

## Genetische trends van koeien in Vlaanderen

Datum: 04-04-2024

Algemene toelichting op de genetische trends van koeien:

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

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

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

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

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

Toelichting op gebruikte afkortingen:

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

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

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

Rassen met meer dan 10 waarnemingen per jaar - Vlaanderen

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Zwartbont Holstein  
Red-Holstein  
Holstein - Fries Hollands zwartbont  
Fries Hollands - zwartbont  
Maas Rijn IJssel  
MRIJ - Holstein Friesian roodbont  
Jersey  
Lakenvelder - zwartbont  
Verbeterd Roodbont  
Witblauw Mixte  
Rood Dubbeldoel  
Rood Vlees  
Witrood  
Witblauw  
Brand rood  
Fleck Vieh  
Brown Swiss  
Montb liard  
Piemontese  
Blonde d'Aquitaine  
Normande  
KRB

Inhoudsopgave (Vlaanderen)

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 Tabel: 252 Montb liard, basis R: Reproductiestoornissen  
 Tabel: 253 Piemontese, basis Y: Vruchtbaarheidskenmerken

Tabel: 254 Piemontese, basis Y: Geboortekenmerken  
 Tabel: 255 Blonde d'Aquitaine, basis Y: Vruchtbaarheidskenmerken  
 Tabel: 256 Blonde d'Aquitaine, basis Y: Geboortekenmerken  
 Tabel: 257 Blonde d'Aquitaine, basis Y: Vleeskenmerken  
 Tabel: 258 Normande, basis R: Melkproductiekenmerken  
 Tabel: 259 Normande, basis R: Vruchtbaarheidskenmerken  
 Tabel: 260 Normande, basis R: NVI met onderliggende kenmerken  
 Tabel: 261 Normande, basis R: Levensproductiekenmerken  
 Tabel: 262 Normande, basis R: Overige productie en efficiency kenm.  
 Tabel: 263 Normande, basis R: Stofwisselingsaandoeningen  
 Tabel: 264 KRB, basis Y: Melkproductiekenmerken  
 Tabel: 265 KRB, basis Y: Vruchtbaarheidskenmerken  
 Tabel: 266 KRB, basis Y: NVI met onderliggende kenmerken  
 Tabel: 267 KRB, basis Y: Levensvatbaarheidskenmerken  
 Tabel: 268 KRB, basis Y: Geboortekenmerken  
 Tabel: 269 KRB, basis Y: Levensproductiekenmerken  
 Tabel: 270 KRB, basis Y: Overige productie en efficiency kenm.  
 Tabel: 271 KRB, basis Y: Stofwisselingsaandoeningen

#### Genetische trend van koeien in Vlaanderen

Tabel: 1 Zwartbont Holstein: Melkproductiekenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	385	-3004.8	-110.6	-108.1	-136.7	30.0	-5.3	0.8	-716.5
1981	528	-3059.1	-112.6	-109.2	-139.2	31.0	-3.9	0.8	-726.0
1982	614	-2921.2	-107.5	-106.0	-132.9	29.4	-6.4	0.9	-700.2
1983	800	-2905.4	-105.7	-106.0	-132.2	31.0	-7.5	0.9	-696.4
1984	949	-2877.8	-102.4	-105.0	-130.9	34.7	-7.1	0.8	-684.7
1985	1312	-2826.9	-99.8	-103.2	-128.6	35.2	-7.1	0.8	-671.5
1986	2292	-2649.3	-94.3	-98.2	-120.5	31.2	-8.7	0.8	-636.6
1987	3322	-2699.9	-93.8	-98.5	-122.8	35.3	-6.5	0.8	-637.7
1988	4710	-2556.7	-88.9	-93.6	-116.3	32.8	-6.4	0.8	-605.3
1989	6257	-2463.0	-85.9	-91.4	-112.0	30.8	-8.1	0.7	-588.6
1990	7811	-2299.4	-80.9	-86.6	-104.5	27.3	-9.2	0.7	-556.5
1991	9765	-2187.8	-78.8	-83.5	-99.4	22.9	-10.2	0.7	-537.8
1992	11566	-2044.8	-76.8	-79.4	-92.9	16.3	-11.3	0.7	-514.7
1993	12863	-1936.3	-74.6	-76.3	-87.9	12.5	-12.3	0.7	-496.0
1994	15002	-1812.1	-72.1	-72.7	-82.3	8.2	-13.1	0.7	-474.3
1995	16943	-1694.7	-68.3	-68.6	-76.9	6.3	-12.8	0.6	-447.7
1996	17824	-1549.7	-64.3	-64.0	-70.3	3.2	-13.2	0.6	-418.4
1997	19187	-1480.9	-61.9	-61.5	-67.1	2.4	-13.1	0.6	-402.5
1998	20325	-1370.9	-59.6	-58.0	-62.1	-0.8	-13.2	0.6	-381.5
1999	20657	-1302.7	-57.7	-56.0	-59.0	-2.1	-13.5	0.6	-368.3
2000	21383	-1169.0	-56.0	-52.0	-53.0	-7.1	-14.2	0.5	-347.0
2001	21922	-1095.9	-55.4	-50.0	-49.9	-10.3	-14.8	0.2	-336.5

2002	22488	-1009.8	-53.4	-47.4	-46.6	-12.4	-15.2	-0.6	-320.6
2003	22700	-966.9	-51.3	-46.3	-47.2	-12.1	-15.6	-3.8	-312.0
2004	23049	-891.7	-48.7	-42.8	-43.6	-12.7	-14.3	-3.6	-291.0
2005	22257	-825.8	-46.7	-40.4	-40.6	-13.6	-14.1	-3.6	-276.2
2006	23117	-735.0	-45.1	-37.0	-35.8	-16.2	-13.6	-2.8	-257.2
2007	22230	-665.1	-43.8	-34.4	-32.4	-18.1	-13.3	-2.4	-242.7
2008	23787	-626.2	-42.8	-32.8	-30.2	-18.8	-12.9	-1.9	-233.4
2009	22847	-573.3	-40.1	-30.8	-27.7	-18.1	-12.6	-1.8	-218.8
2010	22298	-529.7	-37.3	-28.6	-25.5	-16.9	-11.8	-1.6	-203.4
2011	22288	-468.8	-34.5	-26.1	-21.9	-16.5	-11.2	-0.6	-186.2
2012	22956	-443.8	-32.7	-24.3	-20.7	-15.6	-10.0	-0.5	-174.6
2013	23910	-386.2	-29.5	-22.1	-17.8	-14.5	-9.7	-0.1	-157.8
2014	25317	-300.2	-25.8	-19.3	-13.8	-14.2	-9.7	-0.1	-137.3
2015	26528	-200.4	-20.6	-15.7	-8.9	-12.9	-9.5	0.2	-110.4
2016	26938	-89.6	-14.9	-10.9	-3.8	-11.5	-8.2	0.3	-77.1
2017	26381	8.3	-9.0	-6.6	1.4	-9.4	-7.1	1.1	-45.4
2018	26885	133.1	-4.1	-1.7	7.4	-9.7	-6.5	1.4	-13.5
2019	26559	219.1	3.8	3.6	11.4	-4.8	-3.8	1.5	26.1
2020	27005	341.9	10.9	8.5	17.5	-2.8	-3.1	2.1	62.9
2021	23155	419.3	17.8	12.7	21.6	1.1	-1.5	2.7	95.8
2022	1581	488.7	22.8	15.5	24.8	3.2	-1.0	2.7	119.1

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

Tabel: 2 Zwartbont Holstein: Exterieurkenmerken bouw  
Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	127	85.3	92.8	87.1	83.6	101.3	96.9	94.3
1981	202	86.0	92.7	87.8	84.7	100.6	97.0	94.6
1982	253	86.3	92.9	88.3	85.1	100.3	96.2	94.8
1983	314	85.5	93.3	87.7	84.3	101.5	96.4	94.4
1984	418	85.9	93.5	88.0	84.6	101.7	96.1	94.3
1985	634	86.0	93.6	88.0	84.6	101.9	96.5	94.4
1986	1074	87.1	93.9	89.1	85.7	101.3	96.2	95.1
1987	1358	86.8	93.8	89.4	85.8	101.2	95.9	95.0
1988	2153	87.1	94.0	89.8	86.3	100.9	95.9	95.3
1989	3485	87.7	94.0	90.4	87.0	100.6	95.7	95.5
1990	4406	88.2	93.9	90.9	87.7	100.2	96.2	95.6
1991	5615	88.6	93.9	91.1	88.2	99.9	96.4	95.8
1992	6868	89.3	94.5	91.8	89.0	99.8	96.4	96.0
1993	7461	89.7	94.7	92.3	89.5	99.7	96.4	96.0
1994	8841	90.1	94.8	92.7	90.2	99.4	96.5	96.1
1995	10060	90.5	94.9	93.0	90.8	99.2	96.7	96.0
1996	11018	90.8	95.0	93.6	91.5	98.8	96.8	95.7
1997	11658	91.4	95.2	93.8	91.8	98.8	97.1	96.1
1998	12740	91.8	95.5	94.4	92.4	98.7	97.2	96.3

1999	12683	92.1	95.7	94.7	92.9	98.7	97.4	96.4
2000	13125	92.7	95.9	95.2	93.5	98.3	97.9	97.1
2001	13462	93.2	95.7	95.4	93.8	98.1	97.7	97.3
2002	13690	93.6	95.9	95.9	94.2	97.7	97.9	97.4
2003	13773	94.1	96.2	96.4	94.9	97.7	97.9	98.0
2004	13754	94.3	96.4	96.4	95.0	97.9	98.2	97.7
2005	12854	94.8	96.8	96.9	95.5	98.0	98.6	97.8
2006	13298	95.4	97.1	97.3	95.7	98.2	99.0	98.2
2007	12415	95.8	97.4	97.6	96.0	98.3	99.1	98.6
2008	12833	96.1	97.6	97.8	96.1	98.5	99.3	99.0
2009	12885	96.2	97.6	97.8	96.3	98.6	99.2	99.1
2010	13474	96.6	97.9	98.0	96.5	98.8	99.2	99.1
2011	13553	97.2	98.6	98.5	97.0	99.4	99.0	99.4
2012	14048	98.0	98.7	98.8	97.4	99.5	99.0	99.4
2013	14569	98.5	98.6	99.1	98.0	99.3	99.0	99.5
2014	15085	98.9	98.9	99.3	98.5	99.4	99.4	99.6
2015	15558	99.3	99.0	99.5	98.8	99.6	99.3	99.8
2016	15286	99.6	99.3	99.9	99.3	99.7	99.1	100.0
2017	14905	100.4	99.6	100.0	99.6	99.8	98.9	100.3
2018	14221	100.9	99.9	100.3	100.3	99.8	99.3	100.3
2019	13662	101.2	100.1	100.8	100.8	99.7	99.8	100.4
2020	13457	101.6	100.8	101.2	101.2	100.3	99.9	100.6
2021	9090	102.0	101.3	101.6	101.7	100.4	99.8	100.9
2022	287	102.4	101.5	102.1	102.2	100.2	99.9	101.4

Tabel: 3 Zwartbont Holstein: Exterieurkenmerken beenwerk  
Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	127	89.6	102.9	96.3	90.5	85.9
1981	202	90.5	103.1	96.5	91.0	87.0
1982	253	90.7	103.3	96.4	91.6	87.5
1983	314	90.3	103.3	96.4	91.9	86.8
1984	418	90.2	103.5	96.0	92.5	86.8
1985	634	90.5	103.8	96.0	92.8	87.2
1986	1074	91.0	104.0	95.8	93.4	87.7
1987	1358	90.8	104.2	95.6	93.0	87.4
1988	2153	91.3	104.4	95.3	93.6	87.9
1989	3485	91.8	104.6	95.2	93.7	88.4
1990	4406	91.9	104.5	95.2	93.7	88.6
1991	5615	92.2	104.4	95.2	93.9	89.2
1992	6868	92.1	104.5	95.0	94.2	89.3
1993	7461	92.3	104.4	95.1	94.2	89.4
1994	8841	92.6	104.2	95.2	94.3	89.9
1995	10060	92.7	104.3	95.2	94.6	90.4
1996	11018	92.9	104.6	94.9	94.8	90.8

1997	11658	93.2	104.3	95.0	94.9	91.2
1998	12740	93.5	104.1	95.3	95.1	91.5
1999	12683	93.7	104.2	95.3	95.1	91.8
2000	13125	93.7	103.8	95.6	94.8	91.9
2001	13462	93.9	103.8	95.6	94.7	92.3
2002	13690	93.8	103.7	95.5	94.6	92.3
2003	13773	94.2	104.0	95.2	95.1	92.7
2004	13754	94.4	103.3	96.2	95.5	93.0
2005	12854	95.1	103.3	96.6	95.7	93.7
2006	13298	95.0	102.8	97.1	95.2	93.9
2007	12415	95.3	102.3	97.4	94.9	94.1
2008	12833	95.4	101.9	97.9	95.1	94.3
2009	12885	95.5	101.9	98.0	95.4	94.6
2010	13474	95.6	101.7	98.1	95.8	94.7
2011	13553	95.5	101.5	98.3	96.2	94.7
2012	14048	95.8	101.3	98.4	96.6	95.0
2013	14569	96.1	101.3	98.5	96.7	95.4
2014	15085	96.8	101.2	98.7	97.2	96.1
2015	15558	97.4	100.9	99.0	97.5	96.6
2016	15286	98.0	100.8	99.4	98.1	97.3
2017	14905	98.4	100.5	99.9	98.2	97.7
2018	14221	98.9	100.3	100.1	99.0	98.5
2019	13662	99.5	99.8	100.4	99.6	99.4
2020	13457	100.0	99.4	100.8	100.4	100.2
2021	9090	100.7	99.3	100.7	101.1	101.0
2022	287	101.3	99.7	100.2	101.7	101.8

Tabel: 4 Zwartbont Holstein: Exterieurkenmerken uier  
 Basis: Melkdoel zwart  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	127	89.0	88.1	100.3	90.8	86.3	90.8	90.0
92.3								
1981	202	89.0	88.3	100.5	90.9	86.7	91.1	90.5
92.8								
1982	253	89.5	89.1	100.7	91.1	86.8	91.8	91.2
92.8								
1983	314	89.6	88.8	100.5	91.4	86.4	91.4	90.7
92.8								
1984	418	89.4	88.6	100.5	91.2	86.3	91.3	90.5
92.3								
1985	634	89.5	88.4	100.3	91.3	86.4	91.3	90.5
92.4								
1986	1074	89.6	88.9	100.1	91.3	86.7	91.8	91.1
92.3								

1987	1358	89.2	88.5	100.4	90.8	86.9	91.8	90.8
92.2								
1988	2153	89.3	88.7	100.2	90.8	87.4	92.3	91.3
92.3								
1989	3485	89.5	88.9	100.1	90.8	87.6	92.4	91.4
92.2								
1990	4406	89.7	89.3	100.1	90.9	87.9	92.9	92.0
92.5								
1991	5615	89.8	89.8	100.3	91.1	88.3	93.4	92.5
92.9								
1992	6868	90.1	90.2	100.5	91.2	88.8	93.6	92.9
93.6								
1993	7461	89.9	90.4	100.6	91.1	89.2	94.0	93.1
94.0								
1994	8841	90.1	90.8	100.7	91.2	89.7	94.4	93.9
94.4								
1995	10060	90.4	91.2	101.0	91.3	90.1	94.6	94.3
94.8								
1996	11018	90.6	91.4	100.9	91.3	90.1	94.7	94.3
95.1								
1997	11658	91.1	91.7	100.8	91.6	90.6	95.0	94.7
95.2								
1998	12740	91.2	91.9	100.8	91.5	90.8	95.2	95.1
95.4								
1999	12683	91.4	92.6	100.6	91.7	91.2	95.5	95.6
95.6								
2000	13125	91.6	93.6	100.5	91.8	91.3	96.3	96.5
95.8								
2001	13462	91.8	93.9	100.9	92.2	91.9	96.8	96.9
96.4								
2002	13690	92.0	94.4	101.0	92.4	92.1	97.0	97.1
97.0								
2003	13773	92.5	94.5	100.8	92.7	92.6	97.0	97.2
97.0								
2004	13754	92.8	94.6	101.1	92.8	93.1	97.2	97.4
97.5								
2005	12854	93.3	95.1	101.0	93.1	93.7	97.5	98.0
97.9								
2006	13298	93.6	95.6	101.1	93.5	93.8	97.8	98.3
98.1								
2007	12415	93.9	96.1	101.0	93.8	94.2	98.0	98.6
98.1								
2008	12833	94.3	96.5	100.8	94.2	94.7	98.4	98.8
98.3								
2009	12885	94.5	96.3	100.7	94.5	94.9	98.4	98.7
98.5								
2010	13474	95.0	96.9	100.2	95.0	95.1	98.6	98.9
98.4								
2011	13553	95.5	97.5	99.9	95.6	95.4	98.7	99.0
98.0								

2012	14048	96.3	97.9	99.8	96.5	96.1	98.9	99.2
98.1								
2013	14569	96.7	98.1	100.1	97.0	96.6	99.0	99.4
98.4								
2014	15085	97.0	98.4	100.2	97.4	97.3	99.4	99.7
98.8								
2015	15558	97.6	99.0	100.3	98.0	98.0	99.9	100.3
99.2								
2016	15286	98.3	99.5	100.1	98.6	98.6	100.0	100.4
99.4								
2017	14905	99.2	99.7	100.2	99.6	99.3	100.1	100.2
99.4								
2018	14221	100.0	100.1	100.1	100.4	100.1	100.6	100.4
99.9								
2019	13662	100.8	100.3	100.0	101.1	100.7	100.7	100.4
100.4								
2020	13457	101.9	100.8	100.0	101.9	101.4	101.0	100.7
100.7								
2021	9090	102.6	101.1	100.0	102.5	101.9	101.1	100.8
101.1								
2022	287	103.2	101.6	100.1	103.3	102.3	101.5	101.2
101.7								

