0.0
1993	12	95.7	99.2	12	-2.6	0	0.0
1994	23	96.7	102.1	23	-3.0	0	0.0
1995	35	97.3	102.1	35	-3.9	0	0.0
1996	20	98.5	102.0	20	-3.1	0	0.0
1997	24	98.2	102.2	24	-3.2	0	0.0
1998	21	97.7	101.1	22	-2.8	0	0.0
1999	30	98.0	101.3	31	-3.1	0	0.0
2000	25	97.5	101.7	25	-3.1	0	0.0
2001	31	97.8	101.9	31	-3.0	3	90.0
2002	27	98.4	101.2	27	-2.8	5	91.0
2003	35	98.0	101.9	36	-2.6	7	88.3
2004	26	97.7	100.2	26	-2.5	3	90.7
2005	32	97.6	101.9	34	-2.9	6	88.3
2006	27	98.3	101.5	27	-2.3	1	88.0

2007	15	99.1	101.6	15	-2.6	2	93.5
2008	26	99.1	101.2	26	-1.8	1	92.0
2009	23	99.8	101.8	25	-2.4	3	90.7
2010	20	100.3	101.5	21	-2.6	2	91.0
2011	16	100.2	101.4	16	-1.8	1	81.0
2012	17	101.2	102.2	17	-2.4	1	86.0
2013	17	99.9	101.9	17	-2.3	1	81.0
2014	16	100.7	101.9	17	-1.5	3	90.0
2015	18	100.0	103.3	18	-1.9	8	91.9

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14	-652.8	-31.4	-41.8	-39.4	-3.1	-30.6	-16.4	-249.2

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	17	100.2	88.9	96.2	103.3	86.9	90.6	95.2

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

Jaar	Aantal	BA	BZ	KH	BG
1980	17	92.1	103.2	84.9	90.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	17	103.2	99.0	96.5	104.4	103.4	100.4	97.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	17	87.4	90.3	104.7	87.9	90.4	90.9

Tabel: 99 Overige Friesian: Vruchtbaarheidskenmerken

Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	22	99.4	99.5	98.2	98.3	97.9	100.3	99.3	98.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	14	-113.9	-249.2	132.2	104.3	98.2	104.7	87.9	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	97.3	100.7	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	15917	-1294.9	-59.0	-55.3	-68.7	-2.3	-14.7	-17.8	-371.3
1981	16451	-1296.5	-58.3	-55.1	-68.8	-0.8	-14.2	-17.9	-369.1
1982	19883	-1267.3	-56.8	-54.0	-67.4	-0.3	-14.0	-17.8	-360.8
1983	26466	-1256.0	-55.7	-53.3	-66.9	0.8	-13.3	-17.8	-355.5
1984	33990	-1239.8	-55.7	-52.7	-66.2	-0.4	-13.3	-17.7	-353.0
1985	39065	-1230.5	-56.0	-52.3	-65.8	-1.8	-13.0	-17.7	-351.6
1986	36129	-1228.0	-55.5	-51.8	-65.6	-1.0	-12.2	-17.7	-348.7
1987	34319	-1228.8	-54.9	-51.3	-65.7	0.2	-11.2	-17.7	-345.6
1988	44034	-1234.2	-53.7	-51.7	-66.0	3.1	-11.4	-17.8	-344.5
1989	32013	-1265.8	-53.1	-51.5	-67.5	7.0	-8.8	-18.1	-343.1
1990	23405	-1202.3	-51.3	-49.0	-64.6	5.1	-8.3	-18.0	-327.8
1991	19905	-1075.2	-45.3	-44.7	-58.8	5.6	-8.9	-17.6	-295.9
1992	18841	-1010.4	-43.2	-42.4	-55.8	4.0	-9.0	-17.4	-281.2
1993	18751	-905.3	-39.1	-38.3	-51.2	2.8	-8.4	-17.5	-254.4
1994	12675	-841.2	-37.7	-36.2	-48.9	0.2	-8.9	-18.5	-242.3
1995	9165	-793.7	-37.7	-34.8	-47.4	-3.6	-9.4	-19.4	-236.0
1996	6305	-692.3	-34.8	-31.0	-42.7	-6.5	-9.2	-19.0	-213.1
1997	4584	-606.9	-30.6	-27.7	-38.8	-5.7	-8.7	-18.8	-189.3
1998	3910	-581.4	-29.5	-25.9	-37.3	-5.6	-7.2	-18.3	-179.1
1999	3624	-542.3	-26.5	-23.1	-35.4	-3.5	-4.9	-18.0	-161.3
2000	3395	-447.7	-23.1	-20.1	-29.9	-4.7	-5.6	-15.8	-139.8
2001	3276	-380.2	-19.9	-17.9	-19.3	-4.5	-6.0	-2.9	-120.9
2002	2735	-284.9	-14.5	-13.8	-13.8	-2.3	-4.8	-0.9	-91.1
2003	2719	-278.0	-16.9	-13.5	-13.8	-6.8	-4.9	-1.5	-95.1
2004	2657	-255.0	-15.2	-11.9	-13.6	-5.7	-3.6	-3.0	-84.8
2005	2588	-227.7	-14.0	-10.6	-13.0	-5.8	-3.1	-4.0	-76.8
2006	2760	-91.8	-9.2	-5.1	-6.7	-7.5	-2.3	-4.0	-42.2
2007	2875	-111.3	-8.0	-5.6	-7.8	-4.5	-1.9	-4.2	-42.0
2008	2888	-74.7	-5.3	-3.7	-6.2	-2.7	-1.1	-4.4	-28.3

2009	2685	-10.5	-4.1	-1.5	-4.4	-5.1	-1.3	-6.1	-16.0
2010	2520	66.9	-1.5	0.3	-1.0	-6.3	-2.8	-6.3	-2.1
2011	2513	94.7	1.7	2.2	-0.3	-3.1	-1.5	-7.2	12.4
2012	2596	120.7	4.5	3.7	0.8	-0.7	-0.7	-7.3	24.6
2013	2712	129.9	4.5	5.7	2.6	-1.4	1.8	-5.1	33.5
2014	2336	187.8	7.7	6.8	4.1	-0.3	0.3	-6.9	45.5
2015	2020	195.2	9.0	6.9	4.3	1.1	-0.0	-7.2	48.5
2016	1654	226.9	12.0	9.4	6.1	3.4	2.0	-6.6	65.6
2017	597	250.3	13.1	10.7	6.5	3.6	2.6	-7.5	73.2

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	50498	89.1	96.9	90.5	96.0	100.1	97.9	96.3
1981	51092	89.3	96.9	90.8	96.3	99.8	98.0	96.5
1982	49378	89.4	97.3	91.3	96.8	100.5	98.1	96.3
1983	47999	89.7	97.3	91.7	97.0	100.5	98.6	96.4
1984	41174	90.2	97.6	92.0	97.4	100.2	98.4	96.9
1985	36108	91.0	98.0	92.7	98.0	100.4	98.8	97.4
1986	26255	91.4	98.2	93.2	98.4	100.2	98.8	97.5
1987	20083	92.2	98.4	93.9	98.9	100.1	98.9	97.6
1988	21237	92.2	98.3	94.3	99.2	100.2	98.8	97.4
1989	13459	92.1	98.6	94.3	99.3	100.6	99.0	97.7
1990	9565	92.6	98.2	94.1	99.2	100.2	99.0	97.9
1991	8420	93.2	97.7	94.6	99.7	99.6	99.0	97.7
1992	7703	93.7	97.3	95.1	100.3	99.2	98.4	97.5
1993	6976	94.0	97.1	94.6	100.1	99.0	98.3	97.3
1994	4513	94.6	98.3	95.5	100.7	99.0	98.2	98.0
1995	3180	95.0	98.9	96.2	101.0	99.0	98.4	98.5
1996	2307	96.4	98.9	97.0	101.1	99.6	98.9	99.1
1997	1616	96.6	99.4	97.6	101.5	99.4	99.0	99.2
1998	1446	96.7	99.0	97.3	101.4	99.2	98.9	98.6
1999	1406	96.8	99.2	97.4	101.6	99.1	98.4	98.0
2000	1302	97.1	99.0	97.2	101.7	98.7	99.1	98.5
2001	1259	97.4	99.5	98.0	102.2	98.8	99.3	98.9
2002	1136	97.8	99.5	98.1	102.5	98.8	98.9	98.7
2003	1118	98.8	99.9	98.3	102.8	98.9	99.8	99.5
2004	1115	99.2	99.8	98.2	102.5	98.8	99.6	99.3
2005	1120	99.8	100.3	98.9	103.2	99.0	99.6	99.3
2006	1154	100.0	99.7	99.0	103.5	98.0	99.6	99.0
2007	1101	99.7	99.6	98.5	102.8	98.2	99.9	99.9
2008	1063	99.9	100.4	99.2	103.2	98.6	99.8	100.3
2009	1075	100.4	100.4	99.3	103.4	98.5	99.5	99.8
2010	1088	100.5	100.0	99.2	103.6	98.3	99.5	99.7
2011	1089	100.7	100.4	99.7	103.9	98.4	99.6	100.3
2012	1116	101.1	100.8	100.0	103.7	98.8	99.3	100.1
2013	1129	101.2	100.7	100.1	104.1	98.2	99.3	100.2
2014	924	101.4	100.8	99.9	103.7	98.5	99.8	100.6
2015	800	101.4	100.7	99.8	103.7	98.5	100.0	100.4
2016	765	101.6	100.8	100.7	104.3	98.3	99.6	100.1
2017	143	101.7	100.8	100.9	104.4	98.3	99.7	100.1

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

Jaar	Aantal	BA	BZ	KH	BG
1980	50498	91.2	99.5	89.3	90.3
1981	51092	91.4	99.8	89.0	90.5
1982	49378	91.7	100.4	88.9	90.9
1983	47999	91.8	100.6	89.4	90.9
1984	41174	92.6	99.7	90.2	92.0
1985	36108	93.1	99.0	90.6	92.4
1986	26255	93.5	99.2	90.6	92.7
1987	20083	93.9	98.6	91.3	93.1
1988	21237	93.4	99.3	91.4	92.8
1989	13459	93.3	99.8	91.4	92.8
1990	9565	93.2	100.0	91.6	92.6
1991	8420	93.6	100.2	91.4	92.9
1992	7703	94.2	100.2	92.1	93.4
1993	6976	94.8	99.6	93.1	93.9
1994	4513	95.1	100.2	93.4	94.1
1995	3180	96.1	100.4	94.1	94.8
1996	2307	96.6	100.7	94.5	95.5
1997	1616	97.0	100.9	94.5	95.6
1998	1446	96.8	100.3	94.6	95.6
1999	1406	97.4	100.7	95.0	96.3
2000	1302	97.2	100.4	95.3	96.3
2001	1259	97.4	100.9	94.9	96.4
2002	1136	98.0	101.0	95.2	97.1
2003	1118	97.6	100.6	96.0	96.8
2004	1115	98.0	100.4	96.1	97.2
2005	1120	97.9	100.6	96.4	97.3
2006	1154	98.3	101.2	96.1	97.5
2007	1101	98.6	100.3	96.8	98.1
2008	1063	98.4	100.5	96.4	97.8
2009	1075	99.0	100.8	96.9	98.3
2010	1088	99.7	101.0	96.9	99.1
2011	1089	99.8	100.8	96.9	99.3
2012	1116	99.9	100.5	97.3	99.4
2013	1129	100.2	100.6	97.9	99.9
2014	924	100.7	100.4	97.9	100.4
2015	800	100.6	100.4	98.0	100.1
2016	765	101.1	100.5	98.2	100.7
2017	143	101.0	101.0	97.6	100.6

Tabel: 105 Maas Rijn IJssel: Exterieurkenmerken uier

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	50498	94.7	91.1	100.5	95.3	94.3	92.8	90.2
1981	51092	95.0	91.2	100.5	95.2	94.1	92.9	90.2
1982	49378	95.0	91.7	100.7	95.1	93.9	93.0	90.8
1983	47999	95.3	92.1	100.5	95.4	94.1	93.1	91.2
1984	41174	96.0	92.7	101.3	95.6	95.0	93.5	91.7
1985	36108	96.4	93.0	101.9	95.6	95.3	93.6	91.9
1986	26255	96.6	93.2	102.0	95.7	95.6	93.8	92.2
1987	20083	97.1	93.6	102.1	96.1	95.7	94.1	92.6
1988	21237	97.0	94.0	101.5	96.2	95.2	94.4	92.9
1989	13459	96.8	94.2	100.8	96.3	94.8	95.0	93.4
1990	9565	97.0	94.7	101.5	96.8	95.1	94.9	93.6
1991	8420	97.7	95.5	101.7	96.9	96.0	94.8	93.9
1992	7703	97.8	96.1	101.4	96.8	96.3	94.5	93.9
1993	6976	98.8	96.5	101.0	97.8	96.7	95.3	94.4
1994	4513	98.9	96.8	100.9	97.7	96.3	95.2	94.7

1995	3180	99.0	97.1	100.6	97.9	96.3	95.8	95.3
1996	2307	98.4	97.6	100.6	98.2	96.2	95.9	96.0
1997	1616	98.4	97.7	100.6	98.0	96.6	96.2	96.4
1998	1446	98.7	97.6	101.0	98.2	96.9	95.8	96.0
1999	1406	98.7	97.7	101.1	98.1	97.7	96.8	96.5
2000	1302	98.8	97.2	101.4	98.2	97.5	96.5	96.4
2001	1259	99.0	98.1	100.6	98.3	97.3	96.9	97.0
2002	1136	99.3	98.5	100.5	98.7	98.0	97.5	97.6
2003	1118	99.3	98.6	100.4	99.2	98.0	97.3	97.6
2004	1115	99.7	98.8	100.3	99.5	98.5	97.3	97.6
2005	1120	99.7	99.0	100.7	99.6	98.6	97.5	97.8
2006	1154	99.8	98.5	100.7	100.0	99.2	97.7	97.8
2007	1101	99.8	99.7	101.0	100.1	100.2	98.6	99.0
2008	1063	99.6	99.4	100.4	99.9	100.1	98.9	99.1
2009	1075	100.1	100.0	100.2	100.3	100.6	99.4	99.6
2010	1088	100.5	100.4	99.9	100.7	101.3	99.5	100.1
2011	1089	101.0	100.2	100.0	100.8	101.2	99.2	99.9
2012	1116	101.1	100.6	99.3	101.2	101.1	99.6	100.5
2013	1129	101.1	101.7	99.6	100.8	102.4	100.1	101.3
2014	924	101.7	101.6	98.8	101.4	102.0	99.6	100.8
2015	800	102.1	101.4	98.7	101.4	101.7	99.5	100.7
2016	765	101.8	102.0	98.6	101.4	102.4	100.2	101.5
2017	143	101.4	101.9	98.1	101.5	102.4	100.3	101.6

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	50498	92.8	95.0	93.3	88.2	103.6	87.3
1981	51092	93.0	95.1	93.4	88.4	103.4	87.5
1982	49378	93.3	96.1	93.3	88.8	103.6	87.9
1983	47999	93.7	96.4	93.6	89.0	103.5	88.4
1984	41174	94.1	96.7	94.4	89.8	103.0	89.3
1985	36108	94.9	97.6	94.7	90.0	103.0	90.0
1986	26255	95.2	98.0	94.9	90.3	102.8	90.4
1987	20083	95.6	98.5	95.4	90.7	102.4	91.1
1988	21237	95.5	98.8	95.3	90.6	102.3	91.0
1989	13459	95.9	99.2	95.2	90.9	102.7	91.3
1990	9565	95.7	98.8	95.6	90.7	102.3	91.3
1991	8420	95.7	98.8	96.2	91.1	101.7	91.8
1992	7703	95.3	98.9	96.2	91.7	101.1	92.0
1993	6976	94.8	98.5	97.3	92.4	100.3	92.7
1994	4513	95.8	99.2	97.1	92.8	100.6	93.3
1995	3180	96.6	99.6	97.2	93.6	100.7	94.1
1996	2307	97.5	100.4	97.0	94.4	101.0	94.8
1997	1616	98.0	100.7	97.1	94.7	100.9	95.1
1998	1446	97.4	100.3	97.3	94.6	100.8	95.0
1999	1406	96.9	100.4	97.7	95.4	100.7	95.5
2000	1302	97.3	100.1	97.6	95.3	100.3	95.5
2001	1259	98.1	100.8	97.7	95.4	100.4	95.9
2002	1136	97.9	101.0	98.2	96.1	100.3	96.5
2003	1118	98.9	101.5	98.4	96.0	100.7	96.9
2004	1115	98.6	101.2	98.9	96.3	100.6	97.2
2005	1120	99.0	101.7	98.9	96.5	100.8	97.5
2006	1154	98.7	101.2	99.4	96.7	100.0	97.7
2007	1101	99.1	101.1	99.8	97.3	100.1	98.4
2008	1063	99.7	101.8	99.6	97.0	100.6	98.4
2009	1075	99.4	101.7	100.2	97.6	100.5	98.9
2010	1088	99.2	101.7	100.7	98.4	100.0	99.5
2011	1089	99.9	102.1	100.8	98.6	100.3	100.0

2012	1116	99.8	102.2	101.0	98.8	100.7	100.1
2013	1129	99.9	102.2	101.3	99.4	100.0	100.7
2014	924	100.4	102.1	101.6	99.9	100.3	101.2
2015	800	100.2	102.2	101.6	99.6	100.3	101.1
2016	765	100.2	102.4	101.8	100.3	100.2	101.6
2017	143	100.5	102.4	101.7	100.2	100.2	101.5

Tabel: 107 Maas Rijn IJssel: Vruchtbaarheidsskenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	95354	103.1	101.7	101.7	102.5	100.5	100.3	90.0	102.3
1981	102054	103.3	101.7	101.8	102.6	100.7	100.4	89.8	102.4
1982	98105	102.9	101.6	101.5	102.4	100.4	100.3	89.4	102.1
1983	96665	102.8	101.4	101.2	102.1	100.3	100.4	89.7	101.9
1984	87950	102.3	101.4	101.0	102.0	100.1	100.5	89.7	101.7
1985	79481	102.0	101.3	100.7	101.8	99.8	100.4	90.5	101.4
1986	63974	101.8	101.2	100.5	101.6	99.7	100.2	90.6	101.2
1987	53423	101.9	101.0	100.5	101.6	99.9	100.3	90.7	101.2
1988	55472	102.5	100.4	100.5	101.2	100.2	100.7	90.3	100.9
1989	38794	102.6	100.5	100.6	101.4	100.5	101.0	90.1	101.1
1990	28067	102.4	100.3	100.4	101.1	100.4	101.1	90.3	100.8
1991	24650	101.7	100.4	100.1	100.8	100.1	100.6	91.0	100.5
1992	23861	101.4	100.7	100.3	101.0	100.2	100.5	91.9	100.7
1993	23275	101.2	100.5	100.2	101.0	100.4	100.5	92.2	100.7
1994	15890	101.3	99.8	99.8	100.3	100.1	100.5	92.1	100.0
1995	11535	101.1	99.9	99.8	100.3	100.1	100.2	92.0	100.0
1996	8024	100.6	100.4	99.8	100.5	99.9	99.6	93.9	100.2
1997	5924	100.4	100.2	99.6	100.3	99.7	99.4	94.2	99.9
1998	5103	100.3	100.3	99.7	100.4	99.8	99.5	94.5	100.1
1999	4647	100.4	100.0	99.8	100.4	100.1	100.0	95.0	100.1
2000	4207	100.3	99.9	99.8	100.3	100.2	100.4	95.1	100.1
2001	4049	100.1	99.8	99.5	100.0	99.8	99.9	95.1	99.7
2002	3401	99.8	99.6	99.1	99.7	99.5	99.6	95.7	99.4
2003	3475	99.7	99.9	99.3	100.0	99.5	99.1	96.6	99.6
2004	3324	99.9	100.1	99.7	100.3	100.0	99.3	97.1	100.0
2005	3162	99.7	100.2	99.7	100.4	99.9	99.5	97.8	100.1
2006	3328	99.3	99.9	99.6	100.1	99.9	99.9	98.1	99.8
2007	3519	99.4	100.0	99.7	100.2	100.0	99.9	98.7	100.0
2008	3558	99.6	100.0	99.8	100.3	100.1	99.9	99.0	100.1
2009	3158	99.7	100.3	100.2	100.6	100.5	100.1	99.2	100.5
2010	2975	99.7	100.2	100.1	100.5	100.4	99.9	99.6	100.4
2011	3015	99.4	100.0	99.8	100.2	100.1	99.6	99.8	100.0
2012	3121	99.2	100.1	99.8	100.3	100.0	99.2	100.0	100.1
2013	3272	99.9	99.7	100.2	100.4	100.7	100.2	99.7	100.3
2014	2788	99.6	99.9	100.2	100.4	100.4	99.6	100.7	100.4
2015	2448	100.0	99.9	100.5	100.6	100.8	100.2	101.0	100.6
2016	2010	99.9	99.8	100.4	100.5	100.8	100.5	100.9	100.5
2017	1170	99.9	99.9	100.6	100.7	100.9	100.7	101.3	100.7

Tabel: 108 Maas Rijn IJssel: Gebruikskenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	10901	97.1	88.7	99.1	102.5	102.7
1981	11053	97.1	89.2	98.7	102.0	102.5

1982	11203	97.2	90.5	98.4	101.8	102.3
1983	12624	97.5	91.3	98.2	101.4	102.1
1984	13288	97.3	92.6	98.1	101.1	101.7
1985	12753	97.4	93.4	97.8	100.8	101.7
1986	10413	97.5	94.1	97.6	100.7	101.5
1987	8742	97.9	95.2	97.5	100.6	101.5
1988	10210	98.1	95.8	97.9	100.8	101.9
1989	6930	98.3	95.7	97.8	100.5	101.7
1990	5436	97.9	95.6	97.9	100.6	101.7
1991	6870	98.5	96.0	98.0	100.5	101.5
1992	7707	98.6	96.3	97.6	100.2	101.2
1993	6914	98.9	97.3	98.4	100.9	101.4
1994	4336	98.9	97.2	98.1	100.6	100.9
1995	3058	99.2	96.9	97.7	100.2	100.3
1996	2175	99.8	96.6	98.3	100.3	100.7
1997	1513	99.7	96.9	98.1	100.0	100.4
1998	1374	99.8	97.1	98.2	99.8	100.5
1999	1313	99.7	97.1	97.8	99.3	100.1
2000	1220	99.3	97.9	98.2	99.9	100.5
2001	1195	99.3	97.6	97.9	99.4	100.1
2002	1047	99.7	98.3	98.6	99.9	100.5
2003	1029	99.6	97.9	98.3	99.5	100.3
2004	986	99.4	98.2	98.8	99.8	100.7
2005	964	99.5	98.4	98.3	99.2	100.3
2006	964	99.7	98.7	98.3	99.1	100.2
2007	968	99.7	99.2	98.8	99.7	100.8
2008	895	99.8	99.2	98.8	99.4	100.6
2009	923	99.6	99.0	99.3	99.6	100.8
2010	943	99.8	99.8	99.5	99.8	100.7
2011	913	99.9	100.4	99.7	99.8	100.6
2012	924	100.0	100.3	100.1	100.1	100.6
2013	926	99.7	100.0	100.1	100.2	100.9
2014	785	100.2	100.4	99.7	99.7	100.3
2015	633	100.2	100.8	99.6	99.7	100.2
2016	657	99.8	100.9	100.2	100.3	100.6
2017	118	99.7	101.1	100.7	100.6	100.7

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	15905	-187.1	-371.3	-217.8	102.9	102.3	93.3	88.2	97.8
1981	16443	-191.9	-369.1	-249.6	102.6	102.4	93.4	88.4	98.0
1982	19876	-195.1	-360.8	-269.5	102.3	102.1	93.3	88.8	97.9
1983	26459	-198.7	-355.5	-301.3	102.0	101.9	93.6	89.0	97.7
1984	33984	-199.3	-353.0	-370.4	101.7	101.7	94.4	89.8	98.1
1985	39065	-206.0	-351.6	-445.5	101.5	101.4	94.7	90.0	98.1
1986	36127	-209.4	-348.7	-509.6	101.4	101.2	94.9	90.3	98.1
1987	34319	-210.1	-345.6	-563.3	101.2	101.2	95.4	90.7	98.3
1988	44034	-212.5	-344.5	-597.1	101.6	100.9	95.3	90.6	98.3
1989	32013	-212.7	-343.1	-619.5	101.3	101.1	95.2	90.9	98.1
1990	23405	-207.6	-327.8	-584.7	101.4	100.8	95.6	90.7	98.0
1991	19905	-192.1	-295.9	-531.5	101.2	100.5	96.2	91.1	97.9
1992	18841	-184.7	-281.2	-502.8	100.9	100.7	96.2	91.7	97.7
1993	18751	-156.1	-254.4	-437.7	101.3	100.7	97.3	92.4	97.8
1994	12675	-160.3	-242.3	-432.6	100.8	100.0	97.1	92.8	97.8
1995	9164	-153.8	-236.0	-405.6	100.3	100.0	97.2	93.6	98.0
1996	6305	-135.3	-213.1	-335.1	100.6	100.2	97.0	94.4	98.1
1997	4584	-128.8	-189.3	-314.8	100.3	99.9	97.1	94.7	98.2
1998	3910	-119.4	-179.1	-288.2	100.3	100.1	97.3	94.6	98.3

1999	3624	-107.0	-161.3	-286.4	99.7	100.1	97.7	95.4	98.4
2000	3395	-91.5	-139.8	-238.6	100.3	100.1	97.6	95.3	98.7
2001	3276	-90.0	-120.9	-213.8	99.7	99.7	97.7	95.4	98.7
2002	2735	-68.5	-91.1	-156.7	100.3	99.4	98.2	96.1	98.6
2003	2719	-69.8	-95.1	-145.2	99.9	99.6	98.4	96.0	98.5
2004	2657	-51.6	-84.8	-90.2	100.4	100.0	98.9	96.3	98.7
2005	2588	-51.3	-76.8	-105.1	99.8	100.1	98.9	96.5	98.6
2006	2760	-33.5	-42.2	-34.1	99.7	99.8	99.4	96.7	98.9
2007	2875	-23.9	-42.0	-17.7	100.4	100.0	99.8	97.3	99.0
2008	2888	-24.6	-28.3	-49.7	100.1	100.1	99.6	97.0	99.3
2009	2685	-11.8	-16.0	-25.4	100.4	100.5	100.2	97.6	99.4
2010	2520	0.3	-2.1	27.5	100.4	100.4	100.7	98.4	99.3
2011	2513	3.9	12.4	32.6	100.3	100.0	100.8	98.6	99.1
2012	2596	8.9	24.6	29.2	100.5	100.1	101.0	98.8	99.0
2013	2712	19.9	33.5	36.4	100.7	100.3	101.3	99.4	99.4
2014	2336	26.1	45.5	69.4	100.1	100.4	101.6	99.9	99.5
2015	2020	27.2	48.5	68.9	100.0	100.6	101.6	99.6	99.4
2016	1654	44.2	65.6	92.4	100.6	100.5	101.8	100.3	99.4
2017	597	54.7	73.2	121.9	100.8	100.7	101.7	100.2	99.5

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1986	10	96.7	97.0	98.3	97.4	98.2	99.8	99.3
1991	11	95.2	96.7	97.5	95.5	96.3	99.5	99.0
1992	14	96.4	97.4	98.4	96.5	97.5	100.7	99.0
1993	51	96.0	97.8	98.0	95.2	99.2	97.5	100.4
1994	127	95.6	96.5	98.0	95.3	98.5	99.2	100.2
1995	465	95.9	96.8	98.1	95.5	98.8	99.2	100.3
1996	274	96.6	97.8	98.1	96.2	98.7	100.3	100.0
1997	377	96.5	97.6	98.1	96.3	98.4	100.2	100.0
1998	437	96.5	97.8	98.0	96.2	98.6	100.1	100.0
1999	514	96.4	97.6	98.0	96.1	98.9	99.0	100.0
2000	418	96.3	98.0	97.8	95.6	99.2	98.4	100.1
2001	407	97.0	98.3	98.4	96.2	99.4	99.2	100.5
2002	488	98.0	98.8	98.6	97.5	99.6	100.2	100.7
2003	551	98.1	98.9	98.6	97.8	99.6	100.2	100.6
2004	649	97.7	98.8	98.5	97.3	99.4	99.5	100.2
2005	579	98.3	99.1	98.9	97.8	99.5	100.2	100.4
2006	672	98.2	99.4	98.6	97.6	99.6	100.3	100.4
2007	717	98.6	99.6	99.0	98.2	99.6	99.8	100.1
2008	755	97.9	99.1	98.5	97.6	99.3	99.2	100.0
2009	792	97.9	99.2	98.2	97.5	99.3	99.4	100.2
2010	787	98.8	99.7	98.7	98.3	99.8	100.4	100.9
2011	759	99.2	99.8	99.0	98.7	99.5	100.7	100.8
2012	731	99.3	99.9	99.1	98.6	99.8	100.6	100.8
2013	768	99.9	100.8	99.4	98.5	100.7	99.8	100.9
2014	625	100.2	100.8	99.6	98.8	100.6	100.7	101.1
2015	495	99.9	100.2	99.4	98.7	100.3	101.0	101.3
2016	299	100.2	100.5	99.5	99.0	100.2	101.0	101.4
2017	44	100.1	100.8	99.4	98.9	100.4	101.5	101.4

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
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1980	13114	97.1	99.0	97.1	99.0	98.4	99.7
1981	12664	97.2	99.2	97.2	99.2	98.7	99.8
1982	14629	96.7	99.4	96.7	99.4	98.1	99.8
1983	18023	96.8	99.0	96.8	99.0	98.0	99.8
1984	20703	97.1	99.1	97.1	99.1	98.4	99.7
1985	21755	97.3	99.1	97.3	99.1	98.4	99.2
1986	18999	97.5	99.1	97.5	99.1	98.7	99.3
1987	17649	97.4	99.4	97.4	99.4	98.6	99.1
1988	21823	97.3	99.5	97.3	99.5	98.6	99.3
1989	17410	97.3	99.3	97.3	99.3	98.6	99.4
1990	15501	97.0	99.5	97.0	99.5	98.3	99.5
1991	18043	97.1	99.5	97.1	99.5	98.6	99.5
1992	18850	97.2	99.4	97.2	99.4	98.5	99.4
1993	22966	97.5	99.3	97.5	99.3	99.7	99.3
1994	17668	97.7	99.1	97.7	99.1	99.8	99.1
1995	15353	97.7	99.2	97.7	99.2	99.8	99.1
1996	11637	98.0	99.1	98.0	99.1	99.5	99.2
1997	9103	98.0	99.2	98.0	99.2	99.4	99.3
1998	7936	98.0	99.3	98.0	99.3	99.4	99.3
1999	7452	98.2	99.3	98.2	99.3	100.0	99.2
2000	6672	98.7	99.3	98.7	99.3	100.8	99.4
2001	5840	98.9	99.2	98.9	99.2	100.8	99.1
2002	5204	98.5	99.3	98.5	99.3	100.7	99.1
2003	5191	98.6	99.2	98.6	99.2	100.3	99.0
2004	4976	98.7	99.4	98.7	99.4	100.4	99.3
2005	4563	98.6	99.3	98.6	99.3	100.2	99.3
2006	4550	98.9	99.5	98.9	99.5	100.7	99.6
2007	4431	98.9	99.7	98.9	99.7	101.1	99.4
2008	4467	99.0	100.0	99.0	100.0	100.9	100.0
2009	4431	99.0	100.1	99.0	100.1	100.8	99.9
2010	4255	98.9	100.1	98.9	100.1	100.4	99.8
2011	4131	98.8	100.0	98.8	100.0	100.4	99.8
2012	4001	98.6	99.9	98.6	99.9	100.3	99.7
2013	4148	99.2	100.1	99.2	100.1	101.0	99.6
2014	3781	98.8	100.4	98.8	100.4	100.8	99.8
2015	3570	98.7	100.4	98.7	100.4	101.0	99.9
2016	3237	98.9	100.3	98.9	100.3	101.0	99.8
2017	2756	99.1	100.3	99.1	100.3	101.2	100.0
2018	2521	98.8	100.3	98.8	100.4	101.0	99.9
2019	1827	98.6	99.8	98.6	99.9	100.9	99.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	19101	96.0	102.1	104.5	82.7	80.8	82.1
1981	18837	96.1	102.1	104.4	83.0	80.8	82.0
1982	20094	95.7	102.5	104.9	85.8	84.0	85.7
1983	34492	95.6	102.8	105.0	89.3	87.7	89.2
1984	32911	96.5	102.3	104.1	92.2	90.2	91.2
1985	27862	96.9	101.7	103.6	93.9	92.8	93.5
1986	22554	96.4	101.9	104.0	93.6	92.4	93.4
1987	19122	97.6	101.2	102.8	95.7	94.8	96.0
1988	19750	97.8	101.3	102.7	97.5	95.9	96.7
1989	12293	97.1	101.0	103.4	97.3	94.9	95.8
1990	9530	97.3	101.9	103.2	95.9	95.1	96.4
1991	10182	97.1	102.1	103.4	97.1	97.1	98.2
1992	9984	97.3	102.5	103.2	96.3	97.5	98.4
1993	8661	98.1	101.3	102.4	96.4	97.8	99.1

1994	5575	98.0	101.6	102.6	97.0	97.8	99.3
1995	5067	98.4	101.5	102.2	97.0	97.7	98.3
1996	3875	98.8	101.9	101.9	97.6	97.7	98.1
1997	2763	98.2	101.6	102.4	98.4	97.9	98.1
1998	2286	98.7	101.5	101.9	97.9	98.4	98.9
1999	2319	99.1	101.0	101.4	97.8	97.9	99.1
2000	2247	98.6	100.7	102.0	98.6	98.1	99.7
2001	2150	98.7	100.6	101.9	98.6	98.0	99.1
2002	1843	98.3	100.4	102.2	98.3	97.4	98.1
2003	1997	98.1	100.9	102.4	98.5	98.6	99.9
2004	2088	97.8	100.6	102.7	99.1	98.7	99.3
2005	2160	97.8	100.3	102.7	99.3	99.6	99.6
2006	2277	97.7	101.0	102.7	99.6	98.7	99.8
2007	2914	98.5	100.3	101.9	98.3	99.1	101.3
2008	3067	97.9	100.6	102.4	99.3	99.1	101.1
2009	3106	97.7	100.8	102.7	99.6	99.8	101.0
2010	2965	97.8	100.9	102.6	99.4	99.9	100.5
2011	2865	97.7	101.0	102.7	99.2	99.8	100.0
2012	2690	97.6	100.9	102.8	99.4	100.2	100.2
2013	2717	98.8	100.1	101.5	98.0	100.4	101.5
2014	2589	98.4	100.7	101.9	99.1	100.3	101.0
2015	2474	98.5	100.3	101.6	98.6	100.4	100.7
2016	2038	98.7	100.4	101.5	98.3	100.4	101.1
2017	1671	98.3	100.4	102.0	98.9	99.9	100.2
2018	1406	98.3	100.2	101.9	98.6	99.3	99.3
2019	1091	98.5	100.2	101.7	99.2	99.6	99.8

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	16912	106.8	108.4	97.2	100.0	110.9	95.8	105.0	99.4	111.1	96.8	103.1
1981	17575	106.5	108.4	97.1	100.2	110.9	96.1	104.7	99.1	110.8	97.0	103.2
1982	18354	106.5	108.4	96.9	100.6	110.6	96.2	104.8	99.1	110.5	97.4	102.8
1983	21216	106.3	108.1	96.7	100.4	110.4	96.2	104.6	98.9	110.5	97.4	103.8
1984	23205	106.0	107.3	96.8	100.1	110.0	96.2	104.4	99.1	109.9	97.4	102.8
1985	23018	106.0	106.9	96.4	100.4	109.5	96.1	104.4	99.2	109.4	96.9	103.5
1986	20228	105.8	106.7	96.5	100.5	109.3	96.3	104.4	99.0	109.1	97.0	103.1
1987	18246	105.7	106.4	96.5	100.7	109.0	96.1	104.3	99.1	108.9	96.7	103.1
1988	21740	105.4	106.5	96.8	100.7	108.7	96.4	103.9	99.3	108.8	97.3	102.5
1989	16905	105.8	107.0	96.8	100.8	109.2	96.5	104.2	99.5	109.1	97.6	102.8
1990	14988	105.3	106.5	97.2	100.5	108.4	96.7	103.8	99.4	108.5	97.6	102.3
1991	15950	104.7	105.3	97.2	100.1	107.0	96.7	103.4	99.8	107.2	97.4	102.1
1992	18518	104.3	104.5	97.8	99.7	106.2	96.9	103.0	99.9	106.5	97.7	101.5
1993	19312	104.3	104.4	98.6	99.4	106.5	97.1	102.9	100.3	106.5	98.4	101.0
1994	13668	103.5	104.1	98.4	99.7	105.4	97.5	102.5	99.7	105.7	98.4	100.8
1995	10095	103.1	103.9	98.7	99.7	104.8	97.8	102.1	99.5	105.3	98.7	100.4
1996	8628	102.5	103.6	97.9	100.3	103.7	97.8	101.6	99.6	104.9	98.3	100.9
1997	7434	102.0	102.9	98.2	100.1	103.1	98.0	101.2	99.6	104.3	98.3	100.5
1998	5754	102.1	102.5	98.4	99.9	102.9	98.1	101.2	100.1	103.8	98.6	100.3
1999	6060	102.4	102.7	98.8	100.2	103.3	98.4	101.4	100.1	104.0	99.3	100.1
2000	4857	102.4	102.6	99.1	100.2	103.0	98.4	101.5	100.4	103.6	99.7	99.6
2001	4513	101.7	101.9	99.3	99.8	102.1	98.8	101.0	100.1	103.1	99.8	99.4
2002	4518	101.8	101.9	99.2	100.1	101.9	98.8	101.1	100.1	103.1	99.5	99.9
2003	4370	101.3	102.1	98.5	100.4	101.3	98.9	100.5	100.2	102.9	98.9	100.2
2004	4203	101.5	101.9	98.8	100.3	101.6	98.9	100.7	100.2	102.9	99.3	100.1
2005	3857	101.5	101.8	98.5	100.7	101.0	98.8	100.9	100.3	102.3	99.2	100.3
2006	3877	101.1	101.0	99.5	99.9	100.7	99.3	100.5	100.6	101.8	100.0	99.2
2007	3500	100.7	101.1	99.3	99.2	101.0	99.4	99.8	100.3	102.3	99.2	99.0
2008	3394	100.9	100.9	99.0	99.8	100.7	99.3	100.3	100.2	102.1	99.1	99.5

2009	3258	100.7	100.9	99.6	100.0	100.1	99.8	100.2	100.2	102.1	99.9	99.4
2010	2937	100.0	100.1	99.3	99.6	99.2	99.8	99.7	99.8	101.3	99.4	99.2
2011	2407	99.6	99.7	99.1	99.4	98.7	100.0	99.4	99.6	100.9	99.2	99.3
2012	1658	99.1	99.8	99.1	99.9	98.2	100.5	99.1	99.2	101.1	99.7	99.3
2013	1518	99.0	99.4	98.8	99.5	98.2	100.3	99.3	98.7	100.5	99.0	99.1
2014	1064	98.7	99.4	98.6	99.6	97.8	100.5	99.0	98.9	100.3	99.1	99.3
2015	803	98.7	99.5	98.6	99.6	98.0	100.5	98.9	99.0	100.4	99.0	99.3
2016	755	98.9	99.4	98.7	99.7	97.9	100.0	99.3	98.9	100.2	98.7	99.2
2017	146	99.3	99.3	98.8	100.0	97.9	100.0	99.6	99.2	100.2	98.7	99.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	13118	97.1	96.5	102.4
1981	12623	97.8	97.0	102.3
1982	14653	97.6	97.0	102.4
1983	18208	97.6	96.9	102.4
1984	21168	96.9	96.2	102.3
1985	22303	96.4	95.8	102.2
1986	19668	96.7	96.0	102.0
1987	18175	96.1	95.5	101.8
1988	22607	96.3	95.6	102.3
1989	18055	96.3	95.8	102.5
1990	16194	95.9	95.6	102.5
1991	17950	95.7	95.5	102.2
1992	18126	96.0	95.8	102.1
1993	24484	95.9	95.8	102.3
1994	22574	96.3	96.1	102.1
1995	17403	96.6	96.5	102.1
1996	13020	97.3	97.3	101.7
1997	10371	97.6	97.6	101.4
1998	9026	97.8	97.7	101.5
1999	8406	98.5	98.1	101.5
2000	7429	98.9	98.5	101.8
2001	6430	99.0	98.5	101.5
2002	5762	99.7	98.9	101.3
2003	5706	99.7	99.0	100.7
2004	5490	99.6	98.7	100.6
2005	4957	99.6	98.7	100.5
2006	4928	99.8	98.7	100.5
2007	4764	100.4	99.2	101.1
2008	4863	100.3	98.9	100.6
2009	4788	99.9	98.7	99.8
2010	4587	100.7	99.6	99.8
2011	4468	100.7	99.6	99.6
2012	4284	101.1	99.8	99.6
2013	4478	101.1	99.8	99.8
2014	4130	101.3	100.0	99.8
2015	3924	101.9	100.4	99.6
2016	3533	101.8	100.4	99.6
2017	3117	102.1	100.8	99.7
2018	2831	102.1	100.9	99.5
2019	1970	102.7	101.3	99.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	3274	-2150.8	-7639.6	-388.5	-299.8
2002	2743	-1704.3	-5920.5	-309.8	-236.9
2003	2717	-1648.3	-5617.0	-306.0	-226.2
2004	2659	-1274.2	-4159.7	-241.3	-173.1
2005	2593	-1331.9	-4408.3	-252.4	-180.7
2006	2763	-778.5	-2204.0	-160.9	-100.0
2007	2877	-661.3	-1802.3	-136.0	-85.6
2008	2893	-807.9	-2453.2	-161.1	-106.3
2009	2688	-606.8	-1580.2	-129.2	-76.5
2010	2533	-213.5	76.6	-61.2	-21.0
2011	2521	-126.8	292.9	-43.0	-9.9
2012	2613	-100.4	334.6	-35.7	-7.3
2013	2726	-8.6	626.6	-25.7	8.9
2014	2353	251.6	1706.6	23.8	43.5
2015	2051	257.6	1740.1	28.0	42.7
2016	1669	486.3	2497.2	68.4	75.2
2017	527	727.7	3423.9	109.3	110.1

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

Jaar	Aantal	Eff	Int	Gewen
1980	94	96.1	104.5	100.2
1981	157	96.0	104.1	100.3
1982	193	96.9	102.9	99.7
1983	465	97.9	101.5	99.3
1984	565	99.9	101.4	100.3
1985	639	100.7	101.4	100.6
1986	528	100.5	101.5	100.7
1987	452	100.4	101.5	100.8
1988	289	100.5	101.3	100.8
1989	79	99.5	101.8	100.3
1990	130	98.1	101.0	99.3
1991	240	98.7	100.3	99.2
1992	322	99.0	100.5	99.4
1993	415	99.9	100.5	100.0
1994	215	98.0	101.1	100.4
1995	178	97.6	101.7	100.6
1996	172	98.9	102.5	99.9
1997	128	99.3	102.5	100.0
1998	147	98.7	102.5	100.2
1999	154	99.4	102.3	100.6
2000	189	99.5	102.0	100.7
2001	186	98.5	103.0	100.6
2002	181	99.2	103.0	100.3
2003	189	99.0	103.3	100.4
2004	239	98.8	102.6	100.6
2005	263	99.5	103.1	100.3
2006	275	99.3	103.4	100.2
2007	331	99.8	103.0	100.7
2008	349	99.5	102.9	100.6
2009	413	99.5	102.9	100.3
2010	392	99.5	103.2	100.7
2011	458	99.6	103.6	100.7
2012	501	99.6	104.7	100.6
2013	527	99.9	105.2	100.8
2014	457	100.2	105.9	101.0

2015	377	100.6	107.0	101.0
2016	322	100.4	107.5	100.5
2017	159	101.1	107.6	100.5

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	15917	98.7	102.0	0	0.0	0	0.0
1981	16451	98.5	101.8	0	0.0	0	0.0
1982	19883	98.4	102.1	1	-1.8	0	0.0
1983	26466	98.2	101.8	1	-3.4	0	0.0
1984	33990	98.6	101.7	0	0.0	0	0.0
1985	39065	98.4	101.5	52654	-3.7	0	0.0
1986	36129	98.2	101.3	43515	-3.6	0	0.0
1987	34319	97.9	101.1	37882	-3.3	0	0.0
1988	44034	97.5	100.4	45121	-3.2	0	0.0
1989	32013	97.2	100.1	32261	-3.1	0	0.0
1990	23405	97.3	100.2	23526	-3.0	0	0.0
1991	19905	97.3	100.1	20099	-2.8	0	0.0
1992	18841	97.7	100.2	19065	-2.7	0	0.0
1993	18751	98.1	100.6	18770	-2.6	0	0.0
1994	12675	98.0	100.3	12688	-2.3	0	0.0
1995	9165	98.7	100.3	9168	-2.2	0	0.0
1996	6305	98.9	100.7	6311	-1.8	0	0.0
1997	4584	98.7	100.1	4587	-1.6	0	0.0
1998	3910	98.6	100.3	3911	-1.6	0	0.0
1999	3624	98.6	99.8	3625	-1.4	0	0.0
2000	3395	99.0	99.9	3396	-1.3	0	0.0
2001	3276	99.2	100.0	3277	-1.1	1259	97.5
2002	2735	99.3	100.2	2744	-0.9	1136	97.6
2003	2719	99.0	99.8	2719	-0.8	1118	98.5
2004	2657	99.3	100.0	2658	-0.7	1115	98.4
2005	2588	98.8	99.4	2589	-0.6	1120	99.1
2006	2760	99.3	99.4	2762	-0.4	1154	98.5
2007	2875	99.2	99.6	2877	-0.5	1101	98.5
2008	2888	99.2	99.1	2890	-0.2	1063	99.4
2009	2685	99.4	98.9	2686	-0.1	1075	99.4
2010	2520	99.6	99.2	2525	-0.1	1088	99.1
2011	2513	99.7	99.2	2518	0.1	1089	99.7
2012	2596	99.8	99.6	2601	0.3	1116	100.2
2013	2712	99.6	99.8	2717	0.3	1129	100.0
2014	2336	100.1	99.6	2349	0.4	924	100.3
2015	2020	100.4	99.5	2058	0.4	800	100.1
2016	1654	100.2	99.3	1711	0.5	765	100.3
2017	597	100.1	99.5	854	0.7	143	100.4
2018	0	0.0	0.0	369	0.7	0	0.0
2019	0	0.0	0.0	267	0.5	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	-2434.8	-69.7	-79.7	-110.5	54.8	9.1	0.8	-506.0
1987	44	-2182.6	-70.9	-74.6	-99.0	34.5	2.8	0.7	-484.4
1988	24	-2366.7	-70.2	-79.9	-107.4	49.1	4.7	0.9	-507.3

1991	37	-2247.6	-74.6	-74.6	-102.1	32.9	6.2	0.6	-493.2
1992	61	-2158.9	-75.6	-73.0	-98.0	26.0	4.3	0.7	-487.4
1993	88	-2119.9	-73.5	-70.1	-96.2	27.2	6.9	0.7	-470.7
1994	32	-1893.0	-53.8	-61.6	-85.9	39.3	6.7	0.6	-391.5
1995	36	-1928.6	-53.3	-58.9	-87.4	43.3	12.9	0.7	-379.8
1996	40	-1779.7	-52.4	-56.9	-80.8	35.4	8.4	0.5	-367.3
1997	25	-1517.8	-47.7	-47.1	-68.8	24.6	8.7	0.6	-313.9
1998	20	-1672.6	-46.5	-50.0	-75.8	36.3	12.3	0.5	-325.4

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	87.3	98.0	89.7	89.5	105.6	100.1	95.1
1982	28	87.1	97.5	89.2	89.3	104.2	99.1	96.2
1983	37	87.7	98.2	89.8	89.8	105.2	99.3	95.7
1984	40	87.7	98.2	90.5	90.0	104.7	98.7	96.2
1985	49	86.6	97.5	89.9	89.3	105.4	98.3	94.9
1986	22	86.4	98.7	91.0	89.5	105.6	97.0	95.0
1987	22	87.5	97.2	90.5	90.7	103.9	99.1	96.0
1991	21	88.0	98.5	91.5	90.6	105.3	99.3	95.6
1992	34	88.3	98.1	90.6	90.1	104.9	99.5	96.8
1993	43	88.3	98.7	90.9	90.2	104.9	99.2	96.7
1994	13	89.2	100.4	93.2	92.0	105.5	99.1	97.8
1995	16	89.9	99.9	94.2	92.9	104.4	99.8	97.2
1996	16	89.5	101.2	94.5	92.8	105.9	100.3	96.9

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

Jaar	Aantal	BA	BZ	KH	BG
1981	18	92.3	99.0	94.2	90.3
1982	28	91.5	99.5	93.3	89.1
1983	37	92.6	99.9	94.9	89.8
1984	40	91.5	100.9	93.0	89.2
1985	49	93.5	98.4	95.0	90.8
1986	22	93.0	98.6	94.8	90.6
1987	22	93.7	100.5	94.2	91.0
1991	21	93.8	100.6	93.7	92.0
1992	34	94.6	100.1	94.5	92.4
1993	43	95.6	100.3	94.9	93.2
1994	13	94.7	100.5	94.2	92.8
1995	16	93.3	101.1	93.7	92.3
1996	16	94.6	100.9	93.4	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	92.7	90.2	100.2	94.1	86.7	90.8	89.2
1982	28	90.4	88.4	100.8	92.3	86.1	89.0	87.8

1983	37	90.9	89.5	100.3	92.8	85.8	89.4	88.5
1984	40	91.8	89.9	99.7	93.0	87.3	89.8	89.2
1985	49	92.3	89.9	100.2	93.3	87.7	91.0	89.9
1986	22	92.5	90.1	100.7	92.9	88.5	91.9	90.9
1987	22	92.2	89.8	101.4	92.5	88.9	91.0	89.8
1991	21	92.1	90.9	100.3	92.5	88.5	91.6	90.4
1992	34	92.6	91.0	100.6	93.2	88.0	90.2	90.1
1993	43	94.0	92.3	98.8	94.4	90.4	91.7	91.3
1994	13	93.6	93.2	100.7	92.3	89.5	90.7	90.7
1995	16	93.7	93.9	98.6	93.0	87.9	91.9	92.3
1996	16	93.3	93.6	99.8	92.8	88.5	93.5	93.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	18	93.3	94.2	88.9	89.1	0.0	85.5
1982	28	93.2	93.2	86.4	87.9	0.0	83.3
1983	37	93.4	94.2	86.8	89.0	0.0	84.4
1984	40	93.5	94.2	88.0	87.9	0.0	84.5
1985	49	92.2	93.6	88.8	89.4	0.0	85.0
1986	22	92.3	94.4	89.2	89.3	0.0	85.5
1987	22	93.2	94.0	88.9	90.2	0.0	86.0
1991	21	94.0	95.0	89.0	91.0	0.0	86.8
1992	34	94.2	94.6	88.9	91.4	0.0	87.0
1993	43	94.5	94.8	91.1	92.4	0.0	88.9
1994	13	96.2	97.2	89.6	91.8	0.0	88.7
1995	16	96.2	97.0	89.4	91.1	0.0	88.1
1996	16	97.1	98.3	89.9	91.9	0.0	89.4

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	11	103.7	105.1	104.2	104.9	102.7	100.6	88.6	104.6
1981	30	103.1	105.5	103.9	105.4	102.2	100.5	89.9	104.9
1982	81	103.5	105.3	104.2	105.6	102.5	100.2	90.3	105.1
1983	79	102.8	104.5	103.3	104.5	101.8	100.4	90.2	104.2
1984	122	102.6	104.7	103.2	104.6	101.5	100.3	90.6	104.2
1985	175	103.4	104.5	103.7	104.8	102.3	100.5	88.8	104.5
1986	100	103.5	104.3	103.5	104.8	102.2	100.3	88.9	104.4
1987	79	103.6	103.6	103.1	104.0	101.9	101.1	89.8	103.8
1988	56	104.5	103.7	103.8	104.5	102.6	100.9	89.5	104.4
1990	11	103.5	104.3	103.6	104.4	102.5	101.3	90.0	104.3
1991	41	104.4	102.7	103.3	103.7	102.6	101.2	90.4	103.7
1992	76	104.2	102.9	103.3	103.8	102.7	101.1	90.9	103.7
1993	106	103.5	103.0	103.1	103.7	102.2	100.4	91.5	103.6
1994	35	103.4	102.7	102.7	103.3	101.9	100.6	91.3	103.3
1995	44	104.0	102.0	102.9	103.2	102.2	100.8	91.3	103.2
1996	46	102.8	102.5	102.6	103.0	101.7	100.4	92.7	103.1
1997	29	103.6	100.8	102.3	101.7	101.7	100.2	92.7	102.2
1998	25	103.0	101.0	101.7	101.5	101.1	100.3	93.3	101.7

Tabel: 124 MRIJ - Holstein Friesian roodbont: Gebruikskkenmerken

Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1987	21	98.1	96.3	98.3	101.4	103.7
1991	17	99.6	99.4	98.5	100.5	102.6
1992	32	100.0	98.6	97.8	100.3	102.5
1993	41	99.6	96.7	98.8	101.3	103.6
1994	12	100.7	99.9	98.5	100.9	103.2
1995	15	100.4	99.3	98.8	100.6	103.1
1996	13	99.1	98.8	98.0	99.8	103.0

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1986	12	-230.3	-506.0	-388.8	103.4	104.4	89.2	89.3	100.0
1987	44	-223.5	-484.4	-454.8	103.1	103.8	88.9	90.2	99.7
1988	24	-239.6	-507.3	-518.1	103.0	104.4	87.6	88.7	100.0
1991	37	-251.1	-493.2	-541.6	101.9	103.7	89.0	91.0	97.9
1992	61	-241.2	-487.4	-467.7	101.8	103.7	88.9	91.4	99.4
1993	88	-225.3	-470.7	-470.3	102.9	103.6	91.1	92.4	99.2
1994	32	-210.5	-391.5	-451.1	102.5	103.3	89.6	91.8	99.1
1995	36	-199.1	-379.8	-425.9	102.2	103.2	89.4	91.1	99.3
1996	40	-190.1	-367.3	-380.1	101.9	103.1	89.9	91.9	99.5
1997	25	-166.4	-313.9	-336.0	101.6	102.2	91.4	94.2	100.2
1998	20	-188.6	-325.4	-463.9	101.3	101.7	87.8	93.6	99.4

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1987	29	98.6	100.6	98.6	100.6	97.4	101.0
1988	11	98.8	100.0	98.8	100.0	98.1	101.7
1991	36	97.2	99.7	97.2	99.7	96.1	99.2
1992	65	98.1	100.7	98.1	100.7	97.4	100.6
1993	87	98.0	100.7	98.0	100.7	97.6	100.0
1994	37	97.7	100.8	97.7	100.8	97.7	100.1
1995	46	98.6	100.2	98.6	100.2	98.7	99.5
1996	58	98.7	100.6	98.7	100.6	98.2	100.6
1997	39	99.8	100.6	99.8	100.6	99.7	100.1
1998	40	99.4	100.2	99.4	100.2	99.4	99.1
1999	14	99.8	100.4	99.8	100.4	99.4	99.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1986	10	98.0	103.7	101.4	98.2	99.0	99.3
1987	30	100.4	101.9	99.2	99.1	99.4	98.3
1991	19	96.9	104.2	102.5	95.0	101.8	100.9

1992	25	99.0	102.0	100.8	98.8	99.9	97.7
1993	30	97.5	103.3	102.4	97.8	100.9	99.1
1994	10	96.6	102.9	103.2	78.0	80.7	81.6
1995	13	97.7	102.5	102.2	97.3	99.7	100.8
1996	21	99.3	102.4	100.7	99.8	100.6	98.5
1997	10	99.2	101.8	100.6	87.6	89.2	89.2
1998	11	98.5	102.8	101.8	89.1	91.4	90.0

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1987	31	104.9	112.2	94.2	100.9	110.5	95.6	103.7	97.9	110.2	96.9	102.6
1991	32	107.1	114.1	93.0	102.3	112.5	94.8	106.3	97.4	112.2	96.4	104.9
1992	58	106.0	113.2	93.2	102.4	110.8	95.8	105.1	97.8	110.9	96.5	104.4
1993	81	105.8	112.4	93.8	102.2	110.2	95.8	105.0	97.9	110.0	97.0	104.3
1994	30	106.7	113.9	94.1	103.2	110.7	96.4	105.5	98.6	111.0	97.1	106.4
1995	34	105.8	113.6	94.4	103.2	109.7	96.7	104.2	99.3	110.4	97.1	106.1
1996	54	105.0	112.0	94.2	102.6	108.9	96.6	104.1	98.4	109.6	96.4	105.0
1997	35	104.7	110.9	95.5	101.3	109.0	96.9	103.2	98.9	109.9	97.5	104.0
1998	30	104.0	110.3	95.4	101.0	108.7	96.4	103.1	97.7	108.9	96.0	103.7
1999	11	104.6	111.5	95.0	102.7	108.7	96.6	103.5	98.9	108.9	96.9	104.5

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	32	98.3	100.2	98.9
1988	11	98.3	100.0	98.9
1991	36	97.1	99.1	99.0
1992	65	97.2	99.6	99.3
1993	97	97.4	99.7	99.0
1994	45	97.4	99.7	98.8
1995	57	98.3	100.4	99.2
1996	69	97.9	100.3	98.6
1997	48	98.6	100.6	99.0
1998	54	98.6	100.3	99.1
1999	16	97.9	99.7	98.6

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1985	5	96.4	101.2	50	-5.9	0	0.0
1986	12	96.7	101.2	30	-5.5	0	0.0
1987	44	95.5	99.8	44	-4.6	0	0.0
1988	24	96.3	100.2	25	-4.8	0	0.0
1991	37	94.2	98.2	37	-4.4	0	0.0
1992	61	94.2	99.2	63	-4.4	0	0.0
1993	88	95.0	99.3	89	-4.2	0	0.0
1994	32	96.0	99.9	32	-3.2	0	0.0
1995	36	96.2	99.7	36	-3.3	0	0.0