Tabel: 5 Zwartbont Holstein: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	127	85.6	85.8	85.4	85.7	0.0	78.3
1981	202	86.5	86.1	85.6	86.8	0.0	79.3
1982	253	86.4	86.3	86.1	87.3	0.0	79.8
1983	314	85.6	86.4	86.0	86.6	0.0	79.1
1984	418	85.6	86.8	85.8	86.5	0.0	79.0
1985	634	85.8	87.0	85.9	86.8	0.0	79.4
1986	1074	87.1	87.9	86.2	87.2	0.0	80.2
1987	1358	87.0	87.9	86.0	87.0	0.0	80.0
1988	2153	87.3	88.3	86.4	87.3	0.0	80.5
1989	3485	87.9	88.7	86.6	87.8	0.0	81.2
1990	4406	88.8	89.0	87.0	88.0	0.0	81.7
1991	5615	89.4	89.3	87.3	88.5	0.0	82.4
1992	6868	90.1	90.2	87.7	88.6	0.0	83.0
1993	7461	90.7	90.6	87.9	88.7	0.0	83.4
1994	8841	91.2	91.1	88.2	89.2	0.0	84.0
1995	10060	91.6	91.4	88.6	89.6	0.0	84.6
1996	11018	92.0	91.7	88.7	89.9	0.0	85.0
1997	11658	92.7	92.2	89.2	90.3	0.0	85.8
1998	12740	93.4	92.7	89.3	90.7	0.0	86.4

1999	12683	93.8	93.2	89.7	90.9	0.0	86.9
2000	13125	94.9	93.7	89.9	91.1	0.0	87.4
2001	13462	95.3	93.8	90.4	91.4	0.0	88.0
2002	13690	95.8	94.0	90.7	91.5	0.0	88.4
2003	13773	96.6	94.7	91.1	91.8	0.0	89.1
2004	13754	96.7	94.8	91.6	92.2	0.0	89.6
2005	12854	97.3	95.4	92.1	93.0	0.0	90.6
2006	13298	97.9	95.8	92.4	93.3	0.0	91.1
2007	12415	98.4	96.2	92.8	93.6	0.0	91.7
2008	12833	98.7	96.5	93.4	93.9	0.0	92.3
2009	12885	98.8	96.7	93.7	94.1	0.0	92.7
2010	13474	99.0	97.1	94.1	94.2	0.0	93.1
2011	13553	99.5	97.9	94.6	94.2	0.0	93.6
2012	14048	99.8	98.3	95.5	94.6	0.0	94.4
2013	14569	100.0	98.5	96.0	94.9	0.0	94.9
2014	15085	100.4	98.9	96.5	95.6	0.0	95.8
2015	15558	100.4	99.3	97.4	96.2	0.0	96.6
2016	15286	100.4	99.7	98.1	96.9	0.0	97.5
2017	14905	100.5	100.1	99.1	97.4	0.0	98.3
2018	14221	100.8	100.5	100.1	98.2	0.0	99.4
2019	13662	101.0	100.6	100.9	98.9	0.0	100.3
2020	13457	101.2	101.2	101.9	99.6	0.0	101.4
2021	9090	101.4	101.6	102.5	100.3	0.0	102.2
2022	287	102.0	101.9	103.2	101.2	0.0	103.3

Tabel: 6 Zwartbont Holstein: Vruchtbaarheidskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	1126	105.1	103.0	102.4	103.0	100.7	98.6	81.5	103.0
101.4									
1981	1328	104.8	102.8	102.0	102.7	100.3	98.7	81.8	102.7
101.2									
1982	1260	104.4	101.9	101.2	101.8	99.9	98.4	82.2	101.7
100.5									
1983	1398	103.5	101.9	100.7	101.4	99.3	98.2	82.1	101.4
100.0									
1984	1566	103.1	101.4	100.2	100.9	99.1	98.4	82.9	100.9
99.7									
1985	1893	103.2	101.3	100.3	100.8	99.2	98.9	83.5	100.9
99.9									
1986	2855	102.5	100.6	99.5	100.0	98.5	98.3	84.9	100.0
99.1									



1987	3712	102.5	100.5	99.1	99.8	98.3	99.0	84.9	99.7
99.0									
1988	4958	102.3	99.7	98.6	99.0	98.0	99.4	85.6	99.0
98.6									
1989	6660	102.0	99.4	98.2	98.6	97.7	99.6	86.5	98.6
98.3									
1990	8271	102.0	99.1	98.2	98.4	97.7	99.8	87.5	98.4
98.3									
1991	10340	101.7	99.0	97.9	98.2	97.4	99.7	88.2	98.2
98.1									
1992	12242	101.4	98.6	97.6	97.8	97.2	100.0	89.0	97.8
97.9									
1993	13746	101.4	98.3	97.5	97.5	97.2	100.2	89.7	97.5
97.8									
1994	16459	101.2	97.7	97.0	96.8	96.8	99.7	90.1	96.9
97.2									
1995	18438	101.0	97.2	96.6	96.4	96.5	99.6	90.9	96.4
96.9									
1996	19356	100.5	97.3	96.5	96.3	96.4	99.5	91.6	96.4
96.8									
1997	20618	100.4	97.2	96.4	96.2	96.3	99.3	92.1	96.3
96.6									
1998	21799	99.9	97.1	96.0	95.8	95.9	99.2	93.1	96.0
96.3									
1999	22239	99.9	96.6	95.8	95.4	95.7	99.2	93.1	95.6
96.1									
2000	23047	99.2	96.7	95.3	95.2	95.2	98.7	93.9	95.4
95.6									
2001	23693	99.3	96.2	95.1	94.8	95.1	98.6	94.3	95.0
95.4									
2002	24494	99.3	96.0	95.1	94.7	95.1	98.7	95.2	94.9
95.4									
2003	24841	99.5	95.9	95.3	94.7	95.4	98.9	95.4	95.0
95.5									
2004	25205	99.1	95.9	94.9	94.6	95.0	98.5	95.3	94.8
95.2									
2005	24436	98.7	96.0	94.7	94.4	94.7	98.4	95.5	94.6
95.0									
2006	25275	98.3	96.2	94.6	94.5	94.6	97.8	95.6	94.7
94.8									
2007	24721	98.2	96.3	94.5	94.6	94.5	97.6	96.0	94.7
94.8									
2008	27410	98.4	96.4	94.9	94.9	94.9	97.9	96.2	95.0
95.1									
2009	26902	98.6	96.6	95.3	95.2	95.3	98.3	96.6	95.3
95.5									
2010	26409	98.8	96.7	95.6	95.5	95.6	98.5	96.7	95.6
95.8									
2011	26383	98.9	97.3	96.0	96.1	96.0	98.4	96.8	96.2
96.2									

2012	27851	98.9	97.9	96.5	96.7	96.5	98.6	97.3	96.7
96.7									
2013	29396	99.2	98.2	97.1	97.2	97.0	99.0	97.8	97.3
97.3									
2014	31736	99.2	98.7	97.6	97.7	97.5	99.5	98.4	97.8
97.9									
2015	33188	99.4	98.7	97.9	97.9	97.8	99.7	98.6	98.0
98.1									
2016	34013	99.9	98.8	98.5	98.4	98.6	99.9	99.1	98.5
98.7									
2017	33113	100.2	99.0	99.0	98.8	99.2	100.0	99.7	98.9
99.2									
2018	34362	100.4	99.3	99.6	99.3	99.8	100.4	100.0	99.4
99.7									
2019	34932	100.3	99.7	100.0	99.8	100.2	100.5	100.4	99.9
100.1									
2020	36200	100.3	99.8	100.2	100.0	100.4	100.5	100.7	100.0
100.3									
2021	32814	100.4	100.0	100.5	100.3	100.7	100.5	101.3	100.3
100.5									
2022	14352	100.5	100.1	100.9	100.7	101.1	100.7	101.6	100.6
100.9									

Tabel: 7 Zwartbont Holstein: Gebruikskennmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	111	98.8	95.1	93.9	98.4	102.9
1981	177	98.6	94.9	93.7	97.6	102.8
1982	215	98.7	94.3	93.7	97.4	102.2
1983	297	98.6	94.9	93.8	97.6	102.6
1984	399	98.2	94.9	93.9	97.4	102.5
1985	608	98.4	94.7	94.1	97.8	102.6
1986	1051	98.1	95.4	93.9	97.6	102.1
1987	1310	98.4	94.8	93.5	97.0	101.8
1988	2094	98.3	95.0	93.3	96.7	101.3
1989	3344	98.5	95.1	93.2	96.5	101.2
1990	4239	98.5	95.3	93.3	96.6	100.7
1991	5358	98.6	95.1	92.9	96.1	100.2
1992	6644	98.9	95.4	92.8	95.9	99.7
1993	7060	98.8	95.4	92.9	95.9	99.5
1994	8426	99.1	95.7	92.8	95.6	99.2
1995	9544	98.8	95.7	92.8	95.3	99.0
1996	10290	99.3	95.7	92.8	95.4	98.5
1997	10919	99.3	96.0	93.0	95.4	98.3

1998	11929	99.3	96.1	93.1	95.4	98.2
1999	11970	99.1	96.2	93.1	95.1	97.9
2000	12475	99.5	96.7	93.2	95.2	97.8
2001	13067	99.4	96.8	93.3	95.1	97.7
2002	13435	99.6	96.8	93.4	95.0	97.3
2003	13560	99.4	96.7	93.4	94.9	97.2
2004	13577	99.5	96.5	93.5	94.8	97.2
2005	12653	99.5	97.1	93.5	94.6	97.0
2006	13022	99.7	97.4	93.9	94.9	97.3
2007	12157	100.0	97.9	93.9	94.7	97.1
2008	12524	100.0	98.1	94.2	94.9	97.2
2009	12534	100.0	98.0	94.4	95.0	97.3
2010	13005	100.2	98.3	94.7	95.2	97.3
2011	13061	100.3	98.4	95.4	95.9	97.7
2012	13513	100.3	98.3	95.9	96.3	97.9
2013	14027	100.4	98.6	96.4	96.7	98.1
2014	14300	100.2	98.8	97.1	97.4	98.5
2015	14963	100.0	99.2	97.8	98.1	98.9
2016	14427	99.8	99.3	98.5	98.8	99.2
2017	14267	99.6	99.5	99.4	99.6	99.8
2018	13514	100.3	99.9	99.9	99.9	99.8
2019	12649	100.3	100.4	100.5	100.3	100.0
2020	11998	99.9	100.6	101.1	100.8	100.3
2021	8117	99.5	100.6	101.8	101.4	100.7
2022	262	99.6	100.8	102.0	101.6	100.7

Tabel: 8 Zwartbont Holstein: NVI met onderliggende kenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	385	-290.4	-716.5	-386.7	101.1	101.4	85.4	85.7	94.9
0.0									
1981	528	-307.9	-726.0	-381.0	100.6	101.2	85.6	86.8	95.1
0.0									
1982	614	-312.1	-700.2	-398.7	100.1	100.5	86.1	87.3	95.8
0.0									
1983	800	-324.3	-696.4	-418.9	100.5	100.0	86.0	86.6	96.2
0.0									
1984	949	-336.9	-684.7	-446.0	100.3	99.7	85.8	86.5	96.1
0.0									
1985	1312	-276.2	-671.5	-448.8	100.6	99.9	85.9	86.8	96.1
143.6									

1986	2292	-277.7	-636.6	-444.4	100.2	99.1	86.2	87.2	96.2
134.4									
1987	3322	-285.5	-637.7	-472.1	99.7	99.0	86.0	87.0	96.0
131.1									
1988	4710	-284.9	-605.3	-490.9	99.3	98.6	86.4	87.3	96.1
122.5									
1989	6257	-285.3	-588.6	-503.9	99.1	98.3	86.6	87.8	96.2
116.5									
1990	7811	-277.3	-556.5	-503.3	98.8	98.3	87.0	88.0	96.2
112.4									
1991	9765	-277.0	-537.8	-519.8	98.3	98.1	87.3	88.5	96.0
109.8									
1992	11566	-276.1	-514.7	-513.5	97.8	97.9	87.7	88.6	96.2
102.1									
1993	12863	-272.3	-496.0	-505.1	97.7	97.8	87.9	88.7	96.3
98.2									
1994	15002	-269.9	-474.3	-496.0	97.4	97.2	88.2	89.2	96.3
95.5									
1995	16943	-266.4	-447.7	-493.5	97.1	96.9	88.6	89.6	96.3
91.4									
1996	17824	-257.5	-418.4	-465.7	96.8	96.8	88.7	89.9	96.1
88.7									
1997	19187	-254.1	-402.5	-460.0	96.8	96.6	89.2	90.3	96.0
84.1									
1998	20325	-254.0	-381.5	-460.8	96.6	96.3	89.3	90.7	95.8
79.2									
1999	20657	-254.5	-368.3	-469.1	96.3	96.1	89.7	90.9	95.5
76.3									
2000	21383	-250.4	-347.0	-457.2	96.3	95.6	89.9	91.1	95.4
71.8									
2001	21922	-246.0	-336.5	-443.8	96.2	95.4	90.4	91.4	95.4
70.3									
2002	22488	-242.4	-320.6	-439.3	95.9	95.4	90.7	91.5	95.5
67.3									
2003	22700	-239.3	-312.0	-441.1	95.8	95.5	91.1	91.8	95.5
61.2									
2004	23049	-232.3	-291.0	-426.0	95.7	95.2	91.6	92.2	95.6
58.7									
2005	22257	-228.7	-276.2	-426.5	95.5	95.0	92.1	93.0	95.7
53.3									
2006	23117	-218.2	-257.2	-398.7	95.8	94.8	92.4	93.3	95.9
47.5									
2007	22230	-213.0	-242.7	-380.7	95.7	94.8	92.8	93.6	95.7
43.1									
2008	23787	-204.7	-233.4	-364.4	95.8	95.1	93.4	93.9	95.9
40.0									
2009	22847	-192.4	-218.8	-336.1	95.9	95.5	93.7	94.1	95.9
38.2									
2010	22298	-183.0	-203.4	-320.8	96.0	95.8	94.1	94.2	96.1
34.2									

2011	22288	-167.4	-186.2	-285.5	96.6	96.2	94.6	94.2	96.5
26.1									
2012	22956	-152.9	-174.6	-260.3	96.9	96.7	95.5	94.6	96.8
22.0									
2013	23910	-136.7	-157.8	-230.8	97.2	97.3	96.0	94.9	97.3
20.2									
2014	25317	-115.0	-137.3	-191.5	97.8	97.9	96.5	95.6	97.8
16.7									
2015	26528	-94.1	-110.4	-151.5	98.4	98.1	97.4	96.2	98.2
12.4									
2016	26938	-67.0	-77.1	-97.1	98.9	98.7	98.1	96.9	98.8
7.2									
2017	26381	-41.2	-45.4	-49.4	99.7	99.2	99.1	97.4	99.4
3.2									
2018	26885	-16.8	-13.5	-7.4	99.8	99.7	100.1	98.2	99.9
-0.1									
2019	26559	10.3	26.1	41.7	100.1	100.1	100.9	98.9	100.3
-1.3									
2020	27005	33.3	62.9	82.4	100.6	100.3	101.9	99.6	100.6
-6.2									
2021	23155	56.6	95.8	122.3	101.1	100.5	102.5	100.3	101.0
-7.3									
2022	1581	73.0	119.1	113.9	101.3	100.9	103.2	101.2	101.3
-4.0									

Tabel: 9 Zwartbont Holstein: Klauwgezondheidskenmerken  
Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	31	91.6	94.1	97.0	95.4	90.8	94.3	94.2
1981	56	92.7	95.3	97.5	95.4	92.4	94.7	94.8
1982	73	91.6	94.3	97.0	94.7	91.8	94.5	94.1
1983	67	92.8	94.4	98.1	97.1	92.1	95.2	93.4
1984	73	92.0	93.7	97.6	96.1	91.1	94.9	93.5
1985	102	92.5	94.0	98.0	96.8	91.1	95.2	93.6
1986	223	92.0	93.7	97.7	96.1	90.7	95.1	93.4
1987	197	92.2	94.1	97.8	96.1	91.0	95.2	93.4
1988	349	93.2	94.1	99.0	96.8	91.8	95.7	92.9
1989	480	92.8	94.1	98.5	97.0	91.5	95.4	92.9
1990	782	93.0	94.5	98.4	97.1	91.9	95.2	93.4
1991	1106	93.6	95.0	98.6	97.4	92.4	95.6	93.8
1992	1583	93.4	94.2	98.8	97.3	91.8	95.4	93.7
1993	1814	93.6	94.5	98.9	97.4	91.8	95.7	94.0
1994	2511	93.8	94.8	99.0	97.2	92.2	96.1	93.9
1995	3696	93.7	94.9	99.0	96.9	92.4	95.7	93.8

1996	4251	94.0	95.3	99.1	97.3	92.7	95.6	93.9
1997	5363	93.7	95.5	98.5	96.9	92.6	95.4	94.2
1998	9872	93.2	94.8	98.5	96.8	92.1	95.3	93.5
1999	10657	93.1	94.8	98.4	96.8	92.1	95.3	93.5
2000	11016	93.3	95.2	98.5	96.5	92.2	95.4	93.7
2001	11172	93.5	95.5	98.6	96.5	92.3	95.7	93.9
2002	11800	93.3	95.2	98.4	96.4	92.0	95.5	94.1
2003	12465	93.4	95.6	98.2	96.4	92.2	95.4	94.3
2004	12634	93.3	95.4	98.1	96.3	92.7	95.3	94.3
2005	11910	93.2	94.9	98.1	96.4	92.9	95.6	94.3
2006	12374	93.9	95.7	98.1	96.9	93.5	96.1	94.6
2007	11607	93.8	96.0	97.8	96.9	93.8	96.1	94.8
2008	12022	93.8	96.2	97.5	96.7	94.1	96.0	95.1
2009	12118	94.3	96.5	97.7	96.9	94.6	96.2	95.5
2010	12661	94.5	96.8	97.6	96.9	95.1	96.2	95.9
2011	12831	95.2	97.4	97.8	97.4	95.8	96.1	96.5
2012	13390	95.8	97.8	98.0	97.9	96.3	96.4	97.0
2013	13935	96.1	97.9	98.2	98.0	96.5	96.7	97.3
2014	14639	96.8	98.2	98.5	98.5	97.0	97.3	97.6
2015	15198	97.2	98.6	98.6	98.7	97.6	97.6	98.1
2016	14992	97.7	98.8	98.7	99.0	98.1	98.1	98.5
2017	14649	98.3	99.2	98.9	99.2	98.9	98.7	99.0
2018	13978	99.1	99.5	99.3	99.5	99.4	99.4	99.7
2019	13431	99.8	99.9	99.7	99.8	100.0	99.9	100.2
2020	13191	100.5	100.2	100.1	100.2	100.6	100.3	100.8
2021	8759	101.1	100.4	100.6	100.5	100.8	100.8	100.9
2022	254	101.7	100.4	101.3	101.0	100.8	101.1	101.0