1996	40	95.2	99.7	40	-3.0	0	0.0
1997	25	96.2	98.6	25	-2.9	0	0.0
1998	20	96.5	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	-1777.6	-70.7	-73.2	-81.1	14.4	-14.4	-0.4	-472.9
1981	63	-1892.7	-75.1	-76.4	-86.3	16.4	-12.9	-0.3	-497.1
1982	213	-1774.9	-73.0	-72.6	-81.0	11.0	-13.4	-0.3	-475.1
1983	381	-1754.2	-71.5	-72.2	-80.1	11.7	-13.9	-0.4	-470.4
1984	795	-1721.1	-68.9	-70.5	-78.6	13.6	-12.9	-0.4	-457.2
1985	1958	-1833.8	-67.5	-72.3	-83.7	24.4	-9.5	-0.4	-463.5
1986	3433	-1836.8	-69.8	-72.1	-83.8	21.1	-9.0	-0.3	-467.6
1987	5235	-1879.7	-72.6	-72.8	-85.8	19.9	-7.5	-0.4	-476.8
1988	8885	-1893.3	-71.0	-72.2	-86.4	23.8	-5.5	-0.4	-470.9
1989	10835	-1836.7	-69.1	-70.0	-83.8	22.7	-5.1	-0.4	-457.2
1990	15633	-1811.0	-69.3	-69.1	-82.7	20.3	-5.2	-0.4	-453.6
1991	22467	-1739.7	-64.7	-64.1	-79.4	22.1	-1.6	-0.4	-422.3
1992	25335	-1680.7	-64.7	-62.6	-76.7	17.6	-2.7	-0.3	-415.8
1993	24830	-1620.5	-64.8	-60.3	-74.0	13.2	-2.5	-0.3	-405.8
1994	32033	-1471.0	-52.1	-53.2	-67.1	21.8	0.1	-0.3	-347.8
1995	35779	-1418.8	-48.5	-51.2	-64.8	23.4	0.3	-0.3	-331.4
1996	33708	-1315.9	-44.7	-47.8	-60.1	22.1	-0.0	-0.3	-307.8
1997	32868	-1218.0	-41.8	-44.2	-55.6	19.7	0.0	-0.3	-285.6
1998	31003	-1170.0	-39.1	-41.9	-53.4	20.3	1.0	-0.3	-269.9
1999	27021	-1091.5	-35.1	-39.3	-49.8	20.6	0.5	-0.3	-250.0
2000	20339	-967.2	-33.0	-36.5	-44.1	15.7	-1.8	-0.1	-232.4
2001	17489	-815.6	-31.3	-31.1	-36.6	8.6	-1.7	0.8	-204.1
2002	12290	-721.8	-28.1	-28.7	-32.2	7.1	-3.0	0.9	-186.2
2003	12058	-626.3	-20.0	-23.4	-29.0	11.8	-0.6	-0.5	-146.9
2004	11097	-516.1	-12.9	-18.7	-24.1	14.5	0.5	-0.7	-111.0
2005	8733	-449.2	-10.6	-15.6	-20.9	13.6	1.4	-0.6	-92.6
2006	8117	-381.4	-9.6	-13.1	-17.7	11.0	1.5	-0.4	-79.3
2007	6997	-329.4	-6.2	-10.5	-15.4	12.1	2.4	-0.4	-60.6
2008	6441	-264.5	-5.8	-8.2	-12.4	8.8	2.3	-0.4	-49.5
2009	5373	-263.2	-7.7	-8.3	-11.7	6.3	2.1	0.4	-53.8
2010	4586	-180.0	-5.6	-5.2	-8.3	4.2	2.2	-0.1	-35.4
2011	4226	-120.6	-3.2	-3.0	-5.3	3.8	2.3	0.3	-20.7
2012	4107	-68.6	-1.9	-1.3	-2.9	2.6	2.1	0.3	-10.1
2013	3817	-41.8	-0.7	0.4	-1.8	2.4	3.0	0.1	-0.2
2014	3292	22.4	-0.0	2.8	1.1	-0.3	3.0	0.1	11.6
2015	2591	30.9	1.1	4.3	2.3	0.8	4.6	1.0	20.8
2016	2280	79.6	4.0	5.7	5.3	1.5	4.1	2.1	33.5
2017	1068	79.0	3.7	5.7	7.0	1.1	3.9	4.2	33.2

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	36	90.6	97.1	90.6	91.4	101.7	97.2	96.6
1981	67	89.4	96.4	90.1	91.1	101.5	97.5	96.4
1982	249	89.3	97.4	90.8	91.4	101.5	97.6	97.1
1983	413	89.5	97.8	90.9	91.6	102.0	97.8	96.9

1984	778	88.9	97.5	90.8	91.4	101.7	97.7	96.4
1985	1564	88.5	97.2	90.4	91.1	102.2	97.5	95.2
1986	2446	88.5	97.3	90.7	91.2	102.1	97.0	95.3
1987	3496	88.6	98.2	90.9	91.1	102.7	97.6	96.3
1988	5032	88.5	98.1	90.8	90.9	102.8	97.6	96.2
1989	5540	88.8	98.3	91.0	91.2	102.7	97.7	96.3
1990	8393	89.1	98.6	91.0	91.2	102.9	98.0	96.9
1991	13152	89.8	98.4	91.3	91.5	102.6	98.0	97.3
1992	15371	89.9	98.6	91.3	91.6	102.7	98.0	97.6
1993	13881	90.3	99.2	91.5	91.7	102.9	98.2	98.1
1994	18153	90.5	101.1	93.7	92.8	103.7	98.5	99.0
1995	20264	90.9	101.2	94.7	93.9	103.2	99.3	98.7
1996	18899	91.5	101.0	95.4	94.4	102.8	99.1	99.5
1997	18888	91.9	100.9	95.7	94.9	102.5	99.4	98.9
1998	17346	92.6	101.0	96.1	95.2	102.4	99.1	98.7
1999	15075	92.6	101.0	96.2	95.4	102.1	99.0	98.7
2000	10959	93.7	100.7	96.0	95.4	102.0	99.1	98.7
2001	9171	94.0	100.7	96.0	95.5	101.9	99.4	98.3
2002	6341	94.7	101.4	96.9	96.6	102.0	99.1	98.8
2003	6282	95.4	102.0	97.8	97.5	101.8	99.9	98.3
2004	5870	95.5	102.7	98.6	98.1	101.9	100.2	98.3
2005	4515	95.6	102.2	98.3	97.8	101.4	100.2	98.5
2006	4000	95.8	102.3	98.3	97.8	101.3	100.4	98.4
2007	3310	96.1	102.3	98.5	98.2	101.2	100.5	98.1
2008	2974	96.4	102.0	98.5	98.3	100.9	100.6	98.2
2009	2415	97.4	101.9	98.6	98.3	101.0	100.7	98.5
2010	2088	97.7	101.5	98.4	98.2	100.6	100.6	99.2
2011	1884	97.9	101.4	98.6	98.4	100.4	100.4	98.9
2012	1691	97.8	101.4	98.5	98.2	100.7	100.5	99.1
2013	1512	98.0	101.3	98.5	98.4	100.3	100.3	99.5
2014	1186	98.3	101.5	98.7	98.6	100.5	100.2	99.8
2015	890	98.5	101.6	98.6	98.2	100.6	100.5	99.9
2016	809	98.6	102.1	98.8	98.5	101.1	101.1	100.0
2017	264	99.2	103.0	98.7	98.8	102.0	101.9	99.8

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

Jaar	Aantal	BA	BZ	KH	BG
1980	36	92.9	100.0	94.8	90.2
1981	67	92.1	99.1	94.7	89.6
1982	249	92.2	100.2	94.4	89.5
1983	413	92.4	100.5	94.3	89.7
1984	778	92.0	100.9	93.8	89.6
1985	1564	93.0	99.5	94.9	90.5
1986	2446	92.7	100.5	94.3	90.2
1987	3496	93.8	100.4	94.3	91.6
1988	5032	94.3	100.1	94.5	92.0
1989	5540	94.2	100.5	94.7	91.9
1990	8393	94.3	100.4	94.6	91.9
1991	13152	94.4	101.2	94.7	92.0
1992	15371	94.5	101.1	94.7	92.2
1993	13881	94.7	101.3	94.8	92.5
1994	18153	93.3	101.4	93.7	91.8
1995	20264	93.1	101.8	93.7	91.9
1996	18899	94.2	102.2	93.8	92.8
1997	18888	95.0	102.5	93.9	93.4
1998	17346	95.4	103.2	93.9	93.7
1999	15075	95.9	102.7	94.1	94.3
2000	10959	96.8	102.4	95.1	95.1

2001	9171	96.6	102.0	96.0	95.1
2002	6341	96.9	101.5	97.0	95.3
2003	6282	97.5	101.0	97.2	96.5
2004	5870	98.0	101.0	97.1	97.4
2005	4515	98.1	101.1	96.6	97.7
2006	4000	98.7	100.6	97.0	98.4
2007	3310	98.9	100.2	97.5	98.8
2008	2974	98.6	100.2	97.4	98.5
2009	2415	99.0	99.9	98.2	98.9
2010	2088	99.7	99.8	98.7	99.5
2011	1884	100.6	99.8	99.2	100.6
2012	1691	100.7	100.0	99.0	100.9
2013	1512	100.9	100.0	99.2	100.8
2014	1186	101.0	99.8	99.4	101.1
2015	890	101.2	99.6	99.6	101.3
2016	809	101.3	99.5	100.0	101.7
2017	264	101.6	99.3	100.6	102.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	36	94.0	90.1	100.9	95.9	89.6	91.2	90.3
1981	67	94.1	89.6	100.1	96.0	90.2	92.3	91.2
1982	249	92.9	89.5	100.7	94.8	89.1	91.3	90.5
1983	413	92.9	89.3	101.3	94.5	89.2	91.6	90.6
1984	778	92.9	89.6	101.5	94.3	89.9	92.6	91.6
1985	1564	93.8	90.2	101.4	94.8	90.3	93.5	92.2
1986	2446	94.1	90.3	101.4	94.6	90.3	92.9	92.0
1987	3496	93.6	90.7	101.9	94.1	89.9	92.5	91.9
1988	5032	93.5	90.8	102.5	94.0	90.0	92.2	91.7
1989	5540	93.5	91.0	102.3	93.9	90.1	92.0	91.6
1990	8393	93.3	90.9	102.7	94.0	90.0	92.4	91.8
1991	13152	94.1	90.9	102.0	94.6	90.3	91.8	91.7
1992	15371	94.1	91.2	101.8	94.7	90.3	91.9	92.0
1993	13881	94.1	91.7	101.3	94.7	90.1	92.0	92.0
1994	18153	94.0	92.8	101.3	93.5	89.3	93.1	93.3
1995	20264	94.6	93.1	100.8	93.3	89.6	93.3	93.4
1996	18899	94.4	93.4	100.9	93.2	89.9	93.6	93.8
1997	18888	94.5	93.6	100.9	93.5	90.7	93.9	93.6
1998	17346	94.2	93.7	101.0	93.4	91.1	94.3	94.1
1999	15075	94.8	94.6	100.8	93.9	92.4	95.2	95.1
2000	10959	95.8	95.3	101.2	95.2	93.3	96.0	96.1
2001	9171	96.2	94.9	100.9	95.4	93.7	95.3	95.3
2002	6341	96.4	95.1	100.6	95.5	93.6	95.8	95.6
2003	6282	97.0	96.0	100.2	96.0	94.3	96.0	95.9
2004	5870	97.1	96.7	100.3	95.6	94.6	96.5	96.6
2005	4515	97.2	96.8	100.8	95.9	95.2	96.7	96.9
2006	4000	97.6	97.2	100.7	96.2	95.5	96.7	97.0
2007	3310	97.8	97.6	100.4	96.6	96.0	97.1	97.4
2008	2974	97.9	97.8	100.2	96.8	96.4	97.4	97.8
2009	2415	98.4	97.9	100.1	97.9	96.6	97.7	98.1
2010	2088	98.7	98.2	100.3	98.4	97.2	98.1	98.6
2011	1884	99.0	98.6	100.2	98.6	97.6	98.7	99.3
2012	1691	99.4	98.6	100.7	98.8	98.1	98.8	99.5
2013	1512	99.7	98.7	100.7	99.0	98.1	99.0	99.7
2014	1186	100.2	98.8	101.4	99.8	98.6	99.2	99.8
2015	890	100.4	99.2	101.0	100.1	98.8	99.5	100.2
2016	809	100.8	99.2	101.1	100.5	98.9	99.3	100.0
2017	264	101.0	99.3	101.1	100.9	98.4	99.4	100.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	36	92.6	93.4	91.1	89.5	0.0	86.5
1981	67	92.2	92.6	91.6	88.5	0.0	86.1
1982	249	93.2	93.3	89.9	88.7	0.0	85.6
1983	413	93.4	93.9	89.9	88.9	0.0	85.8
1984	778	92.9	93.3	90.4	88.5	0.0	85.7
1985	1564	92.0	92.9	91.2	89.2	0.0	86.2
1986	2446	91.9	93.2	91.1	89.0	0.0	86.0
1987	3496	93.1	93.8	90.6	90.5	0.0	87.0
1988	5032	93.0	93.7	90.5	91.0	0.0	87.1
1989	5540	93.2	93.9	90.5	90.9	0.0	87.2
1990	8393	93.8	94.1	90.4	91.0	0.0	87.4
1991	13152	94.0	94.4	91.0	91.1	0.0	87.9
1992	15371	94.3	94.6	91.1	91.3	0.0	88.1
1993	13881	94.8	95.0	91.1	91.6	0.0	88.6
1994	18153	96.8	97.0	90.4	90.7	0.0	88.6
1995	20264	97.4	97.6	90.8	90.7	0.0	89.1
1996	18899	97.9	98.1	90.8	91.7	0.0	89.8
1997	18888	97.8	98.1	91.4	92.3	0.0	90.4
1998	17346	97.8	98.3	91.4	92.7	0.0	90.6
1999	15075	97.8	98.3	92.3	93.3	0.0	91.5
2000	10959	97.6	98.2	93.6	94.4	0.0	92.7
2001	9171	97.6	98.1	93.9	94.4	0.0	92.8
2002	6341	98.1	99.0	94.1	94.8	0.0	93.4
2003	6282	98.8	99.4	94.9	95.9	0.0	94.7
2004	5870	99.4	99.9	94.9	96.6	0.0	95.3
2005	4515	99.3	99.4	95.2	96.9	0.0	95.5
2006	4000	99.3	99.3	95.6	97.6	0.0	96.1
2007	3310	99.3	99.6	96.1	97.9	0.1	96.6
2008	2974	99.3	99.4	96.3	97.7	0.1	96.5
2009	2415	99.5	99.5	97.0	98.2	0.1	97.2
2010	2088	99.6	99.4	97.5	98.9	0.1	97.9
2011	1884	99.5	99.5	97.8	100.0	0.9	98.6
2012	1691	99.6	99.6	98.2	100.3	2.4	99.0
2013	1512	99.7	99.5	98.4	100.3	1.0	99.1
2014	1186	99.8	99.9	99.1	100.5	0.3	99.8
2015	890	100.1	99.7	99.4	100.8	0.4	100.1
2016	809	100.6	100.2	99.7	101.2	2.2	100.7
2017	264	101.0	100.7	99.8	101.6	1.5	101.2

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	49	101.1	104.3	102.4	103.3	101.1	100.0	91.7	103.1
1981	99	101.4	104.6	102.7	103.8	101.5	99.6	90.3	103.5
1982	376	101.1	104.5	102.5	103.6	101.0	99.3	90.5	103.3
1983	681	100.9	104.5	102.3	103.4	100.8	99.3	90.6	103.1
1984	1283	101.1	104.3	102.4	103.4	101.0	99.5	90.2	103.1
1985	2822	101.7	104.3	102.9	103.9	101.6	99.7	88.7	103.6
1986	4720	101.6	104.0	102.6	103.6	101.4	99.8	89.1	103.3
1987	6924	102.4	104.1	103.1	104.0	102.1	100.0	89.1	103.8

1988	10280	102.7	103.9	103.1	103.9	102.2	100.0	88.9	103.7
1989	12248	102.3	103.7	102.8	103.5	101.8	99.9	88.9	103.3
1990	17533	102.4	103.7	102.9	103.6	101.9	100.2	88.8	103.4
1991	25977	102.6	103.0	102.7	103.1	101.9	100.1	90.3	103.1
1992	29539	102.5	102.9	102.6	103.0	101.8	100.0	90.3	103.0
1993	28389	102.6	103.1	102.8	103.3	102.1	100.0	90.6	103.3
1994	37540	101.9	102.8	102.2	102.7	101.4	100.0	91.2	102.7
1995	41551	101.4	102.6	101.7	102.3	100.9	99.5	91.4	102.2
1996	39462	101.1	102.1	101.3	101.6	100.5	99.3	91.8	101.6
1997	38538	100.7	101.8	101.0	101.1	100.2	99.6	92.3	101.1
1998	36830	100.8	101.9	101.1	101.3	100.4	99.8	92.8	101.3
1999	31500	100.4	101.6	100.6	100.8	100.0	99.5	93.0	100.8
2000	22979	100.7	101.1	100.6	100.6	100.1	99.6	93.4	100.7
2001	19740	100.4	101.4	100.8	100.9	100.3	99.4	93.7	101.0
2002	14269	99.9	101.6	100.7	100.8	99.9	99.2	94.8	100.8
2003	14107	98.9	101.6	100.0	100.2	99.2	99.1	96.2	100.1
2004	12916	98.6	101.6	99.8	100.0	98.9	98.9	96.6	99.9
2005	9937	98.7	101.7	100.0	100.3	99.3	99.1	96.2	100.2
2006	9159	98.7	101.5	99.9	100.1	99.3	99.2	96.7	100.0
2007	8204	98.3	101.8	99.9	100.1	99.1	99.1	97.5	100.0
2008	7742	98.8	101.5	100.1	100.2	99.6	99.4	97.6	100.1
2009	6432	98.9	101.8	100.4	100.5	99.8	99.3	98.1	100.5
2010	5424	99.5	101.4	100.6	100.5	100.3	99.5	98.0	100.6
2011	5039	99.2	101.5	100.4	100.5	100.2	99.4	98.6	100.5
2012	4923	99.0	101.5	100.5	100.6	100.3	99.6	98.2	100.6
2013	4585	99.2	101.6	100.6	100.7	100.5	99.7	98.4	100.7
2014	3969	99.5	102.0	101.3	101.6	101.2	99.7	98.4	101.6
2015	3276	99.5	102.4	101.6	101.9	101.4	99.7	98.3	101.9
2016	2903	99.0	102.6	101.1	101.9	101.0	99.4	98.9	101.6
2017	1707	99.0	102.9	101.5	102.2	101.3	99.4	98.9	102.0

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	28	100.8	100.2	99.4	101.0	102.7
1981	39	100.2	97.3	99.3	101.4	103.0
1982	136	101.0	97.8	98.9	100.7	102.0
1983	224	100.8	98.3	99.1	100.7	102.3
1984	390	100.2	97.4	98.9	100.8	102.3
1985	805	100.0	97.5	98.9	100.6	102.4
1986	1318	99.9	98.2	98.6	100.3	102.0
1987	1962	99.9	98.5	98.5	100.0	101.9
1988	2971	99.5	98.7	98.6	100.1	102.1
1989	3416	99.6	98.9	98.5	99.7	101.8
1990	5588	99.8	98.8	98.2	99.3	101.5
1991	10977	100.9	99.6	98.7	99.9	101.4
1992	15352	101.0	99.7	98.9	100.0	101.4
1993	13789	101.3	99.9	99.2	100.5	102.0
1994	17864	101.3	99.2	98.9	99.8	101.5
1995	19752	101.6	99.3	98.6	99.0	101.3
1996	18338	101.6	99.3	98.5	98.8	100.9
1997	18206	101.4	99.7	98.4	98.7	100.5
1998	16598	101.3	99.0	98.7	99.1	100.4
1999	14343	101.1	99.2	98.6	98.8	99.9
2000	10504	100.9	98.7	99.0	99.2	100.2
2001	8806	101.0	98.8	98.8	98.9	99.7
2002	6130	100.9	98.7	98.6	98.5	99.5
2003	6012	101.2	99.4	98.7	98.5	99.5
2004	5646	101.1	99.3	98.9	98.5	99.2

2005	4290	101.3	99.3	99.4	98.9	99.3
2006	3707	101.4	99.9	99.5	99.1	99.5
2007	3061	101.4	99.9	99.8	99.2	99.5
2008	2729	101.4	100.0	99.7	98.9	99.3
2009	2172	100.8	99.9	100.0	99.4	99.8
2010	1911	100.7	100.1	100.1	99.4	99.7
2011	1696	100.8	100.2	100.6	99.8	99.8
2012	1495	100.6	100.3	101.1	100.3	100.0
2013	1290	101.2	100.6	101.1	100.2	100.1
2014	948	101.2	101.1	101.4	100.5	100.1
2015	681	101.4	100.6	101.8	100.8	100.3
2016	584	101.4	101.2	102.2	100.9	101.0
2017	196	100.9	99.2	102.7	101.4	101.0

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	-227.2	-472.9	-119.4	102.3	103.1	91.1	89.5	98.2
1981	63	-231.3	-497.1	-91.4	102.6	103.5	91.6	88.5	98.5
1982	213	-235.3	-475.1	-140.7	101.6	103.3	89.9	88.7	98.5
1983	381	-234.9	-470.4	-176.8	101.9	103.1	89.9	88.9	98.5
1984	795	-236.1	-457.2	-256.9	101.9	103.1	90.4	88.5	98.7
1985	1958	-208.3	-463.5	-314.5	101.8	103.6	91.2	89.2	99.6
1986	3433	-223.9	-467.6	-384.1	101.4	103.3	91.1	89.0	99.2
1987	5235	-232.0	-476.8	-454.0	101.2	103.8	90.6	90.5	99.1
1988	8885	-231.7	-470.9	-487.5	101.4	103.7	90.5	91.0	99.0
1989	10835	-229.8	-457.2	-482.4	101.1	103.3	90.5	90.9	98.9
1990	15633	-233.5	-453.6	-493.4	100.6	103.4	90.4	91.0	98.6
1991	22467	-224.4	-422.3	-478.2	100.9	103.1	91.0	91.1	98.4
1992	25335	-220.0	-415.8	-449.6	100.9	103.0	91.1	91.3	98.3
1993	24830	-208.7	-405.8	-419.4	101.5	103.3	91.1	91.6	98.9
1994	32033	-202.3	-347.8	-438.1	100.9	102.7	90.4	90.7	98.9
1995	35779	-200.8	-331.4	-422.6	100.3	102.2	90.8	90.7	99.0
1996	33708	-191.9	-307.8	-394.0	100.0	101.6	90.8	91.7	99.1
1997	32868	-184.0	-285.6	-375.5	99.7	101.1	91.4	92.3	99.2
1998	31003	-176.3	-269.9	-389.0	99.8	101.3	91.4	92.7	99.2
1999	27021	-165.4	-250.0	-360.6	99.4	100.8	92.3	93.3	99.6
2000	20339	-147.2	-232.4	-299.0	99.7	100.7	93.6	94.4	99.7
2001	17489	-129.2	-204.1	-238.3	99.3	101.0	93.9	94.4	99.7
2002	12290	-125.1	-186.2	-235.5	99.0	100.8	94.1	94.8	99.2
2003	12058	-106.4	-146.9	-191.7	99.0	100.1	94.9	95.9	98.3
2004	11097	-91.4	-111.0	-182.8	98.7	99.9	94.9	96.6	97.9
2005	8733	-73.2	-92.6	-146.7	99.1	100.2	95.2	96.9	98.3
2006	8117	-60.3	-79.3	-101.0	99.3	100.0	95.6	97.6	98.4
2007	6997	-46.9	-60.6	-70.9	99.3	100.0	96.1	97.9	98.1
2008	6441	-40.3	-49.5	-52.6	99.1	100.1	96.3	97.7	98.8
2009	5373	-33.1	-53.8	-20.1	99.6	100.5	97.0	98.2	98.7
2010	4586	-20.1	-35.4	-4.5	99.5	100.6	97.5	98.9	99.3
2011	4226	-6.0	-20.7	22.7	99.8	100.5	97.8	100.0	99.4
2012	4107	5.3	-10.1	44.5	100.1	100.6	98.2	100.3	99.7
2013	3817	13.7	-0.2	63.8	100.2	100.7	98.4	100.3	100.0
2014	3292	29.9	11.6	91.5	100.3	101.6	99.1	100.5	100.7
2015	2591	40.2	20.8	106.5	100.6	101.9	99.4	100.8	100.9
2016	2280	50.5	33.5	134.5	101.1	101.6	99.7	101.2	101.1
2017	1067	56.2	33.2	143.7	101.3	102.0	99.8	101.6	101.3

Tabel: 139 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken

Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1983	14	95.1	96.5	98.3	96.8	95.3	97.6	95.6
1984	32	94.2	94.1	99.0	97.2	93.0	97.5	95.5
1985	27	96.4	96.0	99.8	98.1	96.1	99.9	95.9
1986	33	95.5	96.1	98.8	97.2	95.9	98.3	96.2
1987	141	94.8	95.0	99.0	97.0	95.3	96.5	96.1
1988	270	95.4	95.2	99.4	97.7	95.6	96.8	96.0
1989	332	96.1	95.7	100.0	97.9	96.3	96.9	96.1
1990	468	96.2	95.9	100.1	97.9	96.6	97.2	96.1
1991	2138	94.0	95.4	97.4	95.2	96.9	96.2	97.4
1992	2367	93.8	95.4	97.3	95.0	97.0	96.3	97.4
1993	2413	94.0	95.6	97.5	95.4	96.2	96.7	97.0
1994	5619	95.9	97.3	99.5	95.6	97.3	98.6	96.6
1995	10932	96.6	98.4	99.7	95.7	97.8	99.7	96.4
1996	8256	96.2	97.3	99.7	96.3	96.7	99.5	96.3
1997	12269	95.7	96.3	99.5	96.9	96.0	98.1	96.1
1998	12386	96.0	96.3	99.6	97.5	95.7	98.1	95.9
1999	10745	96.5	97.0	100.0	97.5	96.1	98.4	96.2
2000	8380	96.6	97.7	99.4	97.3	96.6	98.5	96.5
2001	7541	96.9	98.3	99.5	97.1	97.5	99.0	96.6
2002	5352	97.1	98.4	99.5	97.6	97.5	99.2	95.7
2003	5725	98.0	99.1	99.6	98.6	98.2	98.3	97.1
2004	5615	99.0	99.8	100.2	99.3	98.9	98.3	97.6
2005	4197	99.6	100.3	100.6	99.6	99.2	98.7	98.1
2006	3750	99.9	100.6	100.5	99.9	99.6	98.9	98.7
2007	3159	100.2	101.1	100.4	100.0	100.1	98.8	99.2
2008	2834	100.5	101.2	100.5	100.2	100.3	99.1	99.5
2009	2295	100.3	101.1	100.1	100.0	100.6	99.1	99.7
2010	1927	100.2	100.9	100.0	100.2	100.5	99.5	99.2
2011	1723	100.5	101.3	99.8	100.4	101.0	99.5	99.4
2012	1550	101.0	101.9	100.1	100.5	101.6	99.8	99.6
2013	1377	101.0	102.0	100.0	100.2	101.9	100.4	99.8
2014	1082	101.1	101.9	100.2	100.3	101.8	101.1	99.9
2015	775	101.8	102.0	101.0	100.7	102.3	101.6	99.8
2016	695	102.5	102.2	101.8	101.2	102.6	102.0	99.6
2017	200	102.7	102.2	101.8	101.6	102.8	102.1	99.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	28	94.4	101.4	94.4	101.4	95.4	99.5
1981	51	95.1	101.2	95.1	101.2	96.2	100.0
1982	170	94.9	101.5	94.9	101.5	96.0	100.0
1983	300	95.0	101.5	95.0	101.5	96.0	99.9
1984	571	95.4	101.3	95.4	101.3	96.4	99.9
1985	1367	96.4	101.5	96.4	101.5	97.5	100.8
1986	2294	96.3	101.2	96.3	101.2	97.3	100.3
1987	3473	96.1	101.2	96.1	101.2	97.1	100.6
1988	5528	96.2	101.2	96.2	101.2	97.2	100.4
1989	7033	96.1	101.3	96.1	101.3	97.1	100.3
1990	11992	95.9	101.0	95.9	101.0	96.9	99.9
1991	21323	96.0	101.1	96.0	101.1	97.3	99.6
1992	25525	95.7	101.1	95.7	101.1	97.1	99.5
1993	28703	96.0	101.5	96.0	101.5	97.6	99.9
1994	39871	96.0	101.6	96.0	101.6	98.1	99.8

1995	48450	96.3	101.5	96.3	101.5	98.1	99.8
1996	48859	96.4	101.5	96.4	101.5	98.1	100.0
1997	49759	96.8	101.4	96.8	101.4	98.2	100.0
1998	47811	96.7	101.4	96.7	101.4	98.0	99.8
1999	42221	97.2	101.5	97.2	101.5	98.4	100.0
2000	31268	97.4	101.5	97.4	101.5	98.3	100.5
2001	24252	97.7	101.4	97.7	101.4	98.5	100.8
2002	18079	97.7	100.9	97.7	100.9	98.3	100.4
2003	17061	97.7	99.8	97.7	99.8	98.4	99.7
2004	15528	97.8	99.3	97.8	99.3	98.8	99.2
2005	11484	98.0	99.5	98.0	99.5	99.3	99.5
2006	10189	98.3	99.4	98.3	99.4	99.5	99.4
2007	8550	98.3	99.1	98.3	99.1	99.6	99.3
2008	7944	98.9	99.4	98.9	99.4	100.0	99.6
2009	6876	98.7	99.4	98.7	99.4	100.2	99.5
2010	5855	98.9	99.9	98.9	99.9	100.5	99.9
2011	5190	99.0	100.0	99.0	100.0	100.9	100.0
2012	4937	99.3	100.1	99.3	100.1	101.3	100.3
2013	4489	99.8	100.1	99.8	100.1	101.7	100.3
2014	4047	100.2	100.6	100.2	100.6	102.1	100.8
2015	3455	99.9	100.7	99.9	100.7	102.1	100.9
2016	3248	99.6	101.2	99.6	101.2	101.9	101.1
2017	2440	99.5	101.6	99.5	101.6	101.9	101.3
2018	1760	99.4	102.1	99.4	102.1	101.8	101.5
2019	1095	99.6	102.1	99.6	102.1	102.0	101.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	27	97.7	102.8	102.1	99.2	100.4	101.2
1981	38	99.1	102.1	100.9	94.0	95.0	95.6
1982	156	98.4	102.3	101.4	95.8	96.5	97.9
1983	286	97.8	102.4	102.0	98.2	98.9	100.1
1984	516	99.0	101.8	100.7	97.3	97.9	99.2
1985	1062	101.1	100.4	98.4	97.8	98.4	99.0
1986	1755	100.6	100.6	99.0	98.4	98.5	99.0
1987	2686	99.7	101.2	100.2	98.5	99.1	100.7
1988	3967	99.5	101.0	100.3	97.9	99.1	101.0
1989	4593	99.1	101.3	100.6	97.7	98.9	100.2
1990	7336	99.0	101.5	100.7	97.7	99.7	101.4
1991	11896	98.1	101.2	101.6	97.6	100.3	101.0
1992	13877	97.9	101.3	101.8	98.0	100.3	100.5
1993	12876	98.1	100.8	101.6	98.8	99.8	99.6
1994	18074	97.5	101.2	102.1	99.3	99.3	100.2
1995	20075	97.5	101.4	102.2	99.3	99.4	100.1
1996	20517	97.7	101.6	102.0	99.5	99.6	99.9
1997	20083	98.0	101.6	101.8	99.2	100.1	100.0
1998	18878	97.7	101.6	102.0	99.1	100.3	100.3
1999	17926	98.1	100.8	101.7	99.3	100.2	99.8
2000	13041	98.0	100.4	101.7	99.9	99.6	99.4
2001	10896	97.8	100.0	102.0	100.0	99.0	99.6
2002	7546	97.3	101.0	102.5	99.0	99.6	100.3
2003	7613	97.7	101.5	102.2	98.4	101.2	100.6
2004	7066	97.9	101.5	102.0	98.2	102.2	101.1
2005	5974	98.4	101.1	101.7	98.5	102.0	101.0
2006	5604	98.8	100.7	101.4	98.1	102.0	101.3
2007	5703	99.1	101.0	101.1	97.7	102.6	101.8
2008	5301	99.6	100.5	100.7	98.3	102.1	101.7
2009	4740	99.5	100.5	100.9	98.5	101.8	101.2

2010	3965	99.5	100.0	101.0	98.9	101.2	101.1
2011	3536	99.4	99.9	101.2	99.0	101.0	101.1
2012	3248	99.6	99.7	101.1	98.9	100.6	100.9
2013	2826	99.8	99.5	100.9	99.2	100.8	101.2
2014	2499	100.1	99.1	100.4	99.9	100.0	100.6
2015	2041	100.3	98.8	100.2	100.3	100.1	100.7
2016	1741	100.3	98.7	100.0	100.7	100.3	101.1
2017	1240	100.4	98.8	99.8	100.8	100.5	101.2
2018	901	100.4	98.5	99.8	101.3	100.6	100.8
2019	542	100.5	98.3	99.6	101.8	100.3	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	110.3	96.6	101.7	109.3	97.6	104.8	98.4	109.6	99.0	103.6
1981	56	105.9	111.8	96.1	102.0	109.9	97.7	104.8	98.1	110.6	98.8	104.1
1982	184	106.3	111.3	96.7	101.9	110.2	97.8	105.1	98.3	110.7	98.8	104.7
1983	313	106.3	111.1	96.5	102.2	110.1	97.5	105.2	97.9	110.6	98.6	105.0
1984	557	106.3	111.2	96.4	101.9	110.0	97.4	105.2	98.0	110.3	98.4	104.8
1985	1302	105.8	111.1	95.4	101.5	109.3	96.5	105.0	97.9	109.5	97.9	103.7
1986	2166	105.9	110.7	95.4	101.4	109.3	96.3	105.1	98.1	109.5	97.7	103.8
1987	3226	107.4	112.1	95.1	102.4	111.5	95.9	106.4	97.7	111.2	97.4	105.6
1988	5146	107.2	112.2	95.4	102.2	111.7	95.9	106.3	97.4	111.3	97.4	105.2
1989	6440	106.5	111.6	95.8	101.9	110.7	96.3	105.7	97.5	110.7	97.5	104.7
1990	10643	106.6	111.7	96.1	102.1	110.7	96.5	105.6	97.8	110.9	97.8	104.7
1991	18037	106.3	110.5	96.0	101.4	110.1	96.3	105.4	97.8	110.2	97.4	104.3
1992	23272	106.4	110.7	96.1	101.5	110.3	96.3	105.5	97.9	110.3	97.5	104.3
1993	24007	106.0	110.6	96.3	101.6	109.9	96.6	105.0	98.0	109.9	97.6	104.3
1994	32323	106.3	111.1	96.9	102.6	109.5	97.5	105.1	98.7	110.0	98.0	106.0
1995	36826	106.3	110.6	97.1	102.5	108.9	97.6	105.0	99.3	109.2	98.0	106.1
1996	40240	105.6	110.1	97.6	102.2	108.2	98.2	104.4	98.9	109.2	98.2	105.9
1997	43881	104.8	109.1	97.7	101.7	107.3	98.2	103.7	98.9	108.4	98.2	104.7
1998	38549	104.5	108.1	97.8	101.5	106.9	98.1	103.4	98.8	107.9	97.6	104.7
1999	37611	104.1	107.6	97.8	101.2	106.3	97.9	103.0	99.0	107.3	97.6	104.2
2000	25913	104.0	106.7	97.9	101.1	105.9	98.2	102.7	99.7	106.9	97.9	103.8
2001	20812	103.9	106.1	99.1	100.8	105.8	98.6	102.5	100.1	106.4	98.8	103.3
2002	16941	104.2	106.3	99.2	101.2	105.8	98.8	102.9	100.1	106.2	98.8	103.6
2003	15647	103.7	105.7	99.2	101.1	105.0	98.9	102.3	100.6	105.6	98.6	103.5
2004	14458	103.6	105.3	99.0	101.2	104.5	98.7	102.1	100.9	105.7	98.1	103.6
2005	10921	103.1	104.8	99.1	100.8	104.2	98.8	101.7	100.6	105.4	98.3	103.5
2006	9605	102.8	104.4	99.3	100.5	103.8	98.8	101.5	100.9	104.5	99.3	102.0
2007	7638	102.5	104.1	99.5	100.3	103.5	99.0	101.3	100.8	104.2	98.7	101.3
2008	6611	102.4	103.6	99.7	100.1	103.3	99.1	101.3	100.5	103.6	99.4	101.6
2009	5678	102.2	103.6	99.3	100.4	103.0	99.5	101.0	100.2	105.4	99.8	102.6
2010	4378	101.7	103.0	99.6	99.8	102.8	99.4	100.8	99.9	104.3	98.4	101.3
2011	3242	101.5	102.2	99.8	99.2	102.4	99.4	100.7	99.9	103.4	99.0	101.6
2012	2280	101.9	102.4	99.8	99.3	102.9	99.3	101.0	99.6	107.0	102.8	99.4
2013	1802	102.4	102.1	100.0	99.4	103.0	99.3	101.3	99.6	108.4	103.4	100.3
2014	1283	102.0	101.6	101.0	99.5	102.9	99.0	101.5	99.7	101.8	100.3	100.8
2015	892	102.0	101.3	101.1	99.5	102.5	99.2	101.4	100.0	102.4	100.4	100.4
2016	807	101.8	102.0	100.8	99.6	102.7	99.1	101.5	99.3	102.8	100.2	100.6
2017	255	101.9	103.0	100.6	100.3	103.0	99.1	101.6	98.9	103.3	99.9	101.1

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	28	98.3	99.9	99.5
1981	52	98.8	99.8	100.0
1982	174	98.4	99.4	100.0
1983	299	98.3	99.4	99.7
1984	572	98.6	99.5	100.2
1985	1363	98.9	99.6	100.6
1986	2301	98.5	99.4	100.6
1987	3521	98.7	99.3	100.5
1988	5602	98.6	99.3	100.4
1989	7157	98.3	99.1	100.3
1990	12205	98.0	99.0	100.2
1991	21040	97.8	98.8	100.3
1992	24776	97.4	98.6	100.2
1993	29808	97.1	98.6	100.1
1994	46493	97.8	99.2	100.2
1995	53031	98.1	99.4	100.3
1996	54284	98.0	99.5	99.6
1997	55533	98.0	99.4	99.5
1998	54069	97.8	99.2	99.6
1999	48007	98.2	99.5	100.0
2000	35814	98.1	99.4	100.0
2001	27624	98.4	99.4	100.3
2002	21002	98.6	99.5	100.2
2003	19763	99.1	99.9	100.1
2004	17940	99.7	100.3	100.1
2005	13257	100.1	100.5	100.7
2006	11648	100.2	100.6	100.7
2007	9799	100.5	100.7	100.5
2008	9314	100.1	100.3	100.6
2009	8215	100.1	100.2	100.6
2010	7049	99.6	99.7	100.2
2011	6288	99.9	100.2	100.0
2012	6081	100.2	100.4	100.1
2013	5486	100.5	100.7	99.6
2014	5014	99.9	100.1	99.8
2015	4531	99.7	99.9	100.1
2016	4464	100.0	100.3	100.1
2017	3717	100.7	101.0	100.3
2018	3024	100.9	101.1	100.2
2019	1792	101.1	101.2	100.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17492	-2248.8	-9506.9	-366.6	-328.9
2002	12302	-2181.0	-9188.3	-353.8	-320.0
2003	12066	-1803.1	-7944.6	-282.9	-268.4
2004	11122	-1632.0	-7397.1	-250.1	-245.3
2005	8754	-1354.9	-6292.0	-205.2	-204.4
2006	8152	-1037.4	-4984.8	-153.5	-157.8
2007	7038	-787.2	-4081.5	-109.0	-122.6
2008	6492	-634.9	-3398.1	-87.8	-98.5
2009	5442	-457.5	-2597.5	-61.1	-71.6
2010	4660	-282.3	-1850.6	-35.1	-44.8
2011	4285	-57.1	-939.5	3.5	-12.6
2012	4136	121.7	-199.0	32.6	13.6
2013	3873	290.4	433.0	59.5	38.9

2014	3344	517.4	1415.8	93.7	73.4
2015	2641	659.8	1886.6	117.2	94.6
2016	2360	889.7	2791.4	159.7	125.8
2017	1151	941.2	3005.1	168.2	133.3
2018	87	1436.6	4767.9	258.6	202.0
2019	54	2017.9	7147.2	353.2	287.4

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

Jaar	Aantal	Eff	Int	Gewen
1982	28	100.6	97.0	102.0
1983	42	101.2	96.3	102.0
1984	65	99.7	96.5	101.5
1985	135	99.5	97.7	101.2
1986	193	99.2	97.7	101.3
1987	286	99.5	97.2	101.2
1988	419	99.6	96.7	101.2
1989	416	99.6	96.2	101.4
1990	522	99.6	95.7	101.3
1991	1184	100.4	96.1	101.6
1992	1499	100.6	95.7	101.5
1993	1406	100.9	95.4	101.6
1994	2098	100.8	92.8	102.3
1995	2479	100.9	92.8	102.0
1996	2345	101.3	93.0	102.1
1997	2715	100.9	94.0	102.0
1998	2567	101.0	94.0	101.8
1999	2426	100.6	94.4	101.8
2000	1932	100.6	95.0	101.3
2001	1818	100.7	95.5	101.0
2002	1414	100.6	96.1	101.0
2003	1547	100.5	97.2	101.0
2004	1544	100.6	97.8	101.1
2005	1266	101.1	97.8	101.0
2006	1305	100.9	98.5	101.0
2007	1165	100.8	99.1	100.5
2008	1093	100.9	99.3	100.6
2009	1137	100.2	99.5	100.2
2010	1129	100.2	99.8	100.5
2011	1060	100.4	101.1	99.8
2012	1044	100.3	102.3	99.8
2013	997	100.9	103.4	99.5
2014	789	101.2	104.6	99.0
2015	624	101.2	105.9	99.3
2016	576	101.3	106.7	99.3
2017	305	101.3	106.1	99.1

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	96.5	98.2	1	-4.7	0	0.0
1981	63	95.4	97.9	1	-2.5	0	0.0
1982	213	96.1	97.8	1	-5.3	0	0.0
1983	381	96.1	98.0	3	-4.1	0	0.0

1984	795	95.7	97.8	4	-3.8	0	0.0
1985	1958	95.5	97.8	2280	-4.8	0	0.0
1986	3433	95.1	97.5	3830	-4.7	0	0.0
1987	5235	94.7	97.5	5611	-4.5	0	0.0
1988	8885	95.3	97.6	9054	-4.3	0	0.0
1989	10835	95.6	97.7	10888	-4.2	0	0.0
1990	15633	95.6	97.4	15711	-4.1	0	0.0
1991	22467	95.4	97.4	22738	-3.8	0	0.0
1992	25335	95.7	97.5	25720	-3.7	0	0.0
1993	24830	95.5	97.6	24857	-3.6	0	0.0
1994	32033	95.5	97.8	32047	-2.9	0	0.0
1995	35779	95.4	97.7	35793	-2.7	0	0.0
1996	33708	95.7	97.6	33722	-2.5	0	0.0
1997	32868	96.1	97.4	32888	-2.3	0	0.0
1998	31003	96.0	97.4	31015	-2.2	0	0.0
1999	27021	96.0	97.3	27029	-2.0	0	0.0
2000	20339	96.5	97.7	20352	-1.9	0	0.0
2001	17489	97.3	97.9	17495	-1.7	9171	97.9
2002	12290	97.1	97.6	12295	-1.5	6341	98.8
2003	12058	97.7	98.4	12074	-1.1	6282	99.3
2004	11097	97.8	98.7	11117	-0.8	5870	100.0
2005	8733	98.2	98.8	8744	-0.7	4515	99.4
2006	8117	98.9	99.4	8139	-0.6	4000	99.5
2007	6997	99.2	99.7	7019	-0.5	3310	99.5
2008	6441	99.1	99.5	6461	-0.4	2974	99.3
2009	5373	99.0	99.8	5404	-0.4	2415	99.8
2010	4586	99.0	99.3	4609	-0.3	2088	99.6
2011	4226	99.4	99.4	4254	-0.2	1884	99.6
2012	4107	99.6	99.5	4118	-0.1	1691	99.7
2013	3817	99.7	99.3	3840	0.0	1512	99.6
2014	3292	100.1	99.1	3308	0.1	1186	100.0
2015	2591	100.2	99.4	2614	0.2	890	100.2
2016	2280	101.0	99.1	2326	0.3	809	100.8
2017	1068	101.5	97.9	1120	0.5	264	101.8
2018	0	0.0	0.0	87	0.7	0	0.0
2019	0	0.0	0.0	55	0.7	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	636	-760.6	-35.5	-43.3	-44.3	-2.4	-26.9	-16.6	-265.4
1981	828	-762.4	-31.9	-43.4	-44.4	4.1	-27.0	-16.5	-258.1
1982	4079	-756.3	-34.0	-43.2	-44.1	-0.2	-26.9	-16.6	-261.7
1983	7396	-738.8	-32.2	-41.6	-43.3	1.8	-25.1	-16.5	-251.1
1984	7744	-742.9	-31.4	-41.1	-43.5	3.8	-23.8	-16.6	-247.6
1985	11158	-846.7	-29.9	-42.6	-48.2	15.2	-19.9	-16.8	-251.8
1986	22229	-806.2	-29.9	-40.7	-46.4	11.9	-18.9	-16.7	-243.7
1987	32108	-833.5	-32.4	-41.0	-47.6	9.6	-17.7	-16.8	-250.5
1988	34083	-870.4	-32.9	-41.4	-49.3	11.9	-15.9	-16.9	-253.6
1989	50366	-755.2	-30.9	-36.3	-44.1	6.1	-14.4	-16.6	-227.1
1990	50986	-708.7	-29.7	-34.9	-42.0	4.4	-14.8	-16.6	-218.1
1991	41803	-662.6	-26.5	-32.9	-39.9	6.3	-14.2	-16.5	-202.6
1992	36174	-622.7	-24.3	-31.3	-38.1	7.0	-13.9	-16.4	-191.0
1993	38966	-510.1	-20.5	-26.9	-32.9	4.9	-13.1	-16.1	-163.1
1994	33545	-372.9	-13.3	-21.8	-26.7	6.3	-12.9	-16.0	-125.5
1995	30694	-256.3	-7.8	-18.3	-21.4	6.9	-13.8	-15.8	-97.9
1996	23492	-168.1	-5.1	-15.5	-17.4	4.8	-14.3	-15.6	-79.5
1997	16372	-78.9	-0.1	-11.1	-13.3	6.5	-12.4	-15.5	-49.7
1998	10207	-77.2	0.5	-10.5	-13.3	7.3	-11.6	-15.5	-46.1

1999	6946	-31.9	3.9	-8.6	-11.2	9.3	-11.0	-15.4	-30.3
2000	4915	23.4	3.3	-7.2	-8.4	4.5	-11.9	-14.8	-25.2
2001	4275	133.4	4.9	-3.7	-0.1	-0.3	-12.5	-9.5	-4.8
2002	2993	186.9	8.9	-0.8	2.8	2.1	-11.0	-8.7	16.2
2003	2731	239.3	11.0	1.7	4.4	1.4	-10.2	-9.9	31.2
2004	2473	290.4	14.6	4.2	7.0	3.4	-9.0	-9.4	50.1
2005	2090	310.1	13.7	5.2	7.6	0.7	-8.6	-9.9	52.4
2006	2291	463.9	18.8	11.3	14.4	-1.7	-7.8	-10.1	90.3
2007	2309	451.2	20.4	11.2	13.8	1.3	-7.3	-10.2	93.2
2008	2398	511.2	23.4	13.6	16.4	1.7	-7.1	-10.3	109.6
2009	1900	529.4	23.8	15.0	16.7	0.9	-6.0	-11.2	116.4
2010	1793	600.2	25.3	16.9	19.7	-1.3	-6.9	-11.5	128.3
2011	1725	676.7	29.2	20.1	23.0	-0.3	-6.3	-11.5	150.6
2012	1812	723.7	32.0	22.0	25.1	0.8	-5.9	-11.6	164.8
2013	2047	721.6	31.6	23.5	26.5	0.1	-3.7	-9.5	170.8
2014	1810	799.9	34.4	25.9	29.1	-0.7	-4.4	-10.8	187.3
2015	2045	809.8	36.2	25.2	28.5	1.3	-5.8	-12.2	188.2
2016	1366	826.1	36.7	27.2	30.3	0.9	-4.0	-10.7	197.6
2017	586	868.8	37.4	28.6	32.5	-0.8	-4.2	-10.3	205.5

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	95.9	91.6	95.2	102.6	93.4	92.8	95.7
1981	1162	94.9	91.4	94.1	101.3	93.4	93.4	95.3
1982	4663	96.1	92.4	95.3	102.5	94.6	93.5	95.9
1983	8209	95.8	92.9	95.6	102.5	95.0	93.3	95.9
1984	7215	95.4	93.3	95.4	102.1	95.4	93.9	96.1
1985	8864	94.8	92.9	94.9	101.6	95.6	93.6	94.7
1986	15855	94.9	92.9	95.4	102.1	95.3	92.9	94.9
1987	21512	95.7	93.8	95.9	102.2	95.8	93.2	96.2
1988	19142	95.6	94.1	95.8	102.0	96.2	93.8	96.4
1989	27139	96.1	95.5	96.1	102.5	96.5	94.9	97.1
1990	27253	96.2	95.5	95.9	102.4	96.5	94.8	97.3
1991	22483	97.1	94.9	96.7	103.1	95.9	94.3	97.2
1992	19586	97.4	94.8	97.1	103.4	96.0	94.0	97.3
1993	20475	98.0	95.1	97.5	103.9	95.6	94.3	98.0
1994	16852	98.4	95.8	98.7	104.6	95.6	93.8	98.4
1995	15303	98.8	95.6	99.9	105.9	94.8	94.4	97.6
1996	11294	99.8	95.4	100.5	106.4	94.8	94.5	98.0
1997	7270	99.7	95.4	100.8	106.7	94.4	94.7	97.5
1998	3860	100.1	95.4	101.2	106.9	94.6	94.3	97.5
1999	2664	100.3	95.6	101.1	107.0	94.4	94.5	97.7
2000	1670	100.9	95.6	100.7	106.5	94.5	94.3	97.8
2001	1469	101.2	96.1	100.9	106.6	94.5	94.8	97.7
2002	998	101.3	96.3	101.2	107.0	94.8	94.7	97.8
2003	945	102.3	96.9	102.0	107.8	94.8	95.4	98.1
2004	898	102.8	97.1	102.3	107.9	94.5	95.5	98.1
2005	709	103.2	97.4	102.5	108.0	94.8	95.4	98.0
2006	749	103.3	97.0	102.3	108.0	94.0	95.9	97.9
2007	779	103.0	97.0	101.7	107.4	94.3	96.5	98.6
2008	883	103.4	97.3	102.2	107.6	94.6	96.2	99.0
2009	751	103.9	97.5	102.6	108.1	94.6	96.3	98.5
2010	728	104.1	97.5	102.6	108.1	94.6	96.3	98.7
2011	699	104.1	97.6	102.7	108.4	94.5	96.5	99.0
2012	641	104.2	97.8	102.8	108.3	94.7	96.0	98.9
2013	698	104.4	97.6	103.0	109.2	94.1	96.4	98.8
2014	676	104.9	97.5	102.7	108.6	94.1	96.5	99.4

2015	805	105.6	97.1	102.4	109.0	94.0	97.0	99.3
2016	515	105.3	97.4	103.0	109.3	94.2	96.6	99.1
2017	148	105.1	97.4	103.4	109.5	94.1	96.5	98.8

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

Jaar	Aantal	BA	BZ	KH	BG
1980	713	90.6	100.4	89.7	89.2
1981	1162	91.2	99.7	89.7	89.8
1982	4663	91.7	100.1	90.1	90.3
1983	8209	91.9	100.6	90.5	90.2
1984	7215	91.7	100.6	90.3	90.6
1985	8864	92.4	99.3	91.3	91.2
1986	15855	92.7	100.7	90.7	91.4
1987	21512	94.2	100.9	90.6	93.4
1988	19142	94.4	100.2	91.2	93.7
1989	27139	93.6	99.7	92.1	93.0
1990	27253	93.7	99.4	92.4	92.8
1991	22483	94.0	100.4	92.0	93.1
1992	19586	94.3	100.7	92.2	93.4
1993	20475	94.5	101.6	92.3	93.4
1994	16852	94.2	102.1	91.6	93.4
1995	15303	94.0	102.2	91.3	93.6
1996	11294	95.2	101.5	92.1	94.7
1997	7270	95.1	101.9	92.0	94.3
1998	3860	95.2	102.8	91.7	94.4
1999	2664	95.7	102.7	91.9	95.0
2000	1670	97.0	102.2	92.9	96.2
2001	1469	96.8	101.9	93.5	96.1
2002	998	97.6	102.1	94.0	96.9
2003	945	97.5	101.6	94.5	97.1
2004	898	97.9	101.8	94.5	97.6
2005	709	98.1	101.6	95.1	98.0
2006	749	98.4	102.0	94.8	98.2
2007	779	98.7	101.1	95.6	98.9
2008	883	98.5	101.2	95.5	98.7
2009	751	98.8	101.1	95.8	98.9
2010	728	99.4	100.9	96.2	99.6
2011	699	99.9	101.0	96.3	100.4
2012	641	100.2	100.9	96.4	100.7
2013	698	100.0	101.0	97.0	100.5
2014	676	100.6	100.5	97.2	101.2
2015	805	100.6	100.5	97.7	100.8
2016	515	101.2	100.7	97.7	101.6
2017	148	101.4	100.9	97.1	102.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	713	99.0	95.0	97.6	99.9	100.4	95.3	93.2
1981	1162	99.3	94.7	97.5	99.9	100.2	96.4	93.9
1982	4663	99.6	95.3	97.2	100.1	101.0	96.4	94.4
1983	8209	99.3	95.2	97.6	99.9	100.8	96.4	94.4
1984	7215	99.3	95.1	98.3	99.6	100.6	96.9	94.8

1985	8864	100.2	96.1	98.6	100.1	101.2	98.1	95.6
1986	15855	100.7	96.3	98.9	100.0	101.6	97.7	95.7
1987	21512	100.4	96.9	100.2	99.6	101.4	97.1	95.6
1988	19142	100.1	97.0	100.5	99.5	101.0	97.0	95.6
1989	27139	99.5	96.6	97.9	98.6	99.8	95.6	94.3
1990	27253	99.7	97.0	97.9	99.1	100.2	96.1	94.7
1991	22483	100.7	97.2	98.1	99.8	100.9	96.2	95.2
1992	19586	101.0	97.9	98.5	100.1	101.3	96.6	95.9
1993	20475	101.6	98.6	98.0	100.4	101.0	97.3	96.5
1994	16852	101.8	99.1	98.2	100.2	101.0	98.1	97.2
1995	15303	102.2	99.8	97.6	99.8	101.7	98.5	97.8
1996	11294	102.2	100.6	97.7	99.9	102.3	99.1	98.6
1997	7270	101.7	100.3	97.9	99.5	102.6	98.9	98.2
1998	3860	101.5	100.2	98.1	99.7	102.6	99.3	98.4
1999	2664	102.2	100.8	97.9	100.4	103.7	100.1	99.2
2000	1670	102.6	100.8	99.1	101.2	104.3	100.5	99.7
2001	1469	102.7	100.8	98.9	101.2	104.4	99.9	99.2
2002	998	102.8	101.4	98.0	101.3	104.1	100.6	100.0
2003	945	102.9	101.6	98.1	101.8	104.5	100.6	100.0
2004	898	103.3	102.3	97.9	102.0	105.1	101.1	100.7
2005	709	103.2	102.4	98.7	102.1	105.0	101.1	100.8
2006	749	103.2	101.8	98.7	102.2	105.6	100.9	100.4
2007	779	103.5	102.7	99.1	102.5	106.5	101.8	101.4
2008	883	103.1	102.7	98.7	102.6	106.5	102.3	101.8
2009	751	103.6	103.2	98.2	102.8	106.6	102.4	102.0
2010	728	104.0	103.5	98.1	103.4	106.9	102.4	102.3
2011	699	104.1	103.3	98.7	103.1	106.8	102.2	102.1
2012	641	104.2	103.4	98.2	103.3	107.0	102.6	102.8
2013	698	104.3	104.9	98.4	103.0	108.4	103.2	103.8
2014	676	105.4	104.8	97.9	104.3	108.3	102.9	103.6
2015	805	106.3	104.3	97.1	104.9	107.7	102.7	103.4
2016	515	106.1	104.8	97.2	105.0	108.4	103.4	104.1
2017	148	106.2	105.4	97.6	105.1	108.8	103.9	104.4

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	713	89.6	94.9	99.5	87.4	93.2	89.2
1981	1162	89.2	93.5	99.7	87.8	93.8	89.2
1982	4663	90.3	95.9	100.1	88.4	94.1	90.4
1983	8209	90.5	96.4	99.9	88.5	94.7	90.5
1984	7215	90.9	96.5	99.8	88.7	95.3	90.6
1985	8864	89.8	95.7	100.7	89.0	94.9	90.9
1986	15855	89.7	96.1	100.9	89.4	94.4	91.2
1987	21512	91.0	97.1	100.5	91.5	95.5	92.6
1988	19142	91.5	97.4	100.2	91.9	96.2	92.8
1989	27139	93.0	98.4	99.0	91.2	97.1	92.5
1990	27253	93.0	98.3	99.5	91.0	97.1	92.6
1991	22483	92.7	98.3	100.3	91.4	96.0	93.2
1992	19586	92.7	98.7	100.8	91.7	95.8	93.6
1993	20475	93.5	99.0	101.1	91.9	95.3	94.1
1994	16852	94.0	99.7	101.2	91.8	95.5	94.4
1995	15303	94.3	100.0	101.4	91.9	95.1	94.7
1996	11294	94.7	100.3	101.7	93.1	95.2	95.7
1997	7270	94.6	100.2	101.5	92.8	94.9	95.4
1998	3860	94.5	100.3	101.6	92.9	94.8	95.5
1999	2664	94.7	100.3	102.5	93.5	94.9	96.3
2000	1670	94.5	100.1	103.1	94.9	95.2	97.3
2001	1469	95.0	100.2	103.2	94.9	95.4	97.5

2002	998	95.0	100.7	103.2	95.8	95.6	98.1
2003	945	96.0	101.3	103.6	96.0	96.1	98.8
2004	898	96.2	101.2	104.1	96.4	96.0	99.3
2005	709	96.2	101.5	104.0	96.9	96.3	99.6
2006	749	96.3	100.9	104.2	97.1	95.9	99.7
2007	779	96.8	101.0	104.9	97.8	96.2	100.6
2008	883	97.1	101.4	104.8	97.6	96.5	100.6
2009	751	97.1	101.5	105.1	97.9	96.7	100.9
2010	728	97.1	101.5	105.5	98.6	96.6	101.5
2011	699	97.5	101.7	105.4	99.3	96.7	102.0
2012	641	97.3	101.9	105.5	99.6	96.9	102.2
2013	698	97.5	102.0	105.9	99.6	96.3	102.5
2014	676	97.7	101.8	106.8	100.3	96.6	103.3
2015	805	97.7	102.0	107.0	100.1	96.4	103.4
2016	515	97.6	102.1	107.4	100.9	96.6	104.0
2017	148	97.5	102.1	107.6	101.4	96.6	104.3