Tabel: 10 Zwartbont Holstein: Levensvatbaarheidskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	53	94.8	98.1	94.8	98.1	92.7	98.6
1981	91	95.1	98.1	95.1	98.1	93.2	97.9
1982	120	95.3	98.3	95.3	98.3	93.3	98.1
1983	136	96.0	98.4	96.0	98.4	93.7	98.5
1984	161	95.4	98.4	95.4	98.4	93.2	98.3
1985	250	95.7	98.2	95.7	98.2	93.6	98.4
1986	486	95.6	98.3	95.6	98.3	93.7	98.6
1987	559	95.4	98.2	95.4	98.2	93.5	98.4
1988	851	95.9	98.2	95.9	98.2	93.8	98.6
1989	1178	95.6	98.4	95.6	98.4	93.7	98.5
1990	1566	95.6	98.5	95.6	98.5	93.8	98.6
1991	2161	96.0	98.3	96.0	98.3	94.3	98.5
1992	2804	96.0	98.2	96.0	98.2	94.5	98.4
1993	3070	96.2	98.3	96.2	98.3	94.7	98.6

1994	3596	96.3	98.2	96.3	98.2	94.8	98.5
1995	4524	96.8	97.7	96.8	97.7	95.1	98.1
1996	5111	96.6	97.6	96.6	97.6	95.2	97.9
1997	6020	96.4	97.7	96.4	97.7	94.9	97.9
1998	6997	96.5	97.4	96.5	97.4	95.2	97.5
1999	7728	96.2	97.3	96.2	97.3	95.0	97.4
2000	8838	96.1	97.3	96.1	97.3	95.0	97.4
2001	10142	96.4	97.2	96.4	97.2	95.3	97.3
2002	11727	96.8	97.0	96.8	97.0	96.0	97.1
2003	13580	96.6	97.2	96.6	97.2	95.9	97.2
2004	16276	96.9	97.2	96.9	97.2	96.0	97.2
2005	17762	97.0	97.1	97.0	97.1	95.8	97.2
2006	21129	97.3	97.2	97.3	97.2	96.3	97.2
2007	20607	96.9	97.3	96.9	97.3	96.3	97.2
2008	28349	96.8	97.6	96.8	97.6	96.7	97.3
2009	28579	96.8	97.6	96.8	97.6	96.8	97.4
2010	28340	97.1	97.6	97.1	97.6	97.3	97.3
2011	28358	97.4	97.8	97.4	97.8	98.1	97.2
2012	29828	97.8	97.8	97.8	97.8	98.6	97.5
2013	31413	98.0	98.2	98.0	98.2	98.9	97.9
2014	34033	98.7	98.4	98.7	98.4	99.5	98.1
2015	35724	99.0	98.7	99.0	98.7	99.7	98.3
2016	36883	99.5	99.0	99.5	99.0	100.1	98.8
2017	36076	99.8	99.5	99.8	99.5	100.3	99.2
2018	37227	100.0	100.0	100.0	100.0	100.4	99.7
2019	37679	100.2	100.3	100.2	100.3	100.7	99.9
2020	39403	100.4	100.5	100.4	100.5	100.7	100.2
2021	38806	100.7	100.7	100.7	100.7	100.8	100.4
2022	35156	101.0	100.9	101.0	100.9	100.7	100.7
2023	34204	101.2	101.1	101.2	101.1	100.7	100.9
2024	3809	101.4	101.3	101.4	101.3	100.7	101.1

Tabel: 11 Zwartbont Holstein: Geboortekenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	137	94.8	105.0	104.0	94.3	97.2	99.7
1981	226	95.2	104.4	103.6	95.5	97.2	99.1
1982	252	94.5	105.3	104.2	95.0	96.6	99.5
1983	429	93.6	105.8	104.9	95.5	96.9	99.0
1984	589	93.8	105.8	104.7	95.4	96.9	99.3
1985	851	94.0	105.7	104.4	95.4	96.8	98.7
1986	1520	94.4	105.5	104.0	95.4	96.7	98.5
1987	1934	94.5	105.4	103.7	94.7	97.2	99.2
1988	2972	94.9	105.3	103.3	94.0	97.1	99.6
1989	4043	95.1	105.5	103.1	94.2	97.2	99.4

1990	5021	95.4	105.1	102.9	94.1	97.0	99.4
1991	5789	95.4	104.9	102.8	93.8	97.6	99.9
1992	6869	95.3	104.8	103.0	94.1	97.5	100.1
1993	6925	95.2	104.8	103.2	94.2	97.3	100.2
1994	7002	94.7	104.9	103.7	94.2	97.3	100.2
1995	7479	94.7	104.6	103.8	94.0	97.0	99.9
1996	7509	95.5	104.5	103.2	94.1	96.7	99.6
1997	8042	95.1	104.8	103.5	94.1	96.7	99.7
1998	8596	95.0	104.7	103.7	94.4	96.7	99.6
1999	8510	94.8	104.3	103.9	94.3	96.8	99.6
2000	9130	94.8	104.3	103.9	94.5	96.9	99.7
2001	9664	94.7	104.3	104.0	94.7	97.0	99.6
2002	10070	95.0	103.9	103.9	94.9	96.6	99.3
2003	10876	94.9	103.8	104.0	95.2	96.7	99.1
2004	11811	95.1	103.8	103.8	95.3	96.5	99.3
2005	11740	95.1	103.4	104.0	95.5	96.8	99.4
2006	12987	95.4	103.2	103.6	96.0	96.7	99.3
2007	13957	95.5	102.7	103.6	96.4	96.7	99.4
2008	14528	95.3	102.6	103.8	96.7	96.9	99.5
2009	17925	95.4	102.6	103.8	96.8	96.9	99.4
2010	18802	95.7	102.5	103.5	97.0	97.0	99.4
2011	19736	96.3	102.2	102.9	97.6	97.3	99.2
2012	20510	96.7	102.2	102.6	97.9	97.8	99.2
2013	21355	96.9	102.1	102.5	98.3	98.3	99.3
2014	22820	97.1	101.9	102.4	98.6	98.6	99.4
2015	23794	97.2	101.8	102.4	99.1	98.9	99.2
2016	23940	97.5	101.6	102.2	99.6	99.1	99.3
2017	23238	97.8	101.2	102.0	100.2	99.6	99.4
2018	22483	98.2	100.8	101.6	100.5	100.1	99.5
2019	21688	98.4	100.3	101.4	100.7	100.5	99.7
2020	21047	98.7	100.1	101.2	101.1	100.8	99.6
2021	17525	98.9	100.0	101.0	101.3	101.0	99.7
2022	10510	98.9	100.0	101.1	101.3	101.2	100.0
2023	9322	99.0	99.9	101.1	101.5	101.1	100.1
2024	1215	99.2	99.8	100.9	101.5	101.1	100.0

Tabel: 12 Zwartbont Holstein: Vleeskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st
1980	65	102.6	106.0	97.7	100.8	103.9	98.3	102.6	99.0	104.4	99.6
101.0											



1981	99	102.4	105.8	97.8	100.9	103.4	98.6	102.4	99.1	104.0	99.6
101.2											
1982	131	102.3	105.2	97.9	100.0	103.6	97.7	102.3	99.1	104.1	99.2
100.3											
1983	156	103.0	106.8	96.8	100.5	105.1	97.3	102.8	98.7	105.5	98.6
101.1											
1984	219	103.1	107.7	96.9	101.1	105.4	97.6	103.1	98.4	105.9	99.0
101.6											
1985	318	103.3	108.0	96.8	101.2	105.7	97.5	103.2	98.4	106.1	98.9
101.8											
1986	623	103.2	107.1	97.4	101.2	105.2	97.9	103.0	98.9	105.6	99.1
101.8											
1987	741	103.1	107.7	97.0	101.2	105.2	97.7	102.8	98.8	105.8	98.9
101.6											
1988	1146	103.0	107.1	97.3	100.9	105.1	97.7	102.6	99.0	105.5	98.8
101.4											
1989	1604	102.7	106.5	97.7	100.7	104.5	98.0	102.5	98.9	105.0	99.0
101.2											
1990	2126	102.4	105.8	98.0	100.1	104.3	97.8	102.3	98.9	104.5	99.1
100.7											
1991	2948	102.6	105.6	98.2	100.3	104.2	97.9	102.5	99.0	104.4	99.3
100.8											
1992	3756	102.2	105.0	98.8	100.2	103.5	98.4	102.2	99.1	103.9	99.8
100.8											
1993	4141	102.3	104.9	99.0	100.4	103.4	98.7	102.3	99.1	103.8	99.8
101.0											
1994	5055	102.1	104.2	99.3	100.2	103.0	98.8	102.0	99.5	103.4	99.9
100.9											
1995	6267	101.8	103.7	99.5	100.0	102.6	99.1	101.6	99.8	103.2	99.8
100.9											
1996	7172	101.4	102.9	99.8	99.7	102.1	99.0	101.4	99.3	102.5	99.8
100.5											
1997	8486	101.4	102.5	99.8	99.5	102.0	98.8	101.5	99.3	102.2	99.8
100.3											
1998	9996	101.4	102.1	100.1	99.5	101.9	98.8	101.5	99.6	102.0	99.8
100.3											
1999	11190	101.0	102.1	99.9	99.6	101.5	99.0	101.1	99.6	101.9	99.8
100.3											
2000	13512	100.9	101.7	100.3	99.6	101.4	99.3	101.0	99.4	101.7	100.0
100.4											
2001	17409	100.9	101.0	100.6	99.4	101.1	99.4	101.1	99.5	101.2	100.2
100.2											
2002	18771	100.6	100.5	100.7	99.3	100.7	99.4	101.0	99.4	100.6	100.2
100.1											
2003	20023	100.4	100.2	100.6	99.4	100.1	99.7	100.8	99.4	100.3	100.3
100.2											
2004	20785	100.5	100.2	100.6	99.4	100.2	99.6	100.8	99.7	100.3	100.1
100.1											
2005	20232	100.3	100.1	100.6	99.6	99.8	100.1	100.6	99.8	100.1	100.4
100.1											

2006	21325	100.0	100.0	100.6	99.9	99.6	100.3	100.2	99.8	99.9	100.6
99.9											
2007	20823	99.9	99.7	100.6	100.0	99.5	100.3	100.2	99.6	99.6	100.6
99.8											
2008	22579	99.8	99.6	100.5	99.9	99.4	100.3	100.2	99.4	99.6	100.6
99.8											
2009	22287	99.7	99.6	100.4	99.9	99.3	100.4	100.1	99.3	99.5	100.7
99.8											
2010	22209	99.8	99.6	100.2	99.8	99.4	100.1	100.3	99.4	99.5	100.5
99.8											
2011	21968	100.1	99.7	100.0	100.1	99.6	99.7	100.8	99.0	99.5	100.2
99.9											
2012	22508	100.0	99.3	100.2	100.0	99.5	99.7	100.9	98.8	99.1	100.5
99.6											
2013	22733	99.8	98.8	100.4	99.8	99.2	99.7	100.9	98.6	98.7	100.7
99.3											
2014	22511	99.8	98.6	100.7	99.7	99.1	99.7	101.1	98.3	98.4	100.9
99.3											
2015	21585	100.0	98.3	100.8	99.6	99.3	99.6	101.4	98.2	98.3	101.0
99.4											
2016	19220	100.1	98.0	100.8	99.5	99.1	99.5	101.6	98.2	98.1	100.9
99.5											
2017	16492	100.3	97.8	100.8	99.6	99.1	99.5	101.8	98.3	98.0	101.1
99.7											
2018	14533	100.5	97.3	100.9	99.6	99.0	99.3	102.2	98.4	97.7	101.0
99.9											
2019	13321	100.4	97.0	101.3	99.4	98.8	99.4	102.2	98.3	97.4	101.0
99.8											
2020	13096	100.8	97.1	101.5	99.6	99.0	99.4	102.5	98.4	97.5	101.1
100.2											
2021	8665	100.9	96.9	101.8	99.7	98.9	99.4	102.7	98.4	97.3	101.1
100.4											
2022	248	100.8	96.5	101.8	99.4	98.7	99.2	102.7	98.4	97.0	101.0
100.3											

Tabel: 13 Zwartbont Holstein: Kalvervitaliteit  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	50	97.9	100.0	97.3
1981	83	98.2	100.1	97.5
1982	104	98.7	100.5	97.8
1983	106	98.5	100.3	97.8
1984	106	98.0	99.9	97.2
1985	145	98.0	100.0	97.2

1986	309	97.8	99.9	97.2
1987	294	97.7	99.8	97.2
1988	421	98.3	100.2	97.9
1989	574	98.1	100.1	97.6
1990	696	98.5	100.2	97.7
1991	965	98.7	100.4	97.9
1992	1136	98.9	100.5	98.3
1993	1163	98.9	100.7	98.1
1994	1265	99.2	100.8	98.4
1995	1679	99.3	100.9	98.5
1996	1952	99.3	100.8	98.6
1997	2295	99.2	100.5	98.5
1998	2419	99.5	100.6	98.9
1999	2595	99.4	100.6	98.9
2000	2927	99.3	100.4	98.9
2001	3150	99.5	100.5	99.0
2002	3191	99.4	100.5	98.9
2003	3225	99.5	100.4	99.0
2004	3857	99.8	100.6	99.4
2005	3894	99.7	100.7	99.3
2006	4340	99.4	100.3	99.1
2007	4117	99.0	99.8	99.2
2008	4588	99.0	99.9	99.1
2009	4692	99.2	100.0	99.1
2010	4519	99.0	100.0	99.1
2011	4450	99.1	100.1	99.1
2012	4475	99.0	100.0	99.1
2013	4732	99.3	100.3	99.2
2014	5419	99.2	100.2	99.2
2015	5429	99.4	100.2	99.4
2016	5196	99.8	100.3	99.6
2017	4535	100.1	100.5	99.7
2018	3287	100.0	100.3	99.9
2019	2416	100.0	100.0	100.0
2020	1836	100.1	100.2	100.0
2021	943	100.1	100.0	100.2
2022	317	100.5	100.2	100.5
2023	27	99.8	99.6	100.5

Tabel: 14 Zwartbont Holstein: Levensproductiekenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	21733	-4019.8	-15479.4	-695.1	-572.6
2002	22406	-3954.7	-15168.0	-685.7	-562.7
2003	22650	-3933.7	-15066.0	-681.4	-560.5

2004	23028	-3809.8	-14581.2	-662.6	-541.5
2005	22272	-3775.6	-14427.7	-658.2	-535.9
2006	23135	-3585.2	-13603.4	-628.9	-507.1
2007	22322	-3453.7	-13039.2	-609.2	-487.0
2008	23909	-3339.3	-12557.7	-590.9	-470.0
2009	23193	-3144.2	-11765.0	-556.8	-442.6
2010	22984	-3017.2	-11288.2	-534.4	-424.6
2011	23013	-2772.8	-10289.8	-492.5	-389.7
2012	23974	-2590.6	-9597.2	-461.8	-363.3
2013	24907	-2367.1	-8702.5	-422.2	-332.0
2014	26540	-2070.5	-7463.2	-370.4	-290.4
2015	27758	-1746.7	-6174.0	-312.6	-245.3
2016	27975	-1306.9	-4452.8	-236.9	-182.6
2017	27407	-901.3	-2902.4	-164.7	-125.8
2018	27768	-522.7	-1352.5	-101.8	-70.9
2019	27426	-55.2	270.4	-16.3	-6.1
2020	27956	348.9	1793.6	57.1	49.8
2021	22018	732.8	3158.3	128.8	102.2
2022	906	702.5	3114.7	126.1	96.3

Tabel: 15 Zwartbont Holstein: Robot / AMS kenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	43	97.7	88.0	102.1	92.1
1981	61	98.1	87.9	102.0	92.1
1982	81	98.0	88.1	101.7	91.9
1983	83	96.7	87.8	102.7	91.3
1984	88	97.2	87.5	102.7	91.9
1985	109	97.2	88.2	102.4	92.0
1986	240	97.1	88.1	102.7	92.0
1987	219	97.6	87.6	102.3	92.0
1988	335	97.4	87.7	102.3	91.6
1989	448	97.2	88.4	102.6	92.3
1990	583	97.5	88.6	102.5	92.5
1991	762	97.5	88.5	101.9	91.8
1992	951	97.6	88.3	101.5	91.4
1993	920	97.5	88.6	101.7	91.7
1994	1097	97.4	88.5	101.7	91.5
1995	1426	97.3	88.7	101.2	91.0
1996	1574	97.4	89.2	101.5	91.6
1997	1901	97.5	89.2	101.7	92.0
1998	2037	97.5	89.5	101.7	92.0
1999	2086	97.5	89.6	101.7	92.0
2000	2387	97.6	90.5	101.2	92.2
2001	2549	97.5	90.8	100.9	92.0

2002	2752	97.5	90.8	101.1	92.2
2003	2981	97.7	90.6	100.9	92.0
2004	3318	97.9	91.1	100.5	92.3
2005	3391	97.8	91.5	100.8	92.6
2006	3898	98.0	92.1	100.6	93.0
2007	3858	98.1	92.4	100.4	93.1
2008	4330	98.1	92.7	100.4	93.3
2009	5017	98.3	93.3	100.3	93.7
2010	5991	98.6	93.6	99.9	94.0
2011	6332	98.8	94.4	99.6	94.5
2012	7130	99.0	94.7	99.7	95.1
2013	7899	99.3	95.3	99.7	95.8
2014	9023	99.2	96.3	99.8	96.4
2015	9938	99.2	97.3	99.6	97.0
2016	10154	99.2	98.3	99.8	97.9
2017	10302	99.3	99.1	99.8	98.7
2018	10273	99.8	99.8	99.6	99.3
2019	9856	100.1	100.3	99.8	100.1
2020	10655	99.6	100.1	99.7	99.7
2021	9639	99.3	99.5	99.8	99.2
2022	995	99.2	98.9	99.9	98.9