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1566	100.5	100.3	99.6	99.9	99.5	100.9	96.9	99.7
1981	2682	100.9	100.6	100.0	100.4	100.0	101.2	96.0	100.2
1982	9138	100.7	100.4	99.8	100.1	99.8	101.3	96.2	100.0
1983	15768	100.6	100.1	99.6	99.9	99.5	101.0	96.2	99.7
1984	14707	100.9	100.0	99.8	100.0	99.8	101.4	95.7	99.9
1985	17858	101.1	100.1	100.0	100.3	100.1	101.3	94.5	100.2
1986	31722	101.1	99.9	99.8	100.2	100.0	101.1	94.7	100.0
1987	42227	102.2	99.7	100.2	100.3	100.9	101.7	95.0	100.3
1988	39906	102.2	99.6	100.1	100.2	100.9	101.7	94.4	100.2
1989	57337	100.6	99.1	98.7	98.9	99.0	100.6	94.2	98.7
1990	57745	100.7	98.9	98.6	98.7	99.0	100.7	94.1	98.5
1991	48477	100.8	98.8	98.8	98.7	99.3	100.9	95.5	98.7
1992	42547	101.1	98.8	99.1	99.0	99.8	101.3	96.0	99.0
1993	45105	101.0	99.0	99.4	99.3	100.2	101.5	96.5	99.3
1994	39459	100.5	98.9	99.0	99.0	99.8	101.6	97.2	98.9
1995	36019	100.1	98.4	98.6	98.4	99.5	101.3	97.7	98.3
1996	27756	100.1	98.4	98.6	98.3	99.6	101.3	98.7	98.4
1997	19533	99.8	97.7	98.1	97.5	99.1	101.2	98.9	97.7
1998	12478	99.4	98.1	98.1	97.8	99.0	101.1	99.2	97.8
1999	8477	99.1	97.9	97.8	97.6	98.7	101.0	99.4	97.5
2000	5823	99.1	97.9	97.9	97.6	98.9	101.1	99.7	97.6
2001	5057	99.2	98.2	98.2	98.0	99.1	100.9	99.6	98.0
2002	3653	98.8	98.3	98.1	97.9	98.9	100.7	100.2	97.8
2003	3366	98.3	98.1	97.7	97.5	98.4	100.1	101.4	97.4
2004	3023	98.3	98.4	97.9	97.7	98.6	100.2	101.9	97.7
2005	2488	98.2	98.7	98.0	98.0	98.7	100.4	102.0	97.9
2006	2721	98.1	98.1	97.8	97.5	98.7	100.6	102.2	97.5
2007	2850	98.0	98.2	97.9	97.7	98.7	100.6	103.0	97.6
2008	2971	98.2	98.2	97.9	97.7	98.9	100.7	103.1	97.7
2009	2363	98.1	98.5	98.2	97.9	99.0	100.8	103.5	97.9
2010	2187	98.4	98.4	98.4	98.0	99.3	100.8	103.6	98.1
2011	2152	97.9	98.3	97.9	97.6	98.8	100.4	103.9	97.6
2012	2235	97.8	98.5	98.1	97.9	99.0	100.2	104.0	97.9
2013	2498	98.7	98.1	98.6	98.1	100.0	101.2	103.7	98.3
2014	2168	98.6	98.2	98.8	98.3	99.9	100.8	104.5	98.4
2015	2546	99.1	98.4	99.3	98.7	100.5	101.3	104.8	98.9
2016	1774	98.7	98.4	98.9	98.5	100.3	101.4	104.7	98.6
2017	1030	98.5	98.5	98.8	98.6	100.2	101.3	104.7	98.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	358	98.3	98.3	98.8	101.8	102.3
1981	515	97.3	91.8	99.5	102.5	103.1
1982	2026	97.6	95.3	99.5	102.3	102.8
1983	3705	97.9	94.6	99.1	102.1	102.5
1984	3356	97.3	95.8	99.0	102.0	102.4
1985	4314	97.3	95.5	98.7	101.8	102.4
1986	8484	96.9	96.6	98.6	101.6	102.2
1987	12116	96.5	96.9	98.3	101.1	101.9
1988	10973	96.7	97.2	98.3	101.0	101.9
1989	16320	98.6	98.3	98.3	100.5	100.9
1990	17156	98.6	98.4	98.4	100.5	100.9
1991	18127	99.0	98.7	98.3	100.6	100.9
1992	19585	98.7	98.6	98.4	100.6	101.1
1993	20315	99.4	98.8	98.8	101.2	101.3
1994	16547	99.1	98.2	98.8	100.9	101.3
1995	14873	99.2	98.6	98.2	99.9	100.9
1996	10954	99.5	98.9	98.2	99.8	101.0
1997	7018	98.6	99.0	98.2	99.8	100.6
1998	3668	98.3	98.3	98.6	100.1	100.7
1999	2521	98.4	98.3	98.4	99.8	100.2
2000	1579	97.8	98.5	98.9	100.3	100.6
2001	1415	98.0	98.0	98.4	99.7	99.8
2002	957	98.7	98.7	99.1	100.1	100.5
2003	887	98.8	99.2	98.6	99.7	100.1
2004	815	98.6	98.9	99.0	99.7	100.0
2005	660	98.6	98.6	98.8	99.5	99.9
2006	691	98.9	99.4	98.8	99.5	99.8
2007	700	98.9	99.8	99.4	100.0	100.3
2008	766	99.2	99.5	99.3	99.8	100.0
2009	616	98.5	99.3	99.5	99.9	100.1
2010	630	98.4	99.8	100.0	100.2	100.2
2011	589	98.6	99.4	100.2	100.2	100.2
2012	509	98.8	100.3	100.5	100.5	100.2
2013	546	98.5	99.9	100.8	100.8	100.8
2014	502	98.9	100.5	100.5	100.5	100.2
2015	646	100.6	101.5	99.9	100.1	99.7
2016	385	99.4	100.9	100.9	100.9	100.6
2017	128	99.3	100.8	101.7	101.5	101.0

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	636	-138.6	-265.4	62.4	102.4	99.7	99.5	87.4	96.8
1981	828	-113.9	-258.1	78.5	103.2	100.2	99.7	87.8	97.4
1982	4078	-127.1	-261.7	49.4	102.9	100.0	100.1	88.4	97.4
1983	7396	-131.8	-251.1	-12.9	102.6	99.7	99.9	88.5	97.3
1984	7743	-141.9	-247.6	-126.8	102.5	99.9	99.8	88.7	97.4
1985	11156	-142.2	-251.8	-221.9	102.4	100.2	100.7	89.0	98.1
1986	22229	-148.0	-243.7	-297.5	102.2	100.0	100.9	89.4	97.8
1987	32108	-140.8	-250.5	-371.8	101.8	100.3	100.5	91.5	97.8
1988	34083	-145.3	-253.6	-403.6	101.7	100.2	100.2	91.9	97.7

1989	50365	-161.1	-227.1	-409.3	100.8	98.7	99.0	91.2	97.4
1990	50986	-158.8	-218.1	-396.7	100.8	98.5	99.5	91.0	97.1
1991	41803	-148.8	-202.6	-378.0	100.8	98.7	100.3	91.4	97.2
1992	36174	-139.0	-191.0	-352.0	101.0	99.0	100.8	91.7	97.2
1993	38964	-117.8	-163.1	-312.3	101.4	99.3	101.1	91.9	97.5
1994	33545	-106.1	-125.5	-288.1	101.3	98.9	101.2	91.8	97.7
1995	30693	-100.9	-97.9	-256.1	100.5	98.3	101.4	91.9	97.7
1996	23492	-84.4	-79.5	-200.7	100.5	98.4	101.7	93.1	98.1
1997	16372	-85.1	-49.7	-204.9	100.3	97.7	101.5	92.8	97.9
1998	10207	-80.0	-46.1	-203.8	100.5	97.8	101.6	92.9	97.9
1999	6946	-68.5	-30.3	-177.8	100.1	97.5	102.5	93.5	98.1
2000	4914	-47.8	-25.2	-150.7	100.5	97.6	103.1	94.9	98.5
2001	4275	-42.4	-4.8	-111.2	99.7	98.0	103.2	94.9	98.5
2002	2993	-21.4	16.2	-65.8	100.4	97.8	103.2	95.8	98.3
2003	2731	-18.5	31.2	-51.2	99.9	97.4	103.6	96.0	97.8
2004	2473	-3.2	50.1	-10.2	99.9	97.7	104.1	96.4	97.9
2005	2090	1.9	52.4	-11.7	99.7	97.9	104.0	96.9	97.8
2006	2291	17.9	90.3	57.7	99.6	97.5	104.2	97.1	98.2
2007	2309	30.2	93.2	80.9	100.2	97.6	104.9	97.8	98.2
2008	2398	31.1	109.6	58.8	99.9	97.7	104.8	97.6	98.4
2009	1900	41.0	116.4	78.3	100.0	97.9	105.1	97.9	98.4
2010	1793	54.6	128.3	118.1	100.3	98.1	105.5	98.6	98.4
2011	1725	62.8	150.6	133.0	100.2	97.6	105.4	99.3	98.2
2012	1812	74.4	164.8	148.6	100.4	97.9	105.5	99.6	98.3
2013	2047	85.0	170.8	158.0	100.9	98.3	105.9	99.6	98.8
2014	1810	97.6	187.3	194.1	100.4	98.4	106.8	100.3	99.1
2015	2045	96.6	188.2	208.8	99.8	98.9	107.0	100.1	99.1
2016	1366	113.3	197.6	227.9	100.8	98.6	107.4	100.9	99.2
2017	585	127.5	205.5	254.5	101.3	98.6	107.6	101.4	99.3

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1982	40	92.8	95.5	95.0	93.7	95.2	98.3	100.0
1983	48	92.7	95.5	95.2	93.5	95.1	98.7	99.7
1984	74	93.0	95.8	95.0	93.8	95.5	98.6	100.1
1985	37	93.9	96.4	95.9	94.2	96.6	99.6	99.8
1986	41	93.6	96.2	95.5	93.9	96.8	98.9	100.1
1987	83	93.3	94.0	96.7	94.9	95.6	97.9	99.2
1988	135	93.3	94.2	97.2	94.7	95.1	97.7	98.8
1989	977	93.0	94.7	97.4	93.5	95.1	97.8	98.4
1990	1206	93.1	94.6	97.4	93.6	95.1	97.9	98.5
1991	1939	91.9	94.1	95.7	92.7	95.3	97.4	99.6
1992	1534	91.8	93.9	95.4	92.7	95.4	97.4	99.9
1993	2912	91.9	95.4	94.2	92.3	95.3	99.4	100.3
1994	3927	93.3	96.0	96.1	93.1	95.7	100.3	99.8
1995	7287	94.3	96.9	97.0	93.6	96.1	101.1	99.3
1996	4149	94.5	96.2	97.3	94.3	96.0	100.7	99.3
1997	3970	93.7	95.5	96.7	94.2	95.5	99.1	99.5
1998	2378	93.8	95.5	96.8	94.5	95.2	99.4	99.2
1999	1626	94.6	96.3	97.5	94.8	95.8	99.9	99.3
2000	958	94.6	96.3	97.2	95.0	95.9	99.5	99.5
2001	871	95.1	96.6	97.5	95.3	96.6	99.9	99.7
2002	622	95.8	97.4	97.5	95.9	97.2	100.6	99.7
2003	657	96.4	97.8	97.6	96.6	97.5	99.8	100.4
2004	677	96.4	98.0	97.6	96.5	97.7	99.2	100.4
2005	512	97.3	98.6	98.0	97.1	98.3	100.0	100.9
2006	567	97.3	98.7	97.9	97.1	98.2	100.4	101.2
2007	600	97.7	99.2	98.3	97.5	98.4	99.8	100.7

2008	739	97.4	98.8	98.0	97.4	98.2	99.4	100.9
2009	598	97.3	99.1	97.5	97.2	98.7	99.5	101.4
2010	597	97.7	99.2	97.6	97.6	98.8	100.2	101.6
2011	554	98.3	99.6	98.0	98.2	99.0	100.5	101.6
2012	509	98.6	99.9	98.1	98.2	99.4	100.9	101.6
2013	577	98.8	100.7	98.3	97.8	100.0	100.0	101.9
2014	554	98.9	100.3	98.3	97.9	100.1	101.0	102.0
2015	675	98.3	99.2	97.9	97.8	99.4	101.8	102.2
2016	370	99.1	99.9	98.5	98.3	100.0	102.0	102.2
2017	79	99.4	100.4	98.5	98.6	100.5	102.0	102.5

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	395	96.6	98.2	96.6	98.2	98.0	97.8
1981	623	97.4	98.3	97.4	98.3	98.8	98.4
1982	2800	96.8	98.6	96.8	98.6	98.1	98.3
1983	5058	97.1	98.5	97.1	98.5	98.3	98.6
1984	5081	97.7	98.4	97.7	98.4	99.0	98.6
1985	6976	98.7	98.4	98.7	98.4	99.8	99.1
1986	14516	98.6	98.2	98.6	98.2	99.8	98.9
1987	20844	98.0	98.7	98.0	98.7	99.2	99.3
1988	20495	97.9	98.7	97.9	98.7	99.0	99.3
1989	32097	96.8	99.3	96.8	99.3	98.6	99.3
1990	37733	96.7	99.2	96.7	99.2	98.6	99.1
1991	38461	97.1	99.1	97.1	99.1	98.9	98.9
1992	35936	97.3	98.8	97.3	98.8	98.9	98.5
1993	44835	97.4	99.1	97.4	99.1	99.1	98.2
1994	40803	97.7	99.0	97.7	99.0	99.6	98.2
1995	42505	98.1	98.9	98.1	98.9	99.8	98.2
1996	35082	98.4	99.1	98.4	99.1	100.0	98.6
1997	26008	98.5	98.9	98.5	98.9	100.1	98.5
1998	16888	98.4	98.8	98.4	98.8	99.9	98.4
1999	12107	99.0	98.6	99.0	98.6	100.4	98.4
2000	8809	99.2	98.9	99.2	98.9	100.7	98.9
2001	6894	99.3	98.8	99.3	98.8	100.8	98.9
2002	5406	99.0	98.8	99.0	98.8	100.7	98.8
2003	4734	99.0	98.4	99.0	98.4	100.5	98.6
2004	4222	99.2	98.3	99.2	98.3	100.6	98.7
2005	3384	99.2	98.3	99.2	98.3	100.4	98.7
2006	3392	99.5	98.5	99.5	98.5	101.0	98.8
2007	3233	99.7	98.4	99.7	98.4	101.5	98.6
2008	3342	99.8	98.6	99.8	98.6	101.4	99.1
2009	2907	99.9	98.5	99.9	98.5	101.5	99.0
2010	2709	99.8	98.5	99.8	98.5	101.3	98.9
2011	2548	99.7	98.3	99.7	98.3	101.3	98.9
2012	2589	99.6	98.5	99.6	98.5	101.2	99.0
2013	2736	100.2	98.7	100.2	98.7	101.8	98.9
2014	2508	100.1	98.9	100.1	98.9	102.0	99.2
2015	3150	99.6	99.4	99.6	99.4	101.9	99.4
2016	2471	99.9	99.3	99.9	99.3	102.2	99.5
2017	1984	100.2	99.2	100.2	99.2	102.5	99.5
2018	1739	100.2	99.4	100.2	99.4	102.5	99.7
2019	1237	100.1	99.4	100.1	99.4	102.5	99.7

Tabel: 157 MRIJ - Holstein Friesian roodbont: Geboortekennmerken
 Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	471	96.5	103.8	104.6	82.7	83.6	84.6
1981	624	98.3	102.9	102.7	82.8	83.0	83.4
1982	2682	97.7	103.3	103.2	93.7	94.2	94.5
1983	5996	96.6	103.8	104.3	94.1	94.6	95.7
1984	5497	97.4	103.3	103.3	93.8	95.0	96.5
1985	6861	99.4	101.5	101.1	94.0	94.9	95.6
1986	13760	98.5	102.0	102.1	96.5	96.3	97.1
1987	18967	98.0	102.7	102.9	97.0	97.7	100.0
1988	17361	97.8	102.8	103.0	96.8	98.0	100.3
1989	22723	95.3	102.9	105.6	97.2	99.0	100.3
1990	23326	95.3	103.0	105.5	97.3	99.6	100.9
1991	22335	95.7	102.7	105.1	97.5	100.0	100.5
1992	20626	96.3	102.9	104.4	97.4	99.7	100.0
1993	20498	96.6	102.3	104.1	97.9	99.4	99.5
1994	18209	96.8	102.5	103.8	98.6	99.2	99.6
1995	17336	96.8	102.6	103.9	97.9	99.1	99.5
1996	14032	97.2	102.8	103.6	98.7	99.4	99.5
1997	9208	96.9	102.9	103.9	98.1	99.5	100.1
1998	5654	97.1	103.0	103.7	98.0	99.4	99.9
1999	4137	97.7	102.3	103.2	98.0	99.4	100.0
2000	3039	97.6	101.8	103.1	98.9	98.7	99.3
2001	2746	97.5	101.7	103.3	98.7	98.2	99.2
2002	1966	97.1	101.7	103.6	98.9	98.7	99.2
2003	1824	97.1	102.2	103.6	98.2	99.9	100.2
2004	1803	97.0	102.1	103.7	98.7	100.2	100.2
2005	1676	97.1	101.8	103.6	98.2	100.3	100.0
2006	1815	97.6	102.1	103.1	98.3	99.4	100.0
2007	2203	98.4	101.5	102.2	97.3	100.2	101.8
2008	2249	98.0	101.3	102.7	98.1	99.9	101.3
2009	1911	97.9	101.6	102.8	98.3	100.4	101.0
2010	1801	97.9	101.7	102.9	97.7	100.1	100.3
2011	1692	97.7	101.6	103.2	97.8	100.3	100.1
2012	1699	97.7	101.5	103.2	98.4	100.4	100.1
2013	1777	99.1	100.9	101.7	96.7	100.4	101.5
2014	1631	98.7	100.8	102.0	98.5	99.8	100.9
2015	2074	98.2	100.8	102.2	98.2	100.7	100.6
2016	1522	98.9	100.9	101.8	98.5	100.3	101.2
2017	1179	98.7	100.6	102.0	99.1	99.7	100.4
2018	1040	99.1	100.6	101.7	99.8	99.9	100.2
2019	731	98.9	100.8	101.9	99.8	99.6	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	533	102.1	98.4	99.6	98.7	99.5	98.7	102.8	99.1	102.5	97.9	101.0
1981	803	101.9	99.1	98.7	98.7	100.3	98.5	102.3	99.1	102.6	98.0	100.5
1982	3109	101.7	98.6	98.9	98.6	99.6	98.5	102.3	99.5	101.6	98.4	99.0
1983	5738	102.2	98.7	99.2	98.6	100.6	98.0	102.6	99.2	102.5	98.3	101.0
1984	5396	102.2	99.2	99.0	98.7	100.7	97.8	102.6	99.2	102.7	98.2	100.2
1985	7243	101.9	99.4	98.0	98.6	100.2	97.1	102.6	99.1	102.1	97.3	100.0
1986	14385	101.8	98.5	98.4	98.4	99.8	97.1	102.6	99.2	101.7	97.4	99.4
1987	20240	103.4	99.4	97.9	99.6	101.9	96.8	104.3	98.4	103.3	96.8	101.6
1988	19667	103.3	99.9	97.9	99.7	102.2	97.0	104.0	98.3	103.6	97.2	101.5
1989	30111	103.0	100.2	98.7	99.5	102.1	97.5	103.5	98.5	103.7	97.4	101.9
1990	34754	102.8	100.1	99.2	99.4	101.7	97.7	103.2	98.8	103.5	97.5	101.8

1991	33604	102.3	98.7	98.9	99.0	100.5	97.6	103.0	98.9	102.4	97.2	101.2
1992	34033	102.0	98.3	99.0	98.8	100.1	97.6	102.7	99.0	101.9	97.4	100.6
1993	38457	102.0	97.6	99.7	98.8	99.8	97.4	102.7	99.4	101.2	97.5	100.6
1994	34571	101.7	97.1	100.1	99.2	98.7	98.1	102.5	99.7	100.4	97.8	101.1
1995	32158	101.3	96.2	100.3	98.9	97.5	98.5	102.0	100.3	99.4	97.8	100.8
1996	29517	100.5	95.9	100.4	98.9	96.4	99.5	101.0	100.6	99.2	98.1	100.8
1997	24284	99.8	95.2	100.6	98.3	95.9	99.3	100.5	100.2	98.8	98.3	99.5
1998	14172	99.6	94.8	100.7	98.3	95.6	99.2	100.4	100.1	98.4	98.0	99.7
1999	11445	99.3	94.8	100.6	98.3	95.5	99.2	100.1	100.2	98.2	98.1	99.3
2000	7165	99.5	94.7	100.5	98.8	95.3	99.5	100.1	100.7	98.2	98.7	99.1
2001	5852	99.1	94.3	101.4	98.2	95.3	99.8	99.7	100.3	98.1	99.2	98.8
2002	5239	99.5	94.9	101.2	98.7	95.6	99.8	100.1	100.6	98.3	99.0	99.2
2003	4526	98.9	94.6	100.8	98.8	94.8	100.0	99.3	100.9	97.9	98.5	99.5
2004	3965	98.9	94.3	101.0	98.5	94.8	99.8	99.3	100.9	98.2	98.5	99.1
2005	3200	99.0	94.3	100.8	98.9	94.4	99.8	99.5	101.0	97.6	98.8	99.3
2006	3158	98.3	93.3	101.9	98.0	94.0	100.3	98.9	101.2	96.5	100.2	97.3
2007	2757	97.8	93.3	101.5	97.2	94.2	100.4	98.2	100.9	96.9	98.9	96.8
2008	2648	98.0	93.1	101.2	97.7	93.8	100.2	98.7	100.7	96.5	99.0	97.6
2009	2297	98.0	93.0	101.8	98.0	93.4	100.7	98.5	101.0	97.4	99.9	98.0
2010	1953	97.5	92.5	101.6	97.7	92.9	100.5	98.3	100.5	96.5	98.7	97.4
2011	1506	97.0	91.9	101.6	97.3	92.4	100.7	98.0	100.3	95.9	99.0	97.6
2012	1006	97.0	92.2	101.4	97.8	92.3	100.9	98.1	99.9	96.7	100.2	97.0
2013	936	96.8	91.6	101.3	97.3	92.2	100.9	98.1	99.4	96.8	100.0	96.8
2014	749	96.5	91.2	101.6	97.2	91.9	100.9	97.9	99.6	95.0	99.2	97.1
2015	806	96.1	91.3	101.2	97.4	91.5	101.4	97.2	99.8	95.3	99.4	96.9
2016	515	96.5	91.1	101.7	97.2	91.8	100.8	97.9	99.4	95.4	99.2	96.9
2017	147	96.5	90.9	101.6	97.3	91.7	100.6	98.1	99.3	94.7	99.2	96.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	393	101.0	98.8	100.7
1981	626	102.3	99.8	101.1
1982	2804	100.9	98.7	101.3
1983	5114	101.0	98.8	101.2
1984	5147	100.7	98.4	101.3
1985	7088	101.1	98.6	102.1
1986	14784	101.2	98.6	101.9
1987	21262	100.9	98.2	101.6
1988	20988	100.8	98.2	101.7
1989	33099	99.7	97.9	101.3
1990	38965	99.3	97.6	101.3
1991	38385	99.4	97.6	101.3
1992	34909	99.2	97.5	101.3
1993	47619	99.0	97.4	101.5
1994	51016	99.5	97.8	101.5
1995	48667	100.0	98.2	101.5
1996	40855	100.2	98.4	101.1
1997	31034	100.6	98.6	101.0
1998	20600	100.5	98.5	101.0
1999	14861	100.9	98.9	101.3
2000	10558	100.5	98.8	101.3
2001	8073	100.8	98.9	101.1
2002	6420	101.4	99.3	101.0
2003	5683	101.6	99.4	100.8
2004	4949	101.6	99.3	100.6
2005	3950	101.6	99.4	100.8
2006	3919	101.9	99.5	100.8
2007	3704	102.6	100.1	101.4

2008	3836	102.4	99.8	101.2
2009	3327	102.2	99.5	100.7
2010	3102	102.4	99.8	100.7
2011	2916	102.6	100.1	100.3
2012	2906	102.8	100.2	100.2
2013	3060	102.8	100.2	100.3
2014	2785	102.8	100.1	100.3
2015	3530	103.4	100.5	99.9
2016	2829	103.4	100.6	100.1
2017	2355	103.5	100.8	100.4
2018	2047	103.4	100.8	100.3
2019	1422	103.8	101.1	100.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	4279	-1116.9	-3348.2	-194.5	-161.6
2002	2991	-761.2	-2038.1	-130.3	-112.1
2003	2731	-608.3	-1482.5	-105.3	-89.5
2004	2479	-270.1	-209.6	-44.3	-42.5
2005	2102	-265.3	-133.8	-49.1	-39.1
2006	2305	329.3	2248.9	49.5	47.5
2007	2316	495.7	2830.9	83.4	68.8
2008	2406	425.7	2520.9	70.9	59.1
2009	1908	582.5	3116.7	95.7	82.7
2010	1812	901.6	4502.0	148.5	128.9
2011	1760	1086.4	5168.2	181.1	155.1
2012	1828	1258.8	5853.6	212.3	178.8
2013	2078	1365.7	6187.8	224.7	197.4
2014	1842	1686.0	7522.6	280.5	242.6
2015	2077	1795.9	8038.6	306.5	254.4
2016	1417	1973.4	8643.0	333.3	281.9
2017	614	2179.9	9496.3	366.7	312.3

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

Jaar	Aantal	Eff	Int	Gewen
1980	63	99.5	103.9	100.3
1981	80	98.4	104.8	99.7
1982	350	98.1	104.0	100.3
1983	493	99.9	103.0	100.1
1984	354	97.9	103.7	99.9
1985	532	97.0	104.8	99.2
1986	836	97.4	104.4	99.5
1987	1639	98.3	103.2	99.1
1988	1337	98.1	102.9	99.1
1989	1972	99.3	99.7	99.4
1990	1755	99.2	99.7	99.4
1991	1591	99.5	100.8	99.6
1992	1410	99.4	101.3	99.7
1993	1638	99.8	101.8	99.4
1994	1516	99.4	101.1	99.8
1995	1554	99.7	100.7	99.8
1996	1322	99.9	101.1	100.0

1997	897	99.4	101.5	100.0
1998	572	99.2	101.7	99.7
1999	384	99.0	101.6	99.9
2000	257	98.8	101.8	99.9
2001	317	99.1	102.6	99.4
2002	207	99.1	103.0	99.6
2003	213	99.2	103.7	99.6
2004	220	99.3	103.6	99.7
2005	192	99.6	104.1	99.4
2006	251	99.9	104.2	99.7
2007	310	99.8	104.3	99.6
2008	330	100.2	104.2	99.7
2009	293	99.8	103.9	99.3
2010	309	99.5	104.2	99.8
2011	350	99.4	105.6	99.3
2012	304	99.6	106.6	99.4
2013	334	99.9	107.3	99.6
2014	372	100.0	108.4	99.3
2015	481	101.4	109.4	99.7
2016	288	100.7	110.2	99.4
2017	155	101.6	110.8	98.9

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	636	96.0	100.5	2	-3.0	0	0.0
1981	828	95.1	100.2	7	-2.3	0	0.0
1982	4079	95.6	100.3	11	-2.3	0	0.0
1983	7396	96.1	100.6	14	-2.6	0	0.0
1984	7744	96.2	100.5	14	-1.8	0	0.0
1985	11158	95.3	100.4	13332	-3.3	0	0.0
1986	22229	95.6	100.4	24918	-3.2	0	0.0
1987	32108	95.2	100.3	34301	-2.9	0	0.0
1988	34083	95.6	100.2	34780	-2.8	0	0.0
1989	50366	96.5	100.1	50684	-2.5	0	0.0
1990	50986	96.8	100.0	51232	-2.4	0	0.0
1991	41803	96.1	99.8	42234	-2.3	0	0.0
1992	36174	96.1	99.8	36706	-2.2	0	0.0
1993	38966	96.4	100.2	39001	-1.9	0	0.0
1994	33545	96.2	100.3	33559	-1.5	0	0.0
1995	30694	95.6	99.7	30706	-1.3	0	0.0
1996	23492	95.5	99.6	23494	-1.1	0	0.0
1997	16372	96.2	99.4	16373	-1.0	0	0.0
1998	10207	96.3	99.6	10210	-0.9	0	0.0
1999	6946	96.3	99.6	6949	-0.8	0	0.0
2000	4915	96.6	99.5	4920	-0.7	0	0.0
2001	4275	97.4	99.5	4278	-0.5	1469	95.5
2002	2993	97.2	99.5	2998	-0.3	998	95.8
2003	2731	97.5	99.7	2736	-0.0	945	96.8
2004	2473	97.6	99.9	2477	0.1	898	97.0
2005	2090	97.3	99.7	2092	0.2	709	97.4
2006	2291	98.3	99.9	2294	0.3	749	96.8
2007	2309	98.3	100.2	2312	0.4	779	96.9
2008	2398	98.3	100.0	2399	0.6	882	97.6
2009	1900	98.7	100.2	1901	0.6	751	97.8
2010	1793	98.4	100.3	1796	0.7	728	97.9
2011	1725	99.0	100.3	1729	0.9	699	98.0
2012	1812	99.0	100.6	1816	1.1	641	98.3
2013	2047	98.9	100.7	2055	1.0	698	97.9

2014	1810	99.4	100.5	1818	1.2	676	98.1
2015	2045	99.9	100.2	2062	1.2	805	98.0
2016	1366	99.9	100.4	1393	1.3	515	98.3
2017	586	100.0	100.0	629	1.6	148	98.1
2018	0	0.0	0.0	31	1.5	0	0.0
2019	0	0.0	0.0	13	1.1	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	80	-3422.5	-62.3	-97.1	-156.2	201.5	57.8	-0.7	-575.7
1981	105	-3581.2	-68.2	-101.9	-163.4	210.2	61.4	-0.7	-610.1
1982	131	-3612.4	-61.2	-100.7	-164.8	226.3	65.9	-0.8	-590.9
1983	126	-3544.9	-61.7	-99.2	-161.7	217.6	63.7	-0.7	-584.8
1984	225	-3646.9	-63.5	-103.4	-166.4	228.2	63.4	-0.8	-607.4
1985	218	-3672.0	-66.6	-104.9	-167.5	225.2	62.4	-0.8	-620.4
1986	284	-3504.6	-63.3	-99.5	-159.9	208.4	59.3	-0.7	-588.9
1987	365	-3560.9	-63.5	-99.9	-162.5	215.3	63.5	-0.7	-591.8
1988	419	-3558.1	-63.9	-100.1	-162.3	214.9	63.0	-0.8	-593.2
1989	289	-3418.3	-60.9	-95.5	-156.0	201.5	60.3	-0.7	-566.3
1990	431	-3457.0	-61.8	-96.8	-157.7	204.0	60.7	-0.7	-574.2
1991	205	-3247.0	-56.7	-91.5	-148.2	189.0	54.1	-0.7	-538.8
1992	292	-3091.2	-58.1	-86.7	-141.0	166.7	51.0	-0.6	-519.9
1993	216	-2823.2	-51.6	-78.8	-128.8	147.1	44.8	-0.5	-470.3
1994	243	-2737.5	-46.7	-74.5	-124.9	147.6	46.6	-0.6	-440.9
1995	232	-2728.8	-46.2	-74.7	-124.5	145.6	44.8	-0.5	-440.9
1996	237	-2708.3	-46.3	-73.4	-123.6	144.0	46.3	-0.5	-435.1
1997	278	-2710.1	-45.4	-73.2	-123.7	144.1	46.2	-0.5	-432.5
1998	268	-2546.9	-43.3	-68.8	-116.2	130.7	42.1	-0.4	-408.1
1999	351	-2414.2	-33.6	-62.7	-110.2	133.4	43.2	-0.4	-360.7
2000	306	-2279.7	-29.0	-58.6	-104.0	127.5	41.0	-0.4	-332.3
2001	300	-2304.1	-27.6	-57.3	-100.2	132.4	44.6	8.6	-323.1
2002	352	-2245.2	-26.4	-55.2	-98.2	128.5	44.5	7.4	-311.2
2003	401	-2233.4	-24.0	-54.9	-98.7	130.9	43.9	5.3	-304.9
2004	498	-2009.4	-20.4	-47.3	-89.4	115.6	41.4	3.6	-263.5
2005	531	-2041.1	-18.9	-46.9	-91.2	120.8	44.0	2.9	-259.5
2006	685	-2026.7	-15.6	-47.2	-91.3	124.6	42.6	1.7	-253.5
2007	741	-1961.8	-11.0	-42.9	-88.9	125.9	45.3	0.6	-225.7
2008	816	-1936.0	-12.4	-43.6	-87.6	121.1	42.4	1.0	-231.1
2009	998	-2014.0	-13.0	-44.5	-91.5	127.1	46.0	0.3	-237.2
2010	948	-1905.1	-9.2	-41.5	-86.8	123.2	43.8	-0.1	-215.4
2011	1100	-1904.6	-7.1	-41.0	-86.8	126.5	44.6	-0.2	-209.1
2012	995	-1975.2	-7.1	-41.4	-90.2	133.3	48.7	-0.5	-211.9
2013	1599	-2007.3	-4.8	-41.3	-93.1	140.2	51.1	-2.9	-207.5
2014	1118	-1988.6	-2.7	-40.5	-93.1	141.9	51.2	-4.0	-199.8
2015	878	-1899.5	0.3	-36.2	-90.1	138.4	52.1	-5.8	-174.8
2016	857	-1844.3	3.5	-35.1	-87.9	138.4	50.5	-6.2	-162.8
2017	615	-1794.1	2.9	-32.7	-86.3	132.5	50.9	-7.1	-154.0

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	30	71.5	81.8	84.4	90.1	91.3	94.6	79.7

1981	24	70.5	81.8	83.9	89.5	91.4	94.5	79.3
1982	48	69.0	81.0	83.4	89.4	91.2	94.0	77.8
1983	41	69.4	81.6	83.8	89.4	91.6	93.4	78.0
1984	57	68.7	81.3	83.2	89.0	91.3	93.4	77.8
1985	21	69.9	81.5	83.8	89.2	91.1	92.7	79.2
1986	28	70.3	81.2	84.0	89.8	90.2	92.2	79.2
1987	30	70.1	81.2	84.4	90.5	90.4	93.8	79.4
1988	37	71.9	81.1	85.1	91.4	89.8	94.1	80.5
1989	28	72.2	81.7	85.3	91.4	90.0	93.7	80.8
1990	30	71.2	81.6	85.3	91.4	90.4	93.3	79.9
1991	31	72.4	82.0	85.4	91.3	90.6	93.3	79.7
1992	29	72.6	81.3	85.4	91.7	89.3	93.6	80.2
1993	30	72.0	81.5	85.4	91.6	90.2	94.6	80.3
1994	28	72.1	81.5	85.4	91.7	90.6	94.2	80.4
1995	30	71.9	81.5	85.2	91.5	90.5	93.9	80.3
1996	19	70.4	81.6	85.4	91.7	90.5	93.4	79.6
1997	13	72.2	81.6	85.1	91.4	90.1	93.3	80.4
1998	24	72.0	81.8	85.8	92.0	90.6	94.3	81.3
1999	25	72.5	82.4	86.8	93.4	90.2	96.2	81.0
2000	31	71.9	81.9	85.8	92.4	90.5	95.8	80.7
2001	22	72.6	81.9	86.2	92.6	90.0	95.4	80.9
2002	33	72.6	82.2	86.3	92.7	90.1	95.4	81.8
2003	27	72.7	82.8	86.6	92.6	90.9	95.2	81.7
2004	30	73.0	82.4	87.0	93.4	90.3	95.4	82.2
2005	40	71.9	81.5	85.8	92.1	90.5	94.8	80.6
2006	28	72.4	81.8	85.5	91.7	90.3	94.0	81.5
2007	28	72.1	83.0	86.8	92.7	91.5	95.2	81.8
2008	30	71.9	83.2	86.8	92.6	91.0	95.0	82.1
2009	11	72.5	82.7	87.2	93.5	90.5	96.1	81.9
2010	35	72.3	82.7	87.0	93.2	90.7	96.1	82.2
2011	21	72.7	83.3	87.0	93.3	91.4	96.4	83.0
2012	30	71.4	83.1	87.0	93.1	91.3	95.8	81.8
2013	17	72.8	84.4	87.2	93.1	92.1	95.4	83.2
2014	18	71.8	83.8	87.4	93.4	91.6	95.9	82.9
2015	22	72.0	85.0	88.5	94.5	92.0	96.5	84.1
2016	24	71.9	84.0	87.5	93.6	91.3	95.8	83.8
2017	27	72.0	84.7	88.9	94.7	91.5	97.5	84.1

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

Jaar	Aantal	BA	BZ	KH	BG
1980	30	104.1	103.9	91.7	107.7
1981	24	104.0	103.8	91.8	107.4
1982	48	104.4	103.8	91.9	107.9
1983	41	105.0	104.0	91.7	108.4
1984	57	104.4	104.8	90.8	107.8
1985	21	104.0	103.8	91.0	107.1
1986	28	105.7	103.8	90.1	108.8
1987	30	106.1	103.9	90.7	109.1
1988	37	106.0	104.3	89.8	109.1
1989	28	106.2	104.2	89.7	109.2
1990	30	106.2	104.1	90.0	109.3
1991	31	105.7	103.9	89.7	108.5
1992	29	108.2	103.6	90.2	111.0
1993	30	108.1	104.0	90.5	111.2
1994	28	107.5	103.5	91.1	110.8
1995	30	107.5	103.6	90.5	110.6
1996	19	106.3	103.4	90.9	109.1
1997	13	107.4	103.2	90.0	110.3

1998	24	107.2	103.3	91.0	110.2
1999	25	109.2	104.4	90.6	112.2
2000	31	108.5	103.9	90.6	111.6
2001	22	108.5	104.0	90.6	111.6
2002	33	108.1	104.3	90.7	111.1
2003	27	107.3	104.4	90.9	110.4
2004	30	108.7	103.7	91.4	111.7
2005	40	108.5	104.6	90.5	111.3
2006	28	108.2	103.9	90.5	110.9
2007	28	108.1	103.9	91.3	110.9
2008	30	107.8	103.9	90.9	110.8
2009	11	108.6	104.5	90.4	111.6
2010	35	108.5	104.3	90.7	111.3
2011	21	108.6	103.5	91.3	111.4
2012	30	108.4	104.9	90.3	111.2
2013	17	107.6	104.1	91.0	110.5
2014	18	108.5	103.9	91.1	111.6
2015	22	108.6	105.1	90.4	111.6
2016	24	108.4	104.0	90.4	111.4
2017	27	108.4	105.1	90.5	111.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	30	93.0	92.0	104.3	90.3	93.9	93.9	93.5
1981	24	93.6	92.5	103.6	91.3	93.7	94.5	94.2
1982	48	92.8	92.1	103.5	90.7	93.5	94.4	93.9
1983	41	92.8	91.8	103.9	90.3	94.1	94.5	93.9
1984	57	93.3	91.6	104.2	90.7	94.1	94.1	93.8
1985	21	93.2	93.1	102.7	90.3	93.6	93.9	94.2
1986	28	94.4	93.2	104.4	90.3	95.2	94.2	93.9
1987	30	93.2	94.2	103.6	89.6	95.0	95.4	95.1
1988	37	94.2	93.8	104.1	90.3	96.1	95.1	94.8
1989	28	93.4	93.1	104.3	89.4	95.7	95.2	94.7
1990	30	93.4	93.2	104.1	89.2	95.6	95.2	94.8
1991	31	94.5	93.7	104.2	90.4	96.3	95.7	95.4
1992	29	94.1	95.6	104.2	89.1	96.8	96.7	96.2
1993	30	94.8	95.9	105.1	90.0	97.2	96.9	96.9
1994	28	95.0	95.0	105.1	90.1	97.3	96.3	95.6
1995	30	94.4	95.5	104.7	89.4	96.6	96.1	95.6
1996	19	94.5	94.1	104.3	90.1	96.4	95.2	94.7
1997	13	95.2	95.1	104.2	90.2	97.2	96.0	95.5
1998	24	94.9	95.8	105.5	89.9	97.1	96.3	95.8
1999	25	96.0	96.9	104.5	90.8	98.1	96.5	97.1
2000	31	95.2	96.2	104.6	90.1	97.2	96.8	97.0
2001	22	95.2	96.7	104.6	90.4	97.4	97.1	97.3
2002	33	94.5	95.9	104.9	89.8	96.8	96.0	96.2
2003	27	95.4	95.7	104.7	91.0	97.7	95.9	96.0
2004	30	96.7	96.6	105.4	91.3	98.9	97.3	97.4
2005	40	96.3	95.8	104.8	91.2	98.4	96.9	96.8
2006	28	96.6	95.8	104.3	91.5	98.1	96.7	96.5
2007	28	96.8	96.4	104.9	92.0	98.0	96.4	96.6
2008	30	97.0	96.2	104.8	92.7	98.3	96.2	96.6
2009	11	96.8	96.7	105.2	91.5	98.7	96.9	97.4
2010	35	97.3	96.5	104.6	92.5	98.8	96.5	96.8
2011	21	97.1	96.7	104.0	92.2	98.6	96.6	96.9
2012	30	98.4	96.6	104.0	93.8	99.4	96.4	96.8
2013	17	98.5	96.6	105.3	94.2	98.8	95.8	96.0
2014	18	98.1	96.3	104.4	93.8	98.8	96.4	96.8

2015	22	99.6	97.9	104.6	94.7	99.4	96.0	96.8
2016	24	99.5	97.0	104.6	94.5	100.9	97.6	97.7
2017	27	98.4	97.9	104.4	93.4	98.8	96.9	97.7

Tabel: 167 Jersey: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	30	75.1	77.6	90.7	105.4	0.0	87.1
1981	24	74.8	77.3	91.3	105.1	0.0	87.1
1982	48	73.3	76.7	90.6	105.6	0.0	86.6
1983	41	73.3	77.1	90.7	106.1	0.0	86.9
1984	57	73.0	76.5	90.9	105.2	0.0	86.3
1985	21	73.6	76.9	90.6	104.7	0.0	86.0
1986	28	73.3	76.6	91.8	106.2	0.0	87.4
1987	30	74.4	77.1	91.2	106.8	0.0	87.7
1988	37	75.2	77.6	92.0	106.5	0.0	88.5
1989	28	75.5	77.8	91.3	106.6	0.0	88.2
1990	30	74.9	77.7	91.2	106.8	0.0	88.1
1991	31	74.9	77.9	92.4	106.1	0.0	88.4
1992	29	75.1	77.5	92.1	108.7	0.0	89.6
1993	30	75.6	77.9	92.8	108.9	0.0	90.2
1994	28	75.5	78.3	93.1	108.6	0.0	90.2
1995	30	75.2	78.0	92.3	108.3	0.0	89.6
1996	19	74.8	77.9	92.4	106.9	0.0	88.7
1997	13	75.0	77.8	93.0	107.8	0.0	89.6
1998	24	76.3	78.8	92.8	108.0	0.0	90.1
1999	25	77.8	79.2	93.8	109.9	0.0	92.1
2000	31	76.8	78.8	92.9	109.4	0.0	91.1
2001	22	76.8	78.5	93.1	109.3	0.0	91.0
2002	33	77.5	78.9	92.3	108.8	0.0	90.7
2003	27	77.6	79.3	93.4	108.1	0.0	91.0
2004	30	78.0	79.7	94.6	109.6	0.0	92.6
2005	40	76.1	78.7	94.2	108.8	0.0	91.2
2006	28	76.1	78.5	94.4	108.6	0.0	91.2
2007	28	77.9	80.0	94.6	108.8	0.0	92.0
2008	30	77.9	79.5	94.9	108.6	0.0	92.1
2009	11	78.3	80.2	94.5	109.2	0.0	92.3
2010	35	78.3	79.8	95.4	109.2	0.0	92.9
2011	21	79.1	80.4	95.0	109.4	0.0	93.2
2012	30	78.2	80.3	96.3	108.7	0.0	93.2
2013	17	79.3	80.7	96.3	108.2	0.0	93.3
2014	18	79.2	80.8	95.9	109.3	0.0	93.6
2015	22	80.9	82.3	96.9	109.2	0.0	94.9
2016	24	79.7	81.0	97.7	109.1	0.0	94.8
2017	27	81.5	82.3	95.9	108.9	0.0	94.4

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	129	102.8	106.4	104.3	106.3	104.0	96.4	81.3	105.6
1981	189	102.7	106.6	104.4	106.4	104.0	96.2	81.2	105.7
1982	253	102.7	106.8	104.4	106.5	104.1	95.8	79.6	105.7
1983	246	102.5	106.7	104.3	106.3	104.2	95.8	79.4	105.6
1984	342	102.7	106.8	104.5	106.4	104.1	96.0	79.9	105.7

1985	279	102.6	107.0	104.8	106.7	104.3	96.4	80.4	105.9
1986	357	102.7	106.6	104.6	106.4	104.3	96.3	80.9	105.7
1987	405	102.6	106.6	104.7	106.4	103.9	96.2	82.6	105.8
1988	460	102.1	106.7	104.6	106.2	103.4	95.9	83.5	105.6
1989	325	102.9	106.2	104.8	106.2	104.3	96.0	81.8	105.7
1990	463	102.9	106.2	104.7	106.1	104.0	95.6	82.1	105.6
1991	234	102.9	105.3	104.1	105.2	103.9	96.2	81.5	104.9
1992	313	102.3	105.3	104.1	105.1	103.5	96.6	83.9	104.8
1993	229	102.3	104.3	103.6	104.3	103.4	97.3	84.7	104.2
1994	270	102.4	104.4	103.8	104.5	103.4	97.3	85.4	104.4
1995	241	101.8	104.0	103.2	103.9	102.8	97.3	86.0	103.8
1996	260	102.2	104.2	103.6	104.2	103.1	97.3	86.1	104.2
1997	288	102.0	104.5	103.7	104.4	102.9	97.1	86.6	104.2
1998	303	101.8	104.5	103.7	104.3	103.0	97.0	86.8	104.2
1999	400	102.0	103.2	103.2	103.3	102.7	96.8	87.3	103.5
2000	355	101.6	103.0	102.9	102.9	102.4	96.8	87.9	103.1
2001	347	101.4	103.5	103.0	103.3	102.4	96.8	88.2	103.4
2002	363	101.2	103.4	102.8	103.1	101.9	96.3	88.4	103.2
2003	415	101.3	103.3	102.8	103.1	101.9	96.2	88.4	103.2
2004	505	101.3	103.7	103.3	103.4	101.9	95.5	88.6	103.6
2005	543	101.2	103.8	103.3	103.4	101.9	95.2	88.3	103.5
2006	692	101.2	104.0	103.4	103.6	102.0	95.1	88.4	103.7
2007	719	101.1	104.1	103.7	103.7	101.9	95.1	88.9	103.9
2008	789	101.0	103.8	103.5	103.4	101.7	95.2	89.1	103.7
2009	992	100.8	104.0	103.3	103.7	101.7	95.1	89.9	103.7
2010	949	101.1	104.4	103.8	104.2	102.4	95.4	89.5	104.2
2011	1150	101.1	104.5	104.0	104.4	102.7	95.6	90.1	104.4
2012	1032	100.9	104.5	103.8	104.3	102.5	95.2	90.0	104.2
2013	1676	101.5	104.0	103.9	104.0	103.0	95.2	88.8	104.2
2014	1219	101.3	104.4	104.1	104.4	103.2	95.4	89.3	104.5
2015	1000	101.2	104.1	103.9	104.2	103.2	95.7	90.2	104.3
2016	1021	101.3	104.1	104.0	104.2	103.2	95.7	90.0	104.4
2017	778	101.2	104.3	104.1	104.4	103.3	95.9	91.0	104.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1986	20	100.3	76.2	99.7	100.0	99.9
1987	27	101.3	68.4	99.5	100.2	100.3
1988	24	100.8	76.4	99.9	100.5	100.5
1989	18	100.2	78.8	100.1	100.3	99.6
1990	19	100.1	84.2	100.6	101.0	100.0
1991	19	99.9	80.4	99.7	99.8	99.3
1992	23	100.8	97.5	98.9	99.2	99.2
1993	28	101.0	80.1	98.4	98.4	98.8
1994	26	100.5	77.8	98.5	98.6	98.9
1995	23	100.3	70.2	98.4	98.3	98.7
1996	13	100.1	62.1	98.8	98.8	99.3
1997	19	99.7	79.3	98.5	98.6	99.1
1998	17	100.5	71.2	98.1	97.9	98.6
1999	30	102.9	85.8	98.0	97.9	98.6
2000	29	102.5	99.2	97.9	97.5	98.2
2001	16	103.6	90.2	98.3	97.5	98.3
2002	23	101.7	66.2	98.6	98.0	98.5
2003	13	101.8	70.4	98.9	98.2	98.5
2004	27	101.9	53.1	99.5	99.3	99.3
2005	41	101.9	50.2	99.6	99.2	99.3
2006	27	101.1	42.2	99.8	99.5	99.6
2007	21	101.7	34.3	99.5	99.6	99.6

2008	15	102.0	27.6	100.2	99.2	99.5
2010	24	101.9	42.8	99.9	99.0	98.7
2011	17	101.5	60.3	100.3	99.4	98.9
2012	21	102.3	88.7	100.0	99.2	98.6
2013	10	101.9	72.5	100.8	99.6	98.9
2014	10	102.2	62.1	100.6	99.4	98.8
2015	17	101.8	73.4	100.3	99.0	98.3
2016	22	102.7	103.0	100.6	99.4	98.7
2017	17	101.4	60.6	100.4	99.1	98.3

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	71	-203.9	-575.7	-215.6	100.2	105.6	90.7	105.4	100.3
1981	93	-218.8	-610.1	-237.9	100.8	105.7	91.3	105.1	100.9
1982	121	-208.7	-590.9	-272.5	100.9	105.7	90.6	105.6	100.9
1983	111	-213.3	-584.8	-296.2	100.2	105.6	90.7	106.1	100.3
1984	208	-228.6	-607.4	-407.1	100.2	105.7	90.9	105.2	100.8
1985	197	-146.4	-620.4	-450.0	100.1	105.9	90.6	104.7	100.3
1986	255	-146.3	-588.9	-485.7	99.9	105.7	91.8	106.2	99.9
1987	352	-146.3	-591.8	-409.8	100.3	105.8	91.2	106.8	100.0
1988	407	-155.9	-593.2	-381.6	100.6	105.6	92.0	106.5	100.3
1989	285	-134.3	-566.3	-338.3	99.9	105.7	91.3	106.6	100.2
1990	425	-131.2	-574.2	-331.1	100.4	105.6	91.2	106.8	100.1
1991	205	-112.0	-538.8	-244.2	99.5	104.9	92.4	106.1	99.5
1992	289	-110.4	-519.9	-234.4	99.0	104.8	92.1	108.7	99.6
1993	215	-93.7	-470.3	-206.8	98.4	104.2	92.8	108.9	98.8
1994	242	-77.7	-440.9	-128.6	98.6	104.4	93.1	108.6	99.0
1995	229	-77.9	-440.9	-128.8	98.4	103.8	92.3	108.3	99.2
1996	236	-74.6	-435.1	-127.1	99.0	104.2	92.4	106.9	99.3
1997	277	-74.7	-432.5	-137.7	98.8	104.2	93.0	107.8	99.7
1998	268	-68.6	-408.1	-157.6	98.1	104.2	92.8	108.0	99.8
1999	351	-49.4	-360.7	-109.1	98.1	103.5	93.8	109.9	100.0
2000	306	-36.6	-332.3	-93.4	97.7	103.1	92.9	109.4	100.2
2001	297	-32.0	-323.1	-107.9	97.8	103.4	93.1	109.3	100.3
2002	351	-28.4	-311.2	-117.7	98.1	103.2	92.3	108.8	100.3
2003	398	-18.3	-304.9	-41.7	98.2	103.2	93.4	108.1	100.4
2004	498	15.5	-263.5	62.7	99.2	103.6	94.6	109.6	99.8
2005	531	28.4	-259.5	142.2	99.2	103.5	94.2	108.8	99.5
2006	685	39.9	-253.5	191.4	99.5	103.7	94.4	108.6	99.6
2007	739	50.7	-225.7	198.7	99.5	103.9	94.6	108.8	100.0
2008	815	40.9	-231.1	179.3	99.3	103.7	94.9	108.6	100.0
2009	996	32.5	-237.2	189.5	98.3	103.7	94.5	109.2	99.7
2010	945	56.9	-215.4	238.2	98.7	104.2	95.4	109.2	100.8
2011	1098	67.7	-209.1	281.0	99.0	104.4	95.0	109.4	101.0
2012	995	66.5	-211.9	280.6	98.7	104.2	96.3	108.7	101.2
2013	1597	71.4	-207.5	299.8	99.1	104.2	96.3	108.2	100.9
2014	1118	74.6	-199.8	287.5	98.9	104.5	95.9	109.3	100.9
2015	877	81.6	-174.8	296.1	98.4	104.3	96.9	109.2	101.7
2016	857	87.7	-162.8	330.5	98.8	104.4	97.7	109.1	101.7
2017	614	88.8	-154.0	324.3	98.4	104.5	95.9	108.9	102.1

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
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2004	15	108.7	110.0	105.4	104.9	102.2	105.8	99.2
2005	11	106.5	109.1	104.0	103.4	101.1	103.3	98.4
2006	17	110.3	110.8	107.1	107.2	101.4	106.7	98.2
2010	10	110.3	111.4	106.9	105.8	102.5	107.1	99.0
2011	14	109.9	111.1	107.0	105.5	102.1	107.4	98.6
2012	29	109.9	111.3	106.5	105.8	102.2	106.8	98.9
2013	130	109.8	111.4	106.4	105.2	102.7	106.2	99.2
2014	116	110.6	111.7	107.0	105.9	103.0	107.0	99.2
2016	27	110.3	111.1	107.2	106.0	102.3	107.3	99.0

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	17	99.1	99.1	99.1	99.1	91.4	104.2
1981	15	99.4	99.5	99.4	99.5	91.7	104.7
1982	27	99.6	99.7	99.6	99.7	91.5	104.7
1983	28	98.9	99.1	98.9	99.1	91.2	104.3
1984	47	99.1	99.6	99.1	99.6	91.4	104.4
1985	31	99.0	98.9	99.0	98.9	91.2	104.3
1986	64	98.5	99.8	98.5	99.8	91.2	104.6
1987	96	97.8	100.1	97.8	100.1	90.2	104.2
1988	119	99.0	99.5	99.0	99.5	91.6	105.1
1989	118	98.9	99.2	98.9	99.2	91.8	105.4
1990	155	99.0	99.0	99.0	99.0	91.9	105.4
1991	126	97.9	99.1	97.9	99.1	90.7	104.3
1992	130	97.5	99.6	97.5	99.6	90.3	105.1
1993	190	96.9	99.1	96.9	99.1	89.7	104.5
1994	218	97.2	99.5	97.2	99.5	90.0	104.4
1995	212	97.3	99.5	97.3	99.5	90.2	104.5
1996	193	97.5	99.4	97.5	99.4	90.1	104.7
1997	184	97.9	99.8	97.9	99.8	90.9	104.8
1998	237	98.4	99.8	98.4	99.8	91.1	104.4
1999	308	98.0	100.1	98.0	100.1	90.6	105.1
2000	295	98.0	100.3	98.0	100.3	90.7	105.3
2001	299	98.4	100.2	98.4	100.2	91.2	105.2
2002	315	98.5	100.1	98.5	100.1	91.2	105.0
2003	369	98.6	100.2	98.6	100.2	91.6	105.3
2004	417	98.2	99.9	98.2	99.9	91.0	105.2
2005	434	98.2	99.4	98.2	99.4	90.8	105.2
2006	495	98.3	99.2	98.3	99.2	90.8	105.1
2007	543	98.2	99.8	98.2	99.8	90.7	105.5
2008	570	97.8	99.5	97.8	99.5	90.5	104.6
2009	632	97.6	100.0	97.6	100.0	90.4	105.4
2010	606	98.5	100.7	98.5	100.7	90.8	106.1
2011	672	98.7	100.8	98.7	100.8	90.9	106.3
2012	693	99.0	100.7	99.0	100.7	91.2	106.3
2013	1017	98.9	100.1	98.9	100.1	91.1	106.0
2014	729	98.7	100.5	98.7	100.5	90.9	106.4
2015	751	99.4	101.2	99.4	101.2	92.4	106.7
2016	752	99.3	99.4	99.3	99.4	92.2	104.7
2017	684	99.6	100.8	99.6	100.8	92.6	106.0
2018	787	99.4	88.8	99.4	88.8	92.2	93.3
2019	619	99.4	80.1	99.4	80.1	92.2	84.2

Tabel: 173 Jersey: Geboortekenmerken
Basis: Melkdoel rood

Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	17	123.1	106.1	62.4	54.2	52.5	51.2
1981	18	123.6	106.2	61.7	46.0	44.5	43.7
1982	33	123.3	106.3	62.3	33.5	32.4	31.8
1983	31	122.2	105.6	63.6	14.8	14.3	14.1
1984	40	123.9	105.8	61.6	46.0	44.5	43.4
1985	37	122.4	105.5	63.5	25.3	23.9	23.4
1986	40	120.8	105.3	66.2	33.1	31.5	30.2
1987	61	119.5	105.7	67.0	30.8	29.4	28.2
1988	60	119.4	104.5	67.9	25.6	23.9	22.9
1989	63	120.5	105.0	66.2	24.2	22.6	21.9
1990	73	120.8	105.1	65.4	26.2	24.2	23.7
1991	56	120.3	105.4	66.4	32.3	30.1	29.2
1992	66	120.5	104.8	66.7	58.5	53.8	51.3
1993	72	120.3	104.7	66.9	54.9	50.5	48.3
1994	98	119.9	105.3	67.1	54.9	50.5	49.1
1995	88	119.2	105.2	68.0	42.6	39.4	38.2
1996	72	119.9	105.2	67.3	59.7	55.2	53.6
1997	81	118.7	105.1	68.5	56.8	52.6	51.0
1998	117	118.0	105.6	68.4	59.3	55.0	54.4
1999	147	118.2	105.3	68.7	76.2	70.8	67.8
2000	141	119.0	104.7	68.1	69.8	64.7	62.7
2001	147	118.8	105.1	68.3	70.7	66.0	64.0
2002	153	117.8	104.9	69.2	62.3	58.1	56.6
2003	205	117.5	105.1	69.0	62.2	58.1	57.4
2004	288	117.5	106.0	68.6	67.0	63.1	62.4
2005	294	118.2	106.1	67.6	77.6	73.5	72.7
2006	344	118.5	105.8	67.2	76.1	72.0	70.7
2007	403	117.6	106.4	68.1	81.7	77.7	76.6
2008	455	116.8	106.3	69.2	78.6	74.5	73.4
2009	586	116.5	106.5	69.4	72.5	68.7	67.6
2010	486	117.0	106.0	68.8	73.5	69.5	67.8
2011	647	117.2	105.9	68.6	79.1	74.7	72.7
2012	607	116.6	106.0	69.1	79.0	74.6	72.3
2013	810	116.4	106.1	69.2	87.2	82.0	79.8
2014	704	116.7	105.5	69.0	83.2	78.3	75.9
2015	719	115.4	105.7	70.3	84.3	78.9	76.8
2016	571	115.9	105.2	70.0	79.1	73.9	71.7
2017	476	115.2	106.2	70.6	77.7	72.8	70.8
2018	541	115.4	106.1	70.2	54.7	51.1	49.7
2019	361	115.0	106.3	70.8	53.0	49.8	48.4

Tabel: 174 Jersey: Vleeskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	37	86.3	104.2	89.5	83.9	99.3	93.9	87.6	89.1	99.8	93.5	79.5
1981	32	86.3	104.6	89.2	83.8	100.0	93.2	87.9	88.6	100.2	92.8	79.6
1982	51	86.2	104.9	88.8	83.7	100.1	92.9	87.6	88.4	100.4	92.5	79.3
1983	40	86.0	104.7	89.2	83.5	99.9	93.4	87.3	88.8	100.5	92.9	79.4
1984	76	86.2	104.4	89.7	83.5	99.9	93.4	87.7	88.7	100.3	92.9	79.3
1985	64	86.0	104.5	90.0	84.1	99.2	94.3	87.5	89.1	100.2	93.5	79.9
1986	94	85.8	104.2	90.8	83.4	99.4	94.8	87.1	88.6	100.4	94.1	79.6
1987	111	86.2	104.0	91.3	83.0	99.8	95.2	87.1	89.6	100.7	94.8	79.2
1988	133	85.8	103.6	90.9	83.0	99.0	94.8	86.8	89.4	100.2	94.1	79.4
1989	114	85.7	103.8	91.0	83.1	98.9	94.8	86.8	89.5	100.1	93.9	79.4
1990	141	85.2	103.8	90.8	82.9	98.7	94.7	86.4	89.0	100.0	93.7	78.9

1991	91	85.3	103.3	90.9	83.2	98.1	95.5	86.7	89.3	99.7	94.5	79.5
1992	118	85.3	103.2	91.2	83.2	97.6	96.7	86.1	90.3	99.8	95.5	79.3
1993	107	85.1	102.9	91.5	83.0	96.9	97.7	85.4	91.5	99.7	96.2	79.0
1994	135	85.0	102.9	91.4	82.7	97.3	97.1	85.7	90.5	99.7	95.9	78.9
1995	126	84.8	102.8	91.1	82.6	97.1	97.2	85.4	90.6	99.8	95.8	78.9
1996	131	84.9	102.8	91.1	82.8	97.2	96.7	85.6	90.5	99.6	95.4	78.9
1997	105	85.3	103.0	91.3	82.6	98.0	96.8	86.0	90.1	100.3	95.6	79.2
1998	152	85.2	102.7	91.7	82.6	97.6	97.1	85.8	90.6	99.8	95.9	79.1
1999	186	85.6	103.2	91.4	82.8	98.0	96.9	85.5	92.0	100.4	95.6	79.0
2000	157	85.5	102.7	91.3	82.6	97.5	96.8	85.6	92.0	99.9	95.8	78.7
2001	161	85.7	102.8	91.3	83.0	97.5	97.2	86.0	91.7	100.0	96.0	79.2
2002	160	85.8	102.9	91.1	83.2	97.4	97.0	85.9	92.1	100.2	95.7	79.5
2003	140	86.0	103.2	91.4	83.3	97.9	96.9	86.1	91.8	100.3	95.7	79.8
2004	164	86.5	103.2	91.8	82.8	98.7	96.8	86.4	92.2	100.7	95.8	79.7
2005	142	86.4	102.6	92.5	82.7	98.4	97.6	86.3	92.4	100.3	96.8	79.3
2006	154	86.4	102.6	92.4	82.1	99.2	97.6	86.1	92.3	100.7	97.0	78.7
2007	88	86.7	102.8	92.3	82.3	99.2	97.2	86.4	92.5	100.8	96.6	79.0
2008	104	86.7	103.0	92.4	82.5	99.4	97.4	86.4	92.4	100.8	96.8	79.1
2009	109	86.6	103.1	92.3	82.8	99.0	97.1	86.3	92.4	100.6	96.4	79.3
2010	58	88.3	103.1	92.8	82.9	100.5	97.5	87.8	93.1	101.4	97.4	80.0
2011	29	88.1	103.1	92.9	83.1	100.4	98.0	87.8	93.3	101.5	97.6	80.6
2012	21	88.2	103.0	93.0	82.7	101.0	97.6	87.4	93.2	101.4	97.3	79.7
2016	10	88.1	102.4	93.2	83.0	100.0	98.0	87.7	93.2	100.7	97.5	80.2

Tabel: 175 Jersey: Kalvervitaliteit

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	13	90.2	86.5	101.5
1981	11	90.1	86.4	102.0
1982	24	90.2	86.7	102.0
1983	17	90.6	87.2	101.3
1984	38	90.4	86.8	102.0
1985	14	91.7	89.1	101.1
1986	37	91.3	89.2	101.3
1987	85	91.0	88.7	101.1
1988	61	91.7	89.6	101.1
1989	68	91.8	89.3	101.0
1990	88	92.4	89.6	101.1
1991	67	92.3	89.9	100.5
1992	92	90.9	88.9	100.9
1993	154	90.8	88.7	100.6
1994	185	91.3	89.3	100.6
1995	194	91.0	88.9	100.6
1996	180	90.7	88.6	100.8
1997	161	91.2	89.2	100.9
1998	225	91.6	89.5	100.4
1999	307	90.8	88.9	100.5
2000	282	90.1	88.2	100.2
2001	271	90.7	88.7	99.9
2002	292	91.2	89.2	100.5
2003	334	92.1	90.0	100.7
2004	380	90.9	88.7	100.8
2005	426	90.7	88.3	101.1
2006	482	90.4	88.1	101.3
2007	516	90.5	88.5	101.1
2008	504	89.6	87.5	101.0
2009	565	90.2	88.0	101.2
2010	539	90.3	87.8	101.7
2011	629	89.6	87.0	101.9

2012	681	89.6	87.1	102.0
2013	1018	89.2	86.4	102.1
2014	725	89.1	86.3	102.2
2015	950	90.5	87.5	102.3
2016	777	90.5	87.3	102.0
2017	750	90.7	87.7	102.0
2018	858	90.4	87.4	102.1
2019	567	90.7	87.6	102.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	281	-1914.2	-11808.2	-213.7	-316.9
2002	326	-1917.8	-11740.8	-218.2	-315.8
2003	366	-1505.3	-10431.8	-134.5	-262.8
2004	457	-760.0	-7499.5	-12.9	-153.3
2005	489	-313.1	-6216.5	75.8	-94.1
2006	623	-34.2	-5305.6	139.4	-61.9
2007	677	133.6	-4851.5	167.1	-36.8
2008	727	-8.2	-5184.0	140.1	-56.3
2009	949	44.9	-5177.0	150.5	-48.8
2010	893	423.9	-3717.7	221.5	2.3
2011	1060	696.3	-2871.5	276.8	37.6
2012	975	671.3	-3263.1	274.3	34.1
2013	1595	807.3	-3015.8	306.2	50.0
2014	1126	778.5	-3135.1	304.0	44.5
2015	870	939.7	-2589.2	326.3	70.6
2016	870	1201.7	-1659.4	381.3	103.3
2017	607	1207.9	-1524.6	371.0	109.7

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

Jaar	Aantal	Eff	Int	Gewen
1992	26	96.7	103.6	102.3
1993	27	96.6	103.3	103.6
1994	35	97.0	103.4	103.1
1995	16	96.9	103.2	102.5
1997	18	96.4	102.6	103.3
1998	30	96.2	101.6	104.7
1999	67	97.0	102.9	104.6
2000	38	96.9	103.3	104.9
2001	37	96.7	102.7	104.3
2002	51	96.1	102.2	104.2
2003	79	96.1	101.6	104.9
2004	101	94.8	103.1	106.3
2005	108	95.0	102.0	106.8
2006	147	95.1	101.8	106.9
2007	157	94.6	102.9	105.8
2008	158	95.5	102.3	105.5
2009	279	95.9	102.2	105.9
2010	201	95.4	102.2	106.0
2011	251	95.1	102.6	106.0
2012	271	95.2	102.4	106.4
2013	280	95.1	102.1	106.8

2014	278	94.7	102.5	106.8
2015	273	95.4	101.4	106.8
2016	281	95.2	101.9	106.3
2017	237	95.6	101.3	106.3

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	80	102.4	96.8	0	0.0	0	0.0
1981	105	102.0	96.5	0	0.0	0	0.0
1982	131	101.7	96.8	0	0.0	0	0.0
1983	126	101.8	96.8	0	0.0	0	0.0
1984	225	102.0	96.7	0	0.0	0	0.0
1985	218	101.7	96.7	221	-10.3	0	0.0
1986	284	101.3	96.5	288	-9.3	0	0.0
1987	365	101.5	96.8	367	-9.2	0	0.0
1988	419	102.3	96.4	419	-8.7	0	0.0
1989	289	103.4	96.9	289	-9.2	0	0.0
1990	431	103.3	97.1	431	-9.8	0	0.0
1991	205	103.5	97.1	205	-10.1	0	0.0
1992	292	103.3	96.4	293	-9.4	0	0.0
1993	216	103.8	96.3	216	-9.3	0	0.0
1994	243	104.2	96.4	243	-8.9	0	0.0
1995	232	103.8	96.0	232	-9.2	0	0.0
1996	237	103.8	96.3	237	-9.1	0	0.0
1997	278	103.9	96.2	278	-8.8	0	0.0
1998	268	102.7	95.6	268	-8.9	0	0.0
1999	351	103.2	95.8	351	-8.3	0	0.0
2000	306	103.1	95.5	306	-8.2	0	0.0
2001	300	102.6	95.7	300	-8.1	22	59.5
2002	352	102.8	95.7	352	-8.1	32	59.8
2003	401	103.2	96.1	401	-8.0	26	61.0
2004	498	105.2	96.9	498	-7.8	30	61.6
2005	531	105.0	97.4	531	-7.8	40	64.5
2006	685	105.4	97.1	685	-7.8	28	62.9
2007	741	106.1	97.1	741	-7.5	28	62.5
2008	816	105.2	95.9	816	-7.5	30	60.8
2009	998	106.1	97.1	998	-7.5	11	60.5
2010	948	106.1	97.1	948	-7.4	35	61.1
2011	1100	106.3	96.8	1100	-7.3	21	62.6
2012	995	106.8	96.6	995	-7.2	30	64.3
2013	1599	106.6	96.7	1600	-7.1	17	64.9
2014	1118	106.3	96.6	1118	-7.2	18	63.9
2015	878	106.7	96.1	878	-6.9	22	67.6
2016	857	106.3	96.0	858	-6.9	24	68.6
2017	615	106.9	96.3	619	-6.7	27	69.6

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1991	13	-1988.8	-98.4	-83.2	-100.1	-22.7	-22.3	-19.3	-578.2
1992	12	-1922.4	-101.2	-83.2	-97.3	-36.5	-27.9	-20.0	-583.2
1994	12	-2015.3	-101.8	-84.7	-101.6	-29.1	-24.0	-20.2	-591.6
1995	13	-2272.5	-108.4	-91.5	-113.3	-17.8	-18.7	-21.2	-637.0

1996	11	-2183.1	-103.4	-85.6	-109.2	-13.7	-11.5	-20.8	-601.0
1997	27	-2317.7	-112.1	-91.6	-115.5	-20.9	-14.6	-21.7	-645.6
1998	12	-2249.8	-110.3	-90.0	-112.2	-25.0	-16.7	-21.0	-634.5
2000	15	-2298.7	-112.0	-91.9	-114.5	-24.4	-17.9	-21.4	-646.5
2001	12	-1889.5	-95.3	-84.7	-91.0	-24.3	-33.3	-8.8	-574.5
2003	12	-2239.8	-109.9	-89.2	-97.2	-23.3	-14.8	16.8	-625.9

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1987	14	100.5	104.6	101.0	103.6	100.6	97.3	96.9	102.7
1988	20	100.7	103.8	100.6	103.0	100.3	96.8	95.6	102.0
1989	12	101.5	103.8	101.3	103.2	101.1	97.1	94.2	102.5
1990	34	100.7	103.5	100.2	102.5	100.0	96.7	95.5	101.5
1991	32	100.1	105.0	101.1	103.7	100.3	96.7	96.1	102.6
1992	60	101.2	103.7	100.8	103.0	100.7	97.3	95.2	102.0
1993	40	101.2	103.7	100.8	103.1	100.9	97.0	95.2	102.2
1994	33	100.9	104.8	101.6	104.0	101.3	97.3	95.7	103.1
1995	52	101.3	103.6	100.7	102.8	100.7	97.0	94.5	101.9
1996	86	100.7	104.6	101.1	103.6	100.6	96.6	94.8	102.6
1997	107	101.5	104.0	101.2	103.4	101.2	97.1	94.8	102.5
1998	113	101.0	104.3	100.9	103.4	100.8	96.7	94.6	102.4
1999	136	101.1	103.8	100.7	103.1	100.7	96.8	94.2	102.1
2000	136	101.4	104.4	101.3	103.8	101.2	97.0	94.7	102.8
2001	130	101.0	105.1	101.6	104.3	101.1	96.5	94.5	103.2
2002	150	100.9	104.8	101.4	103.9	101.0	96.4	94.1	102.8
2003	122	100.7	105.0	101.4	104.0	100.8	96.6	94.8	103.0
2004	88	100.9	104.7	101.4	103.9	100.8	96.6	94.8	103.0
2005	109	100.7	105.0	101.6	104.0	101.0	96.8	95.1	103.1
2006	73	101.0	105.0	101.7	104.1	101.1	96.4	94.9	103.1
2007	58	100.6	104.9	101.2	103.7	100.6	96.3	94.9	102.7
2008	61	100.5	105.1	101.4	104.1	100.9	96.6	95.1	103.0
2009	53	100.5	104.6	100.9	103.6	100.5	96.6	94.8	102.5
2010	34	100.6	104.8	101.2	103.8	100.8	96.6	94.8	102.8
2011	44	100.4	104.7	101.0	103.6	100.4	96.0	95.0	102.5
2012	40	99.8	105.2	100.8	103.8	100.1	96.1	95.1	102.5
2013	41	100.0	105.0	100.8	103.6	100.3	96.4	94.5	102.4
2014	21	99.2	105.1	100.5	103.4	99.9	96.0	94.1	102.1
2015	25	100.1	105.4	101.2	104.2	100.6	96.5	94.4	103.0
2016	16	100.2	105.3	101.1	104.0	100.6	96.2	93.3	102.8
2017	11	98.5	105.6	100.0	103.5	98.8	94.2	94.1	102.0

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1991	13	-203.8	-578.2	-512.5	105.1	102.6	0.0	0.0	99.2
1992	11	-253.0	-583.2	-160.4	101.2	102.0	101.0	98.0	100.4
1994	12	-213.8	-591.6	-99.4	103.6	103.1	0.0	0.0	98.5
1995	12	-278.4	-637.0	-514.9	103.4	101.9	97.0	98.0	99.7
1997	27	-272.0	-645.6	-489.0	102.5	102.5	100.5	97.0	100.5
1998	12	-271.0	-634.5	-382.6	102.6	102.4	0.0	0.0	100.0
2000	15	-244.7	-646.5	-302.2	102.5	102.8	98.0	96.0	99.4
2001	12	-240.0	-574.5	-394.0	103.2	103.2	98.0	98.0	100.1

2003 12 -230.7 -625.9 -250.5 103.8 103.0 0.0 0.0 99.2

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1997	21	99.4	100.5	99.4	100.5	100.2	101.1
1998	25	99.5	100.0	99.5	100.0	100.6	100.8
1999	36	100.5	99.6	100.5	99.6	101.1	100.5
2000	47	100.0	97.3	100.0	97.3	100.9	98.6
2001	62	100.0	80.9	100.0	80.9	100.7	81.6
2002	57	99.7	92.8	99.7	92.8	100.8	93.6
2003	46	99.8	94.6	99.8	94.6	100.5	96.1
2004	53	99.0	95.4	99.0	95.4	99.7	96.5
2005	75	99.4	99.3	99.4	99.3	100.3	100.4
2006	46	99.3	99.7	99.3	99.7	100.3	100.6
2007	30	99.3	100.5	99.3	100.5	100.2	101.0
2008	36	100.2	100.2	100.2	100.2	101.0	101.1
2009	33	99.7	100.4	99.7	100.4	100.5	101.0
2010	26	100.3	100.1	100.3	100.1	101.2	100.8
2011	33	99.5	100.5	99.5	100.5	100.7	101.1
2012	33	100.1	100.6	100.1	100.6	101.1	101.2
2013	35	100.3	100.2	100.3	100.2	101.2	100.9
2014	26	101.0	100.1	101.0	100.1	101.5	101.0
2015	27	100.5	100.1	100.5	100.1	101.4	100.9
2016	24	101.8	100.4	101.8	100.4	102.2	101.1
2017	15	101.8	80.3	101.8	80.3	102.6	81.2
2018	22	100.9	59.2	100.9	59.2	101.7	59.6
2019	13	100.7	46.1	100.7	46.1	101.8	46.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1991	10	100.4	104.8	99.1	0.0	0.0	0.0
1993	12	99.8	104.4	99.6	0.0	0.0	0.0
1995	13	99.8	104.3	99.9	7.4	7.5	7.0
1996	17	99.8	105.1	99.6	5.8	5.5	5.4
1997	26	100.3	104.8	98.6	18.8	18.6	17.8
1998	19	101.4	103.8	98.1	30.8	30.2	28.5
1999	31	99.7	105.2	99.6	37.5	36.8	35.5
2000	46	100.2	105.3	99.0	66.8	67.0	63.9
2001	35	99.9	105.3	99.1	57.4	57.7	54.5
2002	38	99.6	104.4	99.6	65.4	65.9	61.9
2003	37	100.1	104.2	99.0	54.8	54.6	52.2
2004	30	101.2	105.2	98.0	64.9	64.3	62.9
2005	40	102.0	104.0	97.2	84.3	84.1	80.8
2006	33	100.8	103.8	98.4	70.0	69.9	66.6
2007	32	101.6	105.0	97.4	81.9	81.9	78.7
2008	38	101.2	105.0	97.8	81.1	81.4	79.1
2009	34	102.2	104.5	96.9	68.2	68.3	66.0
2010	30	100.9	105.4	98.2	61.2	61.2	59.0
2011	37	102.1	104.6	96.8	47.2	46.7	45.2
2012	28	101.6	105.7	97.5	72.1	72.8	70.2
2013	27	103.7	104.4	95.3	78.7	79.0	76.9
2014	18	101.2	104.8	97.8	90.6	91.3	87.4

2015	20	102.0	103.3	97.0	77.2	76.8	73.4
2016	11	103.1	105.6	95.9	88.5	87.8	86.8
2018	15	101.6	103.6	97.5	38.5	38.7	37.6
2019	12	100.8	104.8	98.2	15.6	16.6	16.4

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	20	95.7	105.5	93.2	96.6	100.3	97.5	95.8	95.5	104.9	95.6	92.3
1991	18	95.0	103.9	91.0	94.9	100.1	96.7	94.9	95.7	104.5	94.3	90.1
1992	29	93.0	100.8	93.7	94.8	95.8	98.7	93.8	95.8	100.8	95.9	89.6
1993	25	94.7	104.0	91.4	96.0	98.7	97.5	94.6	96.3	103.8	94.5	91.0
1994	27	94.4	103.2	92.4	94.8	99.1	97.7	94.5	95.6	103.6	95.5	89.7
1995	39	93.4	103.7	92.3	95.5	97.6	98.4	93.5	95.8	103.4	94.9	90.5
1996	58	95.1	105.6	92.1	95.5	100.9	96.9	95.0	95.1	105.6	94.3	91.2
1997	76	94.6	105.0	93.0	94.4	100.4	97.4	94.0	95.9	105.2	95.0	90.0
1998	76	95.0	105.6	91.5	95.1	100.9	97.0	94.6	95.6	105.6	94.4	90.5
1999	90	93.8	104.0	91.5	94.5	99.3	97.1	93.9	94.8	104.1	94.1	89.8
2000	98	94.6	106.1	91.5	94.6	100.9	96.8	93.9	95.7	105.8	94.2	89.9
2001	78	94.8	106.0	91.3	94.3	101.6	96.3	94.2	95.6	106.1	93.9	89.7
2002	101	94.1	105.2	90.7	94.2	100.6	96.6	94.0	94.9	105.3	93.7	89.5
2003	88	94.4	106.0	91.6	94.7	100.8	97.6	93.8	95.5	105.9	94.6	90.0
2004	52	94.8	106.6	90.7	94.8	101.8	96.8	94.4	94.7	106.5	94.1	90.2
2005	66	94.2	107.0	90.2	94.7	101.9	96.7	93.8	94.2	106.7	93.5	89.9
2006	36	94.4	106.6	90.0	94.5	101.8	96.6	94.0	94.2	106.4	93.6	89.8
2007	18	94.5	105.9	90.7	94.7	101.0	96.6	94.6	94.1	105.7	93.4	90.3
2008	27	93.8	106.1	90.6	94.4	100.4	96.9	93.0	95.5	106.2	93.4	89.7
2009	19	93.3	105.6	90.7	94.1	100.0	97.0	92.7	95.2	105.6	93.6	89.3
2010	10	92.6	105.6	91.3	93.4	100.0	97.1	91.9	94.5	106.0	93.1	89.2

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1997	33	105.1	99.9	101.5
1998	27	105.4	100.5	101.9
1999	41	105.4	100.4	101.5
2000	71	105.0	100.0	101.4
2001	68	105.0	100.0	101.4
2002	66	104.8	99.7	101.2
2003	58	104.7	99.7	101.2
2004	61	104.8	99.7	101.1
2005	102	104.8	99.7	101.2
2006	63	104.7	99.6	101.1
2007	38	105.3	100.2	101.4
2008	47	105.4	100.3	101.6
2009	41	105.1	100.0	101.8
2010	31	105.0	100.0	101.7
2011	35	105.1	99.9	101.6
2012	33	105.1	100.0	101.8
2013	34	104.9	99.9	101.8
2014	33	105.4	100.5	101.7
2015	26	105.3	100.3	101.6
2016	27	106.6	101.6	101.9
2017	14	107.8	103.0	101.7

2018 17 106.3 101.4 101.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	12	-4385.2	-15701.3	-772.7	-621.3
2003	11	-4145.6	-15069.7	-738.9	-579.2

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1991	13	99.2	100.4	13	-5.3	0	0.0
1992	12	100.3	100.8	12	-6.0	0	0.0
1994	12	101.8	101.2	12	-5.6	0	0.0
1995	13	98.6	98.8	13	-5.5	0	0.0
1996	11	99.8	100.8	13	-4.6	0	0.0
1997	27	99.5	100.1	31	-5.0	0	0.0
1998	12	97.0	97.5	12	-5.2	0	0.0
2000	15	99.8	100.3	17	-5.7	0	0.0
2001	12	99.0	99.3	12	-5.0	2	88.0
2002	9	101.9	102.7	11	-5.0	0	0.0
2003	12	101.0	103.9	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	-1626.7	-79.9	-72.5	-83.9	-15.7	-25.7	-19.2	-490.1
1989	10	-1880.7	-92.0	-77.6	-95.4	-18.2	-17.8	-19.7	-539.9
1990	11	-1819.5	-89.5	-75.8	-92.6	-18.8	-19.1	-19.5	-526.7
1992	15	-2045.1	-102.5	-84.2	-102.9	-26.4	-19.8	-20.3	-591.5
1994	14	-2050.9	-102.9	-85.3	-103.2	-27.2	-22.7	-20.4	-596.7
1996	11	-2244.2	-112.2	-92.0	-112.3	-30.2	-23.0	-21.5	-646.5
1997	19	-2340.2	-111.0	-93.6	-116.4	-15.1	-17.5	-21.6	-651.8
1998	24	-1873.5	-91.2	-80.9	-95.0	-16.8	-25.6	-19.6	-552.0
1999	13	-2099.5	-103.0	-82.8	-105.4	-22.5	-12.1	-20.5	-587.4
2000	25	-2214.5	-113.6	-93.0	-109.6	-36.0	-26.8	-18.4	-652.9
2002	12	-1977.0	-105.7	-84.7	-98.2	-41.0	-27.0	-16.5	-598.4

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1988	14	100.3	102.9	99.3	101.9	99.6	96.8	96.4	100.6
1989	17	100.8	104.2	100.9	103.4	100.7	97.1	96.8	102.3

1990	30	100.7	103.9	100.8	102.9	100.4	97.1	95.8	102.1
1991	27	101.1	105.0	101.7	104.1	101.2	97.3	96.9	103.1
1992	40	101.3	104.7	101.5	104.1	101.3	97.3	95.7	103.0
1993	40	101.4	104.8	101.7	104.3	101.5	97.4	96.5	103.3
1994	55	101.2	104.2	101.3	103.5	100.9	97.4	95.5	102.6
1995	52	101.1	104.8	101.6	104.1	101.1	97.3	95.8	103.1
1996	68	101.2	105.1	101.7	104.3	101.1	97.2	95.9	103.3
1997	98	101.3	104.9	101.7	104.2	101.2	97.3	96.6	103.2
1998	121	101.5	104.8	101.9	104.1	101.4	97.5	95.7	103.3
1999	126	101.2	104.7	101.5	104.0	101.2	97.0	95.1	103.0
2000	163	100.6	105.2	101.5	104.2	100.9	96.8	95.6	103.1
2001	156	101.0	105.2	101.7	104.3	101.2	96.7	94.9	103.2
2002	156	100.6	105.1	101.2	103.9	100.7	96.1	94.3	102.8
2003	149	100.5	105.5	101.7	104.3	100.8	96.4	95.2	103.2
2004	153	100.6	104.9	101.1	103.8	100.7	96.1	94.1	102.7
2005	131	100.7	105.0	101.4	103.9	100.8	96.2	94.6	102.9
2006	108	101.1	104.4	101.1	103.4	100.9	96.2	93.3	102.4
2007	58	101.0	104.6	101.2	103.8	100.9	96.4	94.2	102.8
2008	61	101.0	104.5	101.0	103.5	100.9	96.2	93.8	102.5
2009	61	100.7	105.0	101.3	103.9	101.0	96.0	94.1	102.9
2010	60	100.9	104.8	101.4	103.8	101.0	96.0	93.8	102.8
2011	48	101.2	104.0	101.0	103.3	101.0	96.3	93.1	102.4
2012	55	101.1	104.3	101.1	103.4	100.9	96.0	92.7	102.5
2013	43	100.9	104.7	101.2	103.6	100.9	95.8	93.0	102.6
2014	44	100.4	104.6	101.0	103.3	100.5	95.5	93.4	102.3
2015	34	99.4	105.1	100.5	103.3	99.8	94.5	93.4	102.1
2016	17	100.2	104.9	101.0	103.6	100.4	95.3	93.8	102.6
2017	27	100.3	104.8	100.8	103.4	100.3	95.0	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	-184.0	-490.1	-265.2	105.4	100.6	96.5	97.5	95.7
1990	11	-187.8	-526.7	-351.4	103.8	102.1	0.0	0.0	98.0
1992	15	-211.3	-591.5	-262.0	104.6	103.0	97.5	98.0	98.2
1994	12	-218.7	-596.7	-242.1	104.3	102.6	100.0	97.0	97.6
1996	11	-251.8	-646.5	-352.1	103.6	103.3	97.0	95.0	98.7
1997	17	-250.5	-651.8	-539.6	103.8	103.2	0.0	0.0	99.1
1998	22	-217.8	-552.0	-371.2	102.5	103.3	99.0	98.0	99.7
1999	12	-240.4	-587.4	-321.3	103.6	103.0	0.0	0.0	99.3
2000	25	-240.2	-652.9	-340.4	104.0	103.1	0.0	0.0	98.3
2002	12	-212.6	-598.4	-339.4	104.4	102.8	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	98.5	99.5	98.5	99.5	99.5	100.7
1996	28	98.7	99.4	98.7	99.4	99.8	100.7
1997	35	98.4	100.3	98.4	100.3	99.7	100.9
1998	62	98.7	100.4	98.7	100.4	99.9	101.2
1999	58	99.0	99.8	99.0	99.8	99.9	101.0
2000	86	99.3	98.7	99.3	98.7	100.0	100.6
2001	73	99.0	95.4	99.0	95.4	100.0	96.7
2002	85	98.9	97.5	98.9	97.5	99.9	98.6

2003	113	98.9	99.4	98.9	99.4	99.8	100.8
2004	111	99.3	100.2	99.3	100.2	100.4	101.1
2005	102	99.3	100.0	99.3	100.0	100.3	101.0
2006	73	99.4	100.1	99.4	100.1	100.4	101.2
2007	40	99.2	99.6	99.2	99.6	100.3	101.0
2008	45	99.4	100.4	99.4	100.4	100.6	101.2
2009	39	99.2	100.1	99.2	100.1	100.3	101.0
2010	48	99.3	100.2	99.3	100.2	100.5	101.2
2011	40	99.6	100.4	99.6	100.4	100.6	101.3
2012	37	99.6	100.5	99.6	100.5	100.7	101.4
2013	33	99.5	100.5	99.5	100.5	100.6	101.4
2014	36	100.6	100.5	100.6	100.5	101.4	101.4
2015	27	101.9	97.0	101.9	97.0	102.3	98.1
2016	24	102.4	100.8	102.4	100.8	102.6	101.9
2017	21	102.0	100.6	102.0	100.6	102.5	101.8
2018	17	101.6	100.5	101.6	100.5	102.3	101.7

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1992	12	100.2	104.6	99.3	23.9	23.9	23.2
1993	14	99.1	105.6	100.2	6.9	6.9	6.6
1994	10	100.0	104.9	99.4	0.0	0.0	0.0
1995	14	100.5	105.1	98.9	27.8	27.4	26.9
1996	31	101.0	104.1	98.3	15.9	15.3	14.6
1997	31	99.8	105.2	99.5	28.5	27.6	26.4
1998	37	101.3	104.1	97.9	31.5	31.2	29.9
1999	32	99.9	104.7	99.3	42.2	42.1	41.1
2000	50	99.2	104.3	99.7	75.3	74.1	71.8
2001	49	99.7	104.2	99.4	75.0	73.9	70.8
2002	44	100.0	104.5	98.8	81.5	80.4	76.5
2003	54	100.2	104.6	98.7	84.2	83.5	79.1
2004	49	100.8	104.6	97.9	84.7	84.4	80.5
2005	55	101.5	104.5	97.4	82.7	81.9	78.3
2006	36	101.9	104.2	96.8	88.8	87.8	83.4
2007	42	101.3	103.5	97.4	92.2	91.2	86.6
2008	45	102.2	103.9	96.7	94.6	94.3	88.9
2009	46	102.0	103.8	96.8	77.6	77.4	73.0
2010	52	102.2	103.4	96.6	89.3	88.9	83.4
2011	41	102.5	102.9	96.3	84.8	84.2	79.7
2012	38	103.2	103.3	95.6	84.2	83.5	78.1
2013	36	102.4	103.1	96.5	80.6	80.5	75.4
2014	29	101.9	104.5	97.1	76.6	76.8	73.0
2015	19	101.7	106.4	97.1	86.3	86.7	83.9
2016	20	102.2	105.2	96.7	87.3	86.7	84.4
2017	23	101.0	104.6	98.0	66.7	67.4	65.0
2018	22	102.7	104.2	96.2	65.9	65.7	62.8

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1989	10	96.4	107.7	93.3	97.5	101.3	97.3	96.0	95.3	106.5	95.0	93.0
1990	21	95.8	106.8	93.2	96.5	101.2	97.0	95.4	95.5	106.2	94.7	92.4
1991	15	96.4	108.8	94.5	97.7	102.1	98.3	95.7	95.7	107.5	96.1	93.3

1992	29	96.1	107.4	93.2	96.6	101.8	97.4	95.4	95.7	106.8	95.3	92.3
1993	24	96.7	108.9	92.0	97.1	102.9	97.1	95.8	95.7	108.0	94.8	92.6
1994	42	95.5	106.5	93.3	95.8	101.5	97.4	95.1	95.4	106.2	95.4	91.4
1995	33	96.2	107.9	92.6	96.4	102.9	96.9	95.6	95.3	107.5	94.7	92.1
1996	47	96.9	109.0	91.0	97.5	103.4	96.3	96.2	95.6	108.0	94.1	92.8
1997	60	96.7	108.0	92.4	96.7	102.7	96.7	95.8	96.2	107.2	94.6	92.3
1998	84	96.5	107.1	91.5	96.0	102.8	96.1	96.0	95.9	106.8	94.2	91.7
1999	83	96.6	108.7	91.0	96.4	103.5	96.3	95.9	95.5	108.0	94.1	92.1
2000	110	96.3	108.6	91.2	95.6	103.6	96.5	95.3	95.5	108.1	94.4	91.3
2001	100	97.1	108.9	90.9	95.7	104.6	96.0	96.1	95.5	108.7	94.0	91.9
2002	103	97.2	109.2	90.8	95.7	105.2	96.0	96.4	95.0	109.0	94.0	92.0
2003	104	97.3	110.0	90.1	95.8	105.6	95.9	96.4	94.9	109.7	93.6	92.2
2004	106	97.1	108.9	89.4	95.3	105.2	95.1	96.2	94.9	109.2	92.5	92.0
2005	85	96.8	109.0	89.6	95.8	104.7	95.6	96.1	94.8	108.8	92.9	92.0
2006	58	96.6	109.1	89.7	95.4	105.0	95.6	95.9	94.4	109.3	92.9	91.8
2007	27	96.7	110.1	89.2	96.7	104.9	96.3	96.1	93.9	109.4	93.0	93.0
2008	30	96.7	108.5	89.4	95.2	104.7	95.7	96.1	94.4	109.1	92.7	92.0
2009	19	97.1	108.7	88.8	95.7	104.8	95.0	96.4	94.7	108.8	91.9	92.5
2010	32	96.4	108.5	89.1	95.7	104.4	95.2	95.9	94.1	108.9	91.9	92.4

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	15	103.9	98.8	101.3
1993	12	103.5	98.2	101.4
1994	15	103.7	98.7	101.4
1995	24	103.6	98.6	101.5
1996	39	103.8	98.7	101.5
1997	60	104.0	99.1	101.5
1998	85	104.2	99.3	101.6
1999	93	104.4	99.5	101.3
2000	117	104.6	99.6	101.2
2001	114	104.4	99.4	101.3
2002	120	104.3	99.2	101.2
2003	158	104.2	99.3	101.2
2004	161	104.4	99.5	101.3
2005	135	104.4	99.4	101.2
2006	124	104.5	99.4	101.3
2007	59	104.0	99.0	101.5
2008	62	104.1	99.3	101.4
2009	53	104.1	99.1	101.2
2010	64	104.0	99.1	101.3
2011	52	104.0	99.0	101.5
2012	52	104.3	99.4	101.6
2013	39	104.4	99.5	101.4
2014	36	106.1	101.2	101.6
2015	39	107.6	102.5	101.7
2016	33	107.5	102.5	101.7
2017	30	107.4	102.3	101.7
2018	28	107.7	102.6	101.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
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2001 10 -3452.3 -11752.2 -631.0 -479.9

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1988	10	99.9	98.9	11	-4.2	0	0.0
1989	9	100.3	99.0	10	-4.4	0	0.0
1990	11	99.9	99.0	11	-4.3	0	0.0
1992	15	100.5	100.7	15	-5.3	0	0.0
1994	14	99.9	101.4	14	-6.1	0	0.0
1996	11	99.9	100.3	11	-6.2	0	0.0
1997	19	98.8	99.9	19	-5.8	0	0.0
1998	24	100.4	100.2	26	-4.5	0	0.0
1999	13	98.6	100.4	13	-5.2	0	0.0
2000	25	97.9	99.0	25	-6.0	0	0.0
2002	12	99.4	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	71	-1101.2	-48.8	-46.7	-59.8	0.9	-11.3	-17.2	-312.1
1981	76	-1182.1	-50.9	-48.0	-63.6	3.4	-8.3	-17.6	-322.9
1982	103	-1294.7	-52.5	-49.5	-68.7	10.1	-3.6	-17.8	-334.0
1983	123	-1277.5	-55.8	-50.2	-67.9	2.2	-5.9	-17.8	-343.4
1984	161	-1285.1	-54.8	-50.6	-68.2	5.3	-5.8	-17.8	-342.8
1985	170	-1288.0	-55.1	-50.5	-68.4	4.8	-5.3	-17.9	-343.2
1986	128	-1265.4	-54.2	-49.8	-67.3	4.6	-5.5	-17.8	-338.0
1987	112	-1340.1	-55.2	-51.8	-70.8	8.9	-4.3	-18.0	-349.5
1988	104	-1396.1	-56.9	-53.0	-73.3	10.7	-2.4	-18.2	-358.8
1989	105	-1295.1	-50.1	-49.3	-68.7	15.2	-2.5	-17.8	-328.0
1990	95	-1380.2	-57.1	-52.4	-72.6	8.6	-2.6	-18.2	-356.7
1991	79	-1445.2	-65.4	-55.5	-75.6	-2.7	-4.2	-18.6	-387.8
1992	73	-1243.6	-52.6	-49.5	-66.3	5.1	-6.5	-17.8	-333.3
1993	88	-1161.5	-48.9	-46.7	-62.6	6.1	-6.4	-17.7	-313.2
1994	69	-1050.8	-42.2	-43.2	-57.6	9.6	-7.6	-17.3	-283.1
1995	69	-980.1	-41.0	-40.0	-54.3	5.4	-6.5	-17.0	-266.4
1996	68	-1051.0	-44.5	-42.2	-57.6	4.8	-5.8	-17.4	-283.6
1997	53	-783.5	-34.5	-33.5	-45.4	0.9	-7.7	-16.7	-223.2
1998	61	-628.0	-29.4	-29.1	-38.3	-2.2	-9.9	-16.4	-192.8
1999	72	-789.8	-33.4	-33.0	-45.7	3.7	-6.5	-16.7	-219.3
2000	53	-889.9	-37.4	-34.3	-49.8	4.5	-2.3	-16.2	-234.2
2001	68	-820.1	-33.5	-33.1	-44.7	6.0	-4.6	-12.4	-219.3
2002	58	-672.4	-31.0	-29.8	-35.9	-1.4	-8.3	-8.6	-197.9
2003	69	-743.5	-30.7	-31.5	-40.6	5.2	-6.6	-11.0	-205.7
2004	80	-536.9	-24.5	-25.5	-32.3	-0.6	-9.2	-12.9	-165.7
2005	85	-501.0	-24.2	-24.0	-31.4	-2.8	-8.9	-14.2	-158.6
2006	97	-535.2	-26.5	-26.5	-33.7	-3.8	-11.1	-15.5	-174.5
2007	77	-431.7	-23.2	-22.1	-27.2	-6.0	-10.0	-12.1	-147.6
2008	91	-396.6	-20.9	-21.0	-27.1	-4.5	-10.0	-14.5	-138.2
2009	123	-419.7	-22.3	-20.7	-28.1	-5.5	-8.4	-14.7	-140.2
2010	98	-401.9	-21.9	-20.6	-27.8	-6.3	-9.0	-15.5	-138.8
2011	113	-442.5	-23.0	-22.7	-29.4	-5.1	-10.2	-15.1	-150.1
2012	137	-470.0	-24.0	-22.1	-30.5	-4.7	-7.7	-15.0	-150.5
2013	95	-365.2	-19.2	-19.5	-26.0	-4.1	-9.4	-15.0	-128.0

2014	124	-438.5	-22.2	-21.6	-29.3	-3.9	-8.5	-15.3	-143.9
2015	124	-299.2	-16.0	-16.9	-23.1	-3.7	-9.1	-15.3	-109.9
2016	93	-323.2	-17.3	-16.8	-23.5	-4.1	-7.5	-14.1	-112.3
2017	52	-320.8	-16.3	-17.4	-25.0	-3.2	-8.7	-16.8	-113.0

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	758	88.7	92.9	90.0	94.4	97.6	91.6	96.3
1981	774	88.9	92.8	89.9	94.2	97.9	91.6	96.3
1982	595	89.3	92.5	90.3	94.9	97.9	91.9	96.1
1983	365	89.1	92.1	89.9	94.8	97.7	91.4	95.6
1984	251	88.9	92.7	89.7	94.4	98.9	91.5	95.6
1985	150	89.3	92.5	90.0	94.7	98.6	91.6	95.9
1986	75	89.5	93.3	90.3	94.8	99.3	91.6	96.7
1987	41	90.7	93.0	90.9	96.0	98.8	91.6	96.8
1988	43	90.6	93.0	91.0	96.0	98.7	92.1	97.2
1989	37	90.6	92.6	91.2	96.5	97.7	92.1	97.2
1990	31	90.4	92.5	90.4	95.7	98.9	92.1	97.2
1991	21	91.0	92.5	91.0	95.9	99.3	91.9	96.4
1992	31	91.6	94.1	92.0	96.8	99.9	92.2	97.9
1993	32	92.4	92.5	91.8	97.4	98.5	92.5	97.2
1994	23	90.9	92.3	91.3	96.8	98.7	91.5	96.7
1995	26	92.4	93.6	92.2	97.4	99.7	92.6	98.0
1996	20	92.2	94.0	93.3	98.2	99.8	91.5	97.5
1997	15	92.3	94.9	93.2	97.9	100.1	92.0	99.7
1998	15	92.5	94.1	92.2	97.2	100.5	92.5	97.0
1999	23	92.6	93.5	92.0	97.2	99.9	92.7	98.6
2000	18	93.6	93.9	93.2	98.0	100.3	92.8	97.1
2001	22	93.1	94.7	92.8	97.4	101.0	92.0	97.3
2002	19	93.1	94.6	93.5	97.9	100.0	91.8	98.4
2003	22	92.9	94.0	93.2	97.6	99.9	92.5	97.4
2004	24	92.6	93.8	93.2	97.8	99.5	91.7	98.2
2005	30	92.0	93.9	93.1	97.0	99.7	92.0	97.6
2006	29	93.2	94.1	93.8	98.1	99.0	92.4	99.2
2007	38	92.8	94.2	93.0	97.7	99.9	92.6	98.7
2008	31	92.6	93.8	93.0	97.4	99.7	92.7	98.3
2009	39	92.3	94.4	93.1	97.2	100.7	92.5	99.1
2010	36	91.8	93.3	91.4	95.9	100.1	93.1	99.6
2011	35	92.9	94.8	93.1	97.1	101.6	93.1	98.8
2012	38	93.6	94.9	93.4	97.4	101.2	91.8	100.8
2013	31	92.8	94.7	93.4	97.5	100.8	92.1	100.3
2014	39	92.9	94.2	92.8	97.2	100.9	92.6	99.0
2015	32	94.7	96.0	94.5	98.7	101.0	92.6	101.2
2016	31	95.5	95.2	95.2	99.6	99.7	93.4	101.0

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

Jaar	Aantal	BA	BZ	KH	BG
1980	758	95.2	95.8	88.9	93.6
1981	774	95.2	95.4	89.4	93.5
1982	595	95.7	95.8	90.2	93.8
1983	365	95.9	96.0	90.4	94.1

1984	251	96.2	96.0	91.1	94.1
1985	150	96.7	95.7	91.0	94.5
1986	75	97.0	96.0	91.7	94.4
1987	41	97.3	96.0	92.6	94.5
1988	43	97.2	95.7	92.7	94.6
1989	37	98.0	96.9	92.5	95.1
1990	31	98.5	96.6	93.4	95.3
1991	21	98.5	95.5	93.9	96.0
1992	31	98.6	95.6	94.2	95.9
1993	32	99.1	95.4	95.2	96.3
1994	23	99.0	96.3	96.0	96.0
1995	26	99.2	96.0	94.6	96.2
1996	20	100.2	96.5	96.5	97.8
1997	15	100.7	96.7	96.9	97.5
1998	15	100.7	97.1	95.6	97.9
1999	23	101.0	97.0	95.8	97.7
2000	18	100.9	97.3	96.3	97.8
2001	22	100.5	95.9	96.0	97.4
2002	19	102.4	96.4	97.4	98.5
2003	22	101.9	95.3	97.3	98.8
2004	24	100.8	95.6	96.4	97.8
2005	30	100.9	97.5	96.0	97.8
2006	29	100.3	97.1	96.1	97.1
2007	38	101.1	96.4	96.3	98.1
2008	31	101.1	96.4	96.3	98.5
2009	39	101.9	96.9	96.6	99.4
2010	36	101.3	96.2	96.2	98.5
2011	35	101.7	95.4	97.5	98.9
2012	38	102.1	96.1	97.6	99.4
2013	31	102.4	96.5	96.8	99.5
2014	39	101.8	95.7	97.0	99.4
2015	32	102.1	96.5	97.2	99.7
2016	31	101.5	96.8	97.2	98.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	758	99.2	92.4	101.3	99.5	94.5	95.7	92.7
1981	774	99.7	92.6	101.3	99.8	94.5	95.8	92.8
1982	595	100.3	93.2	101.0	100.5	95.3	96.2	93.6
1983	365	99.9	92.7	100.7	99.8	94.7	95.8	93.2
1984	251	99.9	92.7	100.9	100.1	94.4	96.0	93.4
1985	150	99.8	93.2	100.9	99.7	94.0	95.9	93.4
1986	75	100.0	93.2	101.1	99.7	94.3	95.6	93.3
1987	41	100.2	93.0	101.9	99.9	94.5	95.1	92.8
1988	43	100.7	93.7	101.4	100.3	95.4	95.8	93.6
1989	37	99.8	94.4	100.9	99.4	94.6	95.5	93.9
1990	31	100.3	93.6	101.9	99.7	93.7	95.0	93.5
1991	21	102.1	94.7	102.7	101.1	94.9	97.1	95.2
1992	31	102.5	95.1	101.9	101.1	94.6	96.2	94.6
1993	32	102.0	95.1	100.3	100.9	94.9	96.1	94.6
1994	23	101.3	95.5	101.1	100.7	94.1	96.1	94.8
1995	26	102.2	95.4	101.1	101.2	94.5	96.1	94.7
1996	20	102.5	96.2	101.3	100.8	94.5	96.0	95.2
1997	15	102.5	95.3	101.6	100.9	95.7	94.8	93.7
1998	15	102.4	96.7	100.7	101.6	94.6	96.5	95.8
1999	23	102.6	95.7	102.3	101.2	94.2	95.9	95.3
2000	18	103.7	96.7	99.2	102.4	94.6	95.7	95.0
2001	22	102.7	95.2	102.0	102.0	94.3	95.9	94.6

2002	19	102.6	97.2	100.6	101.1	95.2	95.5	95.1
2003	22	102.9	97.0	100.1	102.0	95.0	96.4	95.7
2004	24	101.7	95.5	101.0	100.7	95.0	95.0	94.0
2005	30	101.9	95.7	101.7	100.2	94.5	95.1	94.7
2006	29	101.0	95.9	103.0	99.4	94.6	95.0	94.2
2007	38	102.3	95.8	101.5	101.2	94.8	95.3	94.6
2008	31	101.6	95.4	101.5	100.5	94.8	95.3	94.4
2009	39	102.5	96.0	101.5	101.1	94.5	95.3	94.4
2010	36	102.4	96.2	102.2	101.0	93.6	95.6	94.9
2011	35	103.1	96.9	101.5	101.5	94.5	96.4	95.9
2012	38	103.7	97.0	102.8	101.6	94.4	95.9	95.3
2013	31	103.4	96.7	103.1	101.5	94.6	95.4	94.6
2014	39	103.4	96.8	102.2	102.2	95.3	97.0	95.9
2015	32	103.3	98.0	101.9	101.9	95.4	96.9	96.4
2016	31	103.5	97.1	103.3	101.6	96.1	96.4	95.2

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	758	87.9	91.2	97.3	90.7	101.7	88.7
1981	774	87.9	91.2	97.7	90.5	102.2	88.8
1982	595	87.9	91.6	98.5	91.2	101.7	89.7
1983	365	87.1	91.0	97.8	91.5	100.8	89.1
1984	251	87.4	91.6	97.8	91.7	101.2	89.4
1985	150	87.6	91.7	97.4	92.1	101.2	89.5
1986	75	88.3	92.9	97.7	92.2	101.8	90.0
1987	41	88.5	93.5	97.8	92.5	100.3	90.4
1988	43	89.1	93.5	98.5	92.3	100.7	90.8
1989	37	88.9	93.1	97.4	93.2	99.4	90.6
1990	31	88.5	92.7	97.3	93.7	99.8	90.5
1991	21	88.3	93.3	99.1	94.0	100.3	91.8
1992	31	90.2	95.6	99.2	94.0	101.2	92.7
1993	32	89.3	94.3	99.0	94.5	98.9	92.5
1994	23	88.2	93.6	98.3	94.5	98.7	91.8
1995	26	90.3	95.8	99.0	94.5	100.4	93.0
1996	20	90.0	96.6	98.9	96.4	100.0	94.0
1997	15	91.7	97.6	99.2	96.5	101.1	94.9
1998	15	89.9	96.2	99.4	96.4	100.5	94.1
1999	23	90.6	95.7	99.0	96.8	100.0	94.3
2000	18	90.4	97.1	100.0	96.8	100.2	95.0
2001	22	90.3	97.2	99.2	96.0	100.8	94.1
2002	19	90.9	97.2	99.3	97.6	100.4	95.2
2003	22	90.4	96.5	99.6	97.3	99.9	95.0
2004	24	90.4	96.3	98.6	96.2	99.8	93.9
2005	30	90.1	95.9	98.2	96.7	100.2	93.7
2006	29	91.4	96.7	97.9	95.9	100.0	93.7
2007	38	91.1	96.6	99.0	96.9	100.2	94.6
2008	31	90.8	96.1	98.5	97.2	100.1	94.3
2009	39	91.3	97.2	99.0	98.2	101.0	95.6
2010	36	90.9	95.0	98.6	97.1	100.5	94.2
2011	35	91.7	97.7	99.5	97.5	101.7	95.6
2012	38	92.2	98.1	99.7	98.3	101.5	96.3
2013	31	91.9	97.7	99.6	98.4	101.2	96.2
2014	39	91.2	97.1	100.3	98.0	100.9	95.9
2015	32	93.2	99.4	100.0	98.6	101.7	97.2
2016	31	93.5	99.1	100.3	97.8	100.4	97.0

Tabel: 202 Blaarkop - zwartbont: Vruchtbaarheidsskenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2028	103.2	102.5	102.8	103.9	103.5	101.7	94.0	103.6
1981	2004	103.4	102.3	102.7	103.8	103.5	101.8	93.8	103.5
1982	1580	103.6	102.4	103.1	104.1	103.9	101.8	93.6	103.9
1983	988	104.2	101.9	103.1	104.0	104.3	102.5	93.1	103.8
1984	704	104.0	102.0	102.9	103.9	104.0	102.1	93.7	103.6
1985	450	103.9	101.9	102.8	103.8	104.1	102.3	93.2	103.6
1986	315	104.0	101.5	102.7	103.4	104.0	102.1	93.2	103.3
1987	182	104.5	101.4	103.1	103.7	104.7	102.2	92.6	103.6
1988	152	104.1	101.4	102.6	103.3	104.0	101.6	92.9	103.2
1989	131	103.6	101.4	102.5	103.2	103.7	101.4	93.3	103.0
1990	121	104.1	101.3	102.9	103.3	104.3	101.7	92.7	103.3
1991	101	103.9	101.7	103.0	103.6	104.3	101.9	92.9	103.5
1992	104	103.8	101.4	102.8	103.1	104.0	102.0	93.4	103.1
1993	125	103.4	101.8	102.7	103.6	104.1	102.2	94.1	103.3
1994	88	103.9	101.7	103.1	103.9	105.0	102.5	93.6	103.7
1995	96	103.4	101.6	102.8	103.4	104.2	102.0	94.0	103.3
1996	107	103.0	101.5	102.3	103.0	103.3	101.7	95.2	102.9
1997	91	102.2	101.2	101.6	102.2	102.2	101.1	96.6	102.1
1998	82	102.3	101.2	101.7	102.5	102.6	100.9	95.4	102.2
1999	98	102.5	101.6	102.3	103.2	103.5	101.1	94.2	102.9
2000	82	102.0	101.5	101.8	102.8	102.9	100.9	95.0	102.5
2001	94	102.6	101.7	102.6	103.3	103.9	101.2	93.4	103.1
2002	77	103.0	100.9	102.1	102.7	103.8	101.9	94.6	102.5
2003	95	102.5	101.8	102.5	103.5	104.1	101.4	94.3	103.2
2004	106	102.8	101.4	102.6	103.3	104.2	101.5	94.3	103.1
2005	113	103.2	101.3	102.7	103.3	104.5	101.9	95.0	103.2
2006	140	103.5	101.2	103.0	103.4	104.8	102.1	94.7	103.4
2007	128	103.2	101.5	102.8	103.5	104.5	101.8	95.1	103.4
2008	130	103.4	101.3	102.9	103.5	104.6	102.1	95.0	103.3
2009	162	103.4	101.4	103.0	103.6	104.8	102.3	95.3	103.5
2010	141	103.2	101.6	103.1	103.6	104.3	102.2	96.3	103.5
2011	161	103.4	102.1	103.5	104.3	105.2	102.4	95.1	104.1
2012	200	103.6	102.1	103.8	104.4	105.5	102.5	95.6	104.4
2013	137	103.8	102.0	103.7	104.4	105.3	102.4	95.9	104.2
2014	174	103.6	102.5	104.0	104.9	105.8	102.4	95.4	104.7
2015	167	103.1	102.4	103.6	104.6	105.4	102.4	96.1	104.4
2016	144	103.2	102.1	103.6	104.4	105.5	102.4	96.6	104.3
2017	96	103.1	102.3	103.7	104.5	105.4	102.4	96.6	104.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	23	98.0	63.6	97.6	101.5	103.0
1981	18	98.2	37.9	97.1	101.0	102.5
1982	27	99.7	58.4	95.8	100.6	101.8
1983	27	99.4	72.0	96.6	101.0	102.3
1984	24	99.2	64.7	96.8	101.0	102.0
1985	24	99.6	65.1	96.7	101.1	102.0
1986	16	99.4	85.4	95.9	100.5	101.1
1987	14	100.8	70.5	95.3	99.8	100.3
1988	13	100.9	84.0	95.2	99.7	100.6
1989	17	100.0	75.6	95.1	99.3	100.8
1990	15	100.6	98.9	95.2	99.5	100.6

1991	15	97.9	97.7	95.5	100.3	100.6
1992	29	99.2	95.3	95.8	99.9	100.7
1993	28	98.7	98.5	95.8	99.8	100.8
1994	23	99.9	98.0	95.4	99.0	100.7
1995	26	99.7	91.4	95.8	99.3	100.6
1996	20	98.1	98.4	95.6	99.8	100.9
1997	17	99.8	91.9	95.5	99.2	100.5
1998	16	97.9	79.8	96.1	99.3	100.9
1999	21	98.3	98.7	95.4	98.7	100.4
2000	18	99.5	98.5	95.3	98.9	100.1
2001	23	97.9	98.8	96.1	99.3	100.3
2002	17	98.5	98.3	95.0	97.6	98.7
2003	22	97.3	94.4	97.1	99.6	100.0
2004	23	98.6	95.0	95.9	98.3	99.4
2005	28	97.6	91.1	96.2	98.4	99.4
2006	27	98.0	99.3	95.6	97.9	98.8
2007	37	98.3	98.5	95.6	98.0	99.1
2008	30	98.1	97.1	95.7	97.8	98.9
2009	39	99.0	97.2	95.9	97.9	99.0
2010	36	99.1	98.7	96.4	98.0	99.1
2011	32	97.8	98.2	96.2	98.3	99.1
2012	33	99.2	99.0	96.3	98.0	99.3
2013	29	98.9	94.9	96.5	98.4	99.5
2014	36	98.8	98.4	96.3	98.3	99.2
2015	27	98.1	98.7	96.7	98.8	99.5
2016	26	99.6	98.4	96.3	98.4	99.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	68	-128.5	-312.1	-180.3	102.6	103.6	97.3	90.7	98.8
1981	74	-131.6	-322.9	-198.8	102.1	103.5	97.7	90.5	98.6
1982	102	-128.0	-334.0	-181.9	101.5	103.9	98.5	91.2	98.9
1983	122	-127.1	-343.4	-169.8	102.0	103.8	97.8	91.5	100.0
1984	161	-151.7	-342.8	-263.7	101.8	103.6	97.8	91.7	100.0
1985	170	-153.7	-343.2	-346.9	101.9	103.6	97.4	92.1	99.7
1986	128	-156.8	-338.0	-393.5	101.0	103.3	97.7	92.2	98.8
1987	112	-166.7	-349.5	-468.2	100.1	103.6	97.8	92.5	99.0
1988	104	-170.5	-358.8	-471.4	100.3	103.2	98.5	92.3	99.0
1989	105	-156.0	-328.0	-430.7	100.2	103.0	97.4	93.2	98.7
1990	95	-171.8	-356.7	-472.4	100.1	103.3	97.3	93.7	98.7
1991	79	-172.3	-387.8	-496.2	100.5	103.5	99.1	94.0	99.2
1992	73	-155.4	-333.3	-421.7	100.4	103.1	99.2	94.0	99.2
1993	88	-142.5	-313.2	-386.1	100.5	103.3	99.0	94.5	99.0
1994	69	-132.1	-283.1	-350.0	100.0	103.7	98.3	94.5	98.5
1995	69	-118.6	-266.4	-297.2	100.1	103.3	99.0	94.5	98.7
1996	68	-124.1	-283.6	-331.6	100.5	102.9	98.9	96.4	98.8
1997	53	-103.8	-223.2	-296.6	99.9	102.1	99.2	96.5	98.5
1998	61	-87.9	-192.8	-213.3	100.4	102.2	99.4	96.4	98.4
1999	72	-95.9	-219.3	-201.8	99.8	102.9	99.0	96.8	98.4
2000	53	-105.7	-234.2	-241.1	99.6	102.5	100.0	96.8	98.4
2001	68	-86.8	-219.3	-175.1	99.8	103.1	99.2	96.0	99.0
2002	58	-103.9	-197.9	-237.1	98.0	102.5	99.3	97.6	98.2
2003	69	-78.0	-205.7	-139.7	99.9	103.2	99.6	97.3	98.7
2004	80	-78.7	-165.7	-166.8	98.8	103.1	98.6	96.2	98.7
2005	85	-76.7	-158.6	-142.2	98.8	103.2	98.2	96.7	99.2
2006	97	-86.6	-174.5	-197.8	98.2	103.4	97.9	95.9	99.2
2007	77	-70.1	-147.6	-156.1	98.5	103.4	99.0	96.9	99.1
2008	91	-73.1	-138.2	-156.8	98.3	103.3	98.5	97.2	98.6

2009	123	-65.0	-140.2	-151.3	98.4	103.5	99.0	98.2	98.9
2010	98	-61.9	-138.8	-111.0	98.5	103.5	98.6	97.1	98.9
2011	113	-63.1	-150.1	-130.6	98.6	104.1	99.5	97.5	98.4
2012	137	-60.3	-150.5	-116.5	98.6	104.4	99.7	98.3	98.6
2013	95	-43.6	-128.0	-76.8	98.9	104.2	99.6	98.4	99.0
2014	124	-52.0	-143.9	-127.0	98.6	104.7	100.3	98.0	98.9
2015	124	-32.5	-109.9	-69.5	99.1	104.4	100.0	98.6	99.0
2016	93	-32.9	-112.3	-56.7	98.7	104.3	100.3	97.8	99.2
2017	52	-37.4	-113.0	-67.5	98.3	104.4	100.0	95.0	99.3

Tabel: 205 Blaarkop - zwartbont: Klauwgezondheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2009	15	100.8	101.5	99.5	100.6	101.2	99.5	101.1
2010	12	99.8	100.6	99.1	99.8	100.1	98.6	101.3
2011	10	99.0	100.2	98.2	99.5	100.7	97.9	101.3

Tabel: 206 Blaarkop - zwartbont: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	23	95.9	100.2	95.9	100.2	96.7	102.0
1983	27	97.0	101.0	97.0	101.0	97.4	102.7
1984	26	96.8	101.0	96.8	101.0	97.5	102.6
1985	31	96.4	100.9	96.4	100.9	97.2	102.5
1986	34	95.7	99.8	95.7	99.8	96.3	101.6
1987	29	96.2	100.2	96.2	100.2	96.9	102.5
1988	32	96.5	99.7	96.5	99.7	97.0	102.0
1989	37	96.7	99.5	96.7	99.5	97.4	101.9
1990	42	97.0	99.5	97.0	99.5	97.2	102.1
1991	39	97.6	99.6	97.6	99.6	97.8	102.6
1992	59	97.8	99.8	97.8	99.8	98.0	102.7
1993	85	97.1	100.2	97.1	100.2	97.7	102.5
1994	80	97.2	99.6	97.2	99.6	97.8	101.9
1995	100	97.2	99.8	97.2	99.8	97.8	102.4
1996	106	97.2	99.9	97.2	99.9	98.0	102.2
1997	70	96.6	99.9	96.6	99.9	97.4	102.0
1998	78	96.7	99.8	96.7	99.8	97.6	101.6
1999	109	96.9	99.9	96.9	99.9	97.7	101.7
2000	95	97.4	99.6	97.4	99.6	98.2	101.5
2001	111	97.6	100.2	97.6	100.2	98.3	101.9
2002	86	96.6	99.5	96.6	99.5	97.1	100.8
2003	103	97.1	100.0	97.1	100.0	97.3	101.5
2004	131	97.4	99.8	97.4	99.8	97.8	101.9
2005	139	97.8	100.0	97.8	100.0	98.3	102.2
2006	168	97.7	100.2	97.7	100.2	98.2	102.2
2007	145	97.3	98.9	97.3	98.9	98.1	100.8
2008	161	96.9	100.0	96.9	100.0	97.5	102.2
2009	190	97.0	100.2	97.0	100.2	97.7	102.2
2010	173	97.2	100.0	97.2	100.0	97.9	102.3
2011	186	96.6	99.9	96.6	99.9	97.3	102.0
2012	238	96.8	100.0	96.8	100.0	97.4	102.1
2013	175	97.3	100.2	97.3	100.2	98.0	102.6
2014	216	97.3	99.7	97.3	99.7	98.1	101.9
2015	223	97.5	100.2	97.5	100.2	98.4	102.4