Tabel: 16 Zwartbont Holstein: Overige productie en efficiency kenm.  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	385	95.6	97.9	0	0.0	0.0	0	0.0
1981	528	94.9	97.6	0	0.0	0.0	0	0.0
1982	614	95.3	98.3	0	0.0	0.0	0	0.0
1983	800	95.1	98.5	0	0.0	0.0	0	0.0
1984	949	94.9	98.5	0	0.0	0.0	0	0.0
1985	1312	95.2	98.9	767	-6.5	143.6	0	0.0
1986	2292	95.0	98.8	1224	-6.1	134.4	0	0.0
1987	3322	94.6	98.5	1534	-6.0	131.1	0	0.0
1988	4710	94.7	98.3	2252	-5.6	122.5	0	0.0
1989	6257	94.8	98.4	3562	-5.5	116.5	0	0.0
1990	7811	95.1	98.5	4470	-5.2	112.4	0	0.0
1991	9765	95.1	98.3	5685	-5.1	109.8	0	0.0
1992	11566	95.1	98.5	6935	-4.8	102.1	0	0.0
1993	12863	95.2	98.4	7501	-4.6	98.2	0	0.0
1994	15002	95.3	98.4	8873	-4.5	95.5	0	0.0
1995	16943	95.2	98.2	10109	-4.2	91.4	0	0.0
1996	17824	95.8	98.2	11053	-4.0	88.7	0	0.0
1997	19187	95.8	98.1	11700	-3.8	84.1	0	0.0
1998	20325	96.0	97.9	12765	-3.6	79.2	0	0.0
1999	20657	95.9	97.7	12714	-3.5	76.3	0	0.0

2000	21383	96.4	97.5	13154	-3.3	71.8	0	0.0
2001	21922	96.6	97.6	13499	-3.2	70.3	13457	92.9
2002	22488	96.7	97.4	13722	-3.0	67.3	13681	93.1
2003	22700	96.6	97.3	13812	-2.9	61.2	13760	93.6
2004	23049	96.8	97.4	13805	-2.7	58.7	13738	93.8
2005	22257	96.8	97.4	12941	-2.5	53.3	12846	94.4
2006	23117	97.0	97.5	13430	-2.3	47.5	13283	95.1
2007	22230	97.2	97.5	12564	-2.2	43.1	12396	95.6
2008	23787	97.4	97.6	13011	-2.1	40.0	12813	96.0
2009	22847	97.4	97.8	13145	-1.9	38.2	12875	96.1
2010	22298	97.6	97.8	13885	-1.8	34.2	13453	96.5
2011	22288	97.9	98.2	14059	-1.5	26.1	13537	97.6
2012	22956	98.1	98.6	14653	-1.4	22.0	14032	98.0
2013	23910	98.3	98.6	15369	-1.2	20.2	14556	98.2
2014	25317	98.5	98.6	16243	-1.0	16.7	15070	98.5
2015	26528	98.8	98.7	17262	-0.8	12.4	15537	98.9
2016	26938	99.3	98.9	17734	-0.5	7.2	15269	99.4
2017	26381	99.8	99.1	18176	-0.2	3.2	14897	99.9
2018	26885	100.2	99.2	18716	0.0	-0.1	14204	100.3
2019	26559	100.7	99.8	19310	0.3	-1.3	13643	100.5
2020	27005	101.4	100.2	19948	0.6	-6.2	13446	101.3
2021	23155	101.9	100.4	17760	0.9	-7.3	9089	101.8
2022	1581	102.2	100.5	14144	1.1	-4.0	287	102.0
2023	0	0.0	0.0	13236	1.3	-0.3	0	0.0
2024	0	0.0	0.0	1002	1.4	0.9	0	0.0

Tabel: 17 Zwartbont Holstein: Stofwisselingsaandoeningen  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	49	98.7	19	97.7	18	97.6	49	94.9
1981	84	98.2	42	97.5	40	97.6	84	94.9
1982	108	98.1	54	97.2	46	96.8	108	94.9
1983	118	98.8	36	97.2	32	97.0	118	95.3
1984	128	98.8	40	97.5	38	97.1	128	95.3
1985	196	99.2	58	98.5	54	97.4	196	95.6
1986	377	98.9	159	99.3	148	96.7	377	95.1
1987	414	99.2	117	98.7	107	97.1	414	95.4
1988	630	99.4	159	98.1	143	99.3	630	95.7
1989	876	99.3	209	98.3	184	98.0	876	95.5
1990	1157	99.0	276	98.2	261	96.7	1157	95.3
1991	1565	99.0	441	98.6	425	97.4	1565	95.1
1992	2004	99.1	501	98.8	472	96.6	2004	94.8
1993	2155	99.4	384	99.0	355	97.0	2155	95.1
1994	2526	99.2	486	98.5	447	97.4	2526	95.0
1995	3128	98.9	725	97.7	674	97.2	3128	94.7

1996	3491	98.7	868	98.1	839	97.2	3491	94.5
1997	4109	98.1	1079	97.4	1043	96.7	4109	94.3
1998	4595	98.1	1150	97.9	1118	97.1	4595	94.2
1999	5029	98.2	1112	98.0	1063	96.9	5029	94.0
2000	5525	98.0	1304	97.7	1250	97.1	5525	93.7
2001	6171	98.0	1362	97.8	1313	96.8	6171	93.7
2002	7009	98.1	1407	97.9	1350	96.7	7009	93.6
2003	7958	97.7	1552	97.6	1499	96.4	7958	93.5
2004	9285	98.1	1807	98.5	1745	97.2	9285	93.7
2005	10002	98.0	1874	98.6	1837	97.0	10002	93.8
2006	11928	98.1	2204	98.7	2158	96.8	11928	94.1
2007	13028	98.3	2164	98.8	2141	97.1	13028	94.4
2008	15880	98.5	2367	99.1	2334	97.0	15880	94.7
2009	18212	98.5	2516	99.2	2501	97.0	18212	95.2
2010	21106	98.6	2948	99.3	2948	97.2	21106	95.4
2011	21415	99.2	2954	99.9	2944	98.0	21415	96.4
2012	22320	99.5	3288	100.1	3271	98.1	22320	96.9
2013	23242	99.7	3624	100.3	3603	98.5	23242	97.5
2014	24401	99.8	4140	100.5	4100	98.3	24401	97.8
2015	25461	100.0	4188	100.6	4152	98.5	25461	98.1
2016	26019	100.1	3906	100.6	3871	98.9	26019	98.6
2017	25491	100.2	3341	100.6	3312	99.1	25491	99.2
2018	26015	100.2	2311	100.1	2316	99.5	26015	99.6
2019	25600	100.2	1421	100.1	1444	99.9	25600	100.0
2020	25597	100.3	1053	100.2	1095	100.0	25597	100.6
2021	20725	100.3	379	100.4	418	100.0	20725	100.9
2022	1410	100.3	31	100.2	34	100.6	1410	100.9

Tabel: 18 Zwartbont Holstein: Reproductiestoornissen  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	32	97.2	98.2	97.3	98.6	96.8	95.4
1981	55	97.3	98.4	97.5	98.6	96.2	95.3
1982	71	97.3	98.4	97.1	98.5	96.3	94.9
1983	69	97.4	98.3	97.5	98.6	96.6	95.7
1984	65	97.1	97.9	97.4	98.3	96.5	95.5
1985	83	97.5	98.2	97.7	98.6	96.9	95.9
1986	191	98.2	99.2	98.0	98.7	97.7	97.0
1987	153	97.8	98.9	97.8	98.5	97.3	96.4
1988	223	97.0	97.3	97.4	98.6	96.2	95.4
1989	292	97.5	98.2	97.6	98.7	96.6	95.7
1990	392	97.9	99.1	97.8	98.9	97.0	96.0
1991	547	98.2	99.2	97.7	99.5	97.0	96.6
1992	665	97.7	98.3	97.6	98.9	97.2	96.2
1993	608	97.7	98.3	97.5	98.9	97.2	96.3

1994	734	97.6	98.1	97.3	99.1	96.8	95.6
1995	972	97.3	98.0	97.0	99.0	96.2	95.3
1996	1121	97.5	98.4	97.1	99.0	96.7	95.5
1997	1308	97.9	99.1	97.5	99.1	96.8	96.1
1998	1386	98.3	99.3	97.6	99.6	97.0	96.2
1999	1414	98.2	99.1	97.8	99.4	97.0	96.4
2000	1652	97.8	98.5	97.4	99.1	97.2	96.1
2001	1738	97.9	98.7	97.5	99.3	96.9	96.1
2002	1846	97.8	98.6	97.4	99.3	96.8	96.0
2003	1970	98.0	99.0	97.4	99.3	96.7	96.1
2004	2274	98.6	99.5	98.1	99.6	97.3	96.9
2005	2256	98.9	99.9	98.4	99.8	97.7	97.2
2006	2591	99.4	100.2	98.9	100.2	98.2	97.8
2007	2535	99.6	100.3	99.2	100.3	98.3	98.0
2008	2704	99.8	100.5	99.6	100.4	98.4	98.3
2009	2835	99.8	100.5	99.5	100.4	98.4	98.3
2010	3284	99.7	100.3	99.5	100.2	98.5	98.4
2011	3236	99.7	100.2	99.8	100.0	99.0	98.9
2012	3539	99.7	100.2	99.8	99.8	99.2	99.0
2013	3911	99.7	100.1	99.7	99.8	99.5	99.1
2014	4434	99.7	100.0	99.7	99.8	99.8	99.3
2015	4531	99.6	99.8	99.7	99.6	99.8	99.4
2016	4241	99.6	99.7	99.8	99.6	99.9	99.5
2017	3721	99.6	99.5	99.8	99.7	99.9	99.7
2018	2710	99.8	99.6	100.0	99.9	100.1	99.9
2019	1854	100.1	99.6	100.3	100.2	100.4	100.1
2020	1448	100.2	99.6	100.3	100.3	100.5	100.2
2021	566	100.1	99.5	100.3	100.2	100.5	100.1
2022	41	99.9	99.3	100.2	100.1	100.4	100.1

Tabel: 19 Red-Holstein: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	20	-2344.0	-92.8	-92.8	-105.7	21.6	-13.9	1.9	-607.0
1985	34	-2457.8	-97.9	-96.1	-110.9	21.9	-13.0	1.8	-632.9
1986	43	-2308.9	-91.7	-92.7	-104.1	21.3	-15.7	1.7	-604.1
1987	99	-2403.2	-92.3	-93.5	-108.4	27.4	-11.8	1.7	-609.6
1988	204	-2409.6	-90.9	-93.9	-108.7	30.9	-11.7	1.7	-608.5
1989	381	-2357.4	-90.4	-91.3	-106.4	27.3	-10.4	1.7	-596.1
1990	533	-2336.6	-90.4	-90.8	-105.4	26.2	-10.5	1.7	-593.7
1991	763	-2166.1	-85.6	-85.8	-97.6	20.5	-12.4	1.6	-561.0
1992	1166	-2105.1	-84.8	-83.9	-94.8	17.0	-12.8	1.6	-550.5
1993	1636	-2055.8	-84.7	-82.8	-92.6	13.4	-13.9	1.6	-545.1
1994	2143	-1953.8	-75.6	-77.2	-87.9	20.1	-10.5	1.6	-501.6
1995	2897	-1900.5	-73.6	-74.9	-85.5	19.5	-9.9	1.6	-487.3



1996	3335	-1789.4	-68.4	-71.7	-80.4	19.5	-11.0	1.6	-461.9
1997	4078	-1680.8	-66.6	-68.4	-75.5	14.6	-11.7	1.6	-442.9
1998	5146	-1630.9	-63.6	-65.6	-73.2	15.4	-10.2	1.6	-424.7
1999	5248	-1572.6	-61.7	-63.0	-70.5	14.2	-9.2	1.6	-409.0
2000	5921	-1421.9	-57.8	-58.3	-63.7	9.7	-10.1	1.6	-379.6
2001	6360	-1310.8	-55.6	-55.1	-58.7	5.7	-11.1	1.4	-360.5
2002	6430	-1177.4	-51.7	-50.9	-53.3	2.7	-11.7	0.6	-333.2
2003	6502	-1092.9	-48.7	-47.9	-52.1	1.4	-11.6	-3.1	-314.1
2004	6655	-982.3	-43.8	-44.0	-47.1	1.5	-11.4	-3.2	-286.4
2005	6630	-821.1	-41.3	-39.3	-40.1	-4.8	-12.5	-3.6	-259.7
2006	6624	-712.4	-40.1	-35.8	-33.9	-9.5	-13.0	-2.0	-241.2
2007	6633	-715.9	-37.6	-34.4	-34.3	-6.1	-10.9	-2.3	-230.3
2008	7115	-667.7	-35.4	-31.5	-31.8	-6.1	-9.3	-1.9	-213.0
2009	6951	-665.4	-37.3	-31.5	-30.7	-8.9	-9.5	-0.5	-216.7
2010	6854	-608.8	-34.9	-28.5	-28.2	-9.0	-8.2	-0.6	-198.7
2011	6372	-509.7	-29.8	-24.4	-23.5	-8.0	-7.4	-0.4	-169.9
2012	6126	-466.5	-27.9	-22.3	-21.2	-7.9	-6.6	0.1	-156.4
2013	6077	-419.5	-25.1	-19.9	-19.0	-6.9	-5.5	0.2	-140.0
2014	5959	-367.5	-22.9	-17.5	-16.6	-6.9	-4.9	0.2	-125.0
2015	5755	-325.8	-20.3	-15.0	-14.1	-5.8	-3.4	0.9	-108.2
2016	5538	-234.1	-17.5	-11.7	-9.7	-7.3	-3.4	1.2	-87.8
2017	5013	-141.1	-14.0	-8.1	-5.2	-7.9	-2.9	1.5	-64.1
2018	4733	2.8	-7.6	-3.0	1.5	-7.9	-3.0	1.7	-27.5
2019	4618	77.2	0.3	1.3	4.7	-2.4	-1.0	1.4	7.3
2020	4498	208.0	7.6	6.4	11.1	-0.5	-0.5	1.9	45.5
2021	3563	351.3	17.8	12.0	18.4	3.7	0.0	2.8	92.1
2022	159	423.2	21.8	14.6	22.2	4.4	-0.1	3.3	112.3

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

Tabel: 20 Red-Holstein: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1984	14	89.3	95.9	92.4	87.9	101.5	94.0	95.1
1985	23	88.8	92.7	90.4	87.3	100.2	95.8	94.5
1986	25	89.3	93.2	91.4	88.4	100.0	95.9	95.2
1987	58	89.5	94.4	92.1	88.6	100.4	95.4	95.2
1988	112	89.6	94.9	92.4	88.1	100.8	95.2	95.8
1989	225	89.4	94.8	91.9	88.0	100.6	95.8	96.0
1990	333	89.1	94.8	91.9	88.1	100.7	95.5	95.3
1991	473	90.0	95.1	92.7	89.1	100.2	95.3	96.0
1992	742	90.7	95.0	92.6	89.1	100.3	95.7	96.8
1993	1051	91.5	95.4	93.5	89.8	100.4	95.4	97.4
1994	1318	91.5	96.1	94.6	90.8	100.6	95.8	97.8
1995	1803	91.4	96.5	95.1	91.3	100.2	96.1	97.6
1996	2076	92.1	96.6	96.3	92.7	99.9	95.6	98.2

1997	2546	92.5	96.9	96.6	93.1	100.0	96.4	97.8
1998	3176	92.9	97.7	97.4	93.9	100.1	96.4	97.7
1999	3124	93.4	97.7	97.4	94.1	100.1	96.2	97.9
2000	3665	94.3	97.3	96.9	93.8	100.2	97.2	97.8
2001	3954	94.7	97.9	97.5	94.4	100.1	97.0	98.4
2002	3916	95.4	98.0	98.1	95.4	99.4	97.5	98.8
2003	3902	96.0	98.1	98.5	96.0	99.3	98.0	98.4
2004	3984	96.0	98.2	98.8	96.3	98.9	98.3	98.6
2005	3882	96.1	98.4	98.9	96.5	98.5	98.8	99.3
2006	3850	96.6	98.7	99.2	96.9	98.8	99.1	99.4
2007	3808	96.8	98.6	99.2	97.1	98.8	99.4	98.9
2008	4062	97.1	98.4	99.0	96.8	99.0	99.4	98.9
2009	4093	97.7	99.0	99.4	96.8	99.6	99.8	99.0
2010	4192	98.1	98.8	99.5	97.1	99.3	100.0	99.4
2011	3954	98.2	98.8	99.5	97.3	99.2	100.2	99.2
2012	3864	98.1	98.8	99.4	97.1	99.4	100.3	99.3
2013	3885	98.3	98.9	99.6	97.6	99.2	99.9	99.3
2014	3604	98.9	99.2	99.9	98.2	99.4	99.7	99.3
2015	3532	99.5	99.2	100.3	98.3	99.4	100.0	99.4
2016	3248	100.2	99.4	100.8	99.2	99.4	100.5	99.6
2017	3011	100.4	100.2	100.6	99.2	100.3	100.5	100.0
2018	2710	101.0	100.3	101.1	100.0	100.3	100.1	100.1
2019	2558	101.2	100.6	101.1	100.4	100.1	99.9	100.2
2020	2427	101.6	100.7	101.3	100.7	100.2	99.7	100.3
2021	1493	102.0	101.9	101.6	101.3	100.7	99.7	100.7
2022	34	103.6	100.5	102.4	102.6	99.1	99.9	99.8