2016	222	97.4	100.4	97.4	100.4	98.3	102.6
2017	222	97.4	95.6	97.4	95.6	98.3	97.6
2018	237	97.1	93.3	97.1	93.3	98.1	95.2
2019	181	97.4	95.0	97.4	95.0	98.3	97.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	81	104.4	99.7	96.1	16.2	14.9	14.9
1981	64	104.5	100.2	95.9	26.8	24.7	24.5
1982	103	104.2	99.8	96.1	34.4	31.7	31.8
1983	166	103.8	99.8	96.6	42.2	39.4	39.6
1984	153	104.0	99.5	96.4	48.5	45.4	45.5
1985	97	103.7	99.3	96.6	67.4	62.3	62.9
1986	98	103.4	99.8	96.9	62.9	58.5	58.6
1987	41	103.0	99.6	97.3	74.1	68.5	69.0
1988	40	104.7	98.1	95.8	61.4	56.0	55.7
1989	39	104.7	98.2	95.6	70.6	64.2	63.9
1990	29	104.0	99.4	96.5	66.7	61.2	61.1
1991	28	104.1	100.3	96.1	39.8	37.0	37.1
1992	26	103.7	99.8	96.7	70.8	64.5	63.9
1993	31	103.2	100.1	96.8	78.1	71.3	73.1
1994	28	102.8	100.0	97.2	90.3	82.3	82.9
1995	20	104.2	98.5	96.0	80.6	75.0	75.0
1996	11	102.8	99.6	97.4	82.8	75.6	76.7
1997	21	102.0	99.9	98.4	67.2	62.4	62.0
1998	27	102.7	99.9	97.5	85.7	79.6	80.0
1999	35	102.3	100.6	98.1	86.5	80.7	80.5
2000	22	101.6	101.7	99.0	82.1	77.8	77.9
2001	36	102.2	101.6	98.1	92.0	87.8	86.9
2002	30	102.9	98.7	97.5	91.4	85.5	84.3
2003	36	103.7	101.5	96.7	96.9	92.2	94.4
2004	54	103.7	100.1	96.6	94.5	89.1	90.2
2005	65	104.2	98.6	96.1	99.6	92.7	92.4
2006	73	103.3	99.0	97.0	96.8	90.2	90.4
2007	82	103.7	98.3	96.6	95.0	88.5	87.5
2008	89	102.9	98.7	97.5	91.3	84.3	83.6
2009	122	102.9	98.6	97.6	90.6	83.7	82.9
2010	113	103.3	98.9	97.1	95.9	88.5	87.9
2011	122	102.8	99.0	97.7	94.0	86.4	86.0
2012	143	102.8	99.5	97.5	95.2	89.0	88.1
2013	90	103.3	99.6	97.0	92.4	86.7	87.6
2014	118	103.6	98.9	96.8	94.3	88.2	88.7
2015	109	102.8	99.7	97.4	87.4	81.8	82.8
2016	121	102.9	99.3	97.4	86.7	80.8	80.9
2017	69	102.4	101.0	97.8	93.6	86.8	88.5
2018	109	102.8	100.5	97.5	77.7	72.0	73.5
2019	87	103.5	99.9	96.9	86.3	79.4	80.0

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	112.1	92.2	98.1	115.7	93.5	103.6	96.5	115.4	93.0	100.5
1981	39	106.1	112.8	92.3	98.5	116.1	93.7	103.8	96.6	114.9	92.8	99.6

1982	51	106.5	111.6	92.2	98.9	115.6	93.2	104.5	96.4	115.1	93.0	100.9
1983	67	105.3	111.1	93.8	98.1	114.2	94.5	102.9	97.0	114.8	95.4	99.9
1984	66	103.8	110.0	95.0	98.2	111.7	95.4	102.3	96.7	112.2	94.1	96.4
1985	65	104.1	109.7	94.4	97.8	112.2	94.6	102.6	96.9	112.5	93.1	96.5
1986	54	104.8	109.3	93.4	98.3	112.5	94.0	103.3	97.0	112.4	92.4	97.7
1987	38	105.5	109.9	93.3	98.0	114.0	93.6	103.6	97.4	113.0	92.3	98.7
1988	42	104.9	108.9	93.6	97.6	113.0	93.7	103.3	96.8	112.4	92.1	98.2
1989	51	103.9	109.8	93.5	97.8	112.0	94.6	101.9	97.7	112.4	92.7	97.3
1990	46	103.5	109.2	94.8	97.2	111.9	95.0	101.4	97.5	112.2	93.2	96.9
1991	48	103.3	109.5	93.9	97.5	111.4	94.6	101.2	97.8	112.2	92.8	96.8
1992	67	101.8	108.7	94.5	96.9	109.6	95.9	99.3	98.4	111.3	93.6	95.9
1993	82	102.6	107.6	94.3	96.8	109.7	94.8	100.7	98.1	110.6	93.2	95.6
1994	69	102.7	108.6	94.6	97.0	110.6	95.1	100.4	98.4	111.3	93.5	96.4
1995	66	102.4	108.5	95.4	96.9	109.9	95.6	100.2	98.5	111.1	94.1	96.0
1996	88	102.1	108.2	95.0	97.2	109.3	95.5	100.1	98.1	110.7	93.8	96.0
1997	71	102.5	108.3	94.5	97.9	109.4	95.6	100.7	97.8	110.7	93.6	96.9
1998	71	102.0	108.4	94.5	98.2	108.7	95.5	100.2	98.1	110.4	93.8	96.4
1999	98	101.9	108.5	93.6	98.3	108.3	95.5	100.1	98.0	110.1	93.4	96.1
2000	76	101.1	108.1	94.1	97.9	107.6	95.9	99.5	97.8	109.8	93.6	95.5
2001	88	101.7	109.1	94.5	98.1	108.6	95.6	99.9	97.8	110.6	93.9	96.1
2002	73	100.7	106.6	95.6	97.2	106.8	96.6	99.0	98.6	108.7	94.5	95.1
2003	84	99.8	106.6	96.0	96.6	106.4	97.0	98.2	97.6	109.0	94.9	94.6
2004	121	100.3	107.2	95.2	97.0	107.1	96.4	98.9	97.1	109.4	94.4	95.1
2005	115	100.2	106.3	96.0	96.5	106.4	96.5	98.9	97.6	108.6	94.4	94.7
2006	120	99.7	106.4	96.3	96.3	106.3	96.8	98.5	97.0	108.8	94.7	94.8
2007	98	100.4	106.7	95.8	97.0	106.6	96.5	98.8	97.6	108.9	94.5	95.1
2008	116	100.0	106.2	95.6	97.2	105.8	97.2	98.6	97.6	108.6	94.8	95.2
2009	115	100.1	106.0	95.9	97.2	105.6	97.1	98.6	97.9	108.5	94.9	95.5
2010	82	99.8	105.8	95.5	96.9	105.6	97.3	98.2	98.2	108.2	94.8	94.8
2011	80	100.1	106.5	95.7	97.1	105.9	97.1	98.4	98.3	108.9	94.7	95.0
2012	64	100.3	106.0	95.9	97.3	105.4	97.5	98.9	98.1	108.2	95.3	95.3
2013	41	100.4	106.1	95.7	97.3	105.5	97.2	98.7	98.9	108.4	94.4	95.6
2014	41	100.6	106.3	96.0	97.2	106.0	97.2	99.0	98.2	108.0	95.6	94.9
2015	31	100.6	106.0	96.2	98.6	105.1	97.7	99.1	98.7	107.6	95.3	96.9
2016	31	99.9	105.1	95.9	97.7	104.5	97.5	98.5	98.3	107.1	95.0	96.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	24	99.0	94.2	98.1
1983	29	97.9	93.0	97.4
1984	24	96.3	91.7	97.2
1985	31	97.3	92.6	97.8
1986	34	98.0	93.3	98.1
1987	27	98.4	93.8	98.8
1988	28	98.3	93.6	98.6
1989	28	97.5	92.7	98.1
1990	38	96.6	91.8	97.9
1991	30	95.9	91.3	97.4
1992	55	96.0	91.3	97.3
1993	91	97.3	92.6	98.5
1994	105	96.4	91.5	98.0
1995	109	96.4	91.7	97.8
1996	110	96.3	91.7	97.7
1997	81	96.5	91.9	98.0
1998	80	96.7	91.8	97.7
1999	120	97.4	92.4	98.2
2000	111	96.6	91.5	97.8
2001	124	96.1	91.0	97.6

2002	92	95.2	90.0	96.6
2003	124	96.6	91.4	97.9
2004	159	96.2	91.0	97.9
2005	162	95.2	89.8	97.3
2006	203	95.0	89.6	97.3
2007	173	94.7	89.1	97.3
2008	187	94.8	89.2	97.4
2009	223	95.0	89.5	97.4
2010	187	94.6	89.0	97.2
2011	217	94.5	89.1	97.2
2012	261	95.3	89.9	97.5
2013	186	95.6	90.5	98.1
2014	235	95.9	90.7	98.3
2015	260	96.4	91.4	98.3
2016	251	96.7	91.6	98.7
2017	243	96.8	91.6	98.6
2018	281	96.8	91.6	98.9
2019	196	96.8	91.6	98.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	68	-2208.6	-7995.1	-386.5	-314.4
2002	58	-2500.5	-8972.7	-442.8	-353.1
2003	69	-1964.1	-6924.0	-340.9	-281.3
2004	77	-1964.6	-6796.6	-345.5	-279.9
2005	85	-1803.7	-6123.1	-320.9	-255.5
2006	97	-2156.3	-7450.5	-381.9	-305.9
2007	77	-1858.3	-6222.8	-334.5	-261.3
2008	92	-1810.3	-6036.0	-324.5	-255.4
2009	123	-1790.2	-6009.1	-323.2	-251.4
2010	98	-1543.4	-4972.9	-279.8	-216.9
2011	113	-1704.2	-5615.6	-304.2	-241.5
2012	137	-1615.4	-5319.7	-292.5	-226.7
2013	97	-1310.3	-4007.8	-236.1	-185.4
2014	126	-1652.7	-5452.9	-296.6	-233.3
2015	124	-1213.0	-3657.9	-218.3	-172.0
2016	96	-1133.5	-3372.1	-208.6	-158.5
2017	54	-1208.6	-3684.9	-217.1	-171.5

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

Jaar	Aantal	Eff	Int	Gewen
2009	10	96.9	100.4	105.0
2012	11	96.4	100.8	104.2
2014	10	98.2	104.1	104.6

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
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1980	71	97.6	101.5	0	0.0	0	0.0
1981	76	97.9	100.9	0	0.0	0	0.0
1982	103	96.8	100.1	0	0.0	0	0.0
1983	123	97.7	100.4	0	0.0	0	0.0
1984	161	97.6	100.9	0	0.0	0	0.0
1985	170	97.5	100.9	247	-4.1	0	0.0
1986	128	97.5	100.3	161	-3.9	0	0.0
1987	112	96.4	99.9	121	-4.0	0	0.0
1988	104	96.2	100.1	111	-4.0	0	0.0
1989	105	95.9	99.1	105	-3.9	0	0.0
1990	95	97.0	99.8	95	-4.1	0	0.0
1991	79	96.6	98.8	79	-4.1	0	0.0
1992	73	97.1	99.6	77	-3.7	0	0.0
1993	88	95.6	99.3	89	-3.7	0	0.0
1994	69	96.0	99.5	69	-3.6	0	0.0
1995	69	97.1	100.5	69	-3.2	0	0.0
1996	68	96.5	99.5	68	-3.3	0	0.0
1997	53	97.4	99.4	53	-2.8	0	0.0
1998	61	96.8	99.5	61	-2.6	0	0.0
1999	72	96.8	98.8	72	-2.7	0	0.0
2000	53	97.1	98.1	53	-2.7	0	0.0
2001	68	98.5	99.7	68	-2.7	22	92.5
2002	58	97.7	98.7	58	-2.5	19	92.6
2003	69	99.1	100.4	69	-2.6	22	91.4
2004	80	98.1	99.7	80	-2.3	24	91.5
2005	85	97.9	99.4	85	-2.2	30	91.4
2006	97	97.8	99.1	97	-2.3	29	92.3
2007	77	97.9	99.4	78	-2.0	38	92.3
2008	91	97.7	99.1	91	-2.0	31	91.7
2009	123	98.7	99.2	123	-1.8	39	92.9
2010	98	97.6	99.6	98	-2.0	36	91.5
2011	113	97.8	99.6	113	-1.9	35	93.6
2012	137	97.1	99.7	137	-1.9	38	94.3
2013	95	97.7	99.2	95	-1.7	31	93.6
2014	124	97.7	99.4	125	-1.8	39	93.0
2015	124	98.0	99.7	124	-1.5	32	95.5
2016	93	97.7	99.5	94	-1.6	31	94.9
2017	52	98.5	99.6	52	-1.6	1	95.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	78	-1150.7	-50.0	-46.1	-62.1	2.5	-6.7	-17.6	-312.7
1981	61	-1233.3	-51.7	-47.9	-65.9	6.6	-4.4	-17.7	-324.8
1982	118	-1271.7	-53.3	-48.5	-67.6	6.5	-3.1	-17.7	-331.2
1983	116	-1278.2	-53.4	-49.2	-67.9	6.9	-3.8	-17.7	-334.3
1984	132	-1283.4	-55.0	-50.1	-68.2	4.8	-5.0	-17.9	-341.3
1985	114	-1299.0	-55.2	-50.1	-68.9	5.4	-3.9	-17.9	-341.8
1986	144	-1260.9	-52.0	-48.4	-67.1	8.5	-3.3	-17.7	-328.0
1987	201	-1202.5	-47.7	-46.1	-64.5	11.8	-3.0	-17.7	-308.4
1988	184	-1301.1	-54.3	-50.0	-69.0	7.6	-3.4	-18.0	-339.6
1989	176	-1229.6	-50.4	-46.3	-65.7	8.8	-1.5	-17.8	-315.3
1990	177	-1263.5	-53.3	-47.5	-67.3	6.4	-1.2	-17.8	-326.8
1991	160	-1276.1	-53.5	-48.5	-67.9	6.7	-2.5	-17.9	-331.6
1992	173	-1163.4	-46.3	-44.5	-62.7	10.8	-2.9	-17.5	-298.8
1993	165	-1192.2	-47.9	-45.0	-64.0	10.5	-1.4	-17.6	-304.3
1994	158	-990.4	-40.5	-39.3	-54.8	7.5	-4.6	-17.1	-262.7
1995	162	-1033.2	-40.8	-41.1	-56.8	10.3	-5.1	-17.3	-271.2

1996	132	-913.1	-35.9	-36.1	-51.3	9.1	-3.9	-17.0	-238.7
1997	159	-801.3	-33.7	-32.2	-46.2	4.2	-4.1	-16.7	-216.5
1998	205	-755.5	-28.9	-30.1	-44.1	8.9	-3.5	-16.6	-197.4
1999	196	-785.0	-30.9	-30.5	-45.4	7.8	-2.2	-16.7	-203.8
2000	222	-714.0	-30.2	-29.8	-41.9	3.4	-5.4	-15.9	-198.3
2001	201	-687.3	-30.6	-28.8	-38.2	0.7	-5.4	-11.4	-193.9
2002	190	-643.8	-29.0	-28.0	-36.3	-0.1	-6.9	-11.5	-186.9
2003	186	-640.0	-26.8	-27.1	-36.9	3.7	-5.6	-12.8	-178.7
2004	180	-471.5	-24.3	-22.2	-29.9	-4.9	-7.7	-13.8	-151.1
2005	155	-422.1	-21.7	-21.3	-29.0	-4.3	-9.1	-16.1	-141.4
2006	187	-349.3	-20.4	-18.1	-26.1	-7.3	-8.3	-16.6	-125.2
2007	182	-327.7	-18.4	-17.7	-24.7	-5.7	-8.9	-15.8	-118.9
2008	161	-379.1	-20.7	-18.4	-27.4	-5.3	-6.7	-16.3	-127.2
2009	185	-221.6	-13.3	-13.9	-20.6	-5.0	-8.7	-16.7	-91.1
2010	157	-290.9	-16.0	-15.3	-23.7	-4.3	-7.0	-16.9	-103.5
2011	182	-299.1	-18.7	-15.9	-24.5	-8.1	-7.4	-17.6	-111.6
2012	183	-289.5	-18.0	-15.2	-23.8	-7.5	-6.8	-17.0	-107.3
2013	218	-333.4	-18.1	-15.3	-26.4	-4.6	-4.3	-18.4	-108.5
2014	186	-386.5	-19.2	-17.2	-28.9	-2.5	-4.3	-18.5	-119.7
2015	169	-342.7	-16.2	-15.5	-27.0	-1.2	-4.2	-18.6	-105.8
2016	141	-314.3	-16.5	-14.4	-25.6	-3.5	-4.0	-18.3	-101.6
2017	73	-289.9	-16.0	-13.8	-24.8	-4.6	-4.7	-18.9	-97.6

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	89.0	92.8	90.0	94.3	97.3	91.7	96.3
1981	340	89.2	92.6	89.8	94.4	97.5	91.6	96.2
1982	331	89.4	92.5	90.2	94.8	97.5	91.9	95.9
1983	224	89.1	92.7	89.9	94.4	98.2	91.3	96.3
1984	170	89.1	92.7	89.6	94.2	98.3	91.0	96.1
1985	111	88.9	92.8	89.8	94.2	99.0	91.2	96.2
1986	100	89.8	92.6	89.8	94.8	98.6	91.2	96.5
1987	107	90.0	92.8	90.3	95.3	98.3	91.3	97.2
1988	79	90.1	92.4	90.2	95.4	98.2	91.6	96.8
1989	74	90.8	92.4	90.6	95.9	98.0	91.7	97.6
1990	67	90.0	91.5	89.8	95.2	98.4	91.5	97.2
1991	59	90.6	92.6	90.8	96.1	99.1	92.1	97.3
1992	72	90.8	92.7	90.8	96.3	98.9	92.1	97.2
1993	75	91.1	92.7	91.3	96.9	98.8	92.3	97.3
1994	68	91.7	93.6	92.0	97.2	99.1	92.8	97.9
1995	75	91.1	93.2	91.2	96.6	99.3	91.9	97.2
1996	62	92.2	93.3	92.4	97.5	99.1	92.3	97.6
1997	64	93.1	93.8	92.7	97.8	99.4	92.0	97.7
1998	91	92.8	93.6	92.8	98.3	98.6	92.5	97.9
1999	72	93.8	94.1	93.4	98.6	99.1	92.5	98.4
2000	80	93.5	94.0	93.3	98.4	99.0	92.0	98.3
2001	81	93.4	93.8	93.3	98.5	98.6	91.3	98.6
2002	59	93.6	94.2	93.7	98.4	99.2	92.1	99.3
2003	67	94.1	94.4	93.8	98.6	99.4	92.1	98.6
2004	51	93.3	94.2	93.7	98.6	99.2	92.4	98.6
2005	51	94.1	93.7	93.9	98.9	98.4	91.8	99.7
2006	74	94.3	94.0	94.1	99.1	98.5	92.4	99.4
2007	68	94.3	94.5	94.4	99.0	99.0	92.5	99.9
2008	51	94.5	94.8	94.4	98.9	99.5	93.5	99.9
2009	60	95.7	95.0	95.2	100.4	98.0	92.8	101.1
2010	62	95.1	94.4	94.7	100.0	98.0	92.5	100.7
2011	64	94.8	94.7	94.6	99.5	98.6	92.5	100.7

2012	51	94.2	95.0	94.5	99.2	99.4	92.8	100.4
2013	56	95.6	94.8	95.3	100.3	98.7	92.6	101.1
2014	63	95.2	95.3	95.1	99.8	99.0	92.5	101.3
2015	60	95.5	95.1	95.0	99.5	99.2	92.9	100.1
2016	41	94.2	94.5	93.8	98.7	99.9	92.8	100.1

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

Jaar	Aantal	BA	BZ	KH	BG
1980	418	95.0	95.5	88.7	93.5
1981	340	95.3	95.3	89.2	93.7
1982	331	95.5	95.4	89.9	93.7
1983	224	95.7	95.4	90.4	93.8
1984	170	95.8	95.5	90.1	94.1
1985	111	96.1	95.9	90.9	94.3
1986	100	96.6	95.4	92.0	94.2
1987	107	96.6	94.8	91.9	94.2
1988	79	97.6	95.1	92.8	95.1
1989	74	97.7	95.5	93.2	94.7
1990	67	98.0	94.6	94.5	94.9
1991	59	98.6	95.1	94.7	95.6
1992	72	98.8	95.0	94.3	95.9
1993	75	99.2	96.4	94.8	96.2
1994	68	99.0	96.6	96.1	96.1
1995	75	98.9	96.0	95.8	96.1
1996	62	99.8	95.9	96.0	96.9
1997	64	100.5	95.9	97.0	97.5
1998	91	99.5	97.2	95.8	96.6
1999	72	100.9	96.4	96.9	97.5
2000	80	101.2	96.1	97.9	98.0
2001	81	101.0	97.0	96.8	97.6
2002	59	101.1	97.1	97.1	97.3
2003	67	101.4	96.6	97.5	98.0
2004	51	100.8	96.5	97.2	97.8
2005	51	100.9	98.2	96.7	97.5
2006	74	100.9	97.8	97.2	97.6
2007	68	101.7	97.2	97.8	98.3
2008	51	101.4	97.2	98.0	98.2
2009	60	101.0	97.2	97.2	98.2
2010	62	101.2	98.1	96.8	98.6
2011	64	101.4	96.7	97.6	98.8
2012	51	101.3	97.1	97.6	98.6
2013	56	101.8	97.8	97.1	98.9
2014	63	101.1	97.9	97.3	98.4
2015	60	101.1	97.3	97.3	98.6
2016	41	101.5	97.4	97.3	98.9

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	418	99.3	92.5	101.3	99.7	94.8	96.2	93.0
1981	340	100.0	92.9	101.3	100.1	95.0	96.2	93.1
1982	331	100.4	93.6	101.0	100.4	95.6	96.4	93.7
1983	224	100.0	93.5	101.0	100.0	95.1	96.4	93.8

1984	170	100.2	92.9	100.7	100.3	94.7	96.4	93.5
1985	111	100.1	93.3	101.0	100.1	94.6	96.5	93.8
1986	100	100.5	93.7	101.5	100.2	95.0	96.5	94.0
1987	107	100.9	94.0	101.6	100.6	95.7	96.0	93.7
1988	79	101.0	94.1	101.3	100.5	95.4	96.3	94.1
1989	74	101.6	94.5	101.9	101.0	95.0	95.8	93.8
1990	67	101.9	94.3	101.7	101.3	94.9	96.1	94.2
1991	59	102.2	95.1	101.6	101.1	94.8	96.4	94.8
1992	72	101.8	94.7	101.8	100.7	94.7	95.5	93.9
1993	75	101.7	95.5	101.1	100.4	94.4	95.5	94.3
1994	68	102.1	95.5	101.6	100.7	94.9	94.7	93.8
1995	75	102.0	95.1	101.0	101.3	94.4	95.4	94.2
1996	62	103.1	96.0	101.1	101.5	95.2	96.3	95.0
1997	64	101.9	95.9	101.8	101.1	95.6	96.1	94.9
1998	91	101.7	96.1	101.6	100.3	94.9	96.0	95.1
1999	72	102.3	96.2	101.9	100.6	95.0	95.7	94.9
2000	80	102.0	97.0	101.5	101.0	95.3	95.6	94.9
2001	81	101.6	96.5	102.3	100.5	95.3	95.0	94.7
2002	59	102.2	96.8	101.7	100.7	95.4	95.6	95.0
2003	67	102.7	97.5	101.9	101.1	95.7	96.3	96.0
2004	51	103.2	97.6	101.7	101.2	96.2	96.6	96.1
2005	51	102.8	97.3	102.5	100.7	96.6	96.5	96.0
2006	74	102.1	97.4	103.9	99.7	95.4	95.0	94.8
2007	68	102.3	97.4	102.6	100.4	95.8	95.4	95.2
2008	51	102.7	96.9	103.7	100.2	95.6	94.6	94.4
2009	60	102.0	97.3	102.7	99.7	96.0	94.7	94.6
2010	62	101.8	96.5	103.1	99.5	95.5	94.2	93.8
2011	64	102.4	97.2	102.8	100.2	96.4	95.2	94.6
2012	51	102.7	97.2	103.4	100.0	95.3	94.6	94.2
2013	56	102.9	97.4	103.7	100.4	96.2	95.7	95.1
2014	63	103.0	97.5	103.7	100.6	96.1	95.4	95.0
2015	60	103.7	97.4	103.2	101.7	96.6	95.8	95.3
2016	41	103.9	97.5	103.3	101.9	95.4	95.5	95.1

Tabel: 217 Verbeterd Roodbont: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	418	87.9	91.0	97.7	90.4	101.7	88.7
1981	340	87.7	90.9	98.2	90.6	101.7	89.0
1982	331	87.7	91.2	98.6	90.8	101.4	89.4
1983	224	87.6	91.5	98.2	91.1	101.6	89.3
1984	170	87.3	91.3	98.3	91.3	101.7	89.3
1985	111	87.5	91.8	98.1	91.7	101.9	89.6
1986	100	87.7	92.0	98.4	91.8	100.8	90.0
1987	107	88.3	92.5	98.9	91.5	100.7	90.3
1988	79	88.1	92.2	98.7	92.6	100.3	90.7
1989	74	88.6	92.7	98.9	92.5	99.8	91.0
1990	67	87.8	91.7	99.1	92.6	99.4	90.7
1991	59	88.8	93.5	99.1	93.5	100.1	91.8
1992	72	88.8	93.3	98.8	93.7	99.9	91.6
1993	75	89.2	94.1	98.5	94.6	99.0	92.2
1994	68	90.3	95.2	98.7	94.8	99.7	93.0
1995	75	89.0	94.4	98.9	94.5	99.7	92.4
1996	62	89.8	95.4	99.9	95.4	99.6	93.8
1997	64	90.0	96.0	99.3	96.0	99.3	94.0
1998	91	90.4	95.9	98.6	95.5	98.8	93.5
1999	72	91.0	96.8	99.0	96.5	99.2	94.4
2000	80	90.7	96.6	99.2	96.9	99.1	94.6
2001	81	90.4	96.3	98.6	96.6	98.7	94.0

2002	59	91.2	97.0	99.1	96.6	99.4	94.7
2003	67	91.1	97.2	99.5	97.0	99.5	95.1
2004	51	91.1	97.1	100.0	96.7	99.4	95.2
2005	51	91.3	96.9	99.8	96.7	98.7	95.0
2006	74	91.7	97.1	98.5	96.9	98.9	94.6
2007	68	92.3	97.6	99.1	97.6	99.6	95.6
2008	51	92.7	98.1	98.9	97.5	99.7	95.6
2009	60	93.3	98.7	98.8	97.4	98.8	95.7
2010	62	92.6	97.9	98.3	97.9	98.5	95.4
2011	64	92.7	98.0	99.3	97.8	99.3	95.9
2012	51	92.8	98.3	98.9	97.7	99.3	95.8
2013	56	93.2	98.9	99.4	98.1	98.8	96.5
2014	63	93.2	98.9	99.5	97.7	99.7	96.3
2015	60	92.8	98.7	100.5	97.6	99.8	96.6
2016	41	92.3	98.0	100.1	98.2	99.9	96.5

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	766	103.7	102.3	103.0	104.0	103.9	102.1	93.9	103.8
1981	657	103.5	102.3	102.9	104.0	103.7	102.0	93.9	103.7
1982	602	104.1	102.1	103.2	104.0	104.2	102.2	93.4	103.9
1983	438	104.2	102.0	103.0	104.0	104.3	102.6	93.1	103.8
1984	388	104.2	101.8	102.9	103.9	104.1	102.3	93.7	103.6
1985	283	104.3	101.6	102.7	103.8	104.2	102.8	93.3	103.5
1986	293	104.6	101.3	103.0	103.7	104.7	102.6	92.8	103.6
1987	301	105.0	100.9	103.1	103.6	104.9	102.6	92.9	103.6
1988	242	104.8	101.2	103.1	103.8	104.9	102.4	92.4	103.7
1989	214	105.2	100.9	103.4	103.7	105.2	102.5	92.6	103.8
1990	208	105.1	101.0	103.4	103.7	105.3	102.8	92.3	103.8
1991	216	105.0	101.3	103.6	104.0	105.5	102.8	92.8	104.1
1992	239	104.8	101.2	103.4	103.8	105.4	103.0	93.1	103.8
1993	220	104.7	101.3	103.5	103.9	105.6	103.2	93.3	103.9
1994	250	104.2	101.0	103.1	103.5	105.0	102.8	94.0	103.5
1995	230	104.3	101.2	103.3	103.7	105.2	102.7	93.6	103.7
1996	224	104.2	101.2	103.2	103.6	105.1	102.6	93.5	103.7
1997	272	104.0	100.9	103.0	103.3	104.8	102.5	94.3	103.4
1998	299	103.7	100.9	102.8	103.2	104.7	102.4	94.4	103.2
1999	287	103.2	101.3	102.6	103.3	104.5	102.0	94.1	103.2
2000	340	103.8	100.8	102.9	103.2	105.0	102.6	94.3	103.3
2001	292	103.5	101.0	102.8	103.2	104.7	102.4	94.2	103.2
2002	278	103.9	100.9	103.0	103.4	105.3	102.8	94.2	103.5
2003	267	103.3	101.0	102.6	103.2	104.7	102.2	94.5	103.2
2004	268	102.6	101.2	102.4	103.3	104.3	101.8	95.2	103.0
2005	216	103.8	100.7	102.9	103.3	105.2	102.6	94.7	103.3
2006	236	104.3	100.7	103.4	103.7	105.9	103.0	94.9	103.7
2007	253	104.0	100.5	103.0	103.2	105.4	102.7	94.9	103.4
2008	212	103.6	100.7	102.9	103.2	105.1	102.7	95.3	103.3
2009	241	103.5	100.6	102.8	103.1	104.9	102.7	95.8	103.2
2010	213	103.6	101.0	103.3	103.5	105.4	103.1	95.9	103.7
2011	215	103.8	101.1	103.4	103.7	105.7	103.2	95.7	103.8
2012	221	103.8	101.5	103.6	104.1	105.8	103.2	95.6	104.1
2013	262	103.9	101.8	104.0	104.5	106.2	103.3	95.6	104.5
2014	222	103.9	101.9	104.0	104.7	106.2	103.2	95.9	104.6
2015	226	103.6	101.7	103.6	104.2	105.7	103.0	95.9	104.2
2016	197	103.3	101.5	103.3	103.9	105.4	102.6	96.4	103.9
2017	120	103.6	101.5	103.6	104.2	105.8	102.9	96.0	104.2

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	21	97.7	73.6	97.7	102.0	103.4
1981	18	97.3	70.1	98.1	101.6	102.7
1982	31	99.1	56.9	96.1	101.0	102.3
1983	33	99.6	56.3	96.9	101.1	102.0
1984	24	99.4	53.0	97.5	101.5	102.4
1985	24	99.2	77.7	96.9	101.3	101.9
1986	20	100.4	69.2	96.5	100.9	101.6
1987	25	100.7	71.6	95.8	100.0	100.4
1988	31	100.2	83.1	95.5	99.8	100.3
1989	27	100.4	73.2	95.8	99.9	100.5
1990	30	100.2	99.1	96.4	100.0	101.4
1991	28	99.7	95.9	95.0	99.2	100.6
1992	69	100.1	97.5	95.4	99.4	100.6
1993	75	100.1	97.8	95.5	99.1	100.7
1994	64	98.9	97.5	95.9	98.9	100.8
1995	72	99.6	97.0	95.5	98.8	100.4
1996	60	100.0	96.0	96.0	99.4	100.8
1997	59	99.8	95.2	95.8	98.9	100.1
1998	89	99.3	96.7	95.4	98.3	100.0
1999	65	99.0	98.6	95.5	98.1	99.8
2000	81	99.0	96.5	94.9	97.6	99.6
2001	79	98.4	98.0	95.0	97.7	99.6
2002	60	98.8	96.2	94.6	97.2	99.1
2003	69	98.7	97.7	95.6	98.0	99.4
2004	49	98.7	93.8	95.2	97.4	99.2
2005	49	98.3	96.4	94.8	97.1	98.5
2006	70	97.8	96.1	94.8	97.0	98.1
2007	68	97.8	94.8	94.8	96.7	98.1
2008	51	97.8	98.0	95.1	97.0	97.9
2009	56	97.8	97.7	95.0	96.6	97.3
2010	61	97.3	95.8	95.1	96.8	97.6
2011	61	98.0	98.1	95.0	96.7	98.0
2012	50	98.2	97.6	95.5	97.0	98.2
2013	51	99.0	98.3	95.0	96.6	97.8
2014	51	98.5	98.1	95.5	97.2	98.1
2015	54	98.1	98.0	95.7	97.4	98.6
2016	32	98.6	98.6	96.2	98.0	99.3

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	76	-132.4	-312.7	-191.8	103.2	103.8	97.7	90.4	99.0
1981	60	-140.8	-324.8	-198.9	102.6	103.7	98.2	90.6	99.6
1982	117	-139.7	-331.2	-184.9	102.0	103.9	98.6	90.8	98.9
1983	116	-141.8	-334.3	-180.5	101.8	103.8	98.2	91.1	99.7
1984	132	-156.2	-341.3	-299.1	102.3	103.6	98.3	91.3	100.1
1985	114	-156.4	-341.8	-337.1	101.9	103.5	98.1	91.7	100.0
1986	144	-154.0	-328.0	-406.7	101.4	103.6	98.4	91.8	99.1
1987	201	-153.0	-308.4	-412.3	100.2	103.6	98.9	91.5	98.8
1988	184	-165.3	-339.6	-469.8	100.1	103.7	98.7	92.6	99.2
1989	175	-153.3	-315.3	-471.5	100.3	103.8	98.9	92.5	99.1
1990	177	-150.1	-326.8	-445.7	101.0	103.8	99.1	92.6	99.7

1991	160	-153.9	-331.6	-473.7	100.1	104.1	99.1	93.5	99.4
1992	173	-143.8	-298.8	-411.7	100.1	103.8	98.8	93.7	99.4
1993	165	-148.2	-304.3	-424.6	100.0	103.9	98.5	94.6	99.0
1994	157	-128.7	-262.7	-384.0	100.0	103.5	98.7	94.8	98.4
1995	162	-126.9	-271.2	-356.7	99.7	103.7	98.9	94.5	98.2
1996	132	-95.6	-238.7	-287.6	100.2	103.7	99.9	95.4	98.3
1997	159	-96.9	-216.5	-262.4	99.6	103.4	99.3	96.0	98.7
1998	205	-99.3	-197.4	-286.3	99.2	103.2	98.6	95.5	97.9
1999	196	-100.8	-203.8	-289.1	99.0	103.2	99.0	96.5	97.9
2000	222	-101.6	-198.3	-297.9	98.6	103.3	99.2	96.9	98.0
2001	201	-99.2	-193.9	-271.2	98.7	103.2	98.6	96.6	98.0
2002	190	-101.8	-186.9	-293.6	98.1	103.5	99.1	96.6	97.9
2003	186	-88.4	-178.7	-250.7	98.6	103.2	99.5	97.0	98.0
2004	180	-81.1	-151.1	-240.4	98.2	103.0	100.0	96.7	97.8
2005	155	-84.8	-141.4	-232.2	97.6	103.3	99.8	96.7	97.9
2006	187	-78.2	-125.2	-221.4	97.4	103.7	98.5	96.9	98.1
2007	182	-75.3	-118.9	-208.7	97.2	103.4	99.1	97.6	98.4
2008	161	-84.4	-127.2	-208.9	97.3	103.3	98.9	97.5	98.1
2009	185	-75.2	-91.1	-211.3	96.6	103.2	98.8	97.4	98.3
2010	157	-75.2	-103.5	-194.4	96.9	103.7	98.3	97.9	98.0
2011	182	-68.6	-111.6	-181.6	97.1	103.8	99.3	97.8	97.8
2012	183	-59.1	-107.3	-173.7	97.4	104.1	98.9	97.7	98.2
2013	218	-61.3	-108.5	-208.2	97.0	104.5	99.4	98.1	98.0
2014	186	-60.1	-119.7	-200.9	97.5	104.6	99.5	97.7	98.1
2015	169	-45.6	-105.8	-156.4	97.9	104.2	100.5	97.6	98.6
2016	141	-34.7	-101.6	-98.9	98.6	103.9	100.1	98.2	98.8
2017	73	-29.3	-97.6	-71.0	98.5	104.2	100.0	99.0	99.2

Tabel: 221 Verbeterd Roodbont: Klauwgezondheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1998	18	98.4	98.2	98.2	100.5	98.7	97.5	100.6
1999	11	98.5	98.3	97.6	100.9	98.5	97.8	100.5
2000	22	97.9	97.5	97.4	100.5	98.6	97.1	101.0
2001	28	98.1	97.7	97.8	100.6	98.3	97.2	100.6
2002	22	97.6	97.7	98.0	99.7	97.8	96.9	100.9
2003	24	98.5	98.6	98.0	99.9	99.8	97.5	101.7
2004	24	97.9	97.6	98.2	100.0	98.1	97.2	100.8
2005	21	98.5	98.6	98.4	99.8	99.2	97.1	101.2
2006	42	97.9	98.6	97.4	99.4	99.2	96.7	101.3
2007	38	98.6	99.1	97.7	100.1	99.3	97.5	101.3
2008	31	97.8	98.8	97.3	99.1	99.5	96.5	101.3
2009	30	98.3	99.2	98.3	99.5	98.9	97.0	100.7
2010	37	98.9	99.4	98.4	100.0	99.4	97.8	101.0
2011	27	99.0	99.8	98.3	100.1	99.9	97.7	101.3
2012	17	99.3	100.4	98.4	99.5	100.4	97.8	101.4
2013	14	97.7	99.0	97.2	99.3	99.1	96.5	101.0
2014	16	98.4	98.8	98.3	99.6	99.5	97.6	101.1

Tabel: 222 Verbeterd Roodbont: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1982	21	95.5	99.9	95.5	99.9	96.3	101.8
1983	18	96.4	101.0	96.4	101.0	97.1	102.4

1984	15	97.3	100.2	97.3	100.2	97.5	102.5
1985	11	96.2	100.7	96.2	100.7	96.6	102.5
1986	30	95.7	99.8	95.7	99.8	96.5	101.9
1987	53	95.7	99.9	95.7	99.9	96.5	101.9
1988	64	96.3	99.8	96.3	99.8	97.0	102.1
1989	64	96.6	99.6	96.6	99.6	97.0	102.2
1990	79	97.9	100.0	97.9	100.0	98.2	102.9
1991	95	97.4	100.0	97.4	100.0	97.7	102.7
1992	125	97.3	100.1	97.3	100.1	97.6	102.7
1993	163	97.3	100.0	97.3	100.0	97.7	102.3
1994	200	97.2	99.4	97.2	99.4	97.9	101.5
1995	210	97.1	99.1	97.1	99.1	97.6	101.8
1996	194	97.0	99.0	97.0	99.0	97.6	101.4
1997	240	97.1	99.8	97.1	99.8	97.8	102.2
1998	327	96.5	99.3	96.5	99.3	97.2	101.2
1999	325	96.5	99.0	96.5	99.0	97.3	100.7
2000	369	96.8	99.1	96.8	99.1	97.6	100.6
2001	344	96.8	99.4	96.8	99.4	97.7	100.8
2002	366	96.6	99.3	96.6	99.3	97.4	100.5
2003	380	96.2	99.7	96.2	99.7	97.2	100.9
2004	355	95.9	99.7	95.9	99.7	97.1	100.9
2005	310	96.3	99.5	96.3	99.5	97.2	101.1
2006	328	96.4	99.6	96.4	99.6	97.3	101.4
2007	316	96.7	99.8	96.7	99.8	97.5	101.4
2008	275	96.9	99.3	96.9	99.3	97.9	100.8
2009	321	96.8	99.0	96.8	99.0	97.7	100.3
2010	304	96.8	99.3	96.8	99.3	97.6	100.7
2011	298	96.6	99.1	96.6	99.1	97.4	100.7
2012	296	97.1	99.2	97.1	99.2	97.8	101.0
2013	331	97.1	99.0	97.1	99.0	97.7	100.7
2014	315	97.4	99.0	97.4	99.0	98.0	100.9
2015	332	97.4	99.5	97.4	99.5	98.3	101.1
2016	311	97.6	99.7	97.6	99.7	98.2	101.4
2017	309	97.8	99.1	97.8	99.1	98.6	100.7
2018	249	98.0	97.7	98.0	97.7	98.9	99.4
2019	231	97.9	98.4	97.9	98.4	98.9	99.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	67	105.1	99.8	95.2	24.2	22.1	22.0
1981	62	105.4	100.1	95.0	35.9	32.6	32.3
1982	91	105.6	98.9	94.8	44.9	40.6	40.6
1983	94	104.6	99.2	95.8	60.0	55.6	55.7
1984	102	104.6	99.3	95.7	68.3	63.0	63.0
1985	88	105.5	98.6	94.9	53.2	48.4	48.5
1986	65	105.1	98.1	95.2	71.0	64.3	64.1
1987	71	104.8	98.4	95.4	76.8	69.2	69.8
1988	60	105.8	97.5	94.5	75.7	67.9	67.2
1989	42	105.1	98.6	95.1	68.4	61.6	61.3
1990	47	104.6	99.5	95.6	69.1	63.7	63.9
1991	55	105.1	99.5	95.0	44.9	40.1	39.8
1992	55	104.6	99.3	95.7	67.3	60.3	60.1
1993	62	104.0	99.8	96.0	78.9	71.2	71.5
1994	65	103.3	99.2	96.8	89.6	81.1	80.9
1995	62	103.8	99.2	96.4	81.3	75.7	75.2
1996	54	103.3	100.3	97.0	74.0	69.9	69.9
1997	69	102.9	99.7	97.3	88.1	81.0	81.7
1998	97	102.3	100.1	97.9	89.8	82.4	82.4

1999	79	102.6	100.0	97.7	89.6	83.1	82.9
2000	101	102.0	99.7	98.3	93.9	86.2	85.5
2001	95	102.0	100.1	98.3	99.5	91.8	91.3
2002	90	101.9	99.8	98.3	98.7	90.6	89.9
2003	117	102.6	99.8	97.6	96.3	88.3	88.4
2004	113	102.7	99.6	97.4	96.6	88.8	88.5
2005	134	102.8	98.9	97.0	98.6	89.9	89.9
2006	123	102.7	98.6	97.2	97.8	88.9	88.4
2007	189	102.3	98.1	97.8	99.4	91.1	89.9
2008	156	101.9	98.7	98.3	101.6	93.4	91.7
2009	189	102.5	98.6	98.0	99.2	90.7	87.6
2010	177	102.8	98.0	97.8	98.6	90.5	87.3
2011	156	102.7	98.1	97.8	98.3	90.1	87.5
2012	177	103.0	98.4	97.4	101.3	93.1	90.8
2013	192	102.9	98.1	97.4	99.7	92.1	89.9
2014	159	103.1	98.0	97.0	101.2	92.9	91.9
2015	156	102.9	98.9	97.2	87.5	80.3	79.0
2016	155	102.9	98.4	97.2	94.4	85.7	84.1
2017	126	102.7	99.1	97.4	87.5	79.9	79.3
2018	111	102.7	99.3	97.5	87.8	81.2	80.3
2019	106	102.8	98.4	97.3	78.9	72.6	71.4

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	105.8	112.1	92.7	98.1	115.5	93.4	103.6	96.6	114.7	92.8	99.6
1981	28	105.4	111.6	92.5	97.9	115.3	93.6	103.1	96.5	115.1	92.6	99.0
1982	73	106.2	111.6	92.6	98.1	116.0	93.1	104.1	96.3	115.2	93.0	100.3
1983	61	104.9	111.2	94.3	98.1	114.5	94.5	103.0	96.2	114.1	94.6	98.8
1984	50	103.8	109.9	95.2	97.9	112.0	95.5	102.3	96.3	112.6	94.7	97.1
1985	56	104.7	110.8	94.8	97.9	113.9	94.7	103.1	96.1	113.0	93.9	97.8
1986	59	105.2	109.9	93.8	98.0	114.1	93.7	103.6	96.1	113.5	92.6	98.0
1987	69	105.6	109.1	93.6	97.8	114.1	93.0	104.2	96.3	113.0	91.9	98.6
1988	79	104.8	109.5	93.8	97.9	113.2	93.8	103.1	96.9	112.7	92.2	98.1
1989	81	104.5	109.1	94.4	97.6	113.0	94.2	102.7	96.9	112.7	92.6	98.0
1990	96	103.8	109.4	94.2	97.0	112.6	94.3	101.8	96.8	112.6	92.8	97.1
1991	129	103.8	109.8	94.1	97.6	112.2	94.7	101.8	97.2	112.6	92.8	97.3
1992	148	103.0	109.2	94.7	97.1	111.6	95.1	100.9	97.3	112.3	93.3	96.8
1993	172	102.2	108.9	94.4	96.8	110.5	95.4	99.9	97.9	111.7	93.4	96.2
1994	205	102.4	108.4	94.6	97.3	109.9	95.3	100.1	98.4	111.1	93.1	96.5
1995	187	102.9	109.1	95.3	97.0	111.1	95.3	100.5	98.1	111.8	93.8	96.7
1996	191	102.8	108.4	95.6	97.0	110.4	95.4	100.5	98.4	111.3	93.7	96.6
1997	264	102.5	107.5	95.9	96.3	109.9	95.2	100.3	98.3	110.9	93.7	96.1
1998	304	102.2	106.9	95.8	96.7	109.0	95.6	99.9	98.9	110.3	93.8	96.2
1999	310	101.9	107.4	95.5	96.7	109.0	95.6	99.5	98.7	110.6	93.6	95.8
2000	337	101.5	107.0	96.1	96.4	108.5	95.6	99.3	98.7	109.9	93.9	95.3
2001	330	101.3	106.7	96.1	96.0	108.2	95.6	98.9	99.2	109.7	93.9	94.9
2002	344	101.1	106.3	96.8	95.5	108.1	95.8	98.5	99.7	109.6	94.1	94.6
2003	347	100.9	106.3	96.1	96.0	107.9	95.7	98.6	99.1	109.4	94.1	94.5
2004	308	100.9	106.1	95.6	96.6	107.3	95.7	98.8	99.0	108.9	93.8	94.8
2005	252	100.6	105.0	96.2	96.2	106.4	96.2	98.6	99.2	107.8	94.4	94.5
2006	255	100.9	104.5	96.4	96.3	106.3	96.3	99.1	99.4	107.4	94.7	94.7
2007	256	100.6	104.5	97.0	96.6	105.6	97.0	98.7	99.4	107.4	95.1	95.0
2008	191	99.5	104.8	96.3	97.0	104.7	97.7	97.6	98.9	107.2	94.8	95.1
2009	219	99.5	103.9	97.1	96.7	104.1	97.8	97.6	99.4	106.8	94.9	94.9
2010	168	99.7	104.2	96.5	96.9	104.3	97.9	97.6	99.9	107.1	94.9	95.2
2011	147	99.8	104.1	96.5	96.6	104.5	97.4	97.6	99.9	107.1	94.6	94.9
2012	109	100.0	104.1	97.0	96.5	104.9	97.3	98.0	99.7	107.0	94.7	95.0
2013	93	99.9	103.8	97.0	96.9	104.1	98.3	97.5	100.8	107.0	95.2	95.4

2014	82	99.8	103.8	97.3	96.7	104.2	98.1	97.7	100.1	106.6	95.1	95.2
2015	59	99.7	104.7	96.6	97.2	104.5	97.9	97.7	99.8	106.9	95.2	95.0
2016	41	100.5	105.0	96.1	97.5	105.4	97.7	98.4	99.6	107.6	95.3	95.6

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	20	98.7	94.0	98.3
1983	18	97.6	92.7	97.5
1984	17	96.8	91.8	97.1
1985	11	98.3	93.4	97.9
1986	28	98.5	93.8	98.3
1987	47	99.0	94.4	98.4
1988	60	97.9	93.3	98.2
1989	65	97.2	92.6	98.3
1990	80	96.6	92.2	98.6
1991	85	96.7	92.1	98.1
1992	108	96.5	91.7	97.9
1993	167	96.4	91.5	97.9
1994	253	95.2	90.2	97.3
1995	235	95.7	91.1	97.9
1996	260	95.8	91.3	98.2
1997	321	96.1	91.5	98.1
1998	422	96.1	91.2	97.9
1999	415	96.2	91.2	97.9
2000	473	95.6	90.6	97.4
2001	445	96.2	91.1	97.9
2002	460	96.0	91.0	97.6
2003	498	96.4	91.1	98.1
2004	470	96.6	91.1	98.4
2005	377	95.6	90.0	97.3
2006	379	95.0	89.4	96.8
2007	374	94.4	88.8	96.6
2008	315	94.1	88.3	96.5
2009	364	94.0	88.2	96.0
2010	348	94.2	88.5	96.3
2011	340	94.2	88.5	96.5
2012	383	94.6	88.9	96.8
2013	398	94.5	88.8	96.6
2014	377	94.1	88.5	96.7
2015	373	94.6	89.1	96.9
2016	357	95.5	90.1	97.5
2017	324	95.6	90.2	97.7
2018	273	95.4	90.0	97.7
2019	204	95.7	90.3	97.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	199	-2667.4	-9734.0	-473.4	-375.8
2002	189	-2766.2	-10101.2	-488.8	-390.8
2003	184	-2505.9	-9135.9	-441.0	-355.1
2004	181	-2356.5	-8335.0	-422.7	-330.8
2005	151	-2265.1	-7939.7	-404.3	-319.4

2006	187	-2142.6	-7425.4	-388.0	-299.6
2007	182	-2057.2	-7084.2	-370.8	-288.6
2008	161	-2092.1	-7287.3	-379.7	-291.9
2009	186	-1977.5	-6814.0	-356.2	-277.6
2010	157	-1921.5	-6633.3	-348.5	-268.5
2011	182	-1880.8	-6370.2	-345.3	-261.1
2012	183	-1810.7	-6102.7	-332.3	-251.5
2013	219	-2023.3	-7095.8	-369.3	-281.2
2014	187	-2016.2	-7089.0	-364.9	-281.7
2015	169	-1710.8	-5899.4	-309.6	-239.5
2016	141	-1352.2	-4402.0	-250.6	-187.0
2017	77	-1164.6	-3563.6	-218.6	-160.5

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

Jaar	Aantal	Eff	Int	Gewen
2009	11	96.3	101.0	104.6
2014	14	96.6	103.5	104.6

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	78	97.8	101.4	0	0.0	0	0.0
1981	61	97.0	101.2	0	0.0	0	0.0
1982	118	96.6	100.6	0	0.0	0	0.0
1983	116	97.1	101.1	0	0.0	0	0.0
1984	132	97.0	100.9	0	0.0	0	0.0
1985	114	96.4	100.5	165	-4.2	0	0.0
1986	144	96.6	100.2	183	-4.1	0	0.0
1987	201	96.1	100.1	213	-3.9	0	0.0
1988	184	95.7	100.0	189	-4.0	0	0.0
1989	176	96.2	100.0	179	-3.8	0	0.0
1990	177	96.5	100.6	177	-4.0	0	0.0
1991	160	95.6	99.6	160	-4.0	0	0.0
1992	173	96.8	99.5	175	-3.7	0	0.0
1993	165	95.4	99.6	166	-3.7	0	0.0
1994	158	95.9	99.2	159	-3.2	0	0.0
1995	162	96.4	100.0	162	-3.3	0	0.0
1996	132	96.7	99.9	132	-3.0	0	0.0
1997	159	96.6	99.5	159	-2.8	0	0.0
1998	205	96.1	98.7	205	-2.6	0	0.0
1999	196	96.0	98.9	196	-2.7	0	0.0
2000	222	96.0	98.3	222	-2.6	0	0.0
2001	201	95.7	97.9	201	-2.5	81	91.8
2002	190	95.8	98.0	190	-2.5	59	92.5
2003	186	96.7	98.9	186	-2.4	67	92.9
2004	180	96.3	98.7	180	-2.1	51	92.3
2005	155	96.3	98.3	155	-2.1	51	92.4
2006	187	97.2	98.4	187	-2.0	74	92.6
2007	182	97.3	98.4	182	-1.9	68	93.3
2008	161	97.3	98.9	162	-1.8	51	93.9
2009	185	97.4	98.7	185	-1.5	60	94.0
2010	157	97.6	99.0	157	-1.6	62	93.0
2011	182	97.0	98.7	182	-1.7	64	93.6

2012	183	97.2	99.1	183	-1.6	51	94.0
2013	218	97.0	98.9	218	-1.5	56	94.3
2014	186	96.8	98.7	187	-1.5	63	94.6
2015	169	97.2	98.8	169	-1.5	60	94.3
2016	141	97.3	98.7	141	-1.6	41	93.6
2017	73	96.9	98.6	74	-1.5	7	95.4

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1996	13	-1354.3	-71.8	-60.6	-71.5	-21.8	-20.5	-18.4	-420.9
1998	15	-1330.1	-75.3	-60.6	-70.3	-30.6	-22.3	-18.2	-427.7
1999	18	-1381.7	-76.1	-59.4	-72.6	-28.7	-16.3	-18.0	-425.3
2000	25	-1154.8	-69.6	-55.3	-62.3	-35.0	-24.0	-17.5	-391.6
2001	23	-1372.8	-82.0	-61.5	-71.6	-40.8	-20.9	-16.8	-445.9
2002	15	-1204.9	-74.9	-58.7	-65.9	-40.6	-27.3	-20.1	-417.8
2003	36	-1282.2	-79.8	-60.8	-67.2	-43.9	-25.9	-15.9	-437.1
2004	32	-1327.8	-76.6	-59.1	-68.7	-34.2	-19.7	-15.1	-423.9
2005	42	-1330.6	-80.2	-59.0	-69.3	-41.1	-19.2	-15.8	-431.3
2006	45	-1208.2	-75.9	-56.4	-63.5	-42.5	-22.3	-15.5	-409.6
2007	32	-1247.1	-79.4	-58.2	-64.5	-45.8	-22.8	-13.5	-425.0
2008	29	-1403.4	-83.2	-61.4	-72.6	-40.9	-18.6	-16.0	-448.4
2009	19	-1427.6	-85.0	-61.7	-70.3	-43.2	-17.8	-9.4	-452.8
2010	31	-1457.5	-87.3	-63.0	-71.5	-44.5	-17.8	-9.4	-463.0
2011	27	-1369.0	-83.4	-60.0	-65.5	-44.1	-18.0	-5.3	-440.6
2012	20	-1316.0	-78.7	-58.4	-63.6	-39.4	-18.4	-6.3	-423.6
2013	15	-1502.1	-84.6	-62.1	-71.7	-36.3	-13.6	-5.5	-453.7
2015	11	-1641.6	-99.3	-70.9	-78.9	-54.2	-20.4	-6.4	-522.8

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1996	13	102.4	103.5	102.0	104.2	102.5	100.5	88.6	103.4
1998	16	101.2	104.1	101.4	103.8	101.7	99.9	88.7	102.8
1999	18	102.4	103.8	102.5	104.3	103.1	100.1	87.7	103.6
2000	28	102.3	104.1	102.8	104.7	103.1	100.8	88.6	104.0
2001	23	101.6	104.3	102.2	104.3	102.3	100.2	89.0	103.5
2002	15	102.7	104.1	102.8	104.7	103.3	101.5	88.9	104.1
2003	39	101.2	103.9	101.6	104.1	101.7	99.9	89.7	103.1
2004	34	101.8	104.1	102.2	104.3	102.4	100.1	89.0	103.5
2005	42	100.7	104.4	101.6	104.1	101.6	99.5	89.9	103.1
2006	46	101.8	104.3	102.5	104.6	102.7	100.2	89.3	103.8
2007	33	102.2	104.6	103.0	105.2	103.3	100.6	89.7	104.4
2008	29	101.7	104.1	102.3	104.5	102.5	99.9	88.9	103.6
2009	20	101.9	104.7	102.8	105.2	103.0	100.0	88.5	104.2
2010	40	102.5	103.7	102.5	104.4	103.0	100.2	88.3	103.6
2011	37	102.4	104.7	103.2	105.3	103.4	100.3	88.7	104.4
2012	27	102.5	104.2	102.8	104.8	103.3	100.6	88.9	104.1
2013	17	102.2	105.2	103.3	105.9	103.4	100.3	89.6	104.8
2014	10	103.3	103.6	103.2	104.8	104.1	100.9	89.3	104.2
2015	13	101.8	105.2	102.8	105.3	102.9	100.2	89.4	104.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1996	13	-96.4	-420.9	161.8	104.5	103.4	0.0	0.0	0.0
1998	15	-105.1	-427.7	166.0	103.3	102.8	0.0	0.0	0.0
1999	18	-86.5	-425.3	174.0	104.0	103.6	0.0	0.0	0.0
2000	25	-71.8	-391.6	163.4	104.2	104.0	0.0	0.0	0.0
2001	23	-96.2	-445.9	115.1	104.0	103.5	0.0	0.0	0.0
2002	15	-75.4	-417.8	174.7	104.3	104.1	0.0	0.0	0.0
2003	36	-92.8	-437.1	159.4	103.9	103.1	0.0	0.0	0.0
2004	32	-84.8	-423.9	168.6	103.8	103.5	0.0	0.0	0.0
2005	42	-96.9	-431.3	185.9	102.6	103.1	0.0	0.0	0.0
2006	45	-79.1	-409.6	181.7	102.9	103.8	0.0	0.0	0.0
2007	32	-87.7	-425.0	161.8	103.5	104.4	0.0	0.0	0.0
2008	29	-99.1	-448.4	155.9	103.1	103.6	0.0	0.0	0.0
2009	19	-86.9	-452.8	182.3	103.7	104.2	0.0	0.0	0.0
2010	31	-91.7	-463.0	144.3	104.2	103.6	0.0	0.0	0.0
2011	27	-73.1	-440.6	169.1	104.2	104.4	0.0	0.0	0.0
2012	20	-86.7	-423.6	182.7	103.5	104.1	0.0	0.0	0.0
2013	15	-94.5	-453.7	151.5	103.7	104.8	0.0	0.0	0.0
2015	11	-139.6	-522.8	181.8	102.1	104.2	0.0	0.0	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1999	14	79.6	104.9	117.7	83.1	63.9	60.2
2000	23	79.1	104.9	118.2	70.6	54.6	51.4
2001	19	79.6	104.9	117.7	79.0	62.3	57.8
2002	15	79.2	105.5	117.7	108.1	84.3	79.6
2003	23	79.2	105.5	118.0	90.7	71.0	66.6
2004	24	79.2	104.7	117.9	101.1	79.5	74.3
2005	27	80.2	104.5	117.3	99.4	77.1	72.1
2006	29	79.1	105.1	118.3	100.1	77.9	73.3
2007	25	80.6	104.9	117.0	112.4	86.4	81.0
2008	17	79.5	104.2	117.6	102.3	78.6	74.1
2009	13	79.1	104.9	118.0	80.5	62.0	58.4
2010	24	77.6	105.0	119.3	87.7	67.9	63.9
2011	17	78.4	105.6	118.6	102.4	79.9	74.4
2012	12	79.6	105.8	117.7	107.6	81.4	77.7

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	13	106.8	130.8	100.9	117.1	109.2	105.2	101.5	102.3	122.2	108.5	107.9
2004	12	106.4	129.4	100.8	117.2	107.6	105.0	101.6	102.3	121.3	108.5	108.4
2005	12	105.8	127.5	101.1	115.5	107.1	104.9	100.9	102.8	119.8	108.0	106.5
2006	18	105.2	126.0	101.1	114.8	106.7	104.8	100.6	101.7	119.4	107.9	106.8
2008	12	105.6	127.4	101.3	115.8	106.7	105.0	101.1	101.9	119.8	108.5	106.9
2011	11	105.2	130.3	101.9	117.5	106.9	105.4	100.5	100.8	122.1	109.0	108.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	19	-1502.4	-3603.3	-297.4	-202.3
2002	15	-1120.9	-1727.1	-223.4	-153.4
2003	31	-1289.2	-2339.4	-260.9	-173.2
2004	31	-1193.7	-2403.5	-238.4	-161.2
2005	37	-1053.0	-1692.3	-224.3	-136.5
2006	42	-1044.5	-1563.1	-221.2	-136.4
2007	29	-1195.9	-2016.9	-247.6	-158.2
2008	24	-1284.4	-2656.6	-264.3	-169.3
2009	14	-1304.6	-2770.4	-270.0	-170.7
2010	25	-1394.6	-3095.0	-287.8	-182.4
2011	27	-1261.3	-2619.9	-263.1	-164.1
2012	17	-1100.2	-1915.9	-234.7	-141.8
2013	11	-1310.7	-3191.6	-269.8	-170.7

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1996	13	98.5	95.7	0	0.0	0	0.0
1998	15	96.2	94.6	0	0.0	0	0.0
1999	18	96.1	95.6	0	0.0	0	0.0
2000	25	96.2	94.8	0	0.0	0	0.0
2001	23	96.5	95.1	0	0.0	0	0.0
2002	15	99.5	97.7	0	0.0	0	0.0
2003	36	98.3	95.5	0	0.0	0	0.0
2004	32	97.0	95.9	0	0.0	0	0.0
2005	42	97.9	96.5	0	0.0	0	0.0
2006	45	97.4	95.9	0	0.0	0	0.0
2007	32	97.1	95.2	0	0.0	0	0.0
2008	29	96.7	96.9	0	0.0	0	0.0
2009	19	96.9	96.5	0	0.0	0	0.0
2010	31	97.0	96.4	0	0.0	0	0.0
2011	27	98.1	97.1	0	0.0	0	0.0
2012	20	97.2	97.6	0	0.0	0	0.0
2013	15	97.1	96.2	0	0.0	0	0.0
2015	11	98.5	99.0	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	-790.8	-39.7	-38.9	-45.7	-7.5	-17.0	-16.7	-256.7
1997	12	-705.6	-33.1	-35.8	-41.8	-2.2	-17.2	-16.7	-229.0
1999	11	-606.0	-36.7	-33.5	-37.3	-16.5	-19.0	-16.0	-225.8
2000	13	-769.8	-42.5	-40.0	-44.6	-14.1	-20.5	-16.4	-266.7
2001	18	-464.7	-35.4	-30.7	-30.7	-23.1	-22.1	-15.9	-209.4
2002	17	-746.6	-42.5	-38.6	-42.5	-15.8	-19.1	-14.3	-260.2
2003	14	-536.0	-34.1	-30.2	-23.0	-16.7	-17.8	2.9	-202.4

2004	22	-537.8	-33.6	-31.5	-20.0	-16.2	-19.1	8.5	-205.8
2005	34	-635.2	-40.9	-34.2	-26.4	-21.4	-18.1	4.9	-233.9
2006	28	-641.0	-35.9	-33.5	-29.6	-11.8	-16.5	-0.3	-221.5
2007	21	-407.5	-30.4	-27.6	-17.9	-19.7	-20.3	1.4	-182.3
2008	19	-422.8	-30.3	-28.2	-16.1	-17.2	-20.2	5.6	-184.0
2009	23	-574.4	-36.8	-33.1	-23.3	-18.7	-19.7	6.1	-220.1
2010	24	-496.3	-38.2	-29.8	-26.2	-26.8	-18.6	-5.5	-210.3
2011	15	-559.4	-37.4	-31.2	-29.0	-21.6	-18.2	-5.2	-215.2
2012	26	-517.2	-36.2	-28.9	-23.0	-21.0	-15.8	1.3	-201.7
2013	17	-580.6	-39.8	-33.4	-26.4	-23.8	-20.4	0.8	-228.4
2014	11	-626.2	-41.8	-33.1	-29.4	-22.7	-16.4	-0.2	-232.5

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	103.9	102.1	102.8	103.4	102.7	103.5	95.6	103.3
1997	12	102.7	102.6	102.0	103.2	101.8	102.6	96.5	102.8
1999	11	103.2	103.4	103.2	104.4	102.9	103.3	96.9	104.0
2000	13	103.9	104.4	104.5	105.6	103.9	103.8	97.0	105.2
2001	19	102.7	102.4	102.2	103.3	102.1	103.1	97.4	102.9
2002	19	102.9	102.8	102.6	103.7	102.3	103.3	96.8	103.3
2003	14	103.6	102.4	103.2	103.9	103.2	103.8	97.4	103.8
2004	22	102.6	103.2	102.6	103.9	102.3	102.5	97.0	103.5
2005	36	103.4	102.3	102.7	103.5	102.6	102.7	97.1	103.3
2006	30	103.3	102.9	103.1	104.1	102.9	103.1	97.5	103.9
2007	23	103.0	102.4	103.0	103.5	102.6	102.2	96.9	103.4
2008	25	103.6	101.6	102.6	102.8	102.5	102.6	95.8	102.9
2009	25	103.4	102.6	103.1	103.7	102.7	102.8	96.2	103.6
2010	33	104.1	101.5	102.8	102.9	103.0	102.9	95.7	103.1
2011	20	103.2	101.9	102.4	103.0	102.6	102.5	96.2	102.9
2012	31	103.9	101.4	102.8	102.9	103.0	102.6	95.3	103.1
2013	23	103.3	101.9	102.6	103.1	102.5	102.6	96.3	103.1
2014	17	102.9	101.6	102.1	102.7	101.9	101.8	95.9	102.6
2015	10	103.3	101.7	102.3	102.9	102.5	102.6	96.3	102.6
2016	10	103.2	101.5	102.0	102.7	102.2	102.2	95.7	102.6

Tabel: 238 Witrood: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1993	13	-106.2	-256.7	-92.1	103.4	103.3	95.9	94.3	0.0
1997	12	-97.7	-229.0	-74.2	102.6	102.8	97.0	93.5	0.0
1999	11	-83.2	-225.8	-130.5	102.8	104.0	98.2	94.6	0.0
2000	13	-77.9	-266.7	-82.8	102.4	105.2	99.0	94.0	0.0
2001	18	-82.6	-209.4	-118.5	102.0	102.9	97.5	96.0	0.0
2002	17	-139.7	-260.2	-250.6	100.2	103.3	95.5	95.0	0.0
2003	14	-100.2	-202.4	-211.1	100.3	103.8	97.4	92.8	0.0
2004	22	-86.7	-205.8	-85.0	101.2	103.5	96.5	92.0	0.0
2005	34	-91.6	-233.9	-82.0	101.4	103.3	97.0	97.3	0.0
2006	28	-110.2	-221.5	-184.0	100.0	103.9	97.5	96.0	0.0
2007	21	-89.4	-182.3	-79.0	100.6	103.4	0.0	0.0	0.0
2008	19	-69.0	-184.0	38.2	101.0	102.9	0.0	0.0	0.0
2009	23	-79.7	-220.1	-50.6	101.2	103.6	100.0	99.0	0.0
2010	24	-80.8	-210.3	-41.3	100.8	103.1	0.0	0.0	0.0

2011	15	-103.1	-215.2	-135.7	99.7	102.9	95.0	92.0	0.0
2012	26	-74.8	-201.7	-57.0	101.7	103.1	0.0	0.0	0.0
2013	17	-94.9	-228.4	-129.5	101.4	103.1	0.0	0.0	0.0
2014	11	-108.0	-232.5	-175.5	99.1	102.6	0.0	0.0	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1993	13	90.5	105.0	116.5	95.0	88.8	90.8
2004	10	87.7	104.6	119.4	104.0	96.4	100.8
2005	17	89.2	104.1	117.4	103.9	95.1	98.1
2006	14	88.8	103.6	118.1	104.4	95.6	99.0
2007	13	90.2	104.5	116.9	87.8	82.0	84.1
2009	11	88.3	106.3	118.8	94.1	87.4	90.3
2010	12	88.5	105.5	118.9	93.8	87.7	89.5

Tabel: 240 Witrood: 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
2000	11	100.9	105.3	96.9	107.5	102.0	104.3	101.5	99.6	97.5	105.4	93.2
2001	14	101.9	106.7	96.9	109.6	102.0	104.6	101.7	101.0	98.1	105.5	94.8
2002	14	100.8	105.0	96.4	109.9	99.7	104.7	101.1	100.8	96.1	105.6	93.2
2003	10	101.0	103.9	98.5	109.0	99.3	105.1	101.3	101.2	95.5	105.4	94.0
2004	21	100.8	106.5	97.2	108.3	101.9	105.0	100.3	100.7	99.2	106.0	93.0
2005	32	100.5	106.0	97.6	108.2	101.6	104.6	100.3	100.1	99.5	105.6	93.1
2006	28	100.6	106.5	96.7	109.6	100.8	104.7	100.4	100.5	99.2	105.8	93.6
2007	19	98.7	103.9	97.7	108.1	98.9	105.3	98.7	99.9	98.0	106.8	91.9
2008	22	99.4	104.1	97.6	108.8	98.7	105.4	99.7	100.1	96.9	106.1	93.3
2009	16	99.5	103.8	97.6	107.9	99.2	104.7	99.7	100.3	96.2	105.6	92.2
2010	20	98.6	103.4	98.0	106.8	99.0	105.0	98.7	100.1	97.2	106.2	90.8
2011	14	99.1	103.2	98.6	107.2	98.9	104.9	99.3	100.3	97.6	105.9	92.1
2012	19	97.7	101.7	99.1	106.5	97.1	104.7	98.2	100.3	95.7	105.8	91.2
2013	12	98.7	102.4	99.0	106.9	97.8	105.6	98.9	100.7	95.7	106.1	92.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	18	-1821.8	-5290.8	-332.6	-256.7
2002	17	-2710.5	-9281.6	-480.5	-384.4
2003	14	-2345.0	-7797.1	-419.4	-330.5
2004	22	-1663.0	-4926.0	-295.1	-237.4
2005	34	-1694.0	-4929.2	-309.9	-237.6
2006	28	-2234.2	-7416.5	-397.1	-316.5
2007	21	-1521.4	-4154.3	-277.9	-214.6
2008	19	-899.7	-1633.7	-166.1	-128.7
2009	23	-1504.8	-4119.9	-272.5	-212.9
2010	24	-1405.2	-3610.5	-269.7	-192.3
2011	15	-1972.6	-6217.4	-360.5	-275.5
2012	26	-1454.5	-4000.7	-275.1	-200.2

2013	17	-1982.2	-6034.2	-364.0	-276.5
2014	11	-2208.4	-7101.6	-405.5	-306.5

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1993	13	99.4	95.5	13	-1.8	0	0.0
1997	12	98.3	95.5	12	-1.6	0	0.0
1999	11	98.1	96.5	11	-1.7	0	0.0
2000	13	97.2	96.8	13	-2.0	0	0.0
2001	18	99.1	96.2	18	-1.2	2	101.5
2002	17	96.0	95.5	17	-1.4	2	103.5
2003	14	96.7	96.0	14	-1.2	5	99.4
2004	22	98.5	96.9	22	-1.1	2	100.0
2005	34	99.2	96.6	34	-1.5	3	100.7
2006	28	97.8	95.5	28	-1.2	2	104.5
2007	21	99.6	95.9	21	-0.9	0	0.0
2008	19	100.7	95.7	19	-1.0	0	0.0
2009	23	99.4	96.0	23	-1.3	1	102.0
2010	24	99.2	95.7	24	-1.3	0	0.0
2011	15	98.1	95.3	15	-1.5	1	101.0
2012	26	99.2	95.8	26	-1.4	0	0.0
2013	17	97.5	95.1	17	-1.5	0	0.0
2014	11	99.4	95.1	11	-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	10	-2233.9	-109.8	-87.1	-111.5	-23.6	-10.6	-21.1	-621.3
1982	25	-2412.6	-120.9	-93.5	-119.7	-34.2	-11.3	-21.8	-673.1
1983	23	-2399.7	-121.2	-94.6	-119.1	-36.3	-15.3	-21.7	-678.0
1984	25	-2441.1	-121.4	-94.7	-121.0	-32.1	-11.4	-22.1	-679.4
1985	24	-2406.8	-121.5	-94.3	-119.3	-36.7	-13.8	-21.5	-677.7
1986	27	-2268.6	-115.7	-90.1	-113.1	-35.2	-15.4	-21.1	-646.6
1987	39	-2390.2	-120.4	-93.3	-118.7	-35.4	-12.7	-21.7	-670.9
1988	37	-2460.1	-127.0	-96.0	-121.9	-45.0	-13.3	-22.0	-697.0
1989	30	-2397.8	-121.1	-93.5	-119.0	-35.9	-12.6	-21.5	-673.3
1990	31	-2250.4	-115.6	-88.8	-112.2	-37.4	-13.8	-20.9	-640.5
1991	19	-2358.9	-120.8	-92.3	-117.2	-38.8	-12.2	-21.4	-667.1
1993	12	-2473.1	-126.6	-95.9	-122.4	-41.6	-12.1	-22.0	-695.8
1994	17	-2259.3	-120.9	-90.1	-112.7	-49.1	-16.3	-21.0	-657.2
1995	19	-2074.8	-109.9	-83.5	-104.4	-40.9	-15.6	-20.8	-604.4
1996	12	-1965.2	-104.2	-78.5	-99.3	-39.5	-13.4	-20.0	-570.5
1997	16	-1958.2	-103.4	-79.1	-98.9	-36.8	-15.0	-19.9	-571.4

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

Tabel: 244 Belgisch Blauw: Vruchtbaarheidskenmerken
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
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1980	30	95.6	103.2	97.7	100.8	96.4	98.8	112.0	99.3
1981	34	96.4	103.4	98.4	101.5	97.2	99.1	113.3	99.9
1982	62	96.2	102.4	97.7	100.3	96.5	98.6	112.0	98.9
1983	83	96.0	103.2	97.9	101.0	96.6	98.8	112.8	99.4
1984	90	95.9	103.1	97.9	100.9	96.5	99.0	113.6	99.3
1985	108	96.4	103.0	98.2	101.0	96.9	99.3	113.4	99.6
1986	152	96.6	103.2	98.8	101.4	97.3	99.8	113.4	100.1
1987	207	96.7	102.4	98.5	100.7	97.3	99.8	112.9	99.6
1988	279	97.0	102.4	99.0	100.8	97.6	100.4	113.7	99.9
1989	420	97.0	102.5	99.2	101.0	97.7	99.9	113.8	100.1
1990	511	96.8	102.3	98.9	100.9	97.6	100.3	113.4	99.8
1991	623	96.5	102.2	98.7	100.6	97.3	99.8	112.8	99.6
1992	725	96.5	102.0	98.6	100.4	97.4	99.7	110.9	99.4
1993	765	96.5	101.8	98.3	100.1	97.2	99.5	110.5	99.1
1994	829	96.5	101.6	98.2	100.0	97.3	99.4	108.8	99.0
1995	920	96.6	101.4	98.3	99.9	97.4	99.4	108.3	99.0
1996	905	96.8	101.3	98.5	99.8	97.6	99.3	107.3	99.1
1997	1009	96.8	101.3	98.5	99.9	97.7	99.2	107.1	99.1
1998	1124	97.1	101.2	98.7	100.0	98.1	99.2	106.1	99.3
1999	1133	97.1	101.3	98.8	100.1	98.2	99.3	105.8	99.4
2000	1318	97.0	101.3	98.8	100.0	98.2	99.2	104.6	99.3
2001	1289	97.1	101.2	98.9	100.1	98.5	99.1	104.0	99.5
2002	1342	97.5	101.2	99.2	100.2	98.8	99.1	102.7	99.6
2003	1418	97.6	101.1	99.3	100.1	99.0	99.0	102.1	99.6
2004	1510	97.7	100.8	99.2	99.9	99.0	98.8	100.7	99.5
2005	1644	98.0	100.7	99.3	99.9	99.3	99.0	100.2	99.6
2006	1727	98.2	100.5	99.4	99.9	99.4	99.0	99.3	99.6
2007	1693	98.5	100.4	99.5	99.8	99.7	99.1	98.5	99.7
2008	1744	98.7	100.3	99.6	99.8	99.8	99.3	98.5	99.7
2009	1597	99.0	100.2	99.8	99.8	100.0	99.7	98.8	99.8
2010	1640	99.1	100.1	99.9	99.8	100.1	100.0	99.3	99.8
2011	1569	99.6	99.8	100.1	99.7	100.5	100.6	98.7	99.9
2012	1474	100.1	99.7	100.4	99.8	100.9	101.1	98.9	100.1
2013	1352	100.5	99.3	100.5	99.7	101.3	101.6	98.8	100.1
2014	1232	100.8	99.2	100.7	99.7	101.5	102.0	98.8	100.2
2015	999	100.9	99.1	100.7	99.7	101.6	102.3	98.7	100.2
2016	756	100.9	98.9	100.6	99.6	101.6	102.4	98.9	100.1
2017	482	100.9	98.9	100.6	99.5	101.6	102.4	98.9	100.1

Tabel: 245 Belgisch Blauw: NVI met onderliggende kenmerken
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1982	22	-240.7	-673.1	0.0	104.0	98.9	0.0	0.0	0.0
1983	22	-248.4	-678.0	-310.0	103.6	99.4	0.0	0.0	0.0
1984	22	-251.4	-679.4	0.0	103.8	99.3	0.0	0.0	0.0
1985	22	-250.0	-677.7	0.0	104.6	99.6	0.0	0.0	0.0
1986	25	-230.4	-646.6	-283.0	103.8	100.1	0.0	0.0	0.0
1987	38	-244.6	-670.9	0.0	104.3	99.6	0.0	0.0	0.0
1988	35	-252.5	-697.0	209.0	104.3	99.9	107.5	95.5	95.0
1989	30	-245.2	-673.3	0.0	103.7	100.1	0.0	0.0	0.0
1990	30	-239.6	-640.5	154.0	104.5	99.8	0.0	0.0	0.0
1991	18	-245.6	-667.1	0.0	103.9	99.6	0.0	0.0	0.0
1994	15	-244.3	-657.2	216.5	103.8	99.0	0.0	0.0	0.0
1995	19	-222.8	-604.4	244.5	103.9	99.0	107.5	94.5	94.3
1996	11	-206.6	-570.5	203.5	103.9	99.1	107.0	95.3	98.0
1997	15	-208.7	-571.4	263.0	104.1	99.1	108.0	95.0	98.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	19	90.9	0.0	90.9	0.0	91.0	0.0
1988	28	90.6	3.4	90.6	3.4	90.2	3.4
1989	44	91.0	0.0	91.0	0.0	91.0	0.0
1990	42	91.1	0.0	91.1	0.0	91.4	0.0
1991	37	90.9	0.0	90.9	0.0	90.9	0.0
1992	50	91.2	0.0	91.2	0.0	91.5	0.0
1993	30	91.2	0.0	91.2	0.0	91.1	0.0
1994	50	91.6	0.0	91.6	0.0	91.6	0.0
1995	41	91.4	4.7	91.4	4.7	91.5	4.7
1996	35	91.3	0.0	91.3	0.0	91.4	0.0
1997	34	91.6	0.0	91.6	0.0	92.1	0.0
1998	37	91.8	0.0	91.8	0.0	92.4	0.0
1999	45	91.4	0.0	91.4	0.0	91.9	0.0
2000	63	91.4	0.0	91.4	0.0	91.8	0.0
2001	43	91.7	0.0	91.7	0.0	91.9	0.0
2002	29	91.7	0.0	91.7	0.0	91.9	0.0
2003	31	91.0	0.0	91.0	0.0	90.9	0.0
2004	33	91.5	0.0	91.5	0.0	92.0	0.0
2005	22	92.5	0.0	92.5	0.0	92.6	0.0
2006	27	92.4	0.0	92.4	0.0	92.7	0.0
2007	23	92.9	4.3	92.9	4.3	93.1	4.2
2008	14	92.4	7.0	92.4	7.0	92.7	6.9
2009	20	93.0	4.8	93.0	4.8	93.9	4.8
2010	23	91.7	0.0	91.7	0.0	92.0	0.0
2011	23	91.8	0.0	91.8	0.0	91.9	0.0
2012	11	91.1	0.0	91.1	0.0	91.3	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12	103.8	101.8	97.2	8.4	8.6	8.5
1981	10	102.5	102.7	98.2	30.6	31.0	31.6
1982	38	104.9	101.6	95.9	27.7	26.7	27.4
1983	40	105.0	101.6	95.8	39.0	38.2	39.2
1984	44	104.0	101.5	96.6	37.7	36.6	37.5
1985	50	105.6	101.0	95.1	35.1	34.2	35.2
1986	65	105.1	101.2	95.7	51.1	49.9	51.8
1987	105	103.7	101.6	97.0	59.1	57.8	58.8
1988	121	102.9	101.6	97.8	76.1	74.3	75.6
1989	164	104.4	101.2	96.2	83.4	82.1	83.7
1990	204	103.5	101.0	96.9	73.6	72.3	73.0
1991	176	104.3	100.7	96.3	73.0	71.5	72.5
1992	200	103.5	100.8	97.0	78.4	77.4	78.5
1993	219	103.3	100.9	97.2	67.9	66.8	67.9
1994	258	103.5	100.6	97.1	82.7	81.6	83.2
1995	277	103.5	100.5	97.0	77.5	76.1	77.6
1996	290	103.1	100.4	97.5	82.0	80.3	81.9
1997	328	103.1	100.6	97.3	79.1	77.6	79.1
1998	400	103.5	99.8	97.0	81.7	79.6	81.0
1999	443	103.6	100.1	97.0	86.4	84.5	85.9
2000	514	103.2	100.1	97.3	91.7	89.6	90.6
2001	484	103.1	100.1	97.5	93.8	91.1	92.1
2002	585	102.9	99.9	97.7	92.8	90.2	90.9

2003	683	103.3	99.8	97.4	98.3	95.1	96.2
2004	879	102.5	100.0	98.3	98.6	95.5	97.2
2005	1016	102.3	100.1	98.4	99.1	96.2	98.2
2006	1073	102.3	99.9	98.2	99.8	96.1	97.8
2007	1403	101.7	99.9	98.9	101.2	97.6	99.3
2008	1403	101.5	99.7	99.1	101.4	97.3	99.2
2009	1338	101.6	99.8	98.9	101.1	97.7	99.4
2010	1353	101.6	100.0	98.7	100.9	98.1	100.2
2011	1310	100.9	100.4	99.7	101.7	98.4	100.2
2012	1256	100.2	100.5	100.4	102.3	98.6	100.1
2013	1095	100.0	100.1	100.4	102.8	99.0	100.6
2014	1029	99.5	100.2	101.1	103.0	98.8	100.3
2015	890	99.7	100.2	101.1	103.5	99.0	101.3
2016	778	100.2	100.3	100.8	103.4	98.9	101.0
2017	623	99.5	100.3	101.4	103.7	99.0	101.0
2018	555	99.3	100.5	101.9	103.1	98.1	100.6
2019	415	98.8	100.5	102.5	102.1	97.0	99.0

Tabel: 248 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	95.8	94.8	97.8	95.8	96.0	100.0	100.6	98.4	94.9	100.7	96.7
1981	10	93.9	91.0	97.3	96.3	90.7	100.2	98.9	99.1	93.1	99.0	99.0
1982	21	94.0	89.9	97.2	95.7	91.0	100.0	99.1	99.9	91.7	100.2	96.7
1983	29	92.6	86.1	97.8	91.0	90.3	98.7	98.4	98.6	90.0	98.8	94.3
1984	36	92.2	85.3	96.9	91.9	89.4	99.1	98.3	98.2	90.1	99.2	95.9
1985	30	93.7	88.7	97.3	94.4	90.6	99.6	99.3	99.0	90.9	99.2	96.5
1986	54	93.4	86.5	97.5	92.5	90.6	99.5	99.2	98.4	91.1	100.1	97.7
1987	91	94.5	90.2	97.8	94.5	92.8	100.2	99.4	99.3	92.8	100.6	97.3
1988	110	94.5	90.4	98.2	94.7	93.1	100.3	99.5	98.8	93.6	100.8	98.3
1989	177	94.5	90.3	98.1	95.2	92.0	99.8	99.7	99.3	92.5	100.5	97.5
1990	225	94.2	91.3	98.3	95.4	92.4	100.3	98.9	99.9	93.2	101.1	96.8
1991	231	93.9	90.3	98.1	94.6	91.8	99.9	98.8	99.6	92.5	100.8	96.3
1992	305	94.8	91.9	98.7	95.3	93.2	99.8	99.5	99.7	93.7	101.1	96.6
1993	361	94.6	90.9	98.9	94.2	93.3	99.8	99.3	99.4	93.6	101.2	96.4
1994	419	95.0	91.7	98.9	94.6	93.5	99.5	99.6	99.9	94.0	101.1	96.2
1995	458	95.1	91.9	99.1	94.5	94.0	99.8	99.6	100.0	94.1	101.3	96.2
1996	462	95.3	92.0	99.5	94.3	94.2	99.8	99.6	100.2	94.5	101.6	96.0
1997	496	95.8	93.0	99.7	94.5	94.9	99.7	100.0	100.2	95.3	101.7	96.2
1998	579	95.6	93.7	99.7	95.0	95.0	100.0	99.6	100.4	95.6	101.8	96.0
1999	598	95.8	93.7	99.8	94.4	95.6	99.6	99.8	100.3	95.9	101.6	95.9
2000	712	96.2	95.0	100.1	94.9	96.3	99.6	100.1	100.3	96.5	101.9	95.8
2001	692	96.5	94.6	100.3	94.6	96.5	99.5	100.3	100.7	96.4	102.1	95.7
2002	785	96.3	95.8	100.3	95.3	96.8	99.7	99.9	100.5	96.9	102.1	95.7
2003	838	96.4	95.4	100.2	95.0	96.6	99.5	100.0	100.9	96.8	101.9	95.6
2004	917	96.6	97.1	100.8	95.6	97.3	99.7	99.8	101.0	97.7	102.1	95.9
2005	977	96.5	97.4	101.2	95.5	97.4	99.7	99.7	100.8	97.9	102.0	95.9
2006	1017	95.9	97.0	101.2	95.4	96.1	99.6	99.2	100.9	97.4	101.9	95.3
2007	987	96.2	98.5	101.4	96.2	96.8	99.7	99.4	100.8	98.3	102.1	95.7
2008	901	96.3	99.3	101.5	96.6	96.6	99.7	99.5	100.9	98.5	102.1	96.1
2009	720	96.1	100.3	101.8	97.3	96.1	99.9	99.3	100.9	98.9	102.2	96.4
2010	565	95.9	100.3	101.6	97.6	95.3	99.7	99.2	100.8	98.6	101.9	96.8
2011	323	96.1	102.4	101.7	99.1	95.1	100.0	99.4	101.0	99.4	102.1	97.9
2012	193	96.2	103.1	101.9	99.3	95.1	100.1	99.2	101.4	99.7	102.1	97.6
2013	96	96.5	105.0	102.0	100.5	96.2	100.6	99.2	101.5	100.5	102.5	97.9
2014	65	96.4	103.9	102.5	99.8	94.7	100.0	99.4	101.5	100.3	102.3	98.2
2015	23	96.2	106.0	103.0	100.1	96.1	100.9	98.6	101.3	101.0	102.6	98.3

Tabel: 249 Belgisch Blauw: Overige productie en efficiency kenm.
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	10	100.8	94.2	0	0.0	0	0.0
1982	25	101.6	94.9	0	0.0	0	0.0
1983	23	101.6	96.7	0	0.0	0	0.0
1984	25	101.3	94.7	0	0.0	0	0.0
1985	24	101.2	94.8	0	0.0	0	0.0
1986	27	101.6	95.4	0	0.0	0	0.0
1987	39	101.1	95.8	0	0.0	0	0.0
1988	37	100.6	96.5	0	0.0	0	0.0
1989	30	101.3	96.5	0	0.0	0	0.0
1990	31	101.5	96.5	0	0.0	0	0.0
1991	19	101.0	96.2	0	0.0	0	0.0
1993	12	100.7	98.3	0	0.0	0	0.0
1994	17	100.4	97.7	0	0.0	0	0.0
1995	19	101.5	97.1	0	0.0	0	0.0
1996	12	101.8	96.7	0	0.0	0	0.0
1997	16	101.2	95.9	0	0.0	0	0.0

Tabel: 250 British Friesian: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	27	-743.0	-25.9	-41.7	-43.6	12.9	-25.1	-16.5	-238.4
1981	29	-604.3	-22.4	-38.2	-37.1	8.1	-27.5	-16.1	-215.1
1985	10	-887.1	-33.9	-44.3	-50.2	10.0	-21.0	-17.2	-268.0

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

Tabel: 251 British Friesian: Exterieurkenmerken bouw
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	56	97.4	90.1	95.2	102.6	88.6	89.5	93.7
1981	66	97.8	89.2	95.0	102.1	87.8	88.0	94.6
1982	25	96.0	88.2	92.8	100.5	87.6	89.5	93.4

Tabel: 252 British Friesian: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	56	90.9	101.5	85.1	89.6
1981	66	90.4	101.6	85.3	89.5
1982	25	90.2	100.3	85.8	89.4

Tabel: 253 British Friesian: Exterieurkenmerken uier

Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	56	102.0	98.1	98.1	103.5	102.9	98.8	95.7
1981	66	101.5	97.8	97.2	103.3	103.1	99.1	95.5
1982	25	100.5	98.3	97.3	102.0	101.7	99.0	95.1

Tabel: 254 British Friesian: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	56	86.3	90.8	103.6	87.2	91.4	89.6
1981	66	85.6	89.8	103.6	86.9	92.3	89.1
1982	25	84.8	87.5	102.3	86.9	92.5	87.8

Tabel: 255 British Friesian: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	80	99.9	100.2	99.0	99.3	98.7	100.8	96.9	99.1
1981	92	101.3	100.4	100.2	100.3	100.0	101.0	97.8	100.3
1982	38	101.7	100.5	100.7	100.6	100.5	101.1	96.9	100.7
1983	13	102.5	100.1	100.8	100.6	101.0	101.4	96.3	100.8
1985	15	103.0	100.1	101.5	101.3	101.7	101.3	96.1	101.6

Tabel: 256 British Friesian: Gebruikskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	10	96.1	79.3	99.8	104.3	103.3

Tabel: 257 British Friesian: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	26	-129.7	-238.4	85.5	104.3	99.1	103.6	87.2	99.1
1981	28	-103.7	-215.1	138.3	104.2	100.3	103.6	86.9	97.8
1985	10	-141.4	-268.0	-292.6	101.0	101.6	104.0	90.0	0.0

Tabel: 258 British Friesian: Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
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1981	12	98.1	98.8	98.1	98.8	99.2	99.0
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Tabel: 259 British Friesian: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	97.3	105.2	102.3	77.6	78.6	80.6
1981	13	97.5	103.9	102.2	74.0	74.9	76.1

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1981	14	95.2	88.8	101.7	94.7	89.2	100.4	97.7	97.9	96.5	95.9	98.4

Tabel: 261 British Friesian: Kalvervitaliteit
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	12	100.5	97.5	101.2

Tabel: 262 British Friesian: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	27	97.7	102.6	0	0.0	0	0.0
1981	29	97.6	99.8	0	0.0	0	0.0
1985	10	94.9	101.2	11	-4.1	0	0.0

Tabel: 263 Brand rood: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2004	17	-937.5	-47.8	-43.6	-46.1	-11.1	-16.1	-5.1	-293.1
2006	12	-928.7	-48.1	-40.8	-44.9	-12.3	-11.5	-3.8	-281.8
2007	19	-986.7	-52.9	-44.5	-47.8	-16.5	-14.5	-4.5	-307.9
2008	17	-758.4	-41.1	-37.6	-37.5	-13.0	-16.7	-4.0	-252.1
2009	15	-889.6	-44.7	-37.3	-43.1	-9.6	-8.1	-3.5	-259.8
2010	18	-722.1	-39.1	-34.8	-34.4	-12.2	-13.4	-1.6	-235.1
2011	20	-707.0	-41.2	-35.9	-33.9	-16.9	-16.9	-2.0	-244.1
2012	18	-516.4	-33.9	-29.6	-22.7	-18.1	-17.7	2.0	-199.3
2013	27	-415.1	-29.0	-26.7	-21.9	-16.9	-18.9	-4.6	-176.9
2014	22	-583.8	-29.7	-29.5	-27.3	-6.5	-13.6	-0.5	-191.7

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

Tabel: 264 Brand rood: Vruchtbaarheidsskenmerken
Basis: Dubbeloel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2000	16	100.7	101.9	99.8	101.9	99.6	97.4	87.9	100.8
2001	16	102.0	102.8	100.5	102.8	100.0	97.8	88.4	101.8
2002	30	101.6	102.6	100.6	102.6	100.0	97.8	88.4	101.8
2003	33	100.6	102.1	99.6	101.8	99.1	96.9	87.4	100.8
2004	64	100.7	102.2	99.9	102.0	99.5	97.4	86.7	101.0
2005	42	100.7	102.1	99.9	102.0	99.6	97.4	86.9	101.0
2006	63	100.7	102.0	99.6	101.8	99.2	97.2	86.8	100.8
2007	69	100.7	102.1	99.7	101.9	99.3	97.3	87.3	100.9
2008	90	100.9	102.3	100.2	102.3	99.8	97.6	87.4	101.4
2009	117	100.8	102.3	99.9	102.2	99.5	97.4	87.4	101.1
2010	127	100.7	101.9	99.7	101.8	99.4	97.3	86.8	100.8
2011	160	100.8	101.7	99.6	101.7	99.5	97.5	87.0	100.8
2012	150	100.9	101.3	99.5	101.4	99.5	97.6	87.2	100.6
2013	176	101.0	101.3	99.7	101.5	99.6	97.6	87.4	100.7
2014	178	101.1	101.7	100.0	101.8	99.8	97.8	87.4	101.0
2015	102	100.8	101.4	99.6	101.5	99.6	97.7	87.7	100.6
2016	59	100.7	101.3	99.3	101.2	99.3	97.3	87.2	100.3
2017	37	100.8	101.3	99.5	101.5	99.5	97.5	87.2	100.5

Tabel: 265 Brand rood: NVI met onderliggende kenmerken
Basis: Dubbeloel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
2004	17	-91.2	-293.1	-30.6	101.5	101.0	0.0	0.0	98.8
2006	11	-128.4	-281.8	-287.3	100.6	100.8	0.0	0.0	98.6
2007	19	-119.1	-307.9	-185.1	102.2	100.9	98.0	92.0	98.3
2008	17	-91.1	-252.1	-119.8	100.7	101.4	0.0	0.0	98.7
2009	15	-93.9	-259.8	-146.4	100.5	101.1	0.0	0.0	98.9
2010	18	-82.6	-235.1	-116.9	100.1	100.8	0.0	0.0	99.1
2011	19	-90.3	-244.1	-88.2	100.1	100.8	0.0	0.0	98.7
2012	18	-67.2	-199.3	-69.6	100.6	100.6	0.0	0.0	98.7
2013	27	-60.4	-176.9	-25.0	99.1	100.7	0.0	0.0	98.8
2014	22	-60.3	-191.7	-27.2	100.4	101.0	0.0	0.0	98.7

Tabel: 266 Brand rood: Levensvatbaarheidsskenmerken
Basis: Dubbeloel
Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
2004	21	95.9	100.8	95.9	100.8	97.6	100.4
2005	15	96.7	101.1	96.7	101.1	98.3	101.0
2006	25	95.9	100.7	95.9	100.7	97.7	100.1
2007	29	95.9	100.6	95.9	100.6	97.6	100.1
2008	41	95.9	100.9	95.9	100.9	97.7	100.2
2009	46	96.8	100.4	96.8	100.4	98.5	100.4
2010	63	96.9	100.7	96.9	100.7	98.5	100.6
2011	73	96.4	100.8	96.4	100.8	98.1	100.3

2012	84	97.1	99.4	97.1	99.4	98.6	99.4
2013	82	97.0	98.1	97.0	98.1	98.7	98.2
2014	85	96.8	97.0	96.8	97.0	98.5	97.0
2015	58	97.1	95.2	97.1	95.2	98.7	95.3
2016	71	97.3	86.4	97.3	86.4	98.9	86.5
2017	61	97.1	77.3	97.1	77.3	98.7	77.4
2018	81	96.9	61.9	96.9	61.9	98.7	62.0
2019	39	96.9	82.1	96.9	82.1	98.8	82.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2000	10	87.3	105.1	116.6	51.9	45.1	45.8
2003	12	92.8	102.8	110.9	70.4	59.9	60.0
2004	24	95.3	103.0	108.3	65.5	57.4	56.1
2005	14	96.0	102.2	107.6	96.4	83.7	84.5
2006	26	92.6	103.5	111.1	76.9	66.6	65.1
2007	28	93.9	102.2	109.8	75.1	65.4	63.0
2008	41	94.1	101.9	109.4	81.6	71.1	69.6
2009	49	95.7	102.2	107.9	92.1	79.3	78.4
2010	46	95.8	102.0	107.8	91.2	78.4	76.7
2011	58	93.9	102.7	109.6	83.1	71.0	70.4
2012	66	93.6	103.6	110.2	85.8	74.2	74.5
2013	66	94.2	102.8	109.5	80.9	69.5	70.0
2014	71	96.4	101.4	107.2	76.7	65.5	65.0
2015	56	95.6	101.3	107.8	75.9	65.9	65.5
2016	62	97.7	100.3	105.8	82.4	70.7	70.7
2017	58	96.8	101.5	106.7	53.6	46.7	46.1
2018	56	97.0	100.9	106.3	46.5	39.9	39.9
2019	38	96.6	100.9	106.8	24.6	21.3	21.4

Tabel: 268 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	99.8	107.5	95.5	101.3	104.8	99.9	97.7	97.5	111.3	97.4	101.8
2004	30	101.0	109.2	95.4	100.8	106.8	99.5	97.1	99.7	113.4	95.9	102.8
2005	21	100.7	109.7	97.1	100.2	107.6	100.6	96.7	99.1	114.5	97.3	102.4
2006	30	98.9	107.1	95.3	100.0	104.3	99.7	96.4	97.9	111.0	96.7	100.8
2007	27	98.0	107.4	95.2	99.4	104.6	100.1	95.3	97.1	111.7	96.6	100.2
2008	36	98.7	107.2	96.2	99.6	104.7	100.6	95.8	97.8	111.6	97.2	100.7
2009	22	99.3	109.0	96.7	99.7	106.5	100.4	95.9	97.6	113.7	97.5	101.2
2010	22	99.7	109.1	96.5	100.2	106.8	100.7	96.7	96.9	113.3	98.3	101.4
2011	12	100.1	108.3	95.7	99.9	106.3	99.4	96.8	98.4	112.9	96.5	102.0

Tabel: 269 Brand rood: Kalvervitaliteit
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2003	12	107.5	102.0	100.0
2004	36	107.5	102.1	100.1

2005	30	107.4	101.8	100.3
2006	32	108.4	102.8	100.7
2007	41	108.2	102.6	100.9
2008	57	108.4	102.7	100.7
2009	59	107.9	102.3	100.6
2010	70	107.8	102.2	100.5
2011	79	108.3	102.7	100.6
2012	98	107.5	102.1	100.9
2013	102	107.0	101.5	100.8
2014	98	107.2	101.7	100.8
2015	54	106.7	101.4	100.6
2016	66	107.2	101.8	100.5
2017	72	107.3	101.9	100.9
2018	81	107.6	102.1	101.1
2019	41	107.4	101.9	101.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	13	-1782.2	-5536.2	-315.8	-254.0
2007	12	-2555.8	-8651.9	-460.4	-357.9
2008	12	-2205.3	-7440.8	-398.6	-308.2
2009	16	-2188.6	-7577.1	-396.8	-305.1
2010	15	-2070.5	-6857.1	-378.6	-287.7
2011	16	-1869.4	-5933.6	-339.1	-262.1
2012	17	-1594.1	-4725.1	-292.6	-222.7
2013	16	-1144.4	-2868.2	-215.5	-158.9
2014	16	-1390.6	-4366.9	-252.1	-195.1

Tabel: 271 Brand rood: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
2004	17	99.8	101.3	17	-2.4	0	0.0
2006	12	101.4	100.3	12	-2.2	0	0.0
2007	19	101.3	99.5	19	-2.6	1	90.0
2008	17	101.5	99.9	17	-1.9	0	0.0
2009	15	101.0	100.3	15	-1.9	0	0.0
2010	18	100.7	100.5	18	-1.7	0	0.0
2011	20	100.5	99.8	20	-1.8	0	0.0
2012	18	101.2	100.7	18	-1.4	0	0.0
2013	27	100.3	100.0	27	-1.3	0	0.0
2014	22	100.3	99.8	22	-1.4	0	0.0

Tabel: 272 Fleck Vies: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	18	-419.9	-24.1	-24.2	-28.7	-8.1	-14.4	-15.8	-158.7
1985	34	-173.8	-17.7	-16.4	-17.6	-14.9	-15.7	-15.5	-109.5
1986	33	3.2	-9.1	-12.0	-9.4	-13.7	-18.7	-14.9	-71.1

1987	65	-133.2	-13.7	-15.5	-15.8	-11.4	-16.4	-15.6	-97.0
1988	64	-97.4	-14.1	-14.6	-14.0	-14.4	-17.0	-15.3	-93.9
1989	47	-345.7	-17.3	-23.1	-25.4	-1.0	-16.1	-15.9	-138.5
1990	59	-90.8	-11.0	-14.2	-13.8	-10.2	-16.7	-15.3	-85.4
1991	46	-154.5	-12.1	-17.5	-16.7	-7.1	-18.5	-15.4	-102.3
1992	70	89.9	-5.0	-10.7	-5.5	-12.4	-21.2	-15.0	-55.9
1993	66	70.0	-8.7	-13.3	-6.4	-17.0	-24.0	-14.9	-74.7
1994	75	122.2	-2.6	-8.8	-4.1	-11.9	-20.3	-14.9	-42.9
1995	105	129.3	3.4	-7.3	-3.7	-2.8	-18.3	-15.0	-24.0
1996	104	150.6	-0.3	-6.8	-2.8	-10.0	-18.7	-15.0	-29.5
1997	106	43.9	-5.6	-11.8	-7.6	-11.2	-20.6	-15.0	-62.5
1998	208	-122.0	-12.0	-14.6	-15.2	-9.9	-15.7	-15.4	-89.4
1999	269	-24.1	-8.2	-12.0	-10.8	-10.5	-17.0	-15.3	-69.7
2000	231	-16.4	-11.0	-12.2	-10.4	-15.7	-17.9	-15.2	-76.3
2001	464	-73.8	-16.5	-13.6	-12.7	-20.6	-16.9	-14.9	-94.2
2002	522	-90.2	-16.1	-14.2	-13.7	-18.8	-17.1	-15.3	-96.3
2003	545	-96.9	-13.9	-13.9	-14.6	-14.5	-16.0	-16.2	-90.6
2004	453	185.5	-5.1	-5.3	-2.4	-19.6	-18.0	-16.8	-32.9
2005	908	177.9	-5.0	-5.5	-3.4	-19.2	-17.9	-17.7	-33.9
2006	590	297.5	0.7	-0.8	2.9	-18.1	-17.2	-16.2	-1.1
2007	494	353.5	1.8	2.3	6.1	-20.1	-15.5	-15.1	15.1
2008	617	324.5	0.3	0.0	4.2	-20.8	-17.5	-16.0	1.9
2009	510	370.6	3.1	2.2	6.1	-19.4	-16.5	-16.3	17.5
2010	726	560.0	9.0	7.5	15.1	-22.5	-18.5	-15.4	54.2
2011	650	652.3	12.6	11.4	18.0	-22.9	-17.6	-17.1	78.6
2012	741	830.9	21.1	17.9	27.4	-21.4	-17.2	-15.2	125.8
2013	791	914.3	25.3	21.1	30.9	-20.5	-16.8	-15.4	149.0
2014	823	993.1	29.0	23.7	34.3	-19.8	-17.0	-15.6	168.3
2015	801	1115.6	34.3	27.7	39.4	-19.8	-17.4	-16.0	197.6
2016	757	1224.2	38.6	30.9	42.5	-20.4	-18.3	-18.2	220.4
2017	362	1372.6	44.1	35.1	47.1	-21.6	-19.7	-20.7	250.7

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

Tabel: 273 Fleck Vieh: Exterieurkenmerken bouw
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1987	11	103.9	104.0	99.2	97.6	104.2	100.5	91.9
1989	13	104.0	101.9	99.5	98.5	101.2	97.7	93.2
1990	25	104.9	103.2	99.8	98.4	102.7	99.9	93.0
1991	12	104.7	104.1	99.2	97.4	104.3	100.6	92.4
1992	30	105.4	103.1	100.0	98.7	102.8	100.3	93.3
1993	34	105.7	103.9	99.8	98.4	103.9	101.9	93.3
1994	33	105.1	104.7	100.1	97.9	104.3	101.4	93.0
1995	45	104.8	104.6	100.1	98.4	104.0	99.8	92.6
1996	33	105.0	104.5	100.0	98.2	104.5	100.8	92.7
1997	38	105.0	103.9	100.0	98.7	103.7	100.1	93.0
1998	39	104.6	103.4	99.7	98.3	102.6	99.7	92.8
1999	67	105.0	103.5	99.8	98.7	103.0	100.1	93.0
2000	38	104.9	104.1	99.9	98.1	103.9	100.5	93.5
2001	65	104.4	104.4	100.0	97.9	103.7	99.7	93.0
2002	64	104.2	104.4	99.3	97.0	104.5	100.5	92.8
2003	76	105.1	104.4	100.0	98.1	104.0	100.7	93.2
2004	55	104.4	104.3	99.3	97.2	103.9	100.4	92.8
2005	104	105.0	104.4	99.4	97.2	103.8	101.5	93.0
2006	60	105.0	104.8	100.0	97.7	104.2	101.0	93.1
2007	48	105.1	105.2	100.2	97.7	104.5	100.7	94.1
2008	55	105.0	104.9	99.9	97.6	104.6	101.0	93.6
2009	42	104.8	104.9	99.6	97.0	104.5	100.8	93.1
2010	47	104.9	104.5	99.7	97.3	104.4	100.8	93.0

2011	25	104.5	104.2	98.8	96.7	104.6	101.1	92.4
2012	19	104.5	104.2	100.6	98.7	104.5	100.9	92.8
2013	37	106.6	104.3	101.2	99.3	104.2	100.5	93.1
2014	20	105.3	104.2	101.2	99.0	103.9	100.8	93.3
2015	18	107.7	105.1	102.9	101.6	102.9	101.6	95.1
2016	12	107.8	104.8	103.0	102.1	103.3	100.6	94.2

Tabel: 274 Fleck Vieh: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1987	11	100.7	94.6	107.2	100.1
1989	13	99.2	95.5	103.1	99.5
1990	25	100.4	95.9	105.8	99.9
1991	12	99.8	95.8	107.2	99.2
1992	30	101.2	95.9	106.6	100.6
1993	34	102.8	95.3	108.4	102.0
1994	33	102.9	95.3	108.2	102.2
1995	45	101.2	95.2	108.4	100.8
1996	33	101.8	95.6	108.6	101.2
1997	38	100.8	95.7	107.4	100.2
1998	39	101.6	94.8	107.4	101.4
1999	67	101.6	95.1	107.6	101.0
2000	38	102.4	94.9	108.2	101.8
2001	65	102.4	95.2	108.3	101.9
2002	64	102.1	94.5	108.9	101.6
2003	76	101.6	95.3	108.0	101.2
2004	55	101.4	94.2	109.1	101.3
2005	104	101.6	95.1	107.9	101.3
2006	60	101.6	95.6	107.9	101.2
2007	48	102.0	95.3	109.0	102.0
2008	55	102.8	95.0	109.5	102.2
2009	42	102.4	95.0	109.1	102.1
2010	47	102.6	94.9	109.4	102.0
2011	25	102.1	94.9	109.4	101.7
2012	19	102.3	94.5	109.7	101.3
2013	37	102.1	95.8	108.1	101.5
2014	20	101.9	96.5	108.1	101.5
2015	18	101.9	96.8	106.8	101.8
2016	12	102.2	96.3	107.2	101.8

Tabel: 275 Fleck Vieh: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1987	11	98.6	99.3	100.2	99.9	93.2	98.7	97.7
1989	13	99.5	99.6	99.3	100.3	94.9	98.0	97.2
1990	25	99.6	99.8	100.5	100.2	93.6	97.8	97.0
1991	12	100.2	99.7	101.3	100.3	92.9	98.3	97.3
1992	30	99.2	99.3	100.1	99.9	94.2	97.9	97.1
1993	34	99.4	98.6	99.9	99.9	93.9	97.6	96.8
1994	33	99.1	98.8	101.0	99.3	93.5	98.1	97.2
1995	45	99.7	99.6	99.5	99.9	93.5	98.0	97.0
1996	33	100.7	100.4	99.6	100.8	93.8	97.4	96.9
1997	38	100.3	100.4	99.1	100.6	93.9	98.1	97.4
1998	39	99.7	100.3	100.2	99.8	94.7	98.3	97.5

1999	67	99.7	99.9	99.8	99.8	94.4	97.9	97.4
2000	38	99.7	99.4	100.8	100.0	94.1	98.3	97.6
2001	65	99.9	99.4	100.9	99.8	93.9	98.1	97.4
2002	64	100.5	99.4	100.9	100.4	93.9	96.9	96.7
2003	76	100.2	99.2	101.0	99.8	93.9	97.3	96.6
2004	55	100.3	99.6	100.8	100.1	94.1	97.4	96.9
2005	104	99.6	98.8	100.6	99.9	93.3	96.9	96.4
2006	60	99.4	99.3	100.2	99.7	93.3	97.6	97.0
2007	48	99.9	100.0	100.4	99.4	93.4	97.8	97.6
2008	55	100.3	99.1	100.7	100.2	94.2	96.9	96.3
2009	42	100.3	100.4	101.6	100.3	93.3	97.8	97.5
2010	47	101.1	99.2	100.7	100.7	93.9	96.7	96.7
2011	25	100.0	99.0	102.2	99.3	92.7	97.2	96.8
2012	19	101.2	100.8	99.5	100.7	95.4	97.4	97.1
2013	37	101.6	101.1	100.5	100.9	95.2	98.1	98.1
2014	20	102.3	100.1	100.8	101.7	95.0	97.2	97.0
2015	18	101.2	102.8	99.3	100.9	95.9	98.9	99.1
2016	12	102.5	102.9	99.4	101.9	97.1	98.2	98.8

Tabel: 276 Fleck Vieh: Exterieurkenmerken bovenbalk

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1987	11	96.9	99.8	97.0	99.5	107.5	97.3
1989	13	95.7	99.2	98.2	98.2	105.5	96.8
1990	25	97.2	99.8	97.8	99.5	106.5	97.6
1991	12	97.2	100.1	97.7	99.2	107.5	97.5
1992	30	97.5	100.0	97.7	100.4	106.2	98.2
1993	34	98.5	100.5	97.6	102.1	107.3	99.4
1994	33	98.3	100.2	97.1	102.2	108.1	99.1
1995	45	97.3	100.4	97.6	100.7	107.4	98.3
1996	33	97.7	100.6	98.4	101.3	108.0	99.2
1997	38	97.4	100.4	98.3	99.9	106.9	98.3
1998	39	97.0	99.5	98.1	100.6	106.6	98.4
1999	67	97.3	100.1	97.9	100.7	106.5	98.4
2000	38	98.0	100.4	97.8	101.5	107.7	99.1
2001	65	97.4	99.8	97.8	101.8	107.6	98.9
2002	64	97.5	99.7	98.0	101.2	108.4	98.8
2003	76	97.9	100.2	97.8	101.0	107.6	98.8
2004	55	97.4	99.4	98.1	100.6	107.8	98.5
2005	104	98.1	99.4	97.2	100.9	107.9	98.4
2006	60	98.2	99.9	97.3	101.1	108.1	98.6
2007	48	98.6	100.1	97.3	101.9	108.6	99.2
2008	55	98.5	100.2	98.1	102.1	108.5	99.6
2009	42	98.0	99.5	97.8	101.9	108.9	99.2
2010	47	97.9	99.9	98.4	101.7	108.4	99.4
2011	25	97.2	99.4	96.8	101.4	108.4	98.0
2012	19	98.1	100.5	99.1	100.8	107.7	99.6
2013	37	98.2	100.9	99.2	101.6	107.8	100.0
2014	20	98.6	100.7	99.5	101.6	107.5	100.3
2015	18	100.2	101.5	99.3	101.9	107.2	101.0
2016	12	99.2	102.0	100.5	101.8	107.2	101.1

Tabel: 277 Fleck Vieh: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
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1984	17	99.2	104.1	101.9	103.5	102.9	98.2	100.6	102.9
1985	34	98.1	105.2	102.3	104.4	102.5	97.6	101.2	103.6
1986	31	98.8	104.9	102.6	104.5	103.0	98.0	101.3	103.8
1987	58	98.7	104.9	102.6	104.4	103.1	97.6	101.3	103.8
1988	67	99.1	105.0	102.7	104.6	103.2	97.5	101.4	103.7
1989	41	98.5	104.9	102.1	104.2	103.1	97.8	101.0	103.4
1990	56	98.4	104.7	102.1	104.0	102.9	97.5	100.6	103.2
1991	46	98.4	104.7	102.2	103.8	102.9	97.7	100.5	103.2
1992	59	98.1	104.6	101.6	103.7	102.3	97.7	100.9	102.8
1993	63	98.1	104.4	101.7	103.6	102.4	97.9	100.7	102.9
1994	64	98.5	104.9	102.5	104.2	102.9	97.9	101.0	103.7
1995	105	99.1	104.5	102.8	104.2	103.6	98.0	99.9	103.8
1996	98	98.9	104.6	102.6	104.1	103.0	97.9	99.3	103.6
1997	90	98.8	104.7	102.6	104.3	103.1	97.9	100.2	103.6
1998	170	98.1	104.5	101.8	103.5	101.8	97.7	99.6	102.9
1999	229	98.1	104.7	101.9	103.8	102.0	97.7	99.9	103.1
2000	202	96.5	104.6	100.6	102.8	100.1	97.0	100.8	101.9
2001	353	96.4	104.8	100.6	103.0	99.9	97.2	100.9	101.9
2002	430	97.8	103.8	100.8	102.4	100.3	97.2	98.8	101.7
2003	463	97.5	104.1	100.8	102.6	100.4	97.2	99.2	101.9
2004	459	97.1	104.2	100.8	102.8	100.6	97.0	100.7	102.0
2005	945	97.4	104.1	100.8	102.8	100.7	97.0	100.0	101.9
2006	644	97.3	103.9	100.6	102.6	100.5	96.8	100.1	101.7
2007	557	97.5	104.1	101.0	103.0	101.0	97.2	100.4	102.1
2008	715	97.8	104.0	101.2	103.1	101.2	97.5	100.6	102.3
2009	592	97.9	104.5	101.8	103.8	101.7	97.8	102.9	103.0
2010	907	98.1	104.3	101.8	103.7	101.8	98.0	103.0	102.9
2011	781	98.1	104.4	102.0	103.9	102.1	97.9	103.5	103.2
2012	971	98.7	104.1	102.4	104.1	102.9	98.2	103.8	103.4
2013	995	98.9	104.0	102.6	104.1	103.3	98.1	103.5	103.6
2014	1077	99.2	103.8	102.8	104.2	103.6	98.4	104.1	103.7
2015	1095	99.1	103.8	102.8	104.2	103.7	98.3	104.3	103.7
2016	1050	99.1	103.6	102.6	103.9	103.5	98.0	104.2	103.5
2017	623	99.1	103.4	102.6	103.8	103.6	98.1	104.2	103.5

Tabel: 278 Fleck Vies: Gebruikskenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	11	96.5	45.1	103.0	104.2	104.7
1992	15	97.7	60.3	103.0	104.3	104.3
1993	26	97.9	23.5	103.5	104.5	104.0
1994	28	96.8	61.3	103.6	104.2	104.2
1995	48	96.6	75.5	103.6	103.9	103.7
1996	34	96.4	73.7	103.0	104.3	104.1
1997	32	96.7	90.2	103.0	104.5	103.9
1998	31	96.3	72.1	102.4	104.3	103.9
1999	54	96.9	76.5	102.6	104.3	103.8
2000	28	95.8	64.1	101.6	103.0	103.8
2001	55	95.8	81.6	101.3	102.9	104.0
2002	49	96.1	78.0	101.8	104.4	104.5
2003	60	95.8	82.7	101.3	103.8	104.3
2004	43	96.2	88.7	102.4	103.3	104.0
2005	86	97.6	92.5	102.1	103.4	104.0
2006	52	96.8	92.6	102.3	103.8	103.8
2007	40	96.7	83.2	102.0	102.9	103.2
2008	50	96.9	80.7	102.2	103.1	103.4
2009	38	97.0	85.2	102.3	103.1	103.3
2010	42	97.2	98.0	102.9	103.7	103.8

2011	25	97.6	96.6	103.0	103.8	103.8
2012	18	98.5	95.5	103.5	104.1	103.6
2013	35	96.8	99.9	103.9	104.5	103.6
2014	20	97.1	100.3	103.8	104.4	103.3
2015	18	97.2	100.1	104.1	104.6	103.2