Tabel: 21 Red-Holstein: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1984	14	89.9	104.1	96.3	94.4	87.1
1985	23	90.0	104.0	95.7	93.2	87.8
1986	25	90.0	104.6	95.3	93.6	87.7
1987	58	89.9	104.5	95.2	93.9	87.4
1988	112	90.6	104.1	95.2	93.8	88.2
1989	225	91.2	104.6	95.0	94.3	88.9
1990	333	91.3	104.3	95.1	94.4	89.0
1991	473	91.1	105.0	94.6	94.3	88.7
1992	742	91.5	104.2	95.5	94.2	89.0
1993	1051	92.1	104.1	95.5	94.6	89.6
1994	1318	90.8	104.3	94.7	94.2	88.9
1995	1803	91.2	104.9	94.6	94.6	89.1
1996	2076	92.5	105.5	94.5	95.0	90.4
1997	2546	92.7	105.9	94.3	95.0	90.8
1998	3176	93.1	106.4	93.9	95.3	91.3

1999	3124	93.5	105.8	94.1	95.2	91.6
2000	3665	94.0	105.1	95.6	95.8	92.2
2001	3954	94.2	105.2	95.7	95.8	92.3
2002	3916	93.9	105.0	95.6	95.5	92.3
2003	3902	93.9	104.8	95.7	95.7	92.5
2004	3984	94.0	105.3	95.4	95.6	92.6
2005	3882	94.1	105.4	94.9	95.7	93.0
2006	3850	94.5	104.7	95.5	96.1	93.6
2007	3808	94.6	104.0	96.0	96.3	93.9
2008	4062	94.4	103.4	96.6	96.1	93.9
2009	4093	95.0	103.1	97.1	96.7	94.7
2010	4192	95.6	102.5	97.7	96.8	95.4
2011	3954	96.5	102.3	98.0	97.1	96.5
2012	3864	96.8	102.2	98.2	97.5	97.0
2013	3885	97.1	102.1	98.4	97.6	97.2
2014	3604	97.4	101.8	98.6	97.9	97.5
2015	3532	97.5	101.5	98.8	97.9	97.7
2016	3248	97.8	101.1	99.1	98.1	98.1
2017	3011	98.3	100.6	99.8	98.9	98.5
2018	2710	98.8	100.2	100.2	99.2	99.1
2019	2558	99.4	100.1	100.5	99.8	99.7
2020	2427	100.2	100.3	100.4	100.2	100.8
2021	1493	101.3	99.8	101.0	101.6	102.1
2022	34	101.5	100.2	100.6	100.3	102.3

Tabel: 22 Red-Holstein: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1984	14	90.2	89.4	101.5	93.1	89.3	92.9	91.3
94.4								
1985	23	91.2	89.5	100.5	93.4	88.6	92.6	90.9
93.1								
1986	25	91.6	90.0	100.3	93.0	89.3	92.9	91.5
93.0								
1987	58	90.9	89.5	100.9	93.0	89.3	92.1	90.5
93.8								
1988	112	90.5	89.8	101.5	92.9	89.1	92.4	90.9
94.3								
1989	225	90.2	90.2	101.8	92.3	89.1	92.4	91.1
94.4								
1990	333	89.7	89.6	101.9	92.1	89.1	91.9	90.6
94.4								
1991	473	90.2	89.7	101.6	92.4	89.4	92.1	90.7
94.1								

1992	742	90.8	89.7	101.0	93.1	89.6	91.9	90.9
94.3								
1993	1051	91.0	90.2	100.9	93.2	89.9	92.3	91.3
94.7								
1994	1318	90.6	91.0	99.9	92.0	89.0	92.5	91.8
93.2								
1995	1803	90.3	91.0	100.6	91.6	88.9	92.9	91.8
93.3								
1996	2076	90.5	91.5	100.8	91.6	90.0	93.5	92.3
94.5								
1997	2546	90.5	91.5	100.2	91.6	90.2	93.6	92.1
94.3								
1998	3176	90.3	92.2	100.2	91.2	90.9	94.2	92.9
94.8								
1999	3124	90.5	92.7	100.3	91.7	91.5	95.0	93.7
95.2								
2000	3665	91.5	93.1	100.1	93.2	91.8	95.5	94.3
95.5								
2001	3954	91.8	93.0	100.5	93.1	92.0	95.6	94.4
95.4								
2002	3916	91.9	93.4	100.5	93.2	92.4	96.0	94.8
95.5								
2003	3902	92.4	93.9	100.0	93.7	92.8	96.2	95.0
95.8								
2004	3984	92.1	94.2	100.4	93.1	93.2	96.7	95.7
96.0								
2005	3882	91.9	94.6	101.2	92.8	93.5	97.0	96.3
96.1								
2006	3850	92.6	95.0	100.9	93.4	93.9	97.1	96.7
96.2								
2007	3808	93.0	95.6	100.4	93.9	94.1	97.3	97.0
96.4								
2008	4062	93.3	95.8	100.1	94.4	94.4	97.5	97.2
96.5								
2009	4093	93.6	96.0	100.1	94.9	94.6	97.7	97.3
96.4								
2010	4192	94.1	96.7	99.7	95.4	95.3	98.2	98.0
96.5								
2011	3954	94.3	97.1	99.5	95.5	95.6	98.4	98.3
96.3								
2012	3864	94.8	97.0	99.5	96.0	95.9	98.7	98.4
96.6								
2013	3885	95.7	97.5	99.7	96.6	96.4	98.9	98.7
96.9								
2014	3604	96.4	97.8	99.9	97.3	96.8	99.0	98.7
97.2								
2015	3532	97.0	98.4	99.7	98.1	97.5	99.5	99.1
97.9								
2016	3248	97.6	98.9	99.4	98.8	97.7	100.0	99.5
97.9								

2017	3011	98.5	99.3	99.7	99.6	98.3	100.1	99.6
98.2								
2018	2710	99.9	100.1	99.6	100.6	99.9	100.6	99.9
99.0								
2019	2558	100.2	100.3	99.6	101.0	100.3	100.5	100.1
99.6								
2020	2427	100.8	100.4	99.9	101.5	101.0	100.7	100.2
100.3								
2021	1493	101.8	100.4	100.1	102.2	101.7	100.9	100.4
100.7								
2022	34	103.3	101.5	99.6	104.2	103.9	102.0	101.1
101.8								

Tabel: 23 Red-Holstein: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1984	14	89.1	90.9	88.3	86.6	0.0	82.1
1985	23	89.0	88.2	88.4	86.7	0.0	81.7
1986	25	90.1	89.1	89.0	86.4	0.0	82.3
1987	58	89.7	90.2	88.4	86.4	0.0	82.0
1988	112	90.1	90.5	88.2	87.4	0.0	82.7
1989	225	90.0	90.4	88.0	87.8	0.0	82.8
1990	333	89.4	90.2	87.6	88.0	0.0	82.5
1991	473	90.5	91.0	88.1	87.5	0.0	82.9
1992	742	91.4	91.1	88.5	88.1	0.0	83.7
1993	1051	92.3	92.1	88.9	88.9	0.0	84.7
1994	1318	93.0	93.4	88.1	87.9	0.0	84.2
1995	1803	93.1	93.7	87.9	88.1	0.0	84.3
1996	2076	94.2	94.8	88.7	89.2	0.0	85.8
1997	2546	94.8	95.1	88.9	89.4	0.0	86.2
1998	3176	95.4	95.8	89.1	89.7	0.0	86.8
1999	3124	95.7	96.0	89.7	90.2	0.0	87.5
2000	3665	96.7	95.8	90.6	91.3	0.0	88.8
2001	3954	97.3	96.4	90.8	91.4	0.0	89.2
2002	3916	97.9	96.7	91.1	91.3	0.0	89.6
2003	3902	98.4	97.0	91.7	91.5	0.0	90.2
2004	3984	98.6	97.0	91.6	91.5	0.0	90.2
2005	3882	99.0	97.0	91.6	91.7	0.0	90.4
2006	3850	99.5	97.5	92.1	92.5	0.0	91.3
2007	3808	99.6	97.5	92.6	92.9	0.0	91.8
2008	4062	99.6	97.5	92.9	93.0	0.0	92.1
2009	4093	100.2	97.9	93.3	93.9	0.0	93.0
2010	4192	100.5	98.0	94.0	94.7	0.0	93.9
2011	3954	100.5	98.0	94.2	95.9	0.0	94.6
2012	3864	100.5	98.0	94.7	96.3	0.0	95.1

2013	3885	100.5	98.3	95.5	96.6	0.0	95.7
2014	3604	100.9	98.8	96.2	96.9	0.0	96.4
2015	3532	101.1	99.0	97.0	97.2	0.0	97.1
2016	3248	101.2	99.5	97.6	97.6	0.0	97.7
2017	3011	101.4	100.1	98.5	98.0	0.0	98.6
2018	2710	101.6	100.5	100.1	98.6	0.0	99.9
2019	2558	101.5	100.7	100.5	99.2	0.0	100.4
2020	2427	101.4	100.9	101.2	100.2	0.0	101.3
2021	1493	101.6	101.5	102.1	101.5	0.0	102.6
2022	34	101.0	101.3	104.4	101.9	0.0	103.8

Tabel: 24 Red-Holstein: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	34	104.9	104.2	102.4	103.3	101.2	99.6	79.8	103.6
102.2									
1981	22	104.3	103.4	101.7	102.3	101.0	100.7	82.8	102.8
101.8									
1982	13	105.1	102.2	101.7	101.5	101.5	100.9	83.4	102.2
101.8									
1983	14	103.3	102.5	100.3	100.9	99.9	99.8	81.2	101.4
100.6									
1984	27	102.4	100.7	98.7	99.1	99.0	99.4	83.6	99.5
99.2									
1985	40	102.7	100.5	99.0	99.3	99.3	100.3	84.8	99.7
99.6									
1986	60	103.0	101.0	99.7	100.0	100.0	100.5	86.5	100.4
100.2									
1987	109	102.8	100.5	98.8	99.2	99.4	100.4	85.7	99.5
99.6									
1988	211	102.8	100.7	98.9	99.3	99.5	100.9	86.0	99.7
99.8									
1989	399	102.8	100.3	98.8	99.1	99.4	100.7	86.2	99.4
99.6									
1990	559	102.4	100.3	98.6	98.9	99.2	100.7	86.3	99.3
99.5									
1991	795	102.0	99.9	98.1	98.3	98.6	100.5	87.5	98.7
98.9									
1992	1225	102.0	99.8	98.2	98.4	98.7	100.5	88.6	98.8
99.0									
1993	1714	102.1	99.4	98.1	98.1	98.7	100.4	89.6	98.5
98.8									

1994	2361	102.0	99.0	97.8	97.8	98.5	100.4	89.9	98.1
98.6									
1995	3200	101.4	99.1	97.5	97.5	98.0	100.0	90.0	98.0
98.2									
1996	3669	100.7	98.4	96.6	96.4	97.1	99.9	90.8	97.1
97.4									
1997	4448	99.8	98.7	96.3	96.3	96.6	99.6	91.1	97.0
97.1									
1998	5678	99.4	98.8	96.0	96.3	96.3	99.9	91.7	96.9
97.0									
1999	5778	99.6	98.8	96.3	96.6	96.6	99.9	92.5	97.1
97.2									
2000	6473	100.2	98.0	96.5	96.3	97.1	100.1	93.0	96.8
97.3									
2001	7013	99.9	98.0	96.3	96.2	96.8	99.9	93.6	96.7
97.1									
2002	7243	99.1	98.4	96.0	96.1	96.3	99.7	94.9	96.7
96.9									
2003	7285	98.7	98.0	95.7	95.7	96.1	99.7	95.4	96.3
96.6									
2004	7403	98.8	97.6	95.5	95.4	95.9	99.4	94.8	96.0
96.3									
2005	7341	98.5	97.6	95.4	95.2	95.8	99.6	94.7	95.9
96.3									
2006	7287	98.7	97.0	95.2	94.8	95.8	99.6	95.3	95.5
96.0									
2007	7359	98.4	97.1	95.1	94.8	95.7	99.6	95.8	95.5
96.0									
2008	8220	99.0	97.0	95.5	95.0	96.2	99.7	96.3	95.7
96.3									
2009	8245	99.3	97.5	96.1	95.7	96.8	99.6	96.6	96.3
96.8									
2010	8078	99.5	97.3	96.0	95.6	96.9	99.8	96.6	96.1
96.9									
2011	7540	99.4	97.2	95.8	95.4	96.8	99.5	96.8	95.9
96.6									
2012	7524	99.6	97.4	96.3	95.8	97.3	99.7	96.7	96.4
97.1									
2013	7541	99.6	97.7	96.6	96.2	97.6	100.0	97.2	96.7
97.5									
2014	7494	99.9	98.2	97.2	96.9	98.3	100.0	97.3	97.4
98.0									
2015	7247	100.1	98.7	97.7	97.5	98.7	99.9	97.7	97.9
98.4									
2016	7031	100.1	99.0	98.2	97.9	99.1	99.9	98.6	98.3
98.8									
2017	6299	100.1	99.5	98.7	98.6	99.5	99.7	99.1	98.9
99.2									
2018	6047	100.5	100.1	99.4	99.3	100.3	100.1	99.5	99.7
100.0									

2019	5979	100.4	100.4	99.8	99.8	100.7	100.5	99.9	100.1
100.4									
2020	5715	100.0	100.6	99.8	99.9	100.7	100.4	100.2	100.2
100.4									
2021	4971	99.4	100.7	99.7	99.9	100.5	100.3	101.0	100.2
100.3									
2022	1857	99.8	100.8	100.1	100.2	101.0	100.7	101.5	100.5
100.8									

Tabel: 25 Red-Holstein: Gebruikskennmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1984	14	97.7	95.9	94.9	97.1	100.9
1985	21	98.2	96.1	94.4	97.1	101.2
1986	24	98.1	96.4	94.7	96.6	101.1
1987	58	97.7	95.6	94.7	96.8	100.9
1988	112	98.2	96.8	95.1	96.9	101.1
1989	214	97.9	96.5	94.6	96.5	100.6
1990	321	98.0	96.5	94.4	96.1	100.5
1991	445	98.4	96.9	94.7	96.2	100.3
1992	717	99.4	98.1	94.4	95.9	99.8
1993	996	99.2	97.9	94.2	95.6	99.7
1994	1245	99.7	97.6	94.3	95.4	99.6
1995	1678	99.4	97.3	94.3	95.3	99.3
1996	1925	99.1	97.1	94.4	95.0	99.3
1997	2374	99.1	97.2	94.2	94.7	98.8
1998	2950	99.1	97.0	94.2	94.5	98.0
1999	2887	98.4	96.8	94.1	94.3	97.5
2000	3460	98.5	96.7	94.9	95.5	98.6
2001	3840	98.8	96.4	94.6	95.1	98.2
2002	3864	98.7	95.8	94.0	94.3	97.6
2003	3874	98.9	96.0	94.0	94.2	97.5
2004	3956	99.0	95.9	94.1	94.0	97.0
2005	3826	99.3	96.0	94.3	94.1	97.0
2006	3782	99.5	96.7	94.5	94.3	97.2
2007	3753	99.4	96.7	94.5	94.3	97.1
2008	3979	99.1	96.8	94.9	94.5	97.3
2009	3993	98.6	97.0	95.5	95.3	98.1
2010	4050	98.6	97.1	95.7	95.4	98.0
2011	3823	98.8	97.3	96.2	95.8	98.0
2012	3769	98.8	97.5	96.8	96.3	98.2
2013	3741	99.1	98.0	97.2	96.7	98.4
2014	3455	99.3	98.7	97.5	97.0	98.4
2015	3426	99.3	98.2	98.2	97.7	99.0



2016	3128	99.3	98.4	98.8	98.3	99.6
2017	2897	99.1	98.7	99.5	98.9	99.7
2018	2591	99.6	99.3	100.2	99.7	100.0
2019	2426	99.5	99.5	101.0	100.3	100.2
2020	2293	99.6	99.9	101.4	100.6	100.2
2021	1411	99.3	100.2	102.1	101.3	100.4
2022	34	99.4	100.4	102.3	101.5	100.3

Tabel: 26 Red-Holstein: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1984	20	-325.1	-607.0	-401.5	99.1	99.2	88.3	86.6	94.5
0.0									
1985	34	-282.1	-632.9	-392.0	99.3	99.6	88.4	86.7	96.1
128.3									
1986	43	-275.6	-604.1	-417.9	99.1	100.2	89.0	86.4	95.8
134.3									
1987	99	-291.7	-609.6	-476.2	99.0	99.6	88.4	86.4	95.7
111.6									
1988	204	-291.9	-608.5	-490.4	99.2	99.8	88.2	87.4	95.6
103.4									
1989	381	-291.8	-596.1	-495.9	98.7	99.6	88.0	87.8	95.8
99.7									
1990	533	-292.5	-593.7	-490.4	98.4	99.5	87.6	88.0	95.5
105.6									
1991	763	-292.1	-561.0	-513.0	98.4	98.9	88.1	87.5	95.2
93.4									
1992	1166	-289.5	-550.5	-489.6	97.9	99.0	88.5	88.1	95.6
91.1									
1993	1636	-294.1	-545.1	-506.7	97.7	98.8	88.9	88.9	95.7
82.9									
1994	2143	-290.0	-501.6	-540.0	97.5	98.6	88.1	87.9	95.6
75.6									
1995	2897	-286.8	-487.3	-505.4	97.3	98.2	87.9	88.1	95.9
74.8									
1996	3335	-286.8	-461.9	-517.0	97.2	97.4	88.7	89.2	95.8
69.4									
1997	4078	-287.7	-442.9	-520.3	96.7	97.1	88.9	89.4	95.7
65.8									
1998	5146	-290.4	-424.7	-547.0	96.1	97.0	89.1	89.7	95.7
59.4									