Tabel: 279 Fleck Vies: NVI met onderliggende kenmerken
Basis: Dubbeloel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1984	12	-39.4	-158.7	26.3	105.6	102.9	98.0	101.0	100.0
1985	25	-11.3	-109.5	100.0	105.1	103.6	96.0	100.0	103.0
1986	23	32.5	-71.1	248.0	105.1	103.8	96.9	100.9	101.8
1987	49	11.9	-97.0	258.7	104.6	103.8	97.0	99.5	101.4
1988	54	2.9	-93.9	159.1	104.8	103.7	97.1	99.1	103.0
1989	35	-10.0	-138.5	80.6	104.6	103.4	98.2	98.2	100.7
1990	51	27.4	-85.4	168.8	105.0	103.2	97.8	99.5	101.7
1991	34	26.1	-102.3	137.1	105.2	103.2	97.7	99.2	101.8
1992	57	54.5	-55.9	279.4	104.8	102.8	97.7	100.4	101.5
1993	62	60.6	-74.7	304.3	104.7	102.9	97.6	102.1	102.0
1994	63	73.4	-42.9	306.1	104.6	103.7	97.1	102.2	102.4
1995	94	80.2	-24.0	357.4	104.2	103.8	97.6	100.7	102.6
1996	92	72.5	-29.5	335.4	104.7	103.6	98.4	101.3	102.4
1997	94	64.4	-62.5	344.6	104.6	103.6	98.3	99.9	102.4
1998	181	37.1	-89.4	275.1	104.5	102.9	98.1	100.6	101.6
1999	240	49.3	-69.7	283.0	104.4	103.1	97.9	100.7	101.8
2000	206	36.1	-76.3	232.6	103.8	101.9	97.8	101.5	102.7
2001	397	31.7	-94.2	252.1	104.0	101.9	97.8	101.8	103.1
2002	460	33.7	-96.3	249.0	105.0	101.7	98.0	101.2	102.5
2003	485	36.7	-90.6	175.9	104.6	101.9	97.8	101.0	102.3
2004	430	57.9	-32.9	125.4	104.2	102.0	98.1	100.6	102.2
2005	887	53.7	-33.9	125.1	104.2	101.9	97.2	100.9	102.4
2006	579	75.9	-1.1	156.8	104.3	101.7	97.3	101.1	102.3
2007	472	82.1	15.1	163.3	103.4	102.1	97.3	101.9	102.5
2008	602	91.6	1.9	187.1	103.6	102.3	98.1	102.1	102.5
2009	502	102.9	17.5	175.1	103.6	103.0	97.8	101.9	102.4
2010	706	124.9	54.2	206.1	104.2	102.9	98.4	101.7	102.5
2011	638	131.8	78.6	202.2	104.2	103.2	96.8	101.4	102.4
2012	737	153.2	125.8	216.1	104.3	103.4	99.1	100.8	102.9
2013	788	160.2	149.0	232.0	104.5	103.6	99.2	101.6	103.0
2014	815	172.8	168.3	251.4	104.2	103.7	99.5	101.6	103.1
2015	800	181.7	197.6	261.6	104.2	103.7	99.3	101.9	103.3
2016	757	188.4	220.4	285.6	104.4	103.5	100.5	101.8	103.1
2017	362	206.1	250.7	327.3	104.7	103.5	100.7	101.2	103.0

Tabel: 280 Fleck Vies: Klauwgezondheidskenmerken
Basis: Dubbeloel
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	11	96.0	93.3	97.8	98.5	98.5	104.3	98.0
2003	15	97.6	93.7	98.7	100.5	99.1	105.2	98.1
2004	16	98.1	93.4	100.0	100.9	99.1	105.8	98.0
2005	26	97.0	92.4	99.3	100.2	97.8	105.6	97.7
2006	23	97.4	92.2	99.9	100.6	97.9	105.9	97.2
2007	29	98.4	93.6	100.4	100.5	99.8	106.4	97.5
2008	36	97.6	93.5	99.2	99.9	99.8	106.1	97.6

2009	24	98.0	94.0	99.5	100.0	99.9	106.3	98.1
2010	46	98.0	94.1	99.2	99.9	100.2	106.0	98.1
2011	38	97.6	93.2	99.6	99.7	99.2	106.3	97.7
2012	41	97.9	93.9	99.7	100.0	99.6	106.2	97.5
2013	65	97.2	94.2	98.2	99.3	99.3	105.2	98.4
2014	45	97.5	93.5	99.5	99.3	99.5	106.0	98.0
2015	71	97.4	94.0	98.9	99.2	99.5	105.5	98.0
2016	42	97.2	93.6	98.7	99.4	99.1	105.6	98.0

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1990	11	99.3	102.3	99.3	102.3	100.4	104.4
1992	29	98.7	102.6	98.7	102.6	100.3	104.2
1993	42	98.7	103.1	98.7	103.1	100.3	105.2
1994	43	99.4	103.3	99.4	103.3	100.6	105.1
1995	76	99.6	103.2	99.6	103.2	100.2	104.8
1996	63	99.4	103.0	99.4	103.0	100.2	104.8
1997	66	99.6	103.1	99.6	103.1	100.3	104.8
1998	86	99.2	101.3	99.2	101.3	99.9	103.2
1999	117	99.2	101.7	99.2	101.7	99.8	103.4
2000	83	100.1	103.0	100.1	103.0	100.7	105.1
2001	151	100.6	102.3	100.6	102.3	101.1	104.3
2002	160	99.9	102.7	99.9	102.7	100.5	104.9
2003	187	99.5	102.6	99.5	102.6	100.4	105.0
2004	200	99.7	102.5	99.7	102.5	100.4	105.0
2005	365	99.6	102.4	99.6	102.4	100.3	104.9
2006	304	99.5	102.5	99.5	102.5	100.0	104.7
2007	327	99.5	102.8	99.5	102.8	100.3	105.1
2008	470	99.6	102.8	99.6	102.8	100.5	105.0
2009	465	99.3	102.3	99.3	102.3	100.2	104.3
2010	681	99.6	102.5	99.6	102.5	100.8	104.5
2011	639	99.5	102.6	99.5	102.6	100.7	104.3
2012	932	99.7	103.0	99.7	103.0	101.0	104.6
2013	1013	99.9	103.2	99.9	103.2	101.2	104.7
2014	1203	100.0	103.2	100.0	103.2	101.1	104.6
2015	1485	100.1	103.1	100.1	103.1	101.1	104.4
2016	1528	99.8	103.0	99.8	103.0	100.8	104.3
2017	1439	99.7	103.1	99.7	103.1	100.7	104.5
2018	1359	99.4	101.8	99.4	101.8	100.6	103.2
2019	1018	99.5	101.4	99.5	101.4	100.7	102.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1987	12	89.7	113.2	115.4	46.8	37.7	39.3
1989	13	88.8	112.8	116.2	59.8	48.3	50.0
1990	27	90.3	113.0	114.7	58.5	46.5	48.3
1991	15	90.7	113.3	114.3	22.7	17.9	18.4
1992	39	90.7	113.6	114.1	69.0	55.8	57.7
1993	46	91.1	113.2	114.1	85.8	68.4	70.7
1994	42	90.0	113.9	115.2	94.3	75.5	77.5
1995	84	90.6	113.4	114.5	96.1	77.1	79.6
1996	57	90.7	113.7	114.4	102.4	82.7	84.6

1997	73	90.6	113.0	114.4	89.5	70.7	73.5
1998	88	90.7	113.2	114.4	79.0	63.6	65.2
1999	119	90.5	113.1	114.6	85.7	68.3	70.4
2000	89	90.2	113.8	115.1	81.2	65.0	66.6
2001	142	90.8	112.8	114.5	85.6	67.9	70.4
2002	163	90.3	113.2	114.9	86.7	68.8	71.0
2003	184	90.4	113.4	114.8	87.6	69.3	71.2
2004	201	90.4	113.5	114.8	89.9	71.0	73.3
2005	359	90.2	113.2	115.1	89.3	69.5	72.5
2006	329	90.3	113.2	115.0	95.4	74.5	77.3
2007	295	90.1	113.7	115.2	96.8	75.2	78.2
2008	371	90.1	113.1	115.2	99.8	77.2	79.9
2009	367	89.5	113.4	115.8	101.4	79.1	81.8
2010	509	89.9	113.3	115.3	102.4	80.3	83.3
2011	430	90.1	112.7	115.0	105.6	82.9	86.2
2012	639	91.1	111.2	114.1	109.5	87.1	89.5
2013	685	91.1	111.6	113.9	110.2	87.5	90.4
2014	722	91.4	111.0	113.7	110.9	88.2	90.8
2015	877	92.1	110.4	112.9	112.1	89.6	92.0
2016	793	92.4	110.3	112.5	111.5	88.8	91.2
2017	850	92.7	110.6	112.2	110.4	88.3	90.9
2018	654	93.0	110.3	111.8	109.0	86.9	89.5
2019	516	93.0	110.4	111.9	106.8	84.9	87.5

Tabel: 283 Fleck Vieh: Vleeskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1986	10	105.0	113.4	101.5	106.5	105.7	102.9	102.7	99.0	111.5	101.2	112.0
1987	16	105.6	113.3	100.7	106.7	106.6	101.9	104.0	98.1	111.8	100.5	112.2
1989	12	105.2	112.6	100.8	107.2	105.5	102.3	104.4	97.7	110.3	101.2	111.9
1990	31	106.3	113.6	99.6	108.1	106.7	101.6	104.9	98.2	111.4	100.8	112.6
1991	23	106.0	114.2	99.7	108.0	107.0	102.0	104.4	98.2	111.5	101.1	112.4
1992	45	105.4	113.0	100.2	107.2	105.8	102.4	103.6	98.8	111.1	100.8	112.0
1993	49	104.9	114.8	101.3	107.5	107.0	103.4	102.3	98.9	112.3	99.8	111.0
1994	52	105.3	115.3	101.2	108.1	106.9	103.1	102.9	98.9	112.1	99.9	111.2
1995	89	104.6	114.5	102.1	107.7	106.5	103.6	102.5	98.5	111.5	100.4	110.2
1996	67	104.4	115.5	101.6	107.7	107.1	103.4	101.7	99.1	112.1	99.3	109.4
1997	73	104.5	115.3	101.6	107.6	107.2	103.0	102.4	98.0	112.2	99.4	109.7
1998	115	103.9	115.7	101.9	107.9	107.1	103.6	101.5	98.4	111.8	98.9	108.5
1999	147	104.4	115.3	102.1	107.8	107.5	103.4	102.0	98.5	111.8	99.2	109.0
2000	120	103.9	116.3	102.2	107.7	107.7	103.6	101.0	98.7	112.3	98.4	108.4
2001	180	103.7	116.8	102.2	107.9	108.3	103.4	101.0	98.3	112.5	98.0	107.7
2002	229	103.7	117.2	102.5	108.3	108.3	103.8	101.0	98.4	112.4	98.0	107.5
2003	272	104.1	117.2	102.1	108.4	108.6	103.6	101.2	98.5	112.6	98.2	107.9
2004	279	104.4	117.1	101.9	108.7	108.2	103.6	101.7	98.5	112.5	98.9	108.8
2005	602	104.3	117.1	102.3	108.2	108.8	103.6	101.6	98.0	112.9	98.9	108.7
2006	424	104.5	116.4	102.3	107.9	108.6	103.5	101.9	98.1	112.6	99.1	108.9
2007	313	105.1	116.2	102.0	108.0	108.5	103.1	102.4	98.7	112.5	99.0	109.5
2008	347	105.0	116.1	101.8	108.2	108.2	103.2	102.5	98.5	112.3	99.5	109.5
2009	275	105.1	115.9	101.4	108.7	107.6	103.3	103.0	98.4	111.8	100.2	110.0
2010	282	104.9	114.8	101.7	107.8	107.2	103.2	102.9	98.2	111.7	100.2	109.9
2011	169	105.2	113.5	101.4	107.5	106.6	102.8	103.5	98.4	110.8	100.6	110.1
2012	110	105.5	111.6	101.4	107.3	105.4	102.4	104.5	98.1	109.5	101.1	110.5
2013	85	105.3	111.2	101.6	107.3	104.7	103.1	104.0	99.3	109.2	100.9	110.6
2014	49	105.5	110.2	101.2	106.8	104.4	102.5	104.5	98.8	108.8	101.1	110.7
2015	20	105.5	107.5	100.8	106.2	102.8	101.3	105.6	98.0	106.4	100.8	110.5
2016	12	104.8	107.7	100.9	106.0	102.7	101.6	104.6	99.2	106.3	100.6	109.4

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	12	96.8	97.2	91.6
1992	25	97.4	97.1	92.0
1993	37	97.6	97.4	91.3
1994	36	96.2	96.5	91.7
1995	73	96.5	96.8	90.8
1996	59	97.0	97.3	91.5
1997	62	96.5	96.6	91.5
1998	76	97.0	97.1	92.6
1999	109	97.1	97.0	92.7
2000	79	94.2	93.9	93.4
2001	140	94.6	94.3	92.6
2002	164	94.9	94.6	93.3
2003	189	97.5	96.9	93.6
2004	202	96.9	96.5	93.3
2005	380	96.6	96.3	93.5
2006	318	97.1	96.8	93.3
2007	345	97.2	96.9	93.6
2008	515	97.1	96.8	92.8
2009	520	97.4	97.1	93.0
2010	729	97.3	96.9	92.9
2011	672	97.4	96.9	93.0
2012	985	97.8	97.5	92.6
2013	1085	98.0	97.8	92.5
2014	1324	98.0	97.7	92.5
2015	1602	97.9	97.5	92.2
2016	1674	98.0	97.6	92.1
2017	1579	98.7	98.3	92.4
2018	1590	99.1	98.7	92.3
2019	1092	99.2	98.9	92.1

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	201	1089.3	6620.2	168.1	157.8
2002	225	962.7	5885.2	150.0	138.6
2003	300	557.4	4262.2	82.4	79.7
2004	350	371.6	3528.5	47.4	54.7
2005	720	342.6	3345.2	44.1	49.9
2006	472	704.5	4790.2	106.0	101.8
2007	387	824.0	5216.5	120.7	121.9
2008	500	956.2	5870.4	145.9	139.2
2009	449	911.2	5649.1	139.6	132.1
2010	642	1267.7	7305.9	199.5	183.0
2011	598	1338.7	7539.7	209.7	194.4
2012	720	1647.6	8759.4	265.5	236.9
2013	777	1871.3	9635.2	304.2	268.9
2014	806	2095.8	10566.2	345.6	299.4
2015	797	2285.9	11367.0	379.1	326.0
2016	740	2562.2	12548.7	428.8	364.3
2017	354	2995.3	14444.3	505.4	424.8

Tabel: 286 Fleck Vieh: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1990	14	95.8	112.0	97.5
1992	26	97.4	112.4	97.8
1993	33	98.1	112.2	97.6
1994	36	97.1	112.1	97.6
1995	62	97.1	112.1	97.2
1996	41	96.3	112.0	97.3
1997	43	96.9	112.4	97.8
1998	48	96.6	112.7	97.5
1999	75	97.3	112.3	98.1
2000	52	96.9	112.9	97.4
2001	85	97.4	112.7	97.0
2002	78	95.2	112.3	98.7
2003	86	95.2	112.4	98.6
2004	89	96.0	111.6	97.9
2005	147	96.1	110.8	98.7
2006	131	96.0	111.9	98.2
2007	127	96.3	111.3	97.8
2008	186	95.8	111.2	98.1
2009	151	95.9	110.8	98.5
2010	265	96.1	110.8	98.1
2011	261	95.8	111.5	98.3
2012	295	97.4	111.9	97.8
2013	264	97.7	112.5	97.4
2014	241	98.2	113.6	97.3
2015	294	99.0	114.0	97.2
2016	275	99.6	114.6	97.2
2017	146	100.5	114.7	97.2

Tabel: 287 Fleck Vieh: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1984	18	98.8	100.1	0	0.0	0	0.0
1985	34	100.0	100.3	34	-0.9	0	0.0
1986	33	100.1	99.4	33	-0.3	0	0.0
1987	65	100.0	99.1	66	-0.5	0	0.0
1988	64	99.6	99.2	65	-0.6	0	0.0
1989	47	99.7	100.0	47	-1.1	0	0.0
1990	59	99.1	99.9	59	-0.5	0	0.0
1991	46	99.5	100.5	46	-0.6	0	0.0
1992	70	99.5	100.2	70	-0.1	0	0.0
1993	66	99.3	99.7	66	-0.1	0	0.0
1994	75	99.6	99.3	76	0.1	0	0.0
1995	105	99.0	98.5	107	0.3	0	0.0
1996	104	99.1	99.2	104	0.2	0	0.0
1997	106	98.2	99.8	105	-0.2	0	0.0
1998	208	97.1	100.0	208	-0.6	0	0.0
1999	269	97.1	100.1	269	-0.3	0	0.0
2000	231	97.5	100.0	231	-0.3	0	0.0
2001	464	97.3	100.4	464	-0.6	45	104.6
2002	522	96.8	99.8	522	-0.5	41	104.8
2003	545	98.6	99.4	545	-0.5	60	104.9
2004	453	97.0	99.9	453	0.3	48	104.0

2005	908	97.2	99.5	908	0.3	95	104.3
2006	590	98.5	100.2	589	0.5	55	105.3
2007	494	98.2	100.6	494	0.8	45	105.7
2008	617	98.3	99.7	617	0.7	46	105.9
2009	510	98.2	99.6	510	0.9	40	105.0
2010	726	98.8	99.6	726	1.2	43	104.8
2011	650	98.3	99.0	650	1.5	23	104.0
2012	741	98.9	98.6	741	1.9	18	104.7
2013	791	99.1	98.6	791	2.1	36	105.2
2014	823	99.6	98.5	824	2.4	18	104.5
2015	801	99.6	98.3	801	2.6	18	105.9
2016	757	99.9	98.4	757	2.8	12	105.9
2017	362	100.2	98.0	362	3.2	6	105.8

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1983	12	-1178.5	-47.3	-42.1	-53.8	8.4	0.6	-0.2	-288.2
1985	15	-1362.9	-55.7	-46.0	-62.3	8.1	4.5	-0.4	-324.1
1986	12	-1538.1	-57.1	-51.1	-70.2	18.6	6.7	-0.4	-350.4
1987	18	-1361.1	-56.0	-46.4	-62.2	8.4	3.9	-0.3	-326.8
1988	16	-1573.6	-59.6	-52.4	-71.9	17.6	6.6	-0.4	-361.5
1989	36	-1444.7	-55.0	-45.4	-65.8	14.7	9.9	-0.3	-321.5
1990	45	-1481.3	-56.2	-49.5	-67.6	16.2	5.9	-0.4	-341.3
1991	53	-1535.3	-58.8	-51.4	-70.1	15.9	6.0	-0.3	-355.4
1992	71	-1456.4	-55.9	-47.5	-66.5	14.6	7.7	-0.4	-332.3
1993	83	-1523.4	-56.7	-49.6	-69.5	18.1	8.3	-0.3	-343.3
1994	95	-1417.3	-55.3	-45.0	-64.7	12.6	9.2	-0.3	-320.1
1995	105	-1339.5	-52.1	-42.1	-61.2	12.1	9.1	-0.3	-300.5
1996	77	-1287.2	-49.0	-41.4	-58.8	13.2	7.6	-0.3	-290.3
1997	95	-1384.4	-53.2	-45.3	-63.2	13.5	7.1	-0.3	-316.3
1998	115	-1409.4	-53.6	-45.8	-64.3	14.6	7.6	-0.3	-319.9
1999	159	-1335.9	-51.8	-43.2	-61.0	12.3	7.5	-0.3	-304.0
2000	123	-1299.9	-51.6	-42.7	-58.7	10.2	6.3	0.7	-301.2
2001	200	-1247.4	-48.3	-39.9	-55.5	11.7	7.6	1.8	-281.8
2002	145	-1273.3	-47.8	-40.2	-55.9	14.1	8.6	3.1	-282.0
2003	149	-1123.6	-42.9	-35.5	-50.3	11.1	7.3	1.3	-250.8
2004	152	-1053.8	-40.9	-34.1	-46.9	9.4	5.8	1.5	-239.8
2005	126	-1045.7	-39.0	-33.0	-46.8	11.5	6.9	1.2	-231.6
2006	138	-1061.8	-40.0	-32.8	-47.9	11.2	8.0	0.6	-233.1
2007	129	-1030.4	-38.2	-31.6	-47.4	11.8	8.1	-0.7	-224.1
2008	98	-883.1	-34.1	-27.8	-40.6	8.2	5.9	-0.6	-198.0
2009	117	-676.9	-25.7	-21.6	-31.4	7.0	4.2	-0.8	-152.1
2010	125	-723.7	-27.3	-21.1	-34.2	7.6	7.1	-1.8	-154.4
2011	137	-731.1	-26.3	-21.1	-34.6	9.2	7.3	-1.8	-152.2
2012	121	-583.7	-21.2	-15.9	-28.1	7.2	7.2	-2.2	-118.0
2013	158	-377.3	-17.0	-11.0	-19.9	0.8	3.9	-3.5	-86.6
2014	121	-466.9	-17.4	-11.2	-23.5	5.4	7.8	-2.9	-89.6
2015	91	-279.2	-10.3	-6.5	-16.1	3.2	4.9	-4.3	-53.0
2016	74	-183.3	-11.8	-5.0	-13.0	-3.8	2.4	-5.8	-49.4
2017	46	-119.1	-5.4	-0.7	-11.6	0.9	5.0	-7.6	-17.7

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

Tabel: 289 Brown Swiss: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	12	95.0	99.2	93.8	93.5	103.5	100.1	90.2
1987	11	96.5	100.2	94.8	94.1	104.0	99.3	88.9
1988	11	95.2	99.5	93.3	92.7	103.9	98.3	90.6
1989	19	95.1	99.7	94.5	93.6	103.7	98.8	89.6
1990	27	95.8	100.0	93.8	93.0	104.3	99.7	89.4
1991	34	96.3	99.6	93.9	93.4	103.6	100.5	89.6
1992	47	96.0	99.4	94.1	93.7	103.1	100.1	90.0
1993	45	96.7	100.3	94.3	93.6	104.3	100.0	89.1
1994	51	96.5	100.2	94.9	94.3	103.4	100.0	90.3
1995	43	96.7	100.5	95.5	94.9	103.7	99.1	89.0
1996	43	97.0	100.7	95.6	94.5	104.0	99.8	89.8
1997	37	98.3	100.2	96.0	95.1	103.0	100.8	90.1
1998	54	97.1	99.9	95.2	94.3	103.4	100.5	89.3
1999	78	97.2	100.1	95.5	94.7	103.2	100.5	90.0
2000	39	98.2	101.0	96.0	95.1	104.1	101.0	90.4
2001	64	96.7	99.8	95.1	94.1	103.3	100.0	89.6
2002	28	98.2	101.0	96.7	95.6	103.8	100.0	90.1
2003	53	97.4	100.4	95.2	94.5	103.8	101.2	90.1
2004	50	98.2	100.8	95.5	94.6	104.4	100.6	89.8
2005	43	99.0	101.0	96.3	95.2	104.0	100.3	90.5
2006	50	97.6	100.8	95.6	94.7	104.2	99.4	89.3
2007	37	98.7	101.3	96.4	95.1	104.1	98.9	90.1
2008	45	99.2	101.1	96.5	95.8	103.7	100.1	90.8
2009	40	99.3	99.7	95.6	95.2	102.8	100.5	90.3
2010	45	100.0	101.1	96.1	95.4	103.6	100.4	90.7
2011	48	100.0	101.1	96.3	95.9	103.1	100.5	91.2
2012	48	100.6	101.3	96.7	95.8	103.4	100.8	91.0
2013	58	100.3	100.7	96.0	95.8	103.0	101.0	90.5
2014	36	100.8	100.9	96.6	96.3	102.9	100.1	89.9
2015	46	100.8	100.0	95.3	95.2	102.4	100.5	90.7
2016	36	101.1	101.4	96.4	96.0	103.8	100.4	90.5
2017	24	100.2	100.6	96.0	96.0	102.7	100.7	90.8

Tabel: 290 Brown Swiss: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1985	12	109.8	97.2	110.1	109.2
1987	11	111.5	96.2	111.7	110.9
1988	11	110.7	95.9	110.7	110.3
1989	19	109.2	96.6	110.6	108.5
1990	27	109.3	96.0	110.7	108.4
1991	34	109.7	96.9	110.5	108.6
1992	47	109.9	96.7	110.8	108.9
1993	45	109.7	96.6	110.9	108.8
1994	51	109.3	96.5	110.6	108.3
1995	43	110.0	96.7	111.0	109.0
1996	43	110.1	97.2	111.1	108.7
1997	37	110.1	96.4	111.3	108.6
1998	54	110.1	96.2	111.5	108.7
1999	78	109.9	97.1	110.6	108.6
2000	39	110.4	96.5	110.8	108.9
2001	64	110.1	95.7	111.5	108.9
2002	28	110.4	96.8	111.3	109.1
2003	53	110.0	95.5	111.8	109.4
2004	50	110.0	95.7	111.5	109.1
2005	43	109.5	96.4	111.3	108.3
2006	50	110.1	97.4	110.9	109.0

2007	37	110.2	96.9	111.2	108.8
2008	45	109.7	96.9	110.8	108.8
2009	40	110.0	96.2	111.0	109.0
2010	45	110.8	96.2	111.8	109.6
2011	48	110.6	96.2	111.4	109.3
2012	48	109.8	96.0	111.9	108.4
2013	58	110.9	95.3	112.2	109.4
2014	36	111.4	95.2	112.7	110.1
2015	46	109.8	95.0	112.6	108.6
2016	36	110.8	94.9	112.6	109.6
2017	24	111.5	95.8	111.8	110.1

Tabel: 291 Brown Swiss: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	12	96.2	98.1	105.9	95.8	90.0	93.8	95.9
1987	11	96.6	99.0	105.9	97.2	90.5	94.6	96.4
1988	11	97.5	100.3	105.8	97.9	90.5	95.0	96.9
1989	19	96.5	98.7	106.4	96.3	90.8	94.6	96.3
1990	27	95.5	97.9	106.9	96.6	88.3	93.4	95.1
1991	34	97.0	98.5	106.4	97.5	90.7	93.7	95.5
1992	47	96.8	98.5	106.3	97.0	90.8	94.1	95.6
1993	45	96.6	98.7	106.2	96.9	90.1	93.5	95.5
1994	51	96.5	98.7	106.3	96.5	91.4	94.2	96.1
1995	43	96.8	99.3	105.5	96.4	90.4	94.0	96.3
1996	43	96.5	98.7	106.1	96.8	90.3	94.2	96.4
1997	37	97.5	98.9	105.9	97.5	91.4	94.8	96.9
1998	54	96.5	98.4	106.2	96.5	90.7	94.1	96.1
1999	78	97.6	99.2	106.4	97.1	90.9	94.5	96.6
2000	39	97.2	98.7	105.9	96.8	90.3	94.5	96.5
2001	64	97.3	98.6	106.7	97.2	91.5	95.2	96.7
2002	28	98.1	99.5	104.8	97.9	91.6	95.4	97.4
2003	53	98.4	99.8	105.5	97.9	91.8	95.4	97.3
2004	50	98.4	99.0	105.8	98.2	91.7	95.8	97.2
2005	43	98.2	99.6	104.6	97.9	91.4	95.6	97.6
2006	50	98.8	99.8	105.0	98.3	91.7	95.3	97.4
2007	37	99.4	99.4	104.6	98.9	91.8	95.4	97.3
2008	45	98.8	100.0	105.2	98.4	91.9	95.8	97.4
2009	40	98.8	101.2	104.8	98.3	92.0	95.6	98.1
2010	45	99.7	100.4	105.4	98.9	92.3	95.9	97.8
2011	48	99.3	101.0	104.7	98.6	92.1	96.5	98.2
2012	48	100.3	101.2	104.4	99.5	91.2	96.0	98.3
2013	58	99.4	101.2	105.0	98.8	92.2	96.2	98.1
2014	36	100.8	102.9	103.7	99.9	93.4	96.6	98.9
2015	46	99.7	101.4	103.0	99.3	92.8	95.8	98.4
2016	36	100.0	102.0	103.7	99.7	93.4	96.6	98.6
2017	24	99.0	101.4	104.3	98.8	92.8	97.0	98.9

Tabel: 292 Brown Swiss: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	12	92.6	95.8	92.5	110.2	0.0	98.7
1987	11	91.9	96.6	93.4	111.7	0.0	99.8
1988	11	91.7	95.2	94.1	110.7	0.0	99.4

1989	19	91.9	96.1	93.1	109.4	0.0	98.3
1990	27	92.1	95.9	91.7	109.2	0.0	97.5
1991	34	92.7	95.7	93.6	109.6	0.0	98.9
1992	47	92.6	95.7	93.4	109.8	0.0	98.8
1993	45	92.4	96.4	92.9	109.7	0.0	98.6
1994	51	93.2	96.6	93.2	109.2	0.0	98.6
1995	43	92.5	97.0	92.9	110.0	0.0	98.9
1996	43	93.3	97.1	92.8	110.0	0.0	99.0
1997	37	93.9	97.0	94.0	109.7	0.0	99.7
1998	54	93.0	96.3	92.9	109.7	0.0	98.7
1999	78	93.5	96.8	93.7	109.6	0.0	99.4
2000	39	94.5	97.8	93.3	110.0	0.0	99.8
2001	64	92.9	96.3	93.9	109.6	0.0	99.1
2002	28	94.1	98.0	94.6	109.9	0.0	100.2
2003	53	93.9	97.0	94.8	110.0	0.0	100.3
2004	50	93.7	97.4	94.8	109.7	0.0	100.2
2005	43	94.3	97.9	94.6	109.1	0.0	100.0
2006	50	92.9	97.2	95.0	110.1	0.0	100.1
2007	37	93.4	97.8	95.5	109.9	0.0	100.6
2008	45	94.4	98.2	95.2	109.8	0.0	100.7
2009	40	93.7	96.8	95.2	109.7	0.0	100.2
2010	45	94.4	97.8	95.7	110.5	0.0	101.2
2011	48	94.8	97.9	95.7	110.1	0.0	101.1
2012	48	94.9	97.9	95.9	109.2	0.0	100.9
2013	58	94.5	97.6	95.7	110.2	0.0	101.1
2014	36	93.9	97.9	97.2	110.8	0.0	102.0
2015	46	93.8	96.6	96.2	109.2	0.0	100.5
2016	36	94.4	98.0	96.8	110.2	0.0	101.8
2017	24	94.3	97.4	95.8	111.0	0.0	101.5

Tabel: 293 Brown Swiss: Vruchtbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1983	11	102.2	104.5	104.1	103.7	103.9	97.9	87.5	104.1
1985	14	102.6	103.9	103.5	103.2	103.4	97.5	86.9	103.6
1987	14	101.1	105.0	103.1	103.3	102.7	96.6	86.9	103.4
1988	14	101.5	106.0	104.0	104.4	103.1	96.9	86.4	104.4
1989	24	102.0	104.4	103.5	103.3	103.2	97.0	87.1	103.6
1990	42	102.8	105.4	104.6	104.6	104.3	97.8	86.2	104.8
1991	49	102.2	105.1	103.9	104.1	103.6	97.9	87.5	104.2
1992	70	102.1	105.2	103.9	104.1	103.4	97.3	87.1	104.2
1993	88	102.7	104.9	104.1	104.1	103.9	97.8	87.4	104.3
1994	69	102.3	104.4	103.5	103.4	103.4	97.5	87.7	103.7
1995	92	102.3	103.7	103.2	102.8	103.1	97.1	87.1	103.2
1996	65	101.6	104.6	103.2	103.2	102.9	97.6	88.2	103.5
1997	75	101.6	104.5	103.1	103.3	102.9	97.4	88.4	103.5
1998	98	101.2	104.5	102.9	103.0	102.5	97.1	87.7	103.2
1999	142	101.9	103.6	102.8	102.6	102.9	97.4	87.7	102.9
2000	121	102.2	103.8	103.1	102.8	103.0	97.3	87.6	103.2
2001	207	101.9	103.9	103.1	102.9	103.1	97.2	87.6	103.2
2002	162	102.0	103.7	103.1	102.7	103.0	97.2	87.9	103.1
2003	158	101.7	104.0	103.1	103.0	103.0	97.4	88.8	103.3
2004	175	101.5	104.3	103.1	103.1	102.9	97.7	89.2	103.3
2005	143	101.2	104.3	103.0	103.0	102.7	97.6	89.7	103.2
2006	164	101.4	104.3	103.2	103.2	102.8	97.5	89.9	103.4
2007	155	101.7	104.1	103.4	103.2	103.1	97.5	89.9	103.5
2008	118	101.3	104.8	103.7	103.7	103.1	97.4	90.5	103.9
2009	134	101.7	104.8	104.0	103.9	103.6	97.8	90.7	104.2
2010	138	101.6	104.8	104.1	104.0	103.6	97.5	91.0	104.3

2011	163	102.0	104.6	104.2	104.1	103.9	97.4	90.8	104.4
2012	145	101.8	105.1	104.4	104.4	103.9	97.6	91.5	104.7
2013	181	101.9	104.8	104.3	104.2	103.9	97.7	91.6	104.4
2014	150	102.5	104.8	104.8	104.6	104.6	98.4	92.1	104.9
2015	119	101.9	104.6	104.4	104.3	104.1	98.1	92.6	104.6
2016	100	102.1	105.2	104.9	105.0	104.6	98.5	93.1	105.2
2017	86	101.9	104.5	104.4	104.2	104.2	98.1	92.7	104.5

Tabel: 294 Brown Swiss: Gebruikskkenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	10	95.7	89.2	99.3	100.4	102.4
1988	10	94.4	97.8	100.4	101.5	102.3
1989	10	97.6	89.8	99.5	99.8	102.2
1990	21	92.5	97.4	100.3	101.6	102.5
1991	26	93.8	97.1	99.2	100.3	102.0
1992	40	94.4	90.5	100.1	100.9	102.4
1993	38	93.7	96.2	99.7	100.3	102.5
1994	33	94.7	95.9	99.8	100.8	102.6
1995	33	96.3	87.6	100.5	100.9	103.0
1996	39	95.4	85.8	100.1	101.1	102.7
1997	38	96.3	91.0	100.2	100.8	102.8
1998	39	94.2	90.5	100.0	100.5	102.8
1999	40	96.4	84.9	100.5	100.8	102.9
2000	35	96.3	85.1	100.2	100.5	102.6
2001	56	97.2	84.4	99.6	100.1	102.4
2002	28	96.9	100.3	100.4	100.5	103.0
2003	49	97.9	94.3	100.9	100.8	102.9
2004	51	97.7	100.3	101.1	101.5	103.0
2005	41	96.7	96.2	101.2	101.4	103.0
2006	46	97.0	99.0	101.2	101.5	102.9
2007	36	97.6	98.7	101.0	101.2	102.9
2008	43	98.1	95.8	101.5	101.8	102.9
2009	38	97.4	98.2	101.8	101.9	103.0
2010	44	97.2	94.0	102.1	102.1	102.9
2011	41	98.5	90.0	102.3	102.2	103.2
2012	48	98.1	97.8	102.4	102.5	103.1
2013	55	98.1	99.6	103.0	102.5	103.0
2014	33	97.7	99.5	103.4	103.0	103.1
2015	35	98.1	96.1	103.1	102.6	103.0
2016	35	97.9	100.0	103.8	103.3	103.2
2017	10	98.0	100.4	103.4	102.7	102.8

Tabel: 295 Brown Swiss: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1983	12	-57.1	-288.2	-33.5	101.8	104.1	93.0	110.5	102.5
1985	13	-48.2	-324.1	-14.9	101.8	103.6	92.5	110.2	103.6
1986	11	-70.5	-350.4	-75.9	101.3	103.4	92.7	110.6	103.0
1987	13	-61.4	-326.8	-77.5	101.4	103.4	93.4	111.7	103.3
1988	16	-62.2	-361.5	-114.0	102.2	104.4	94.1	110.7	103.5
1989	28	-66.5	-321.5	-106.2	101.5	103.6	93.1	109.4	103.2
1990	43	-66.6	-341.3	-164.2	102.4	104.8	91.7	109.2	103.4
1991	50	-84.5	-355.4	-205.7	101.4	104.2	93.6	109.6	103.2

1992	69	-61.7	-332.3	-88.5	102.0	104.2	93.4	109.8	103.1
1993	82	-72.5	-343.3	-143.6	101.8	104.3	92.9	109.7	103.0
1994	92	-60.4	-320.1	-75.4	102.1	103.7	93.2	109.2	102.8
1995	101	-52.7	-300.5	-65.0	102.4	103.2	92.9	110.0	102.6
1996	76	-45.7	-290.3	-34.7	102.3	103.5	92.8	110.0	102.5
1997	91	-52.1	-316.3	21.9	102.2	103.5	94.0	109.7	103.2
1998	115	-58.7	-319.9	-27.3	102.0	103.2	92.9	109.7	102.6
1999	155	-54.7	-304.0	-44.7	102.2	102.9	93.7	109.6	103.4
2000	123	-54.9	-301.2	-89.6	101.9	103.2	93.3	110.0	103.6
2001	199	-50.1	-281.8	-64.2	101.6	103.2	93.9	109.6	104.1
2002	145	-52.3	-282.0	-88.2	102.1	103.1	94.6	109.9	103.4
2003	149	-27.4	-250.8	-40.1	102.2	103.3	94.8	110.0	103.9
2004	152	-16.9	-239.8	30.7	102.6	103.3	94.8	109.7	103.9
2005	124	-9.7	-231.6	35.1	102.6	103.2	94.6	109.1	104.0
2006	136	-9.1	-233.1	28.6	102.5	103.4	95.0	110.1	104.1
2007	127	-6.4	-224.1	33.4	102.5	103.5	95.5	109.9	104.0
2008	98	11.1	-198.0	87.1	102.7	103.9	95.2	109.8	104.2
2009	117	37.9	-152.1	117.3	102.9	104.2	95.2	109.7	104.3
2010	125	33.1	-154.4	82.4	102.8	104.3	95.7	110.5	104.2
2011	136	41.1	-152.2	128.2	103.1	104.4	95.7	110.1	104.5
2012	121	60.0	-118.0	181.3	103.2	104.7	95.9	109.2	104.5
2013	158	71.2	-86.6	183.9	103.1	104.4	95.7	110.2	104.5
2014	121	85.0	-89.6	242.7	103.4	104.9	97.2	110.8	104.8
2015	91	99.4	-53.0	265.4	103.1	104.6	96.2	109.2	104.8
2016	74	105.7	-49.4	274.1	103.6	105.2	96.8	110.2	105.0
2017	46	114.0	-17.7	277.1	103.0	104.5	95.8	111.0	105.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2000	10	104.0	103.2	103.0	104.2	98.2	106.6	96.0
2001	17	102.9	102.1	102.2	102.8	99.4	106.4	96.6
2003	17	104.3	103.6	103.1	103.5	100.4	106.8	97.0
2004	14	104.8	103.7	103.8	104.3	100.1	106.4	96.2
2006	17	104.1	103.5	103.8	103.1	99.5	106.2	95.9
2007	17	105.2	105.1	103.6	103.2	101.3	106.8	96.7
2008	12	104.6	103.3	104.0	103.4	100.6	106.6	97.2
2009	27	104.9	105.6	102.4	103.0	102.3	105.4	98.4
2010	28	105.4	105.2	103.6	103.4	102.1	106.2	97.1
2011	25	105.0	104.6	104.0	103.3	101.4	106.6	96.4
2012	36	105.1	104.8	103.8	103.0	101.9	106.4	97.3
2013	37	105.3	105.1	103.5	103.0	102.4	106.3	97.6
2014	32	105.1	104.7	103.8	102.8	102.3	106.6	98.2
2015	29	105.3	105.0	103.0	102.9	103.2	106.5	99.0
2016	23	104.9	105.2	102.8	103.0	102.6	106.0	98.4
2017	10	104.7	105.0	103.2	102.7	102.1	105.6	97.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	10	96.8	105.4	96.8	105.4	96.2	104.7
1988	11	97.7	105.0	97.7	105.0	97.5	104.5
1989	12	97.6	105.1	97.6	105.1	96.6	104.3
1990	29	97.0	105.3	97.0	105.3	96.7	104.8

1991	34	97.0	104.7	97.0	104.7	97.1	104.2
1992	55	97.3	104.9	97.3	104.9	97.2	104.3
1993	77	96.9	104.8	96.9	104.8	96.8	104.1
1994	67	96.6	104.8	96.6	104.8	96.2	104.0
1995	79	96.7	104.7	96.7	104.7	95.9	104.0
1996	67	95.9	105.0	95.9	105.0	95.3	104.6
1997	66	97.0	105.0	97.0	105.0	96.8	104.5
1998	64	96.2	104.8	96.2	104.8	95.8	104.5
1999	96	98.1	104.8	98.1	104.8	97.3	104.1
2000	100	97.8	105.1	97.8	105.1	97.1	104.2
2001	106	97.9	105.4	97.9	105.4	97.5	104.2
2002	122	97.6	105.0	97.6	105.0	97.2	104.1
2003	137	98.1	105.2	98.1	105.2	97.7	103.8
2004	162	98.0	105.5	98.0	105.5	97.4	104.2
2005	126	98.1	105.4	98.1	105.4	97.3	104.2
2006	168	98.1	104.8	98.1	104.8	97.5	103.9
2007	149	97.9	105.6	97.9	105.6	97.1	104.4
2008	113	97.8	105.8	97.8	105.8	97.3	104.6
2009	146	97.9	105.8	97.9	105.8	97.5	104.3
2010	145	97.8	105.8	97.8	105.8	97.7	104.4
2011	168	98.0	106.1	98.0	106.1	97.8	104.8
2012	151	97.8	106.2	97.8	106.2	98.1	104.6
2013	175	97.8	106.1	97.8	106.1	98.2	104.7
2014	168	97.9	106.4	97.9	106.4	98.1	104.6
2015	133	97.7	106.5	97.7	106.5	98.3	104.9
2016	136	98.0	106.5	98.0	106.5	98.4	104.7
2017	126	98.5	105.3	98.5	105.3	98.9	103.8
2018	107	98.6	104.3	98.6	104.3	99.0	102.8
2019	104	98.5	102.2	98.5	102.2	99.0	101.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	15	95.3	110.8	105.5	89.6	79.8	76.0
1990	22	97.3	110.2	103.9	93.1	81.3	77.0
1991	29	95.8	110.5	105.0	108.7	96.1	92.0
1992	45	96.4	109.8	104.5	110.6	97.8	92.5
1993	45	95.6	110.1	105.1	107.6	96.2	91.6
1994	38	95.1	109.6	105.6	112.7	100.1	95.0
1995	38	95.4	109.7	105.5	103.0	92.7	88.1
1996	38	94.8	110.8	106.1	109.3	98.1	93.2
1997	46	95.4	110.6	105.6	110.3	98.5	93.9
1998	41	94.4	110.9	106.2	109.7	98.6	93.0
1999	43	95.5	110.4	105.5	111.7	100.7	95.9
2000	45	96.4	109.9	104.5	112.3	100.5	94.6
2001	53	96.1	110.3	104.6	110.4	98.3	92.8
2002	34	94.6	111.2	106.2	108.3	97.7	92.8
2003	72	95.9	110.0	105.0	111.7	100.1	95.6
2004	73	95.6	111.2	105.2	109.1	99.4	96.2
2005	64	95.9	110.5	104.8	104.1	95.1	90.9
2006	67	95.3	110.4	105.4	109.6	99.4	95.4
2007	79	95.3	111.1	105.5	111.4	101.7	97.5
2008	82	95.4	110.8	105.4	111.1	101.2	97.8
2009	84	96.3	111.3	104.5	111.3	100.6	95.4
2010	88	95.6	111.0	105.2	110.9	100.0	95.9
2011	104	95.5	110.7	105.3	109.8	99.4	95.1
2012	99	95.8	110.4	105.1	111.0	99.4	95.5
2013	114	95.9	110.3	105.0	111.7	98.9	94.6
2014	95	95.4	110.8	105.3	111.7	99.1	94.8

2015	77	95.4	111.4	105.1	111.5	98.3	95.0
2016	84	96.1	110.2	104.6	111.2	98.8	95.0
2017	102	96.2	109.7	104.5	110.4	97.8	94.0
2018	79	96.7	109.0	104.4	110.2	96.8	93.4
2019	82	96.3	109.2	104.7	106.2	93.0	89.7

Tabel: 299 Brown Swiss: Vleeskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1983	10	100.9	109.8	97.6	100.7	109.0	101.9	99.6	93.2	109.8	98.0	109.1
1985	12	101.2	110.2	98.0	99.8	110.2	101.6	99.6	93.7	111.0	97.8	108.7
1987	12	100.1	110.5	97.4	100.3	108.7	102.4	98.1	93.7	110.7	97.6	108.7
1988	13	100.8	110.2	98.3	99.9	108.2	102.8	98.8	94.0	110.6	98.0	109.3
1989	16	100.9	110.3	97.7	100.2	109.6	101.9	99.6	92.9	110.8	97.5	109.2
1990	31	100.3	110.3	98.5	99.9	108.7	102.5	98.9	93.0	110.4	98.6	108.5
1991	40	100.9	110.2	98.1	100.0	109.5	102.3	99.2	93.2	110.7	98.5	108.4
1992	55	101.0	109.9	98.8	99.5	109.7	102.2	99.5	93.2	110.8	98.5	108.3
1993	70	100.8	110.9	98.3	100.6	109.5	102.8	99.3	92.7	111.3	98.5	109.1
1994	54	100.9	110.1	98.2	100.1	109.7	102.6	99.3	93.3	110.8	98.3	108.6
1995	63	100.6	109.7	98.7	99.9	109.3	103.0	99.0	93.1	110.7	98.7	108.6
1996	58	101.4	110.2	98.6	100.4	109.6	102.6	99.9	93.4	110.7	98.6	109.1
1997	60	101.0	109.6	98.8	100.0	109.2	102.7	99.6	93.6	110.2	99.0	108.5
1998	72	100.3	110.1	98.9	100.0	109.4	103.1	99.0	92.5	110.7	99.1	108.2
1999	119	100.8	109.9	98.7	100.1	109.1	103.0	99.2	93.4	110.5	98.9	108.4
2000	86	101.1	109.8	98.2	100.6	109.0	102.7	99.8	93.3	110.4	98.5	108.9
2001	150	100.9	110.2	98.7	100.2	109.3	103.1	99.2	93.4	110.7	99.1	108.2
2002	128	100.9	109.9	98.9	100.8	108.7	103.4	99.6	93.4	110.3	99.3	108.8
2003	137	101.2	110.4	98.4	101.2	109.3	103.2	99.9	93.3	110.5	99.5	108.6
2004	139	101.0	109.5	98.7	100.4	108.9	103.2	99.7	93.5	110.0	99.7	107.9
2005	124	100.6	109.0	98.8	100.1	108.4	103.1	99.4	93.4	109.4	99.7	107.3
2006	131	100.5	108.8	98.5	100.2	108.1	103.3	99.4	93.5	109.3	99.6	107.5
2007	121	101.2	109.3	97.8	101.0	108.4	102.6	100.1	93.5	109.3	99.1	108.0
2008	84	101.2	108.8	98.1	100.8	108.4	102.8	100.2	93.5	109.2	99.2	108.3
2009	93	101.0	108.6	97.9	100.2	108.3	102.5	100.0	93.5	109.0	99.2	107.5
2010	87	101.5	108.5	98.0	100.6	108.4	102.4	100.7	93.5	108.9	99.3	107.9
2011	66	102.3	108.2	98.6	100.7	108.9	102.3	101.7	93.8	108.6	100.0	108.1
2012	54	102.6	108.0	98.4	101.2	108.7	102.4	102.2	93.4	108.4	99.9	108.5
2013	58	102.6	107.5	98.4	100.7	108.4	102.2	101.9	94.2	108.2	99.9	108.1
2014	40	102.9	107.2	98.3	101.0	108.4	102.5	102.4	94.1	107.8	100.4	108.2
2015	39	102.4	107.0	98.0	100.5	108.0	102.3	101.7	94.4	107.8	100.0	107.8
2016	36	102.4	107.7	98.7	100.7	108.1	102.6	101.8	94.5	108.1	100.2	107.9
2017	23	102.9	107.0	98.3	100.4	108.4	102.3	101.9	94.9	108.2	99.8	108.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	10	88.5	97.6	83.7
1988	12	90.9	99.6	83.9
1989	12	89.7	98.2	84.0
1990	31	89.2	98.1	83.8
1991	34	88.9	97.6	83.8
1992	56	88.8	97.7	84.0
1993	88	87.9	96.8	84.0
1994	81	87.7	96.5	84.3

1995	85	88.1	97.0	83.4
1996	77	87.9	96.8	83.4
1997	65	88.5	97.5	82.8
1998	66	87.6	96.8	83.3
1999	96	90.1	98.7	82.8
2000	100	90.0	98.3	83.7
2001	112	90.6	98.7	83.3
2002	129	90.4	98.8	83.4
2003	142	90.7	99.0	83.1
2004	161	90.9	99.5	83.1
2005	136	90.7	99.3	82.9
2006	175	91.4	99.9	82.5
2007	156	91.1	99.5	82.3
2008	119	91.6	99.8	83.1
2009	163	92.2	100.0	83.4
2010	153	92.3	100.4	83.4
2011	177	91.8	99.9	83.0
2012	165	91.9	100.1	82.8
2013	184	92.3	100.1	82.9
2014	181	92.9	100.5	82.8
2015	148	93.7	100.9	83.7
2016	146	94.1	101.2	84.2
2017	143	94.5	101.7	84.1
2018	120	95.1	102.1	84.7
2019	100	95.3	102.4	84.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	191	-1568.8	-7248.9	-256.1	-227.2
2002	141	-1692.4	-7827.0	-275.2	-245.4
2003	148	-1295.0	-6138.8	-207.6	-188.9
2004	145	-841.7	-4249.4	-129.7	-124.6
2005	122	-797.5	-4176.5	-118.3	-119.9
2006	132	-818.3	-4270.1	-126.3	-120.7
2007	126	-779.9	-4157.3	-118.3	-115.8
2008	95	-342.6	-2236.3	-44.1	-53.5
2009	118	16.0	-730.5	19.3	-3.6
2010	123	-185.1	-1687.5	-20.5	-29.1
2011	130	95.5	-665.7	31.4	9.4
2012	118	576.8	1276.3	110.7	79.7
2013	159	700.9	2146.9	126.7	98.9
2014	120	1069.5	3286.4	190.4	152.4
2015	102	1385.9	4795.8	248.4	194.9
2016	79	1470.5	5466.3	253.0	211.0
2017	62	1603.1	5864.1	277.5	229.5

Tabel: 302 Brown Swiss: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1990	10	97.9	99.4	105.6
1992	15	99.5	101.5	106.1
1993	19	99.2	101.0	104.9
1994	20	99.0	102.1	105.0

1995	18	99.6	101.6	104.8
1996	22	98.9	102.0	106.1
1997	23	98.5	101.4	105.3
1998	18	98.8	102.4	105.6
1999	15	98.4	101.9	105.5
2000	24	99.1	101.8	105.1
2001	23	97.9	102.2	105.4
2002	13	98.5	102.8	105.2
2003	33	99.1	102.5	104.7
2004	32	99.1	102.5	104.9
2005	21	99.1	102.0	104.7
2006	26	98.8	102.0	105.2
2007	20	99.2	101.2	105.3
2008	27	98.7	100.2	105.2
2009	24	98.8	103.5	105.1
2010	40	98.3	102.2	105.2
2011	50	100.0	102.5	104.8
2012	30	98.7	103.0	105.1
2013	47	100.1	104.2	104.9
2014	36	98.8	104.2	104.9
2015	39	99.5	104.3	104.9
2016	32	99.9	105.5	105.0
2017	37	101.6	104.5	104.9

Tabel: 303 Brown Swiss: Overige productie en efficiency kenm.