1999	5248	-281.3	-409.0	-532.4	95.6	97.2	89.7	90.2	96.1
56.3									
2000	5921	-255.4	-379.6	-452.4	97.0	97.3	90.6	91.3	95.9
53.7									
2001	6360	-255.6	-360.5	-453.7	96.5	97.1	90.8	91.4	95.8
47.5									
2002	6430	-255.5	-333.2	-479.8	95.7	96.9	91.1	91.3	95.6
44.4									
2003	6502	-249.4	-314.1	-468.5	95.6	96.6	91.7	91.5	95.4
39.4									
2004	6655	-244.8	-286.4	-478.5	95.2	96.3	91.6	91.5	95.1
38.6									
2005	6630	-231.3	-259.7	-452.6	95.3	96.3	91.6	91.7	95.1
35.5									
2006	6624	-220.3	-241.2	-396.0	95.5	96.0	92.1	92.5	95.2
30.7									
2007	6633	-211.9	-230.3	-372.4	95.4	96.0	92.6	92.9	94.9
31.1									
2008	7115	-197.8	-213.0	-338.0	95.7	96.3	92.9	93.0	95.3
29.7									
2009	6951	-188.1	-216.7	-312.3	96.6	96.8	93.3	93.9	95.3
23.8									
2010	6854	-176.0	-198.7	-296.5	96.6	96.9	94.0	94.7	95.5
23.0									
2011	6372	-159.1	-169.9	-265.0	96.7	96.6	94.2	95.9	95.6
22.0									
2012	6126	-141.8	-156.4	-227.5	97.1	97.1	94.7	96.3	96.1
21.4									
2013	6077	-126.0	-140.0	-191.2	97.4	97.5	95.5	96.6	96.3
19.7									
2014	5959	-112.6	-125.0	-167.3	97.5	98.0	96.2	96.9	96.9
15.3									
2015	5755	-92.7	-108.2	-137.9	98.2	98.4	97.0	97.2	97.3
13.3									
2016	5538	-72.2	-87.8	-95.9	98.9	98.8	97.6	97.6	97.8
8.9									
2017	5013	-55.8	-64.1	-77.9	99.3	99.2	98.5	98.0	98.2
1.9									
2018	4733	-23.9	-27.5	-28.8	99.8	100.0	100.1	98.6	99.0
-1.4									
2019	4618	2.1	7.3	24.7	100.3	100.4	100.5	99.2	99.5
-2.9									
2020	4498	24.8	45.5	68.3	100.4	100.4	101.2	100.2	99.9
-6.3									
2021	3563	51.4	92.1	115.6	100.9	100.3	102.1	101.5	100.1
-10.5									
2022	159	70.3	112.3	118.7	100.9	100.8	104.4	101.9	100.5
-10.5									

Tabel: 27 Red-Holstein: Klauwgezondheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1987	14	91.3	93.2	97.6	95.9	88.9	93.9	93.7
1988	19	91.0	92.4	98.0	96.8	88.2	92.8	93.2
1989	35	91.7	93.4	97.8	96.6	89.9	93.7	93.7
1990	43	91.8	93.0	97.9	97.1	89.6	93.2	94.0
1991	87	91.1	93.3	96.9	95.7	89.9	93.0	94.5
1992	153	91.5	94.1	96.6	95.3	90.8	93.8	95.3
1993	233	91.3	93.9	96.5	95.2	90.8	93.6	95.2
1994	419	92.3	94.7	97.7	95.5	90.9	93.6	94.8
1995	554	91.7	94.2	97.4	95.3	90.8	93.6	94.3
1996	833	91.7	92.9	97.7	96.9	89.5	94.2	93.9
1997	1177	91.4	92.7	97.6	96.8	89.5	93.6	93.8
1998	2593	91.3	92.9	97.7	96.6	89.5	93.2	93.5
1999	2733	92.0	93.4	98.0	96.9	89.6	93.9	93.9
2000	3248	91.9	94.5	97.0	96.0	90.7	94.1	94.6
2001	3555	91.5	94.3	96.7	95.4	90.6	94.0	94.6
2002	3583	91.5	94.1	97.0	95.9	90.3	94.2	94.1
2003	3687	91.9	94.4	97.0	96.2	90.6	94.4	94.5
2004	3794	92.1	94.7	97.1	96.3	90.9	94.0	94.4
2005	3714	92.8	95.3	97.7	96.5	91.3	94.2	94.7
2006	3724	92.8	95.6	97.2	96.1	91.8	94.2	95.6
2007	3694	93.2	96.2	97.0	96.3	92.6	94.3	96.3
2008	3932	93.4	96.3	96.8	96.3	93.0	94.3	96.7
2009	3948	93.7	96.6	96.8	96.4	93.7	94.6	97.3
2010	4066	94.0	96.8	96.7	96.8	94.2	94.9	97.4
2011	3835	94.5	97.4	96.7	97.1	95.0	95.3	97.7
2012	3762	95.3	97.9	97.1	97.6	95.8	96.0	98.1
2013	3807	95.6	98.3	97.0	97.6	96.4	96.3	98.4
2014	3568	95.6	98.4	96.8	97.5	96.5	96.6	98.8
2015	3515	96.7	98.9	97.5	98.3	97.1	97.5	99.3
2016	3202	97.5	99.1	98.1	98.8	97.6	98.4	99.4
2017	2949	97.7	99.2	98.1	98.9	98.2	98.6	99.3
2018	2618	98.7	100.0	98.7	99.2	98.9	99.3	99.9
2019	2488	99.1	100.2	99.0	99.4	99.4	99.7	100.0
2020	2323	99.9	100.3	99.7	99.8	99.7	100.4	100.2
2021	1413	100.4	100.3	100.2	99.9	100.0	101.1	100.2
2022	30	100.8	100.9	100.3	99.8	100.4	101.2	100.9

Tabel: 28 Red-Holstein: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1984	10	93.3	98.3	93.3	98.3	91.3	96.3
1985	13	95.5	99.1	95.5	99.1	94.0	98.6
1986	15	93.8	98.8	93.8	98.8	92.6	98.1
1987	29	93.8	99.0	93.8	99.0	92.1	97.8
1988	51	93.9	99.0	93.9	99.0	92.7	97.9
1989	82	94.2	98.9	94.2	98.9	92.8	97.8
1990	106	94.0	98.8	94.0	98.8	92.4	97.9
1991	160	93.9	98.6	93.9	98.6	92.9	97.5
1992	242	93.8	98.8	93.8	98.8	92.6	97.9
1993	350	93.8	98.9	93.8	98.9	92.6	97.7
1994	460	93.9	98.9	93.9	98.9	93.4	97.6
1995	606	94.1	99.1	94.1	99.1	93.4	97.6
1996	787	94.3	98.9	94.3	98.9	93.0	97.6
1997	1083	94.4	98.8	94.4	98.8	93.2	97.7
1998	1431	94.4	99.0	94.4	99.0	93.2	97.3
1999	1581	94.7	99.3	94.7	99.3	93.3	97.9
2000	2253	95.2	98.6	95.2	98.6	93.5	98.4
2001	2677	94.9	98.6	94.9	98.6	93.4	98.6
2002	3173	94.8	98.5	94.8	98.5	93.4	98.5
2003	3872	94.9	98.2	94.9	98.2	93.4	98.4
2004	4647	94.9	97.8	94.9	97.8	93.6	98.2
2005	5385	95.0	97.8	95.0	97.8	94.0	98.3
2006	6131	95.3	97.7	95.3	97.7	94.0	98.1
2007	6221	95.5	97.3	95.5	97.3	94.3	97.7
2008	8745	96.1	97.3	96.1	97.3	94.9	97.8
2009	9059	96.1	97.4	96.1	97.4	95.3	97.7
2010	8967	96.2	97.5	96.2	97.5	95.7	97.9
2011	8510	96.5	97.4	96.5	97.4	96.4	97.9
2012	8333	97.2	97.6	97.2	97.6	97.1	98.2
2013	8255	97.5	97.5	97.5	97.5	97.7	98.1
2014	8288	97.8	98.0	97.8	98.0	98.3	98.2
2015	8002	97.8	98.5	97.8	98.5	98.6	98.7
2016	7773	97.9	98.9	97.9	98.9	99.1	98.9
2017	7032	98.3	99.0	98.3	99.0	99.5	99.0
2018	6899	98.6	99.8	98.6	99.8	99.7	99.5
2019	6720	99.1	100.0	99.1	100.0	100.1	99.9
2020	6545	99.3	100.2	99.3	100.2	100.3	100.1
2021	6457	99.5	100.3	99.5	100.3	100.3	100.2
2022	5919	99.7	100.6	99.7	100.6	100.4	100.4
2023	5680	99.8	100.8	99.8	100.8	100.4	100.4
2024	563	99.8	101.1	99.8	101.1	100.4	100.7

Tabel: 29 Red-Holstein: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	17	93.2	106.2	105.4	95.3	99.3	103.0
1985	21	96.6	104.2	102.0	97.5	98.3	98.6
1986	32	95.8	104.2	102.7	96.0	98.0	99.7
1987	60	94.9	105.5	103.9	96.1	99.0	101.7
1988	116	94.6	105.5	104.2	96.2	98.5	101.7
1989	221	94.8	105.6	104.0	95.9	98.3	101.8
1990	315	94.8	105.8	103.8	95.4	98.9	102.3
1991	388	94.1	105.4	104.3	95.6	99.0	101.6
1992	544	94.0	104.9	104.4	96.9	99.3	99.9
1993	741	94.0	104.9	104.4	97.4	99.2	99.1
1994	822	93.4	104.6	104.8	97.1	98.8	99.2
1995	1036	94.4	104.8	104.1	97.9	98.7	98.2
1996	1193	94.2	105.5	104.3	97.5	99.0	98.6
1997	1494	94.2	105.6	104.3	97.4	99.5	98.6
1998	1966	93.8	105.4	104.7	97.2	99.9	99.3
1999	1980	94.2	104.5	104.3	97.3	99.2	98.9
2000	2680	94.5	103.7	104.0	97.5	98.4	98.1
2001	3059	94.1	103.8	104.6	97.6	98.6	98.7
2002	3095	93.4	104.2	105.3	97.8	99.0	98.8
2003	3476	93.3	103.9	105.4	97.8	99.2	98.9
2004	3755	93.3	103.9	105.5	97.6	99.5	99.3
2005	3849	93.7	103.7	105.3	98.3	99.6	99.1
2006	3963	93.9	103.4	105.3	98.1	99.2	98.9
2007	4475	94.5	103.4	104.6	97.4	99.4	99.3
2008	4544	95.0	103.2	104.3	97.6	99.2	99.3
2009	5574	94.9	102.9	104.4	97.9	99.2	99.1
2010	6116	95.0	102.6	104.5	98.0	99.0	99.2
2011	5874	95.4	102.6	104.3	97.9	99.2	99.4
2012	5710	95.8	102.3	103.8	97.9	99.2	99.4
2013	5726	96.3	102.2	103.3	97.9	99.2	99.5
2014	5524	96.6	101.7	103.1	98.3	99.1	99.5
2015	5343	96.8	101.5	103.0	98.6	98.9	99.7
2016	5019	97.3	101.4	102.6	99.0	99.1	99.9
2017	4611	97.7	101.2	102.2	99.4	99.2	99.8
2018	4277	98.0	101.0	102.0	100.2	99.7	99.8
2019	4079	98.3	100.5	101.7	100.7	99.8	99.6
2020	3760	98.7	100.3	101.3	101.3	100.0	99.3
2021	3252	98.8	100.1	101.2	101.4	100.5	99.6
2022	2189	99.1	100.2	101.0	101.6	100.7	99.8
2023	2013	99.3	99.8	100.8	101.9	100.6	99.5
2024	245	99.6	99.1	100.6	102.3	100.5	99.4

Tabel: 30 Red-Holstein: Vleeskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1984	13	103.1	106.1	97.5	102.4	104.2	98.1	103.5	97.6	105.7	98.7	102.6
1985	15	102.7	106.0	95.6	101.1	104.3	96.6	103.2	97.3	105.5	97.9	100.8
1986	18	103.3	105.6	96.9	102.2	104.2	97.5	103.4	98.1	105.2	98.6	102.1
1987	38	103.8	105.8	98.0	102.8	104.4	98.3	104.4	97.2	105.6	99.2	103.5
1988	68	104.1	107.2	96.7	103.1	105.1	97.7	104.3	97.7	106.3	98.5	103.4
1989	110	104.8	107.6	97.1	103.4	105.9	98.1	104.9	97.7	106.9	99.0	104.0
1990	133	104.2	106.6	97.5	102.9	105.3	97.9	104.5	97.5	106.4	98.8	103.4
1991	225	104.1	106.1	97.8	102.7	104.6	98.2	104.2	98.3	105.9	99.0	103.2
1992	350	104.1	105.9	97.8	102.5	104.6	98.3	104.1	98.4	105.8	98.9	103.1
1993	485	104.1	105.4	98.0	102.7	104.5	98.3	104.2	98.4	105.6	99.0	103.2
1994	645	104.1	106.0	97.8	103.2	104.2	98.7	104.0	98.9	105.8	99.0	104.2
1995	912	103.6	105.4	98.8	102.6	103.6	99.3	103.4	99.0	105.2	99.6	103.5
1996	1183	103.2	104.9	99.4	102.6	103.2	99.6	103.3	98.3	105.2	99.7	103.5
1997	1610	102.9	104.6	99.1	102.5	102.9	99.5	102.8	98.8	104.7	99.4	103.0
1998	2269	102.6	103.9	99.1	102.4	102.1	99.3	102.7	99.0	103.8	98.9	102.8
1999	2539	102.3	103.7	98.9	102.5	101.8	99.3	102.4	98.8	103.5	98.9	102.6
2000	3717	102.1	102.9	99.1	102.1	101.6	99.7	101.9	99.7	103.1	99.2	102.0
2001	5053	102.1	102.6	99.8	102.2	101.4	100.1	101.8	99.8	102.8	99.7	102.1
2002	5484	102.4	102.0	100.3	102.3	101.2	99.9	102.3	100.1	102.2	99.9	102.1
2003	5937	102.2	101.4	100.6	101.9	101.0	99.9	102.2	100.1	101.7	99.9	101.7
2004	6172	102.2	100.9	100.7	101.7	101.1	99.7	102.0	100.4	101.5	99.5	101.7
2005	6135	101.9	100.3	101.1	101.4	100.9	99.7	101.8	100.3	101.3	99.5	101.7

2006	6256	101.7	99.9	101.1	101.1	100.5	99.8	101.6	100.3	100.8	99.7
101.2											
2007	6343	101.0	99.7	101.1	100.7	100.0	100.1	101.1	99.9	100.3	100.0
100.5											
2008	7016	100.9	99.4	101.0	100.5	99.8	100.2	101.0	100.0	100.1	100.1
100.2											
2009	6977	100.6	99.9	100.3	101.1	99.7	100.3	101.0	99.2	100.1	99.9
100.4											
2010	6902	100.5	99.2	100.6	100.6	99.6	100.1	100.8	99.4	99.8	99.9
100.1											
2011	6358	100.3	98.6	100.8	100.0	99.5	100.0	100.6	99.5	99.5	99.8
99.8											
2012	6139	100.4	98.6	100.9	99.8	99.7	100.0	100.7	99.4	99.7	99.9
99.8											
2013	5927	100.5	98.1	101.3	99.6	99.8	100.0	100.9	99.2	99.5	100.1
99.8											
2014	5325	100.4	97.7	101.8	99.6	99.7	100.1	101.0	99.0	99.2	100.5
99.8											
2015	4759	100.1	97.3	102.0	99.5	99.2	100.4	100.8	98.8	98.9	100.7
99.5											
2016	4035	99.8	97.0	101.9	99.5	98.8	100.5	100.7	98.5	98.5	100.8
99.3											
2017	3339	100.1	97.3	101.9	100.0	99.0	100.5	101.0	98.6	98.6	101.0
99.7											
2018	2778	100.3	96.9	102.1	100.1	98.9	100.7	101.2	98.7	98.4	101.4
99.8											
2019	2497	100.3	96.6	102.7	99.7	99.0	100.7	101.2	98.6	98.3	101.5
99.7											
2020	2350	100.4	96.3	103.0	99.6	99.0	100.6	101.4	98.6	98.2	101.8
99.7											
2021	1411	100.7	96.4	103.6	100.0	99.0	100.7	101.8	98.5	98.2	101.9
100.4											
2022	26	100.3	95.3	103.7	98.9	98.8	100.5	101.5	98.4	97.6	102.2
99.2											

Tabel: 31 Red-Holstein: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1985	11	98.1	99.2	98.3
1986	12	97.3	98.6	97.8
1987	21	96.9	98.3	97.0
1988	23	97.5	99.0	98.0
1989	33	96.9	98.5	97.1
1990	45	96.8	98.2	96.8

1991	58	96.7	98.3	97.5
1992	68	96.3	98.0	97.2
1993	107	96.5	98.3	97.2
1994	136	97.0	98.7	97.6
1995	136	96.9	98.6	97.1
1996	193	96.8	98.9	96.2
1997	254	96.8	98.6	96.8
1998	308	97.0	98.6	97.3
1999	320	97.3	98.9	97.6
2000	448	97.1	98.7	97.6
2001	529	97.4	98.9	97.8
2002	570	97.5	99.0	97.7
2003	667	97.7	99.1	97.8
2004	721	98.0	99.2	98.1
2005	763	98.0	99.0	98.4
2006	822	98.1	99.3	98.1
2007	827	98.1	99.1	98.0
2008	952	97.9	99.1	98.0
2009	959	98.2	98.8	98.7
2010	957	97.9	98.7	98.3
2011	970	97.9	98.7	98.2
2012	908	98.4	99.2	98.6
2013	974	98.6	99.2	98.8
2014	854	98.3	99.0	98.8
2015	899	98.8	99.3	99.1
2016	688	99.3	99.7	99.5
2017	612	99.7	100.0	99.7
2018	365	99.9	100.0	99.7
2019	262	100.2	100.0	100.1
2020	186	100.0	99.7	100.0
2021	89	99.8	99.4	100.0
2022	14	100.7	99.3	100.6

Tabel: 32 Red-Holstein: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	6327	-4261.8	-16797.0	-724.9	-611.9
2002	6422	-4322.5	-17002.2	-737.6	-619.6
2003	6490	-4213.1	-16571.0	-719.9	-603.9
2004	6653	-4199.6	-16499.3	-717.9	-601.9
2005	6627	-3999.8	-15552.4	-688.8	-571.2
2006	6622	-3669.4	-14111.6	-636.0	-522.3
2007	6637	-3523.0	-13653.8	-608.7	-502.1
2008	7123	-3294.2	-12780.4	-571.0	-468.5
2009	7065	-3163.8	-12180.6	-551.3	-448.7



2010	6998	-3026.4	-11665.4	-529.4	-428.1
2011	6527	-2770.9	-10680.9	-484.9	-391.8
2012	6406	-2516.4	-9670.8	-441.6	-355.3
2013	6354	-2255.7	-8674.3	-396.5	-318.1
2014	6245	-2057.7	-7888.2	-362.9	-289.7
2015	6024	-1826.2	-7019.6	-324.1	-256.0
2016	5797	-1505.6	-5672.9	-271.4	-209.2
2017	5203	-1301.0	-4830.0	-237.8	-179.4
2018	4914	-858.9	-3032.0	-161.0	-116.9
2019	4792	-386.1	-1380.8	-71.9	-52.7
2020	4643	37.0	242.1	4.5	5.9
2021	3359	506.0	1939.3	94.4	68.5
2022	118	540.6	2165.3	96.2	75.3

Tabel: 33 Red-Holstein: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1987	14	97.6	83.9	102.2	89.2
1988	17	95.6	84.4	102.4	88.2
1989	23	97.8	84.6	102.1	90.1
1990	30	97.3	85.9	101.6	89.8
1991	36	96.8	85.0	102.6	89.8
1992	60	97.4	84.7	102.3	90.0
1993	87	97.1	84.6	102.2	89.3
1994	129	97.4	81.3	102.8	88.5
1995	148	97.4	83.0	102.6	89.1
1996	198	97.7	83.0	102.8	89.5
1997	260	97.5	82.8	102.2	88.7
1998	335	97.6	82.8	102.5	88.9
1999	339	97.1	83.6	102.4	88.8
2000	478	96.8	84.2	101.8	88.7
2001	584	97.0	84.5	101.7	88.8
2002	627	96.9	84.6	101.5	88.5
2003	674	97.1	85.1	101.4	88.9
2004	718	97.3	85.7	101.6	89.4
2005	810	97.8	85.9	101.6	89.9
2006	843	97.9	86.8	101.0	90.1
2007	879	98.0	87.2	101.0	90.4
2008	1035	97.8	87.6	101.0	90.5
2009	1115	97.1	88.2	101.2	90.7
2010	1279	97.6	89.0	101.0	91.3
2011	1361	98.0	90.0	100.5	92.0
2012	1402	98.3	91.0	100.3	92.8
2013	1563	98.8	92.1	100.2	93.9
2014	1488	99.0	93.6	100.3	95.1

2015	1648	99.5	94.8	100.2	96.2
2016	1490	99.4	96.5	100.3	97.3
2017	1357	99.5	97.8	99.2	97.5
2018	1193	100.1	99.1	99.0	98.8
2019	1091	99.8	100.4	99.5	99.8
2020	1081	99.9	100.8	99.1	99.8
2021	944	99.1	101.7	99.5	100.0
2022	65	98.6	101.1	99.1	99.0

Tabel: 34 Red-Holstein: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1984	20	95.5	98.7	0	0.0	0.0	0	0.0
1985	34	93.8	98.0	25	-6.0	128.3	0	0.0
1986	43	93.3	98.2	26	-5.8	134.3	0	0.0
1987	99	93.8	98.2	59	-5.6	111.6	0	0.0
1988	204	92.9	97.8	112	-5.4	103.4	0	0.0
1989	381	93.4	97.7	228	-5.4	99.7	0	0.0
1990	533	93.6	98.0	336	-5.4	105.6	0	0.0
1991	763	93.3	97.7	476	-5.0	93.4	0	0.0
1992	1166	93.3	97.8	749	-4.9	91.1	0	0.0
1993	1636	92.8	97.5	1056	-4.7	82.9	0	0.0
1994	2143	92.5	97.8	1322	-4.3	75.6	0	0.0
1995	2897	93.4	97.9	1808	-4.2	74.8	0	0.0
1996	3335	93.4	97.4	2078	-3.9	69.4	0	0.0
1997	4078	93.4	97.4	2551	-3.8	65.8	0	0.0
1998	5146	93.1	97.3	3176	-3.6	59.4	0	0.0
1999	5248	93.5	97.6	3128	-3.4	56.3	0	0.0
2000	5921	94.1	98.2	3668	-3.2	53.7	0	0.0
2001	6360	94.4	98.2	3962	-3.0	47.5	3953	96.2
2002	6430	94.1	97.7	3922	-2.7	44.4	3916	96.4
2003	6502	94.2	97.5	3910	-2.6	39.4	3901	96.6
2004	6655	94.3	97.4	3993	-2.4	38.6	3984	96.6
2005	6630	94.8	97.4	3896	-2.2	35.5	3881	96.7
2006	6624	95.4	97.8	3864	-2.0	30.7	3850	97.3
2007	6633	95.6	98.0	3832	-1.9	31.1	3806	97.2
2008	7115	95.7	98.4	4101	-1.8	29.7	4062	97.3
2009	6951	95.5	98.7	4140	-1.7	23.8	4092	98.1
2010	6854	95.7	98.6	4253	-1.6	23.0	4191	98.1
2011	6372	96.2	98.7	4048	-1.4	22.0	3951	98.1
2012	6126	96.4	99.0	3990	-1.3	21.4	3863	98.2
2013	6077	96.7	99.1	4017	-1.2	19.7	3885	98.3
2014	5959	97.1	99.1	3828	-1.0	15.3	3602	98.8
2015	5755	97.5	99.4	3842	-0.9	13.3	3529	99.1
2016	5538	98.0	99.5	3658	-0.7	8.9	3247	99.5

2017	5013	98.5	99.8	3417	-0.4	1.9	3008	100.5
2018	4733	99.2	100.2	3259	-0.1	-1.4	2710	100.8
2019	4618	99.8	100.6	3203	0.2	-2.9	2556	101.0
2020	4498	100.6	100.8	3136	0.5	-6.3	2426	101.2
2021	3563	101.3	101.1	2602	1.0	-10.5	1493	102.2
2022	159	101.9	101.5	1866	1.3	-10.5	34	101.6
2023	0	0.0	0.0	1742	1.4	-8.2	0	0.0
2024	0	0.0	0.0	115	1.7	-10.4	0	0.0

Tabel: 35 Red-Holstein: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	12	99.0	2	97.0	2	97.5	12	93.5
1987	19	98.7	5	97.6	4	94.8	19	94.6
1988	33	99.4	2	96.5	2	99.5	33	94.3
1989	51	99.2	6	96.8	5	95.4	51	94.0
1990	71	99.0	11	96.5	11	95.1	71	94.0
1991	106	98.8	19	97.3	18	97.4	106	93.6
1992	161	99.2	10	98.0	10	94.8	161	93.6
1993	243	99.1	20	96.8	19	96.5	243	93.5
1994	327	98.9	46	98.6	46	95.6	327	93.2
1995	420	99.2	38	99.4	35	95.7	420	93.6
1996	531	98.9	57	98.0	42	95.8	531	93.1
1997	717	98.5	88	97.0	76	95.9	717	92.5
1998	941	98.4	147	97.4	119	97.6	941	92.0
1999	1008	98.8	129	98.6	107	97.4	1008	93.1
2000	1426	99.6	222	100.5	209	97.7	1426	94.0
2001	1680	99.9	228	100.7	209	97.5	1680	94.2
2002	1880	99.4	312	100.4	301	96.9	1880	94.1
2003	2316	99.5	368	100.6	350	96.9	2316	94.4
2004	2596	99.2	356	99.7	343	97.2	2596	94.0
2005	3009	98.5	403	98.9	389	97.0	3009	93.7
2006	3391	98.7	488	99.2	479	97.1	3391	94.0
2007	3914	98.8	483	99.5	458	97.5	3914	94.3
2008	4797	99.3	603	100.0	588	97.7	4797	94.6
2009	5544	99.7	608	100.2	585	97.6	5544	95.6
2010	6522	99.7	648	100.4	642	97.8	6522	95.6
2011	6155	99.6	672	100.3	671	98.0	6155	95.8
2012	5994	99.4	687	99.9	683	98.0	5994	96.0
2013	5945	99.3	754	99.8	746	98.1	5945	96.4
2014	5800	99.6	671	100.1	666	98.2	5800	97.3
2015	5559	99.9	701	100.2	702	98.3	5559	98.0
2016	5375	100.2	520	100.7	515	98.6	5375	98.4
2017	4863	100.3	408	100.7	404	99.1	4863	98.8
2018	4614	100.5	273	100.7	269	99.7	4614	99.2

2019	4488	100.7	182	100.7	185	100.0	4488	99.8
2020	4298	100.6	135	100.6	142	100.1	4298	100.3
2021	3252	100.4	57	100.8	64	99.8	3252	100.7
2022	149	100.3	3	101.7	3	99.0	149	101.0

Tabel: 36 Red-Holstein: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1987	11	99.4	98.0	100.4	98.8	98.9	97.5
1989	18	99.7	98.4	100.5	98.8	99.7	98.3
1990	18	99.4	98.3	100.0	98.8	99.2	97.7
1991	30	100.8	99.7	101.1	100.3	99.8	98.6
1992	34	100.5	99.1	100.9	99.8	99.9	98.5
1993	54	100.1	98.7	100.7	99.4	99.5	98.3
1994	80	100.9	100.0	101.7	100.0	99.5	98.9
1995	65	99.6	98.4	100.3	98.9	98.8	97.6
1996	120	99.0	97.9	99.9	98.5	99.0	97.2
1997	157	99.4	98.0	99.9	99.0	99.0	97.6
1998	213	99.4	98.1	100.0	98.9	98.8	97.9
1999	211	99.9	98.6	100.4	99.5	99.1	97.8
2000	312	100.0	99.2	100.5	99.5	98.2	97.9
2001	369	100.2	99.3	100.6	99.5	98.9	98.3
2002	429	99.7	98.4	100.3	99.0	99.1	98.4
2003	475	99.9	98.9	100.4	99.0	99.4	98.7
2004	499	99.9	99.0	100.2	99.1	99.4	98.3
2005	519	100.3	99.3	100.4	99.7	99.7	98.3
2006	582	100.9	100.2	100.8	100.1	99.8	99.1
2007	598	101.2	100.7	101.2	100.1	100.0	99.5
2008	676	101.5	101.0	101.6	100.2	100.2	100.0
2009	679	101.7	101.2	101.5	100.5	100.2	99.9
2010	727	101.7	101.3	101.5	100.6	100.3	99.8
2011	740	101.4	101.0	100.9	100.5	100.0	99.5
2012	741	101.3	100.7	100.7	100.5	99.9	99.5
2013	811	101.4	100.7	100.6	100.6	100.1	99.6
2014	715	101.3	100.5	100.7	100.6	100.0	99.4
2015	774	101.0	99.9	100.6	100.2	100.3	99.4
2016	599	100.7	99.6	100.4	100.0	100.1	99.2
2017	457	101.1	99.7	100.5	100.3	101.0	100.1
2018	301	100.7	98.9	100.4	99.9	101.3	100.0
2019	217	101.0	99.2	100.6	99.9	101.8	100.4
2020	169	101.1	99.3	100.7	100.0	101.9	100.6
2021	79	101.0	99.0	100.7	99.9	101.9	100.4

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	155	-3409.7	-123.7	-118.2	-155.2	39.2	1.1	0.9	-791.2
1981	298	-3403.1	-124.4	-118.2	-154.9	37.2	0.9	0.9	-792.4
1982	357	-3391.5	-123.6	-118.5	-154.4	37.9	-0.2	0.9	-791.5
1983	658	-3323.4	-120.8	-116.8	-151.3	37.2	-1.5	0.9	-778.0
1984	657	-3260.6	-116.3	-115.2	-148.4	40.4	-2.5	0.9	-761.2
1985	899	-3333.1	-116.9	-116.1	-151.7	45.8	0.6	0.9	-767.1
1986	868	-3166.6	-108.9	-110.7	-144.1	46.1	-0.1	0.9	-725.8
1987	923	-3030.4	-105.4	-106.6	-137.9	41.2	-1.2	0.8	-699.8
1988	1000	-2890.5	-101.3	-101.9	-131.5	37.1	-1.6	0.8	-670.2
1989	1041	-2801.3	-97.2	-99.9	-127.4	37.1	-3.2	0.8	-651.8
1990	895	-2645.6	-88.4	-94.0	-120.3	39.7	-2.4	0.8	-607.3
1991	834	-2451.1	-81.3	-86.9	-111.4	36.9	-1.9	0.7	-560.6
1992	1081	-2276.7	-77.0	-81.9	-103.5	31.0	-3.5	0.7	-528.4
1993	850	-2163.5	-75.3	-78.7	-98.3	25.7	-4.5	0.7	-510.1
1994	583	-2040.8	-69.0	-74.2	-92.7	27.0	-4.1	0.7	-476.9
1995	582	-1786.8	-61.2	-66.6	-81.1	21.8	-5.7	0.7	-425.7
1996	470	-1677.0	-59.5	-63.3	-76.1	17.1	-6.5	0.6	-407.3
1997	293	-1725.2	-62.9	-65.3	-78.3	15.7	-6.8	0.6	-423.3
1998	231	-1666.4	-62.1	-63.0	-75.6	13.5	-6.3	0.6	-411.5
1999	206	-1688.2	-64.1	-63.8	-76.6	11.5	-6.5	0.7	-419.3
2000	198	-1453.2	-62.0	-58.6	-66.1	0.5	-10.2	0.3	-390.2
2001	171	-1381.0	-58.2	-54.6	-63.7	1.9	-8.0	-0.7	-365.3
2002	150	-1429.6	-56.6	-54.8	-64.7	6.9	-6.0	0.8	-363.2
2003	154	-1327.7	-52.9	-51.5	-60.1	5.6	-6.5	0.8	-340.3
2004	114	-1116.3	-50.0	-46.9	-51.6	-2.6	-9.9	-0.9	-312.8
2005	112	-1121.8	-51.1	-46.9	-51.2	-3.7	-9.7	0.2	-314.8
2006	108	-1129.1	-49.0	-44.0	-49.7	-0.8	-5.8	2.5	-298.3
2007	87	-931.4	-44.1	-38.1	-42.1	-4.7	-6.7	0.4	-261.4
2008	64	-961.1	-47.1	-41.6	-42.2	-6.6	-9.6	2.1	-282.1
2009	58	-1014.8	-50.9	-41.3	-44.2	-8.6	-7.0	2.8	-289.7
2010	34	-788.2	-47.8	-37.9	-33.2	-16.8	-12.5	3.7	-265.7
2011	33	-615.2	-37.7	-31.9	-22.9	-13.7	-12.5	6.5	-216.7
2012	28	-852.5	-41.5	-36.3	-34.4	-5.6	-7.4	5.8	-246.3
2013	24	-869.1	-40.7	-36.2	-35.4	-4.0	-7.3	5.3	-244.7
2014	24	-668.4	-39.1	-31.7	-28.7	-11.5	-9.6	2.4	-220.6
2015	25	-826.6	-41.1	-34.6	-32.2	-5.7	-6.1	7.2	-238.0
2016	15	-499.0	-20.2	-21.2	-13.9	2.5	-3.9	11.7	-133.5
2017	11	-676.1	-22.2	-21.8	-25.9	9.0	2.2	6.4	-143.9
2018	14	-242.7	-12.7	-15.2	-6.2	-1.5	-6.7	5.8	-91.0
2019	10	-379.3	-23.7	-19.8	-7.1	-6.6	-7.4	12.8	-133.0
2020	11	-294.2	-11.5	-13.5	-11.0	2.5	-3.3	2.9	-83.3
2021	11	-463.5	-17.8	-14.5	-22.5	3.5	2.6	-1.7	-103.8

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	54	79.7	94.5	83.5	78.2	106.1	95.5	95.1
1981	96	80.6	94.7	84.3	79.1	106.0	96.3	95.7
1982	122	81.2	94.3	84.4	79.8	105.0	95.8	95.7
1983	238	81.6	94.2	84.9	80.2	104.9	95.2	95.4
1984	235	82.1	93.9	85.0	80.7	104.5	95.7	95.3
1985	299	82.3	94.2	84.9	80.5	105.0	95.6	95.2
1986	305	83.0	93.8	85.6	81.5	104.2	96.1	95.3
1987	310	84.2	93.9	86.8	82.6	103.4	95.6	95.6
1988	348	84.8	94.2	88.0	83.4	103.0	95.2	96.1
1989	456	84.7	93.8	87.8	83.6	102.5	95.1	95.6
1990	401	85.6	93.1	88.2	84.3	101.8	96.3	95.9
1991	409	86.5	93.5	88.8	85.6	100.9	96.9	95.7
1992	531	87.4	94.2	89.8	86.7	100.7	97.1	95.5
1993	398	87.8	94.7	89.9	87.2	100.6	97.3	95.2
1994	279	87.9	94.7	90.3	87.5	100.2	97.0	95.5
1995	293	89.0	95.5	91.2	88.9	99.7	97.3	94.8
1996	234	89.2	95.4	91.2	89.2	99.6	97.7	94.6
1997	137	89.1	95.0	91.4	89.1	99.8	97.7	94.7
1998	128	89.8	95.0	92.0	89.9	99.4	97.4	95.2
1999	92	90.2	95.2	92.8	90.6	99.2	97.6	96.0
2000	96	90.3	95.0	92.7	90.5	98.9	97.6	96.4
2001	85	90.9	95.4	93.1	91.6	99.1	98.1	96.5
2002	70	91.2	94.8	93.2	91.8	98.5	98.4	96.4
2003	77	91.2	94.7	92.9	91.7	98.4	97.9	96.2
2004	55	92.1	94.6	94.0	92.6	97.4	98.2	95.9
2005	53	91.5	95.4	93.8	92.2	98.8	99.3	95.6
2006	54	93.0	96.1	94.4	92.0	99.3	99.6	97.1
2007	34	93.4	96.2	94.7	92.7	99.2	100.4	96.8
2008	21	94.1	97.4	95.0	92.2	100.7	98.9	99.7
2009	25	92.4	96.2	93.6	91.2	100.5	98.7	97.6
2010	23	94.7	96.7	95.2	93.9	100.3	100.0	98.7
2011	18	93.3	95.3	94.8	93.9	99.4	99.0	97.7
2012	14	94.8	96.1	96.5	94.8	99.1	98.1	98.1
2013	14	95.6	98.0	95.6	93.7	101.2	98.6	99.0
2014	18	97.1	96.7	97.3	95.6	100.0	99.6	98.6
2015	15	95.3	95.9	95.6	95.1	98.5	99.7	98.6