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1983	12	100.2	100.5	0	0.0	0	0.0
1985	15	98.9	99.9	15	-3.9	0	0.0
1986	12	99.0	100.1	12	-3.9	0	0.0
1987	18	100.3	101.6	18	-3.6	0	0.0
1988	16	100.5	102.7	16	-3.8	0	0.0
1989	36	99.7	101.3	36	-3.8	0	0.0
1990	45	100.9	102.4	45	-3.4	0	0.0
1991	53	99.8	102.1	53	-3.7	0	0.0
1992	71	100.5	102.3	71	-3.6	0	0.0
1993	83	99.4	101.7	84	-3.4	0	0.0
1994	95	100.0	101.1	95	-3.6	0	0.0
1995	105	99.5	101.5	106	-3.3	0	0.0
1996	77	100.2	101.8	77	-3.1	0	0.0
1997	95	100.6	99.5	95	-3.5	0	0.0
1998	115	100.7	100.3	116	-3.4	0	0.0
1999	159	100.3	100.0	160	-3.2	0	0.0
2000	123	100.3	100.1	123	-3.0	0	0.0
2001	200	99.8	100.5	200	-2.8	62	95.8
2002	145	99.8	100.1	145	-2.6	28	98.2
2003	149	100.3	100.5	149	-2.3	53	97.2
2004	152	101.1	101.2	152	-2.2	50	98.2
2005	126	100.7	101.1	127	-2.2	43	98.6
2006	138	100.9	100.7	138	-2.2	50	97.9
2007	129	99.9	100.9	130	-2.0	37	98.9
2008	98	101.2	100.7	98	-1.8	44	98.7
2009	117	101.5	101.6	117	-1.5	40	97.4
2010	125	101.6	101.3	125	-1.4	45	99.1
2011	137	101.7	100.9	139	-1.5	48	98.8
2012	121	101.5	102.2	121	-1.1	48	99.4
2013	158	103.2	101.5	159	-0.9	58	98.6
2014	121	102.5	101.9	121	-0.9	36	98.9
2015	91	101.8	101.2	101	-0.6	45	98.0

2016	74	102.8	101.5	74	-0.5	36	99.8
2017	46	102.7	101.2	57	-0.3	23	98.5

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	18	-1403.2	-48.6	-55.7	-63.9	22.3	-7.0	-0.1	-349.7
2003	10	-392.1	-15.7	-15.0	-17.8	2.8	-1.2	0.1	-99.8
2005	10	-523.9	-19.6	-22.5	-20.8	6.0	-4.4	4.9	-139.7
2006	14	-584.7	-22.0	-27.1	-25.8	5.9	-7.9	1.2	-164.9
2008	12	-463.9	-14.8	-18.9	-21.7	8.2	-2.7	-0.8	-115.3
2012	14	-355.0	-14.7	-12.1	-22.5	2.5	1.1	-8.1	-87.4
2013	13	-489.2	-12.1	-17.2	-27.5	14.1	0.8	-6.8	-104.2
2014	12	-365.7	-19.6	-15.8	-24.5	-2.2	-2.4	-9.9	-113.7

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

Tabel: 305 Zweeds Roodbont: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	14	87.2	94.5	89.9	90.4	99.4	98.9	91.6

Tabel: 306 Zweeds Roodbont: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1985	14	97.9	104.1	93.8	97.1

Tabel: 307 Zweeds Roodbont: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	14	94.7	95.1	98.1	93.6	90.1	95.6	96.6

Tabel: 308 Zweeds Roodbont: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	14	89.8	89.6	91.1	96.1	0.0	88.6

Tabel: 309 Zweeds Roodbont: Vruchtbaarheidskenmerken

Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	19	99.7	105.6	104.1	105.1	102.5	98.7	91.8	104.7
1987	11	98.6	105.0	102.7	104.2	101.0	97.9	91.2	103.6
2006	14	100.4	105.1	104.6	105.6	103.5	98.4	94.5	105.4
2008	12	99.2	106.3	104.8	106.4	103.2	98.2	94.7	105.8
2012	14	100.6	105.3	104.7	106.0	104.1	98.9	94.6	105.5
2013	13	100.7	104.8	104.9	105.8	104.3	98.8	94.5	105.5
2014	12	100.8	105.6	105.2	106.2	104.6	99.2	95.3	106.1

Tabel: 310 Zweeds Roodbont: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1985	16	-104.9	-349.7	-163.5	102.1	104.7	91.1	96.1	102.0
2003	10	-5.8	-99.8	127.0	100.2	104.9	92.0	95.5	104.7
2005	10	-27.5	-139.7	120.8	101.7	103.4	93.0	96.7	104.5
2006	14	-20.7	-164.9	95.0	101.4	105.4	93.5	94.7	103.5
2008	12	17.8	-115.3	165.3	101.7	105.8	93.3	93.0	104.4
2012	14	39.1	-87.4	208.3	100.9	105.5	94.0	100.0	105.7
2013	13	2.8	-104.2	104.8	100.5	105.5	96.0	95.2	105.2
2014	12	24.2	-113.7	216.2	100.6	106.1	0.0	0.0	104.6

Tabel: 311 Zweeds Roodbont: Levensvatbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVal	LVg2	LVa2
2006	10	98.2	104.7	98.2	104.7	100.9	103.7
2008	11	98.9	105.3	98.9	105.3	100.9	104.3
2012	18	100.4	105.7	100.4	105.7	102.9	104.4
2013	13	99.2	106.0	99.2	106.0	101.5	104.5
2014	13	99.8	104.8	99.8	104.8	102.6	103.8

Tabel: 312 Zweeds Roodbont: Geboortekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2006	14	101.4	101.1	97.8	88.8	80.4	82.6
2008	13	101.3	101.2	98.1	88.7	78.5	81.1

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2006	10	98.2	100.7	96.6

2008	11	98.2	100.9	95.8
2012	17	98.6	100.9	95.5
2013	13	98.1	100.9	95.2
2014	15	97.7	100.5	97.2

Tabel: 314 Zweeds Roodbont: Levensproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2006	13	-192.5	-848.8	7.8	-48.0
2008	12	478.5	1477.0	120.9	49.8
2012	14	869.1	3054.9	163.2	118.1
2013	13	147.0	-216.9	61.5	5.1
2014	12	831.7	3431.9	154.2	112.7

Tabel: 315 Zweeds Roodbont: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1985	18	97.8	93.4	20	-4.1	0	0.0
2003	10	98.4	93.2	10	-2.8	4	86.0
2005	10	98.7	93.3	10	-2.9	3	87.3
2006	14	97.6	92.6	14	-2.9	6	87.5
2008	12	99.6	92.5	12	-2.5	6	90.2
2012	14	97.9	91.7	14	-2.2	2	89.5
2013	13	97.0	91.3	13	-2.1	4	90.8
2014	12	99.1	93.1	12	-2.7	0	0.0

Tabel: 316 Angler: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	19	-2841.7	-74.1	-90.2	-129.6	101.0	22.8	-0.5	-564.1
1981	20	-2865.7	-75.7	-91.8	-130.7	100.1	21.6	-0.4	-574.8
1982	22	-2800.2	-77.7	-90.5	-127.8	89.8	19.1	-0.5	-572.8
1984	12	-2856.0	-75.2	-89.2	-130.3	102.6	26.6	-0.5	-563.1
1985	14	-2959.7	-75.9	-93.4	-135.1	109.7	25.4	-0.6	-582.5
1986	21	-2785.7	-73.2	-88.6	-127.0	97.3	22.1	-0.5	-555.3
1987	13	-2854.8	-76.8	-92.2	-130.3	96.8	20.1	-0.6	-578.1
1988	16	-3074.9	-89.3	-100.1	-140.2	97.8	22.1	-0.4	-640.1

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

Tabel: 317 Angler: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	13	79.8	92.2	83.6	87.2	93.5	95.3	84.6
1981	14	79.6	91.5	83.1	87.2	93.4	94.4	84.7

1982	16	80.6	90.4	82.6	87.1	92.5	95.4	84.3
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Tabel: 318 Angler: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	13	102.5	101.0	92.5	103.6
1981	14	102.6	101.2	92.4	103.4
1982	16	102.4	100.9	92.8	102.9

Tabel: 319 Angler: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	13	87.6	89.2	104.4	91.2	84.4	94.5	93.4
1981	14	88.9	90.3	101.5	92.9	84.9	95.4	94.6
1982	16	89.2	89.2	100.9	94.1	85.7	95.1	93.7

Tabel: 320 Angler: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	13	81.2	80.3	85.3	101.9	0.0	84.5
1981	14	80.5	79.9	86.9	101.9	0.0	85.1
1982	16	80.3	78.7	87.8	101.8	0.0	85.4

Tabel: 321 Angler: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	39	101.8	107.1	104.6	106.4	102.8	96.9	82.1	105.6
1981	57	101.6	107.1	104.5	106.4	102.8	97.0	82.5	105.6
1982	48	102.0	107.1	104.9	106.7	103.1	97.2	82.9	106.0
1983	21	102.5	106.5	104.8	106.2	103.3	96.7	81.5	105.7
1984	25	102.1	106.4	104.4	106.1	102.9	96.6	81.8	105.4
1985	29	101.7	106.8	104.1	106.1	102.5	96.5	81.4	105.4
1986	29	101.3	106.9	104.0	106.0	102.3	96.1	81.6	105.3
1987	16	102.0	108.0	105.5	107.4	103.6	97.4	82.1	106.8
1988	18	101.7	107.5	104.9	106.9	103.1	97.4	81.7	106.2
1989	17	102.2	105.4	103.9	105.2	102.8	96.8	81.9	104.8

Tabel: 322 Angler: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
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1980	16	-203.6	-564.1	-300.2	103.2	105.6	85.3	101.9	0.0
1981	19	-195.8	-574.8	-302.4	104.4	105.6	86.9	101.9	0.0
1982	22	-203.5	-572.8	-316.5	104.0	106.0	87.8	101.8	0.0
1984	11	-214.8	-563.1	-488.1	102.5	105.4	85.0	100.3	0.0
1985	14	-178.0	-582.5	-483.9	103.6	105.4	85.8	102.8	0.0
1986	21	-177.2	-555.3	-579.5	103.4	105.3	83.5	102.5	0.0
1987	13	-184.8	-578.1	-491.5	103.5	106.8	81.7	100.3	0.0
1988	16	-207.9	-640.1	-627.3	104.0	106.2	92.0	103.0	0.0

Tabel: 323 Angler: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	19	99.4	99.1	0	0.0	0	0.0
1981	20	99.0	99.0	0	0.0	0	0.0
1982	22	98.8	99.4	0	0.0	0	0.0
1984	12	99.2	98.8	0	0.0	0	0.0
1985	14	97.7	98.3	16	-7.8	0	0.0
1986	21	99.2	98.7	22	-6.4	0	0.0
1987	13	100.8	98.3	13	-6.3	0	0.0
1988	16	98.5	97.9	16	-7.2	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	12	-1537.5	-75.6	-57.4	-70.2	-9.7	-2.9	-0.4	-415.2
1981	28	-1460.8	-74.0	-54.4	-66.8	-12.2	-2.4	-0.4	-398.3
1982	17	-1540.0	-78.5	-57.9	-70.3	-14.1	-3.8	-0.4	-423.5
1983	15	-1455.6	-75.6	-53.3	-66.5	-15.1	-1.3	-0.4	-397.4
1984	23	-1369.8	-71.5	-52.8	-62.5	-14.8	-5.0	-0.2	-385.5
1985	40	-1651.2	-81.4	-60.8	-75.3	-10.9	-2.0	-0.3	-442.8
1986	37	-1561.2	-79.4	-59.1	-71.3	-14.1	-4.4	-0.4	-430.4
1987	70	-1682.0	-82.3	-61.8	-76.7	-10.0	-1.5	-0.3	-449.3
1988	54	-1633.9	-78.7	-60.4	-74.6	-8.0	-2.2	-0.3	-435.2
1989	80	-1625.2	-77.1	-60.5	-74.2	-6.3	-2.7	-0.4	-432.1
1990	88	-1617.7	-77.0	-60.4	-73.9	-6.3	-3.0	-0.3	-431.5
1991	58	-1567.2	-75.2	-59.1	-71.5	-7.0	-3.9	-0.3	-421.9
1992	94	-1543.6	-72.2	-58.0	-70.5	-3.6	-3.1	-0.4	-410.6
1993	99	-1325.0	-66.0	-51.7	-60.5	-9.1	-5.4	-0.4	-368.9
1994	163	-1375.8	-69.1	-53.3	-62.8	-10.6	-5.0	-0.2	-382.5
1995	111	-1322.5	-68.1	-50.8	-60.4	-12.4	-4.2	-0.3	-369.5
1996	182	-1302.6	-69.5	-49.7	-59.4	-15.8	-3.9	-0.3	-367.4
1997	147	-1184.4	-64.4	-45.3	-54.1	-16.0	-3.6	-0.2	-337.0
1998	187	-1203.8	-61.6	-45.1	-55.0	-10.7	-2.3	-0.3	-330.7
1999	215	-1202.1	-64.6	-46.8	-54.8	-15.1	-4.8	-0.2	-344.1
2000	210	-1163.0	-63.7	-45.5	-53.0	-16.3	-5.0	-0.2	-336.1
2001	235	-1091.9	-58.7	-42.8	-48.0	-13.4	-4.7	2.4	-313.4
2002	177	-904.5	-50.3	-35.7	-38.1	-13.1	-4.0	4.4	-263.2
2003	229	-765.8	-46.8	-31.7	-32.2	-16.3	-5.3	3.7	-238.0
2004	256	-706.7	-44.6	-29.9	-30.1	-16.9	-5.7	2.9	-225.5
2005	344	-658.1	-43.1	-28.0	-27.9	-17.8	-5.4	2.8	-213.6
2006	352	-608.9	-40.0	-26.8	-26.2	-16.4	-6.2	1.9	-201.8
2007	402	-520.4	-36.8	-23.6	-22.3	-17.2	-6.0	1.9	-180.9
2008	402	-430.1	-34.0	-20.6	-18.1	-18.7	-6.3	1.9	-161.4

2009	462	-388.5	-31.9	-18.8	-16.7	-18.3	-5.9	1.3	-149.0
2010	445	-223.2	-24.5	-12.8	-10.1	-17.8	-5.7	0.1	-107.0
2011	509	-182.7	-22.1	-11.3	-8.9	-17.0	-5.6	-0.7	-95.2
2012	519	-83.0	-18.3	-7.3	-5.3	-17.6	-4.9	-1.8	-69.7
2013	559	-57.3	-15.0	-5.9	-4.2	-14.8	-4.4	-1.9	-57.1
2014	526	49.8	-11.6	-2.8	0.0	-16.3	-5.2	-2.7	-36.1
2015	430	142.5	-8.3	-0.3	4.1	-17.1	-6.2	-2.8	-17.5
2016	349	162.9	-5.6	2.6	5.3	-15.1	-3.5	-2.5	0.5
2017	125	279.3	-2.1	6.2	9.8	-16.8	-4.2	-3.4	23.8

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

Tabel: 325 Montbéliard: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	14	94.8	105.6	92.6	86.4	108.4	106.0	92.1
1982	10	94.9	105.3	93.1	87.2	108.1	104.5	92.4
1985	18	94.8	105.7	92.7	86.6	108.8	105.6	91.3
1986	17	95.2	105.6	92.9	87.2	108.8	104.4	92.0
1987	30	95.9	106.5	93.7	87.8	108.8	105.4	92.8
1988	14	95.6	105.4	92.9	87.2	108.3	104.6	91.8
1989	40	94.5	106.3	93.3	87.1	109.8	105.9	92.5
1990	36	95.2	106.5	93.9	87.3	109.7	106.3	92.7
1991	29	95.1	106.2	93.1	86.9	109.4	105.8	92.5
1992	34	94.8	106.5	93.1	86.9	110.1	107.1	91.4
1993	36	95.5	108.2	94.8	87.7	110.3	105.7	93.0
1994	71	95.7	107.8	94.5	87.7	110.0	106.4	92.9
1995	25	95.8	107.8	94.2	87.5	110.4	107.2	92.2
1996	27	95.4	108.4	94.5	87.4	111.1	106.7	92.5
1997	38	96.7	108.6	95.5	88.3	111.0	108.5	93.1
1998	43	96.0	107.9	94.5	87.3	110.8	107.3	92.6
1999	51	96.4	108.1	94.4	87.8	110.5	107.8	93.1
2000	38	95.9	107.4	93.4	86.9	110.1	108.1	93.3
2001	30	96.4	108.3	94.7	88.1	110.5	106.2	94.0
2002	36	95.9	107.8	93.9	87.4	110.9	107.5	93.5
2003	35	96.8	108.6	94.8	88.3	110.6	107.3	94.1
2004	33	97.0	107.8	94.0	87.7	110.5	107.6	92.9
2005	60	96.2	108.2	94.3	87.7	111.5	106.9	93.4
2006	34	96.7	108.5	94.5	87.6	111.4	107.2	93.8
2007	43	97.3	108.8	94.8	88.0	111.4	107.2	93.8
2008	46	97.8	108.6	94.8	88.1	111.1	106.9	94.2
2009	41	98.2	108.8	95.6	89.0	110.8	107.4	94.1
2010	33	98.3	109.8	96.6	89.6	110.9	106.2	94.0
2011	54	99.3	108.6	96.1	89.4	110.1	106.0	93.9
2012	55	98.5	108.7	96.1	89.9	109.9	106.3	93.7
2013	58	99.1	108.1	95.8	89.9	109.3	106.5	94.4
2014	66	100.1	107.7	96.9	91.1	108.4	105.9	94.7
2015	37	99.5	109.0	96.8	90.5	109.4	104.1	94.6
2016	52	99.6	108.7	96.7	90.9	108.9	105.3	93.8
2017	10	99.2	108.1	97.8	93.0	106.6	104.8	94.6

Tabel: 326 Montbéliard: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1981	14	102.5	96.9	104.9	98.6

1982	10	102.9	96.3	103.6	99.3
1985	18	103.2	96.1	105.7	98.9
1986	17	103.6	95.7	105.6	100.1
1987	30	103.2	96.3	105.8	99.4
1988	14	103.6	95.9	105.4	99.7
1989	40	102.9	97.2	104.9	98.5
1990	36	103.9	96.4	106.2	99.4
1991	29	103.3	96.7	105.4	99.1
1992	34	103.1	96.2	106.5	98.8
1993	36	104.2	95.6	105.0	100.6
1994	71	103.9	95.9	105.1	100.1
1995	25	104.2	95.7	105.9	100.3
1996	27	104.1	95.6	105.9	100.0
1997	38	104.0	95.9	105.4	100.4
1998	43	104.0	96.0	105.5	100.2
1999	51	104.1	96.3	106.0	99.9
2000	38	103.9	97.3	105.3	99.7
2001	30	103.5	96.3	106.5	99.9
2002	36	104.4	95.9	106.5	100.9
2003	35	104.5	96.0	106.9	100.7
2004	33	104.2	94.8	107.4	100.7
2005	60	104.8	95.8	106.4	101.6
2006	34	104.7	95.2	106.6	101.3
2007	43	104.8	95.5	106.9	101.3
2008	46	104.6	95.0	107.6	100.8
2009	41	105.3	94.7	107.4	101.7
2010	33	104.9	96.4	106.4	100.9
2011	54	105.0	95.8	107.0	101.0
2012	55	106.0	96.6	106.7	101.8
2013	58	105.6	96.2	107.1	101.8
2014	66	105.9	95.8	107.4	102.0
2015	37	106.6	96.4	107.0	102.8
2016	52	107.1	96.9	106.8	102.8
2017	10	107.4	97.2	106.8	104.0

Tabel: 327 Montbéliard: Exterieurkenmerken uier
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1981	14	91.6	92.7	105.9	93.3	83.2	93.6	93.9
1982	10	92.7	93.4	106.6	93.8	85.7	92.8	93.5
1985	18	92.2	92.7	104.5	93.9	84.0	92.8	92.9
1986	17	92.8	93.2	105.3	94.3	84.5	93.3	93.3
1987	30	92.4	93.0	105.2	94.0	84.3	93.1	93.0
1988	14	93.3	93.7	105.4	94.4	84.6	93.7	94.1
1989	40	92.8	92.8	105.9	94.1	83.3	91.8	93.0
1990	36	92.4	93.0	105.8	93.6	83.5	91.7	93.1
1991	29	92.3	92.7	105.3	93.6	83.5	92.1	92.9
1992	34	90.9	92.1	105.4	92.4	82.7	91.9	92.6
1993	36	91.5	92.9	107.9	92.2	84.9	90.3	90.9
1994	71	92.2	93.5	106.4	92.8	84.9	91.5	91.8
1995	25	91.8	92.9	106.5	92.7	84.2	91.3	91.8
1996	27	91.1	92.6	105.8	92.5	83.3	92.5	92.4
1997	38	91.7	92.4	106.2	93.3	83.5	91.5	91.9
1998	43	92.7	93.2	105.7	94.1	83.7	92.2	92.7
1999	51	91.6	92.8	105.9	93.2	83.1	91.3	91.6
2000	38	92.0	93.4	104.9	93.6	83.2	91.5	91.9
2001	30	92.2	92.6	105.0	93.2	83.6	91.2	91.6
2002	36	92.0	93.1	104.4	93.1	83.6	91.5	92.1
2003	35	92.2	92.3	106.1	93.3	84.2	91.3	91.7

2004	33	92.1	92.7	105.4	93.2	84.0	91.4	91.7
2005	60	92.4	93.3	103.5	93.3	83.7	92.2	92.5
2006	34	92.3	92.9	103.8	93.7	83.3	92.5	92.9
2007	43	92.6	94.1	104.5	93.9	83.7	92.4	92.7
2008	46	92.2	93.4	104.3	93.7	84.0	92.1	92.6
2009	41	92.8	94.9	103.8	94.2	84.5	94.1	94.6
2010	33	92.6	94.2	104.8	92.8	84.0	91.5	91.9
2011	54	93.7	95.5	103.9	95.0	85.1	93.1	94.0
2012	55	94.1	95.8	103.3	94.5	85.8	93.8	95.0
2013	58	95.0	95.8	103.5	96.3	87.0	94.6	95.5
2014	66	95.2	96.1	103.8	96.3	87.9	94.0	94.9
2015	37	95.2	95.8	103.5	95.9	87.4	93.9	94.9
2016	52	94.9	95.8	104.4	95.5	87.9	94.1	95.1
2017	10	94.6	95.7	103.5	94.7	87.3	93.7	94.2

Tabel: 328 Montbéliard: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	14	97.9	93.7	87.2	99.3	0.0	91.3
1982	10	97.3	94.4	88.3	99.4	0.0	91.8
1985	18	96.9	93.7	88.0	99.6	0.0	91.6
1986	17	97.1	94.5	88.5	100.4	0.0	92.5
1987	30	98.2	95.1	88.3	100.0	0.0	92.6
1988	14	97.0	94.3	88.9	100.1	0.0	92.4
1989	40	98.0	95.0	87.5	99.5	0.0	91.8
1990	36	98.4	95.2	87.4	100.3	0.0	92.2
1991	29	97.9	94.7	87.4	99.7	0.0	91.9
1992	34	97.9	94.7	86.0	99.7	0.0	91.0
1993	36	98.7	95.6	86.6	100.7	0.0	92.1
1994	71	98.8	95.3	87.5	100.6	0.0	92.7
1995	25	98.8	95.1	87.0	100.7	0.0	92.3
1996	27	98.7	95.6	86.5	100.4	0.0	92.0
1997	38	100.1	96.3	86.9	100.8	0.0	92.9
1998	43	99.0	95.5	87.7	100.5	0.0	92.8
1999	51	99.5	95.6	86.6	100.6	0.0	92.4
2000	38	99.3	94.9	87.2	100.5	0.0	92.6
2001	30	99.5	96.1	87.1	100.4	0.0	92.7
2002	36	99.3	95.7	87.2	101.2	0.0	93.1
2003	35	99.7	96.2	87.3	101.3	0.0	93.3
2004	33	98.8	95.5	87.3	101.0	0.0	92.8
2005	60	99.3	96.2	87.5	101.8	0.0	93.6
2006	34	99.6	96.1	87.5	101.3	0.0	93.3
2007	43	99.7	96.4	87.9	101.6	0.0	93.8
2008	46	99.8	96.3	87.7	101.2	0.0	93.5
2009	41	100.2	96.9	88.6	101.8	0.0	94.5
2010	33	100.0	97.3	87.5	101.5	0.0	93.8
2011	54	99.6	96.9	89.3	101.5	0.0	94.5
2012	55	99.5	96.9	89.7	102.7	0.0	95.4
2013	58	100.0	96.8	91.2	102.6	0.0	96.2
2014	66	100.2	97.5	91.5	102.5	0.0	96.4
2015	37	99.5	97.1	91.2	103.6	0.0	96.6
2016	52	99.4	97.0	91.0	103.8	0.0	96.6
2017	10	100.3	97.4	90.5	105.0	0.0	97.3

Tabel: 329 Montbéliard: Vruchtbaarheidsskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	12	102.2	105.8	104.4	105.7	104.4	98.2	88.7	105.3
1981	26	102.0	106.2	104.3	105.7	104.3	98.2	89.8	105.2
1982	15	101.8	106.8	104.7	106.2	104.6	98.1	89.1	105.7
1983	12	101.8	106.4	104.5	106.2	104.5	98.2	90.7	105.5
1984	17	101.5	107.0	104.8	106.5	104.5	98.2	90.9	105.9
1985	33	101.8	106.2	104.6	105.8	104.4	97.9	89.5	105.4
1986	27	101.5	106.8	104.5	106.1	104.3	98.2	89.9	105.4
1987	38	101.5	106.6	104.7	105.9	104.3	98.0	90.0	105.6
1988	38	101.5	106.2	104.2	105.5	104.0	98.1	89.6	105.1
1989	81	102.4	107.3	105.7	107.3	105.4	98.6	90.4	106.8
1990	85	102.3	106.8	105.2	106.6	105.1	98.4	90.0	106.1
1991	56	102.1	106.7	104.9	106.3	104.9	98.3	89.7	105.8
1992	90	102.2	106.1	104.7	105.9	104.8	98.4	90.0	105.6
1993	98	102.4	106.5	105.3	106.6	105.4	98.6	89.8	106.2
1994	155	102.3	106.4	105.2	106.3	105.2	98.5	89.5	106.0
1995	108	102.0	106.5	104.9	106.2	104.9	98.5	89.5	105.8
1996	160	102.1	106.5	104.9	106.3	104.9	98.6	90.0	105.8
1997	146	101.5	107.1	104.8	106.7	104.6	98.2	90.6	105.9
1998	184	101.7	106.6	104.7	106.2	104.5	97.9	89.6	105.7
1999	215	102.0	106.5	104.8	106.1	104.7	98.2	89.8	105.7
2000	220	102.1	106.2	104.7	106.0	104.7	98.2	89.6	105.6
2001	247	101.8	106.2	104.8	106.0	104.7	98.1	89.9	105.6
2002	197	101.6	106.5	104.8	106.2	104.6	98.0	90.6	105.8
2003	263	101.4	106.1	104.6	105.8	104.3	98.0	90.7	105.4
2004	300	101.5	106.1	104.7	105.9	104.5	98.0	91.0	105.5
2005	387	101.9	106.1	105.0	105.9	104.8	98.2	90.4	105.7
2006	403	102.4	105.6	105.1	105.8	105.1	98.4	90.6	105.7
2007	463	102.0	106.0	105.0	106.0	104.9	98.2	90.8	105.8
2008	479	101.9	106.3	105.2	106.3	105.1	98.1	91.3	106.0
2009	572	101.8	106.5	105.3	106.5	105.1	97.8	91.8	106.1
2010	526	101.8	106.1	105.2	106.2	105.0	97.5	92.2	105.9
2011	589	102.1	105.6	105.2	106.0	105.2	97.9	92.2	105.8
2012	613	102.7	105.4	105.5	106.1	105.7	98.3	92.5	106.1
2013	673	103.3	104.9	105.7	105.8	106.1	98.7	92.4	106.0
2014	640	103.1	105.0	105.7	105.9	106.0	98.6	93.0	106.0
2015	515	102.9	104.8	105.5	105.7	105.8	98.5	93.2	105.8
2016	419	102.1	105.1	105.1	105.6	105.2	97.8	93.7	105.6
2017	220	101.9	105.1	105.0	105.6	105.1	97.7	93.9	105.5

Tabel: 330 Montbéliard: Gebruikskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	11	98.3	87.0	101.3	102.7	104.7
1985	13	98.5	87.8	101.9	102.0	104.0
1986	12	98.5	86.7	101.4	102.2	104.4
1987	22	98.5	94.5	101.7	102.3	104.1
1988	17	98.5	78.6	101.6	101.9	104.0
1989	42	99.0	74.7	101.2	101.5	104.0
1990	36	98.8	92.3	101.0	101.6	103.9
1991	25	98.9	80.2	101.7	101.6	104.0
1992	35	99.0	75.8	102.4	102.0	103.9
1993	41	96.1	92.2	101.6	101.3	103.1
1994	67	96.9	80.2	101.8	101.1	103.0
1995	30	96.9	81.3	101.4	101.2	103.2
1996	32	97.3	88.3	101.6	101.6	103.3
1997	42	97.7	87.0	101.5	101.6	102.8

1998	47	98.7	94.5	101.5	101.6	103.4
1999	53	98.7	90.9	101.2	101.5	103.3
2000	34	99.4	91.2	101.1	101.3	103.3
2001	30	98.8	88.3	101.5	101.9	103.1
2002	38	98.9	86.4	101.7	101.9	102.9
2003	38	99.1	89.3	102.2	102.2	103.3
2004	32	98.8	91.6	102.0	102.3	103.2
2005	60	98.0	94.2	102.4	102.4	103.0
2006	31	98.5	87.7	102.7	102.8	103.0
2007	43	98.6	92.3	103.0	103.0	103.3
2008	39	98.6	91.9	102.7	102.8	103.4
2009	39	98.7	94.5	102.3	102.3	103.1
2010	22	99.4	95.7	102.3	102.2	103.0
2011	47	98.8	94.6	102.4	102.0	103.0
2012	46	99.6	94.7	103.0	102.5	103.3
2013	46	98.5	94.8	103.2	102.5	103.2
2014	49	98.7	94.6	102.8	102.0	103.0
2015	29	99.1	95.2	103.0	102.3	103.3
2016	34	99.1	95.3	102.7	102.0	103.1

Tabel: 331 Montbéliard: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1981	18	-126.5	-398.3	0.0	104.3	105.2	87.2	99.3	100.4
1983	11	-114.7	-397.4	0.0	105.1	105.5	86.7	99.2	100.2
1984	15	-114.0	-385.5	-83.5	104.2	105.9	86.4	99.4	100.6
1985	31	-124.5	-442.8	-30.3	103.6	105.4	88.0	99.6	101.0
1986	26	-116.3	-430.4	-129.6	103.9	105.4	88.5	100.4	100.8
1987	41	-117.2	-449.3	-89.0	103.8	105.6	88.3	100.0	101.1
1988	38	-118.9	-435.2	-140.3	103.5	105.1	88.9	100.1	100.8
1989	79	-144.8	-432.1	-249.9	103.4	106.8	87.5	99.5	101.6
1990	87	-147.6	-431.5	-246.3	103.3	106.1	87.4	100.3	101.6
1991	55	-134.7	-421.9	-131.3	103.3	105.8	87.4	99.7	101.2
1992	91	-132.2	-410.6	-180.6	103.6	105.6	86.0	99.7	101.2
1993	96	-117.9	-368.9	-156.5	102.6	106.2	86.6	100.7	101.0
1994	159	-123.5	-382.5	-130.0	102.5	106.0	87.5	100.6	100.8
1995	107	-126.5	-369.5	-229.5	102.6	105.8	87.0	100.7	100.9
1996	176	-115.1	-367.4	-151.4	102.9	105.8	86.5	100.4	101.7
1997	144	-110.5	-337.0	-181.5	102.6	105.9	86.9	100.8	102.0
1998	185	-109.5	-330.7	-174.9	103.0	105.7	87.7	100.5	102.0
1999	211	-120.0	-344.1	-206.4	102.9	105.7	86.6	100.6	101.5
2000	210	-121.9	-336.1	-216.4	102.7	105.6	87.2	100.5	101.4
2001	232	-104.1	-313.4	-177.5	102.9	105.6	87.1	100.4	101.3
2002	176	-87.7	-263.2	-146.4	102.7	105.8	87.2	101.2	101.5
2003	228	-77.3	-238.0	-120.6	103.2	105.4	87.3	101.3	100.9
2004	256	-70.2	-225.5	-112.5	103.2	105.5	87.3	101.0	101.0
2005	344	-63.1	-213.6	-112.8	103.1	105.7	87.5	101.8	101.8
2006	352	-56.3	-201.8	-101.3	103.3	105.7	87.5	101.3	101.8
2007	402	-44.2	-180.9	-91.5	103.6	105.8	87.9	101.6	102.2
2008	402	-37.2	-161.4	-67.8	103.5	106.0	87.7	101.2	101.9
2009	462	-31.6	-149.0	-60.4	103.1	106.1	88.6	101.8	101.9
2010	445	-15.5	-107.0	-31.3	103.0	105.9	87.5	101.5	101.5
2011	509	-11.0	-95.2	-25.9	102.8	105.8	89.3	101.5	101.6
2012	519	9.7	-69.7	22.7	103.3	106.1	89.7	102.7	101.6
2013	559	17.0	-57.1	37.2	103.2	106.0	91.2	102.6	101.6
2014	526	25.2	-36.1	51.2	102.9	106.0	91.5	102.5	101.5
2015	430	39.1	-17.5	89.4	103.2	105.8	91.2	103.6	101.8
2016	349	44.5	0.5	91.1	103.0	105.6	91.0	103.8	101.6
2017	125	49.7	23.8	91.7	102.4	105.5	90.5	105.0	101.1

Tabel: 332 Montbéliard: Klauwgezondheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1994	10	100.4	93.9	105.8	103.5	98.0	101.0	93.1
2001	32	99.9	95.0	104.3	102.2	98.1	100.7	93.5
2002	15	100.3	94.9	105.1	102.8	98.5	101.2	93.7
2003	17	99.6	94.5	104.4	102.3	98.1	100.8	92.8
2004	27	100.4	94.9	104.9	103.1	98.1	101.4	93.0
2005	56	101.3	95.4	105.9	103.8	98.7	100.9	92.7
2006	41	101.0	95.6	105.6	103.1	99.0	101.2	93.2
2007	56	101.1	95.6	105.0	103.2	99.2	101.7	93.7
2008	58	101.1	95.6	105.3	103.2	99.1	101.4	93.5
2009	49	101.2	96.2	105.0	103.1	99.6	101.2	94.1
2010	40	100.4	95.1	105.1	102.5	98.6	100.8	93.8
2011	75	100.6	95.9	104.7	102.4	99.1	101.3	93.8
2012	73	100.6	96.1	104.6	102.2	99.2	101.4	94.0
2013	65	101.3	97.0	104.7	102.7	99.5	101.7	94.0
2014	51	101.2	96.4	105.0	102.7	99.3	101.9	94.1
2015	32	101.0	96.3	105.0	102.4	99.4	101.8	93.9
2016	40	101.0	96.6	105.1	102.0	99.8	101.8	94.0

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	12	97.0	102.8	97.0	102.8	98.2	102.7
1984	10	96.4	103.5	96.4	103.5	98.0	103.2
1985	18	95.9	103.9	95.9	103.9	97.3	103.5
1986	19	96.2	103.6	96.2	103.6	97.6	103.2
1987	25	95.6	104.3	95.6	104.3	96.9	104.0
1988	18	95.8	103.6	95.8	103.6	97.2	103.6
1989	51	96.6	104.1	96.6	104.1	97.9	104.1
1990	56	96.7	104.0	96.7	104.0	97.8	103.8
1991	31	96.4	103.9	96.4	103.9	97.6	103.7
1992	56	96.1	103.7	96.1	103.7	97.3	103.5
1993	86	96.1	103.5	96.1	103.5	96.5	104.2
1994	129	96.0	103.4	96.0	103.4	96.7	104.0
1995	84	96.2	103.3	96.2	103.3	97.0	104.1
1996	119	96.9	103.6	96.9	103.6	97.9	104.0
1997	133	96.9	104.1	96.9	104.1	98.1	104.7
1998	143	96.7	104.4	96.7	104.4	98.0	104.7
1999	168	96.2	104.2	96.2	104.2	97.6	104.1
2000	177	96.2	104.2	96.2	104.2	97.3	104.3
2001	207	96.2	104.0	96.2	104.0	97.1	103.9
2002	208	96.3	104.2	96.3	104.2	97.0	104.0
2003	273	95.8	103.7	95.8	103.7	96.6	103.7
2004	318	95.7	103.8	95.7	103.8	96.7	103.7
2005	409	96.2	104.4	96.2	104.4	97.2	104.2
2006	467	96.2	104.4	96.2	104.4	97.3	104.1
2007	538	96.2	104.9	96.2	104.9	97.2	104.6
2008	585	96.1	104.7	96.1	104.7	96.9	104.6
2009	720	95.9	104.5	95.9	104.5	96.8	104.3
2010	687	95.6	104.6	95.6	104.6	96.7	104.5
2011	726	95.8	104.6	95.8	104.6	96.9	104.8

2012	762	95.8	104.7	95.8	104.7	97.1	105.1
2013	824	95.8	104.6	95.8	104.6	97.1	105.3
2014	807	95.8	104.5	95.8	104.5	97.2	105.1
2015	718	96.1	104.7	96.1	104.7	97.3	105.2
2016	619	96.2	104.4	96.2	104.4	97.3	104.9
2017	503	95.8	104.0	95.8	104.0	96.9	104.9
2018	461	96.0	103.0	96.0	103.0	97.1	103.9
2019	258	96.1	103.5	96.1	103.5	97.2	104.2

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1985	15	92.0	109.9	110.6	79.9	67.7	69.1
1986	16	92.4	110.0	110.2	61.2	52.9	52.9
1987	22	92.3	109.8	110.6	84.5	72.2	72.4
1988	16	91.5	110.2	111.0	67.7	58.4	59.2
1989	42	90.3	109.9	112.1	92.9	77.1	79.0
1990	40	91.1	110.3	111.4	100.2	84.0	86.7
1991	24	90.5	110.2	112.0	90.4	75.5	77.1
1992	30	92.0	110.0	110.9	90.8	77.2	78.5
1993	53	90.3	109.9	112.7	96.5	79.7	78.8
1994	71	90.9	109.9	112.0	95.2	79.4	78.7
1995	36	90.3	109.9	112.5	86.0	71.4	71.2
1996	48	91.2	109.3	111.7	92.1	75.0	76.2
1997	65	90.8	110.0	112.0	102.4	83.2	84.3
1998	72	91.0	110.3	111.6	99.5	81.7	83.6
1999	64	90.6	110.2	112.0	84.1	70.1	71.5
2000	73	91.1	110.7	111.6	65.7	55.5	56.9
2001	53	91.5	110.0	111.1	90.0	76.6	77.9
2002	68	92.2	110.1	110.5	91.1	78.3	79.5
2003	109	91.9	109.3	110.8	98.9	84.2	85.4
2004	133	92.1	110.0	110.5	99.8	85.0	86.7
2005	193	92.5	109.8	110.2	107.2	90.4	92.1
2006	196	92.5	110.0	110.2	105.7	89.3	91.1
2007	264	91.9	109.5	110.8	109.7	91.8	93.5
2008	311	91.9	109.2	110.6	108.6	92.0	93.7
2009	382	91.6	109.2	110.8	108.0	91.6	93.4
2010	344	91.4	109.4	111.1	108.0	90.7	92.9
2011	366	92.1	109.3	110.4	108.3	91.2	93.0
2012	428	91.8	109.1	110.5	108.6	92.1	93.3
2013	364	92.2	109.3	110.0	108.3	91.9	93.1
2014	456	92.3	108.8	109.8	108.6	92.2	93.5
2015	364	92.1	109.1	110.1	108.7	92.5	93.8
2016	278	92.7	108.1	109.3	107.4	92.1	93.6
2017	205	92.9	108.3	109.1	107.3	91.5	93.5
2018	194	92.8	108.0	109.1	102.6	87.1	89.1
2019	108	93.3	107.1	108.7	101.2	87.0	88.7

Tabel: 335 Montbéliard: Vleeskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1981	16	104.9	120.6	99.2	103.4	115.0	104.1	101.2	96.4	117.2	102.8	106.4
1984	13	105.7	120.3	99.1	104.2	114.6	103.2	102.6	96.0	116.4	103.0	107.0
1985	22	105.5	121.6	99.2	104.5	115.4	103.6	102.0	96.4	117.5	103.2	106.5

1986	24	104.9	121.4	99.0	104.4	114.8	103.5	101.7	96.0	117.2	103.3	106.3
1987	27	105.4	120.9	99.8	105.1	113.9	104.1	101.9	97.4	116.1	104.2	106.7
1988	20	105.5	119.8	100.3	104.2	114.3	103.5	102.5	96.8	115.9	104.2	106.3
1989	69	105.6	121.2	99.7	103.8	115.8	103.7	102.4	95.2	118.0	103.1	107.4
1990	66	105.5	121.5	99.8	104.0	115.6	104.1	102.1	95.6	118.2	103.0	107.7
1991	42	105.8	121.7	99.5	104.8	115.5	103.7	102.5	96.3	117.8	103.3	107.5
1992	72	104.9	120.7	100.2	104.1	114.3	104.4	101.2	96.7	116.8	103.6	106.8
1993	84	104.2	121.5	99.7	105.0	114.0	105.0	100.7	95.8	117.6	103.6	107.6
1994	145	104.6	121.3	99.3	105.1	114.2	104.6	101.2	95.8	117.4	103.3	107.6
1995	91	104.1	121.0	99.8	105.0	113.4	105.0	100.7	95.8	116.8	103.6	107.4
1996	132	104.7	121.0	99.1	105.1	113.7	104.3	101.4	96.0	116.7	103.3	107.2
1997	129	104.6	121.4	99.2	105.4	113.6	104.8	101.2	96.3	117.0	103.2	107.9
1998	154	105.2	121.0	99.5	104.5	114.8	104.0	101.9	96.0	117.4	103.0	107.6
1999	182	105.6	121.2	99.2	105.0	114.9	104.1	102.2	96.4	117.3	103.2	107.8
2000	182	105.6	121.5	99.3	104.9	115.1	104.3	101.8	96.6	117.8	103.2	108.0
2001	214	105.6	121.6	99.2	105.3	114.8	104.4	101.7	97.0	117.7	103.4	107.9
2002	173	104.8	121.1	99.1	104.9	114.1	104.6	101.0	96.6	117.6	102.8	107.9
2003	242	105.0	120.8	99.7	105.2	114.4	104.4	101.6	96.1	117.2	103.0	108.0
2004	277	105.4	120.9	99.6	105.3	114.4	104.2	101.9	96.7	117.2	103.1	108.0
2005	356	105.8	121.1	99.1	105.5	114.4	103.9	102.0	97.3	117.2	102.9	108.3
2006	357	105.8	120.7	99.6	105.4	114.3	104.0	102.0	97.6	116.9	103.0	108.2
2007	396	105.3	120.3	99.7	105.4	113.5	104.3	101.5	97.8	116.4	103.1	108.0
2008	395	105.5	120.4	99.6	105.9	113.7	104.1	102.2	97.0	116.3	103.3	108.0
2009	415	105.9	120.3	99.4	106.2	113.5	104.0	102.7	96.9	116.0	103.3	108.3
2010	330	106.0	119.1	99.9	105.8	113.1	103.8	103.1	97.3	115.2	103.2	108.1
2011	260	106.2	118.7	100.0	105.6	113.0	103.7	103.3	97.6	114.9	103.4	108.1
2012	134	106.4	118.7	100.1	105.8	113.0	103.7	103.4	97.7	115.0	103.5	108.0
2013	88	105.2	117.8	99.9	105.2	111.8	104.2	102.2	97.6	114.1	103.6	107.3
2014	83	104.3	116.1	100.6	104.7	110.3	104.7	101.6	97.7	112.7	104.0	106.4
2015	37	105.4	117.0	100.6	105.5	111.2	104.1	102.7	98.0	113.4	103.7	107.6
2016	54	105.6	116.7	100.7	105.5	111.3	104.1	103.0	97.8	113.5	104.1	107.5
2017	10	106.2	115.1	100.9	104.7	111.0	103.9	103.7	98.3	112.2	103.9	106.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	12	93.7	99.2	82.4
1984	11	94.4	99.5	85.2
1985	18	94.4	99.7	84.1
1986	19	93.6	98.9	85.2
1987	24	93.2	98.7	85.2
1988	18	93.2	98.2	86.0
1989	54	94.7	100.4	84.9
1990	59	94.7	100.4	84.6
1991	29	94.7	100.1	84.8
1992	55	93.7	99.5	83.9
1993	91	93.4	99.7	84.6
1994	135	93.2	99.3	84.7
1995	96	93.4	99.1	84.6
1996	126	93.7	99.3	84.8
1997	149	93.9	99.4	84.4
1998	160	94.3	99.9	84.1
1999	182	93.7	99.4	84.2
2000	188	93.7	99.4	84.1
2001	219	93.6	99.1	85.4
2002	227	93.5	99.1	85.7
2003	299	93.6	99.1	86.3
2004	341	93.5	98.9	86.6
2005	436	93.0	98.6	86.1

2006	510	93.5	98.9	86.5
2007	571	93.2	98.8	86.2
2008	644	92.9	98.7	85.7
2009	783	92.9	98.8	85.9
2010	738	93.6	99.2	86.3
2011	782	93.9	99.4	86.4
2012	804	94.3	99.8	86.2
2013	890	94.4	99.9	85.8
2014	878	95.2	100.6	86.1
2015	781	94.9	100.4	85.7
2016	678	95.1	100.6	85.9
2017	549	95.5	100.9	86.0
2018	520	95.8	101.2	86.1
2019	283	95.7	101.2	85.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	226	-2209.5	-8713.3	-384.5	-312.6
2002	174	-1878.8	-7434.2	-327.6	-265.3
2003	227	-1657.7	-6412.1	-292.4	-232.9
2004	257	-1581.2	-6053.5	-279.6	-222.1
2005	344	-1530.6	-5874.3	-272.7	-213.9
2006	354	-1413.3	-5392.9	-249.4	-198.9
2007	406	-1282.8	-4849.2	-228.1	-179.8
2008	410	-1080.9	-3974.3	-196.3	-149.8
2009	468	-979.9	-3599.2	-178.2	-135.6
2010	455	-649.8	-2269.6	-121.6	-88.6
2011	527	-580.3	-2025.7	-108.1	-79.4
2012	542	-179.3	-421.0	-41.3	-21.1
2013	589	-40.2	78.7	-14.3	-2.7
2014	532	130.5	839.1	15.5	21.2
2015	435	451.8	2225.8	70.0	67.0
2016	351	528.8	2307.9	81.8	79.5
2017	117	619.6	2737.7	94.8	93.5

Tabel: 338 Montbéliard: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1987	14	96.3	104.4	98.2
1989	25	98.0	104.8	98.6
1990	25	97.7	104.6	98.2
1991	16	97.6	104.4	98.5
1992	20	97.8	105.0	98.1
1993	29	96.8	104.7	98.1
1994	32	97.2	104.5	98.2
1995	20	96.8	104.8	98.0
1996	19	97.6	104.8	98.1
1997	39	97.0	104.6	97.9
1998	38	97.1	104.3	97.7
1999	22	98.5	105.1	97.3
2000	25	98.7	104.6	97.6
2001	23	97.5	103.7	98.7
2002	28	97.0	104.4	98.4

2003	41	97.8	104.3	98.1
2004	42	97.4	104.2	98.2
2005	56	96.9	103.5	98.2
2006	58	96.8	104.1	98.2
2007	87	96.5	104.0	98.3
2008	110	96.3	104.4	97.7
2009	142	96.7	104.0	98.1
2010	145	97.0	104.3	98.1
2011	186	97.4	105.4	98.1
2012	166	97.4	106.1	97.9
2013	201	97.0	107.1	97.4
2014	164	97.1	107.3	97.9
2015	154	96.9	108.3	97.3
2016	110	98.1	108.6	97.1
2017	36	98.8	108.8	96.9

Tabel: 339 Montbéliard: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	12	100.6	97.3	0	0.0	0	0.0
1981	28	101.2	97.0	0	0.0	0	0.0
1982	17	102.2	97.4	0	0.0	0	0.0
1983	15	102.2	97.6	0	0.0	0	0.0
1984	23	100.3	97.7	0	0.0	0	0.0
1985	40	101.0	98.8	43	-4.1	0	0.0
1986	37	101.4	99.4	38	-4.1	0	0.0
1987	70	100.4	99.3	72	-4.4	0	0.0
1988	54	101.1	99.4	55	-4.2	0	0.0
1989	80	99.7	98.8	80	-3.2	0	0.0
1990	88	99.9	98.5	88	-3.2	0	0.0
1991	58	100.4	98.3	58	-3.5	0	0.0
1992	94	101.5	99.0	94	-3.5	0	0.0
1993	99	101.4	98.7	99	-2.7	0	0.0
1994	163	101.2	99.2	163	-2.9	0	0.0
1995	111	101.4	99.7	111	-2.6	0	0.0
1996	182	102.1	101.1	182	-3.0	0	0.0
1997	147	101.6	100.0	147	-2.2	0	0.0
1998	187	101.4	100.0	187	-2.1	0	0.0
1999	215	101.0	99.5	215	-2.2	0	0.0
2000	210	100.6	99.1	210	-2.0	0	0.0
2001	235	100.7	98.6	235	-1.9	30	105.3
2002	177	100.9	98.0	177	-1.2	35	105.1
2003	229	101.5	98.1	229	-1.0	35	105.9
2004	256	101.3	97.7	256	-0.9	33	105.0
2005	344	101.4	97.8	344	-0.6	60	105.6
2006	352	101.9	97.5	352	-0.4	34	106.0
2007	402	101.6	97.7	402	-0.2	43	106.5
2008	402	101.3	96.9	402	-0.0	46	106.5
2009	462	101.1	97.0	462	0.1	41	106.7
2010	445	101.3	97.2	446	0.4	33	107.6
2011	509	101.5	97.5	509	0.5	54	106.7
2012	519	102.2	98.1	519	0.7	55	106.2
2013	559	102.1	98.0	559	0.8	58	105.8
2014	526	102.0	97.5	527	0.9	66	106.0
2015	430	102.7	97.5	430	1.2	37	106.8
2016	349	102.6	96.7	349	1.2	52	106.2
2017	125	102.5	96.1	125	1.4	10	105.2

Tabel: 340 Piemonte: Vruchtbaarheidsskenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	20	96.0	101.2	93.6	96.2	91.7	89.1	75.9	94.8
1986	18	96.6	100.9	93.9	96.3	92.1	89.2	74.5	94.9
1987	28	96.8	101.2	94.4	96.8	92.2	89.5	78.3	95.4
1988	31	97.1	101.5	95.1	97.2	92.3	90.1	82.2	95.9
1989	63	95.3	101.3	93.1	96.2	90.5	88.4	80.6	94.4
1990	96	96.2	101.2	94.3	96.6	91.6	90.0	79.8	95.2
1991	181	96.5	101.3	94.3	96.8	91.9	90.0	78.9	95.3
1992	311	96.6	101.3	94.5	96.9	92.0	90.0	79.0	95.4
1993	396	96.9	101.8	95.0	97.3	92.4	89.7	78.0	95.9
1994	366	97.0	101.5	95.1	97.2	92.7	89.9	77.5	95.9
1995	367	97.0	101.7	95.3	97.4	92.8	90.0	77.9	96.1
1996	401	97.1	101.6	95.3	97.3	92.8	89.9	77.8	96.1
1997	394	97.0	101.7	95.2	97.3	92.8	89.9	77.7	96.1
1998	389	97.2	101.7	95.5	97.6	93.2	90.6	77.5	96.3
1999	398	97.1	101.7	95.5	97.6	93.2	91.0	78.0	96.3
2000	394	97.0	101.7	95.4	97.5	93.2	91.0	77.9	96.2
2001	370	97.2	101.7	95.5	97.6	93.3	90.9	77.9	96.3
2002	358	97.1	102.1	95.8	98.0	93.5	91.0	78.5	96.6
2003	321	97.0	101.7	95.4	97.6	93.3	90.9	78.6	96.3
2004	369	96.9	101.8	95.4	97.7	93.2	90.8	78.6	96.3
2005	354	96.5	101.8	95.1	97.5	92.9	90.9	79.3	96.0
2006	320	96.8	101.8	95.2	97.6	93.1	91.1	79.1	96.2
2007	341	96.8	102.1	95.5	98.0	93.4	91.2	79.0	96.5
2008	288	97.0	101.9	95.7	98.0	93.6	91.3	79.1	96.6
2009	314	96.9	101.8	95.5	97.8	93.3	91.2	79.4	96.4
2010	292	96.6	102.0	95.4	97.8	93.1	91.0	80.4	96.4
2011	265	96.8	101.9	95.5	97.9	93.3	91.1	79.6	96.5
2012	222	96.8	101.9	95.5	97.8	93.3	91.0	79.4	96.4
2013	254	96.7	101.9	95.4	97.9	93.2	91.0	80.0	96.4
2014	279	96.6	102.0	95.4	97.8	93.2	90.9	79.7	96.4
2015	182	96.6	102.1	95.4	97.9	93.1	90.7	80.0	96.4
2016	100	96.6	101.9	95.2	97.7	92.9	90.6	79.5	96.2
2017	33	96.7	102.2	95.3	97.8	93.0	90.6	79.2	96.3

Tabel: 341 Piemonte: Geboortekenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	13	71.2	115.3	123.5	41.4	34.7	33.7
1990	21	70.7	116.1	123.8	42.1	34.1	32.5
1991	41	71.7	115.9	123.0	48.3	39.9	38.5
1992	40	71.6	117.2	123.4	52.6	42.6	41.8
1993	37	73.0	116.8	121.9	67.6	56.1	55.4
1994	53	71.4	117.3	123.7	69.9	58.4	57.6
1995	66	72.9	116.3	122.2	74.4	62.4	61.6
1996	75	73.2	117.2	122.0	72.8	60.8	60.3
1997	80	73.3	116.6	121.7	57.1	48.3	47.4
1998	92	72.6	118.1	122.5	73.4	61.5	61.0
1999	109	73.5	117.4	121.8	72.4	60.5	59.9
2000	119	74.3	116.4	120.9	74.1	62.4	61.9
2001	134	74.3	117.2	121.0	93.2	78.9	78.0
2002	138	74.1	116.9	121.0	87.5	73.5	72.8
2003	118	74.5	116.9	120.7	86.9	74.7	73.7

2004	162	74.1	117.3	121.2	91.6	78.1	77.5
2005	205	74.7	117.6	120.7	97.5	82.8	81.9
2006	169	74.8	117.9	120.6	100.0	85.7	84.6
2007	312	76.0	117.9	119.6	97.1	82.3	81.5
2008	316	75.9	118.2	119.5	94.0	78.8	77.7
2009	286	75.5	118.2	120.1	103.0	85.9	84.4
2010	281	75.8	117.4	119.8	100.3	83.8	81.8
2011	261	76.8	117.8	118.8	100.1	83.0	80.9
2012	223	76.5	117.3	119.0	95.2	78.6	76.6
2013	213	76.4	117.4	119.0	95.6	79.6	77.6
2014	234	75.9	117.4	119.5	94.9	78.1	76.3
2015	205	76.1	115.8	119.1	67.2	55.5	54.1
2016	189	77.5	115.9	117.7	62.8	52.4	51.0
2017	161	76.4	115.3	118.8	36.6	30.4	29.6
2018	135	78.0	115.2	117.1	27.9	23.4	22.9
2019	97	77.3	114.3	117.7	23.9	20.1	19.7

Tabel: 342 Piemontese: Vleeskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1988	12	111.4	145.8	102.8	116.6	124.7	114.6	103.5	98.8	129.8	118.4	112.5
1989	22	111.0	147.0	104.4	116.7	125.5	115.3	102.8	98.5	131.8	120.3	112.8
1990	40	109.7	146.4	103.0	116.4	124.4	114.0	102.2	96.8	130.8	118.8	111.6
1991	82	110.1	146.5	103.6	116.5	124.7	114.3	102.3	97.5	131.3	119.2	112.0
1992	138	110.7	147.3	103.4	116.9	125.6	113.5	103.1	97.0	131.4	118.7	112.3
1993	170	110.0	146.5	103.7	115.7	125.2	113.5	102.6	96.8	130.8	118.4	111.2
1994	170	109.8	146.2	103.6	115.6	124.8	113.5	102.4	96.6	130.8	118.2	111.5
1995	179	110.0	146.9	103.9	116.0	125.0	113.8	102.4	96.8	131.3	118.5	111.8
1996	176	110.0	147.0	103.9	116.0	125.1	113.9	102.3	96.9	131.3	118.6	111.6
1997	185	109.9	147.1	104.1	116.1	125.1	114.0	102.2	96.9	131.4	118.9	111.6
1998	152	110.6	148.0	104.1	116.7	126.2	113.8	102.7	96.9	131.9	118.7	112.6
1999	191	110.7	148.3	104.1	117.0	126.4	114.1	102.8	97.0	132.2	118.9	113.1
2000	187	110.2	148.0	104.2	116.9	125.9	114.4	102.1	97.1	132.3	119.1	112.8
2001	186	110.5	148.7	104.3	117.5	126.3	115.3	102.0	97.4	133.0	119.7	113.6
2002	177	111.0	148.7	104.3	117.6	126.9	115.6	102.3	97.6	133.5	119.7	114.1
2003	157	111.0	148.8	104.4	117.9	126.8	115.5	102.4	97.5	133.6	119.9	114.4
2004	169	111.1	148.7	104.5	118.1	126.6	115.9	102.4	97.9	133.7	120.3	114.6
2005	162	111.4	149.6	105.0	118.8	126.8	116.1	102.5	97.8	134.5	120.5	115.5
2006	134	111.6	149.8	105.1	118.3	127.5	116.1	102.6	97.8	135.1	120.4	115.7
2007	124	111.3	150.1	104.6	118.8	127.2	116.1	102.3	97.5	135.0	120.1	115.7
2008	78	111.0	148.5	104.2	118.4	126.1	116.0	102.3	97.7	134.3	119.7	115.7
2009	66	111.4	149.1	104.2	119.4	126.4	116.3	102.6	97.7	134.4	120.1	116.4
2010	26	111.3	149.3	103.4	120.7	125.5	116.8	102.9	97.6	134.7	119.7	118.0

Tabel: 343 Blonde d'Aquitaine: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	42	98.9	97.4	93.9	94.2	93.3	84.7	55.4	93.8
1981	15	97.8	97.3	92.9	93.7	92.3	83.7	55.7	93.0
1982	22	99.0	97.2	94.0	94.3	93.7	84.8	54.9	93.9
1983	15	97.9	97.1	92.9	93.6	92.4	84.2	56.5	93.0
1984	29	98.4	97.3	93.3	94.1	92.9	84.1	55.5	93.5
1985	67	98.5	97.4	93.4	94.2	92.9	84.6	56.3	93.5
1986	85	98.1	98.3	94.0	94.9	93.2	84.8	57.0	94.2

1987	140	98.4	97.3	93.3	94.0	92.9	84.9	56.8	93.4
1988	214	97.9	97.5	93.2	94.0	92.5	85.3	58.9	93.4
1989	411	98.4	97.4	93.5	94.1	92.8	85.4	59.2	93.5
1990	568	98.1	97.6	93.5	94.3	92.6	85.2	62.2	93.6
1991	807	98.5	97.2	93.5	94.2	92.9	85.1	61.0	93.6
1992	1180	98.3	97.3	93.3	94.1	92.7	84.9	61.1	93.5
1993	1167	98.0	97.6	93.4	94.5	92.7	84.8	61.4	93.7
1994	984	98.1	97.5	93.4	94.3	92.6	84.7	61.4	93.6
1995	1120	98.1	97.5	93.5	94.4	92.7	84.7	61.4	93.7
1996	1062	98.0	97.6	93.5	94.4	92.7	84.4	60.4	93.7
1997	1102	98.1	97.5	93.5	94.4	92.7	84.3	60.1	93.7
1998	1002	97.9	97.7	93.5	94.5	92.6	84.4	60.4	93.7
1999	950	98.2	97.5	93.6	94.4	92.8	84.5	59.9	93.7
2000	992	98.1	97.8	93.8	94.7	92.9	84.6	60.2	93.9
2001	940	97.9	97.9	93.6	94.7	92.8	84.5	60.1	93.9
2002	877	98.0	98.0	93.7	94.8	92.9	84.5	60.1	94.0
2003	922	98.1	97.8	93.5	94.6	92.9	84.5	59.7	93.8
2004	959	98.0	97.6	93.3	94.4	92.7	84.5	59.9	93.6
2005	995	97.7	97.7	93.2	94.4	92.5	84.3	59.8	93.5
2006	1030	97.8	97.7	93.2	94.4	92.6	84.5	59.9	93.6
2007	985	97.8	97.6	93.1	94.4	92.5	84.5	59.9	93.5
2008	1046	97.8	97.6	93.2	94.4	92.6	84.7	60.3	93.5
2009	986	97.8	97.5	93.1	94.4	92.6	84.6	60.3	93.5
2010	944	97.8	97.5	93.1	94.3	92.6	84.7	60.4	93.4
2011	904	98.0	97.4	93.2	94.4	92.8	85.0	60.6	93.5
2012	823	98.0	97.4	93.2	94.3	92.8	84.9	60.6	93.5
2013	803	98.1	97.4	93.3	94.4	92.8	84.9	60.5	93.5
2014	664	98.1	97.4	93.2	94.4	92.8	85.0	60.9	93.5
2015	422	98.1	97.3	93.3	94.4	92.9	85.0	60.9	93.6
2016	133	98.2	97.0	93.1	94.0	92.7	84.8	60.5	93.3
2017	65	98.2	97.2	93.3	94.3	92.9	85.1	60.7	93.5

Tabel: 344 Blonde d'Aquitaine: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12	69.2	123.8	133.4	10.7	7.0	6.6
1985	11	67.9	124.7	134.5	11.7	7.5	6.9
1987	22	67.1	125.2	135.5	5.9	3.9	3.7
1988	28	66.8	124.5	135.6	4.5	3.0	2.9
1989	45	66.4	125.1	136.1	8.5	5.6	5.2
1990	47	66.3	124.4	136.3	16.6	10.8	10.2
1991	62	66.1	124.8	136.5	12.6	8.1	7.6
1992	99	66.9	125.1	135.6	23.6	15.2	14.0
1993	116	67.5	125.1	135.0	26.9	17.4	16.1
1994	92	67.4	125.0	135.2	37.9	24.6	22.8
1995	90	68.2	124.3	134.4	31.7	20.4	19.0
1996	84	68.5	124.7	134.1	35.7	23.0	21.0
1997	113	69.2	124.4	133.4	31.0	20.0	18.8
1998	124	68.8	124.4	133.7	52.2	34.0	31.9
1999	131	68.7	124.7	133.9	46.2	30.4	28.2
2000	135	68.9	124.4	133.7	59.4	38.8	36.2
2001	167	69.8	124.6	132.8	70.9	46.6	43.5
2002	147	70.4	123.9	132.2	75.5	49.5	45.8
2003	179	69.9	124.5	132.6	69.7	45.9	42.6
2004	230	69.8	124.7	132.8	86.6	56.8	52.8
2005	294	69.7	125.0	132.8	98.8	64.9	61.3
2006	252	69.9	124.9	132.7	86.0	56.6	53.5
2007	423	71.3	125.4	131.2	93.8	61.7	57.9
2008	481	71.8	125.5	130.7	102.6	68.1	63.7

2009	412	71.6	125.3	130.8	93.1	61.7	58.0
2010	407	71.2	124.9	131.2	100.6	66.5	62.1
2011	407	70.8	124.6	131.7	100.3	65.5	61.0
2012	392	70.4	124.4	132.1	95.6	62.3	58.0
2013	359	69.9	124.4	132.6	93.3	60.9	56.7
2014	395	70.1	123.7	132.4	95.7	63.4	59.0
2015	318	69.8	123.3	132.7	95.8	63.2	58.7
2016	314	69.0	123.6	133.6	69.6	46.0	42.6
2017	266	69.7	123.6	132.9	55.1	36.6	33.8
2018	234	70.4	123.3	132.1	47.4	31.8	29.4
2019	175	69.4	123.2	133.2	32.2	21.6	19.9

Tabel: 345 Blonde d'Aquitaine: Vleeskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	11	117.7	149.5	106.5	130.5	131.0	115.9	107.5	102.8	132.6	119.2	121.5
1985	12	116.6	149.0	106.2	132.1	130.1	118.5	106.5	101.8	131.6	120.0	124.2
1986	15	115.3	148.1	104.9	131.1	130.6	118.4	105.1	100.5	131.8	117.9	123.9
1987	30	116.6	149.0	106.0	132.6	130.1	118.7	106.5	101.6	131.6	119.7	124.9
1988	41	116.7	148.6	106.3	132.2	129.2	118.0	106.7	102.1	131.0	119.7	124.0
1989	86	116.5	149.5	106.3	132.3	129.9	118.3	106.4	101.9	131.9	119.9	123.8
1990	98	116.2	149.3	106.3	131.9	129.3	118.0	106.2	101.9	131.7	119.8	123.4
1991	230	115.6	148.9	106.2	131.4	129.0	117.5	106.0	101.3	131.0	119.5	122.4
1992	341	115.8	149.3	106.6	131.6	129.5	117.8	106.0	101.4	131.6	120.0	122.6
1993	352	116.2	149.5	106.6	132.1	129.3	117.6	106.5	101.6	131.4	120.0	122.9
1994	246	116.6	149.1	106.7	132.3	128.8	117.5	107.0	102.1	130.9	120.1	123.0
1995	230	116.7	149.9	106.4	132.6	129.3	117.4	106.9	102.0	131.5	119.7	123.0
1996	227	116.1	148.9	106.5	131.3	128.9	117.0	106.4	102.1	130.9	119.5	121.6
1997	256	116.7	149.8	106.6	131.9	129.8	116.9	106.8	102.4	131.6	119.3	122.2
1998	242	117.0	150.1	107.0	132.2	130.0	117.1	106.9	102.6	131.9	119.8	122.2
1999	256	117.5	150.4	106.7	132.7	130.1	117.0	107.4	102.9	131.9	119.7	122.8
2000	273	116.9	149.8	106.1	132.3	129.8	117.1	106.9	102.6	131.6	119.4	122.5
2001	263	116.8	149.9	106.1	132.2	130.0	117.0	106.8	102.4	131.6	119.2	122.5
2002	216	116.9	149.5	106.5	131.7	130.1	117.2	106.8	102.5	131.7	119.5	122.4
2003	210	117.4	149.3	106.9	131.4	130.0	116.5	107.2	103.1	131.4	119.3	122.2
2004	243	117.5	148.7	106.9	131.0	130.1	116.4	107.4	102.9	131.2	118.8	122.8
2005	230	117.0	148.1	107.3	131.0	129.3	116.8	107.1	102.6	130.9	119.1	122.8
2006	171	117.1	147.6	107.6	130.1	129.7	116.5	107.2	102.6	130.9	118.9	122.5
2007	171	116.9	147.6	107.3	130.4	129.4	116.4	107.4	102.1	130.9	119.0	122.8
2008	126	116.9	147.7	107.2	130.0	129.8	116.1	107.3	102.0	131.0	118.9	122.2
2009	97	117.0	147.3	107.3	130.1	129.2	115.9	107.5	102.3	130.7	118.8	122.4
2010	36	116.8	147.7	107.0	130.1	129.3	116.0	107.2	102.0	131.3	119.0	122.4
2011	21	118.0	149.1	107.1	133.0	129.3	116.7	108.4	102.2	132.2	118.8	125.8

Tabel: 346 Normande: Melkproductiekenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1995	14	-1931.4	-76.8	-65.4	-88.1	15.9	6.5	-0.4	-456.0

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

Tabel: 347 Normande: Vruchtbaarheidskenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1995	14	104.3	106.6	106.4	106.9	103.8	101.4	84.9	106.9

Tabel: 348 Normande: NVI met onderliggende kenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1995	14	-124.1	-456.0	0.0	99.4	106.9	87.0	91.0	100.0

Tabel: 349 Normande: Overige productie en efficiency kenm.

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1995	14	103.7	93.1	14	-4.9	0	0.0