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	54	88.5	100.8	97.6	87.5	83.8
1981	96	89.7	100.8	98.0	88.8	85.2
1982	122	89.5	100.9	97.9	89.2	85.0
1983	238	90.1	101.7	97.2	90.1	85.8
1984	235	90.2	101.8	97.1	90.7	86.1
1985	299	90.5	102.0	97.0	90.9	86.4
1986	305	90.7	102.5	96.7	91.6	86.7
1987	310	90.7	102.6	96.5	91.7	86.8
1988	348	91.2	102.9	96.3	92.1	87.2
1989	456	91.7	103.0	96.2	92.2	88.1
1990	401	91.8	103.3	96.2	92.8	88.4
1991	409	91.7	104.0	95.6	93.7	89.0
1992	531	91.6	104.3	95.2	94.1	89.1
1993	398	91.0	104.5	94.8	94.2	89.0
1994	279	91.6	104.7	94.8	94.3	89.4
1995	293	91.0	105.1	94.3	94.8	89.5
1996	234	91.3	105.2	94.2	94.8	89.8
1997	137	91.8	104.5	94.7	94.1	90.2
1998	128	92.5	103.6	95.6	94.1	90.8
1999	92	92.8	104.0	95.6	94.0	91.0
2000	96	92.6	103.5	95.6	93.3	90.9
2001	85	93.5	103.3	95.8	94.6	92.0
2002	70	92.7	103.1	95.9	93.7	91.4
2003	77	94.1	103.3	95.5	94.4	92.4
2004	55	92.9	103.6	96.2	94.2	91.3
2005	53	93.7	103.4	96.8	94.1	92.0
2006	54	93.5	102.6	97.5	94.2	92.2
2007	34	94.0	102.2	97.8	93.3	92.7
2008	21	94.7	103.2	98.0	94.1	93.0
2009	25	95.1	101.4	98.4	94.0	93.4
2010	23	95.0	103.0	97.5	95.3	94.2
2011	18	93.8	102.7	97.4	94.7	92.7
2012	14	94.7	102.2	97.5	94.7	92.9
2013	14	96.1	101.3	99.3	95.6	94.0
2014	18	94.6	101.2	98.1	94.6	92.9
2015	15	96.2	102.1	98.6	93.9	93.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								

1980	54	86.8	85.6	99.8	88.6	81.1	87.2	86.6
88.1								
1981	96	86.5	85.5	100.1	88.7	81.9	88.1	87.3
89.0								
1982	122	86.9	86.3	99.9	89.4	82.4	88.4	88.0
89.9								
1983	238	87.2	86.3	100.4	89.6	82.9	88.9	88.2
90.2								
1984	235	87.4	86.5	100.4	89.6	83.6	89.0	88.4
90.6								
1985	299	87.9	86.6	100.1	90.2	83.4	88.7	88.2
90.3								
1986	305	88.1	87.3	100.0	90.2	84.0	89.9	89.1
90.4								
1987	310	88.0	87.1	100.4	89.9	84.6	89.8	89.0
90.5								
1988	348	88.4	87.6	100.1	90.0	85.2	90.6	89.5
90.5								
1989	456	88.5	87.8	100.2	89.7	85.6	90.9	89.7
90.6								
1990	401	89.2	89.4	99.5	90.6	86.1	92.5	91.5
91.3								
1991	409	89.4	89.9	100.6	91.0	87.3	93.2	92.2
92.8								
1992	531	89.6	89.6	101.2	90.8	87.8	93.1	91.8
93.0								
1993	398	89.5	89.4	101.5	90.9	88.4	93.0	91.8
94.1								
1994	279	89.5	89.7	101.6	90.7	88.5	93.2	92.2
94.2								
1995	293	90.1	89.8	102.7	90.9	89.9	93.6	92.7
95.5								
1996	234	90.1	89.9	102.5	91.0	89.9	93.7	92.7
95.5								
1997	137	90.0	90.2	102.1	90.8	89.7	93.8	92.9
95.4								
1998	128	91.1	91.6	100.9	92.0	89.8	94.6	94.3
95.0								
1999	92	91.0	91.9	101.5	91.2	89.6	94.5	94.6
94.9								
2000	96	90.7	91.8	101.0	91.3	89.8	94.4	94.4
95.0								
2001	85	91.0	92.0	101.4	91.4	91.0	94.9	95.0
96.2								
2002	70	91.4	93.1	102.1	91.6	90.6	94.5	95.1
95.7								
2003	77	91.6	93.1	101.6	92.3	91.6	95.2	95.5
97.1								
2004	55	91.5	92.2	101.4	91.8	91.0	94.7	94.7
96.5								



2005	53	91.6	92.3	101.2	91.5	91.4	95.1	95.3
96.9								
2006	54	92.8	94.2	101.0	92.4	92.3	95.5	96.4
96.3								
2007	34	92.7	94.8	101.3	92.5	91.9	95.6	97.0
96.2								
2008	21	93.0	93.3	101.5	93.0	91.6	96.2	96.4
95.8								
2009	25	92.4	94.0	101.1	93.3	92.0	95.8	96.2
95.9								
2010	23	93.9	95.0	100.9	94.0	93.2	96.7	97.2
97.0								
2011	18	93.4	95.3	100.3	94.0	93.6	97.3	97.7
97.1								
2012	14	95.0	97.2	99.3	96.0	94.7	98.4	99.4
97.4								
2013	14	94.3	95.5	100.2	96.1	92.6	96.2	97.4
96.0								
2014	18	95.7	97.5	100.6	95.9	95.3	98.0	99.4
97.4								
2015	15	95.0	94.3	100.9	96.3	93.8	96.5	97.3
97.1								

Tabel: 41 Holstein - Fries Hollands zwartbont: Exterieurkenmerken  
bovenbalk

Basis: Melkdoel zwart

Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	54	80.5	85.5	80.4	84.2	0.0	73.2
1981	96	81.8	86.3	81.0	85.5	0.0	74.7
1982	122	81.8	85.9	81.7	85.4	0.0	75.0
1983	238	81.8	86.1	82.2	86.0	0.0	75.6
1984	235	82.2	86.1	82.7	86.2	0.0	76.1
1985	299	82.3	86.2	82.8	86.5	0.0	76.4
1986	305	83.2	86.3	83.4	86.8	0.0	77.1
1987	310	84.2	86.9	83.7	86.7	0.0	77.6
1988	348	85.1	87.5	84.5	87.1	0.0	78.6
1989	456	84.9	87.0	84.6	87.9	0.0	79.0
1990	401	86.2	86.9	85.7	88.2	0.0	80.1
1991	409	87.1	87.4	86.5	88.4	0.0	80.9
1992	531	88.1	88.5	87.0	88.3	0.0	81.6
1993	398	88.4	88.8	87.1	87.9	0.0	81.6
1994	279	88.6	88.9	87.1	88.5	0.0	82.0
1995	293	89.5	90.0	88.1	88.2	0.0	82.8
1996	234	89.8	89.9	88.2	88.5	0.0	83.1
1997	137	89.9	90.0	88.1	89.1	0.0	83.4

1998	128	90.7	90.5	88.9	90.0	0.0	84.6
1999	92	91.7	91.3	88.5	90.1	0.0	84.9
2000	96	92.0	91.2	88.5	90.1	0.0	85.0
2001	85	92.8	92.3	89.2	91.2	0.0	86.4
2002	70	93.3	91.9	89.3	90.6	0.0	86.1
2003	77	92.8	91.5	90.0	91.7	0.0	86.9
2004	55	94.1	91.8	89.6	90.6	0.0	86.6
2005	53	93.6	92.4	89.7	91.5	0.0	87.0
2006	54	95.5	93.1	90.9	91.7	0.0	88.4
2007	34	96.1	93.7	90.6	92.4	0.0	88.9
2008	21	97.0	95.2	91.0	92.8	0.0	89.8
2009	25	95.0	93.4	90.8	93.2	0.0	89.0
2010	23	96.6	95.7	92.3	93.6	0.0	90.9
2011	18	95.5	94.2	92.4	92.0	0.0	89.3
2012	14	96.9	95.3	94.0	92.2	0.0	91.1
2013	14	97.6	96.4	92.5	94.1	0.0	91.6
2014	18	98.1	96.8	94.5	92.6	0.0	92.2
2015	15	96.8	94.9	93.3	93.5	0.0	91.3

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

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	705	105.3	103.2	102.2	103.5	100.3	97.6	79.0	103.0
101.0									
1981	918	104.8	103.4	102.1	103.4	100.1	97.7	79.5	103.1
101.0									
1982	1207	105.3	102.7	102.1	103.0	100.4	97.6	80.1	102.7
100.9									
1983	1545	104.8	102.6	101.6	102.5	99.8	97.4	79.8	102.3
100.5									
1984	1268	104.6	102.2	101.2	102.1	99.7	97.6	80.2	101.9
100.2									
1985	1528	105.3	102.1	101.8	102.5	100.1	97.7	80.5	102.2
100.6									
1986	1267	104.0	101.6	100.7	101.6	99.3	97.2	81.5	101.3
99.7									
1987	1059	103.4	101.3	100.1	101.0	98.8	98.1	82.6	100.8
99.5									
1988	1094	103.5	100.5	99.7	100.4	98.7	98.6	83.0	100.1
99.2									
1989	1145	103.1	100.2	99.3	99.9	98.3	98.5	83.8	99.7
98.8									

1990	981	103.1	100.1	99.5	100.0	98.6	99.2	84.5	99.7
99.1									
1991	895	102.5	99.7	98.9	99.5	98.1	99.2	85.3	99.1
98.7									
1992	1145	101.9	99.4	98.4	99.0	97.8	99.6	86.6	98.7
98.4									
1993	929	101.6	99.4	98.3	98.9	97.6	99.5	87.1	98.6
98.3									
1994	631	101.7	98.6	98.0	98.3	97.5	99.3	87.4	98.1
98.0									
1995	628	101.1	97.8	97.1	97.3	96.9	99.2	88.2	97.0
97.2									
1996	513	100.7	97.8	96.9	97.2	96.7	99.1	89.0	97.0
97.1									
1997	319	100.9	98.1	97.3	97.5	96.8	98.2	88.8	97.4
97.1									
1998	248	100.7	98.0	97.1	97.2	96.6	98.4	89.8	97.1
96.9									
1999	232	100.5	97.9	96.9	97.0	96.4	98.7	89.5	97.0
96.9									
2000	217	100.0	97.8	96.2	96.6	95.6	98.3	90.8	96.5
96.3									
2001	191	100.1	97.6	96.6	96.6	96.0	97.7	90.9	96.6
96.3									
2002	162	100.2	97.5	96.5	96.6	96.0	98.3	91.3	96.5
96.4									
2003	172	100.5	97.1	96.5	96.3	96.4	98.8	91.1	96.4
96.6									
2004	128	100.7	96.4	96.2	95.7	96.3	99.5	91.1	95.8
96.4									
2005	118	100.1	96.7	96.0	95.8	95.8	97.8	91.4	95.8
95.9									
2006	121	99.3	97.3	95.5	96.0	95.1	95.9	90.4	95.8
95.2									
2007	100	99.6	97.0	95.5	95.9	95.2	96.4	90.9	95.7
95.2									
2008	78	99.6	97.4	95.9	96.2	95.6	96.6	91.0	96.2
95.7									
2009	67	99.9	98.2	97.0	97.4	96.5	97.9	92.5	97.2
96.9									
2010	41	99.9	97.3	96.4	96.4	96.3	98.0	92.0	96.4
96.3									
2011	41	100.1	97.2	96.3	96.5	96.3	97.6	91.1	96.4
96.3									
2012	33	99.7	98.1	96.5	97.1	96.3	97.2	91.0	96.8
96.4									
2013	36	100.1	98.9	97.7	98.2	97.5	97.6	91.8	98.0
97.5									
2014	36	100.3	98.9	97.9	98.3	97.6	97.9	93.4	98.1
97.8									

2015	40	100.5	98.5	97.7	98.0	97.7	98.3	92.5	97.8
97.7									
2016	22	99.4	99.3	98.0	98.4	97.6	97.5	94.8	98.3
97.6									
2017	19	100.9	99.8	99.5	99.7	99.2	97.6	94.6	99.6
98.9									
2018	25	100.4	99.8	99.4	99.7	99.2	98.2	95.7	99.3
99.0									
2019	20	100.2	99.4	98.8	99.2	98.6	97.3	94.4	99.0
98.5									
2020	14	100.6	100.3	99.6	100.2	99.3	98.1	94.7	99.8
99.2									
2021	12	101.2	100.1	100.5	100.4	100.3	98.3	96.2	100.4
99.8									

Tabel: 43 Holstein - Fries Hollands zwartbont: Gebruikskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	47	98.1	93.8	94.7	99.3	104.5
1981	92	97.6	94.7	94.5	98.8	104.2
1982	112	98.4	93.9	94.0	98.2	103.4
1983	229	98.0	94.1	93.9	98.3	103.4
1984	228	98.0	93.9	93.6	97.8	103.4
1985	293	97.4	93.5	94.4	98.3	103.7
1986	300	97.6	93.5	94.2	98.0	103.2
1987	305	98.0	93.9	93.5	97.2	102.7
1988	340	98.0	94.1	93.3	96.8	102.4
1989	452	97.8	93.8	93.2	96.8	101.9
1990	395	97.8	94.3	93.8	97.4	101.9
1991	397	97.9	93.9	93.5	96.8	101.0
1992	534	97.7	93.5	92.9	95.8	100.5
1993	392	97.5	93.4	92.9	95.6	100.4
1994	267	97.7	93.7	92.8	95.6	99.8
1995	285	97.6	93.2	92.4	94.7	99.0
1996	229	97.7	93.1	92.6	94.7	98.7
1997	133	98.0	93.3	92.9	94.9	98.7
1998	130	98.2	94.6	93.1	95.2	98.6
1999	92	98.2	95.2	93.4	95.3	99.1
2000	91	98.7	95.1	93.0	95.1	98.4
2001	87	99.0	95.4	93.3	95.2	98.4
2002	69	99.5	95.4	92.2	93.6	96.5
2003	76	98.8	95.2	92.8	94.5	97.8
2004	53	99.1	95.4	93.4	94.7	97.8
2005	54	98.8	96.0	93.0	94.2	97.4

2006	51	98.9	96.8	93.8	95.1	98.0
2007	35	99.6	97.0	93.7	94.4	97.7
2008	21	99.3	96.5	94.1	94.9	97.7
2009	25	98.3	98.6	94.3	95.0	98.1
2010	22	99.1	98.0	94.2	95.1	98.0
2011	15	99.7	97.7	94.8	94.8	97.5
2012	13	100.2	96.2	95.6	96.4	98.5
2013	15	99.7	98.1	95.9	96.8	98.5
2014	16	100.0	97.9	96.6	96.8	99.5
2015	14	99.6	98.1	96.8	97.4	99.5

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

Basis: Melkdoel zwart

Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	155	-328.6	-791.2	-330.2	102.6	101.0	80.4	84.2	95.6
0.0									
1981	298	-343.8	-792.4	-383.8	102.1	101.0	81.0	85.5	95.5
0.0									
1982	357	-345.5	-791.5	-370.7	101.3	100.9	81.7	85.4	95.6
0.0									
1983	658	-351.0	-778.0	-409.2	101.4	100.5	82.2	86.0	96.5
0.0									
1984	657	-352.8	-761.2	-417.5	101.1	100.2	82.7	86.2	96.7
0.0									
1985	899	-299.7	-767.1	-450.6	101.5	100.6	82.8	86.5	96.8
139.3									
1986	868	-298.8	-725.8	-447.9	101.1	99.7	83.4	86.8	96.8
136.6									
1987	923	-305.3	-699.8	-490.3	100.4	99.5	83.7	86.7	96.4
130.0									
1988	1000	-302.8	-670.2	-505.9	100.0	99.2	84.5	87.1	96.5
123.6									
1989	1041	-298.7	-651.8	-505.3	99.7	98.8	84.6	87.9	96.6
127.1									
1990	895	-278.8	-607.3	-503.3	100.0	99.1	85.7	88.2	97.0
122.7									
1991	834	-270.9	-560.6	-515.5	99.1	98.7	86.5	88.4	97.3
115.1									
1992	1081	-268.7	-528.4	-514.3	98.3	98.4	87.0	88.3	97.4
107.9									

1993	850	-262.5	-510.1	-489.6	98.1	98.3	87.1	87.9	97.6
105.1									
1994	583	-253.4	-476.9	-470.2	97.7	98.0	87.1	88.5	97.7
105.4									
1995	582	-247.8	-425.7	-452.3	96.8	97.2	88.1	88.2	97.8
94.9									
1996	470	-241.8	-407.3	-439.9	96.6	97.1	88.2	88.5	97.9
96.9									
1997	293	-244.5	-423.3	-454.8	96.8	97.1	88.1	89.1	97.2
95.3									
1998	231	-246.8	-411.5	-454.4	96.8	96.9	88.9	90.0	96.3
97.6									
1999	206	-243.5	-419.3	-432.7	97.2	96.9	88.5	90.1	96.4
92.0									
2000	198	-241.8	-390.2	-436.8	96.6	96.3	88.5	90.1	96.2
94.3									
2001	171	-228.8	-365.3	-419.8	96.6	96.3	89.2	91.2	96.4
84.9									
2002	150	-241.4	-363.2	-477.6	94.7	96.4	89.3	90.6	97.3
94.2									
2003	154	-225.9	-340.3	-476.9	96.0	96.6	90.0	91.7	96.8
91.4									
2004	114	-214.2	-312.8	-445.4	96.0	96.4	89.6	90.6	97.0
89.8									
2005	112	-224.2	-314.8	-453.0	95.6	95.9	89.7	91.5	96.6
88.8									
2006	108	-217.3	-298.3	-433.1	96.4	95.2	90.9	91.7	96.6
71.0									
2007	87	-203.6	-261.4	-396.5	95.9	95.2	90.6	92.4	96.8
64.1									
2008	64	-204.5	-282.1	-384.0	96.0	95.7	91.0	92.8	96.1
48.0									
2009	58	-192.2	-289.7	-365.3	96.4	96.9	90.8	93.2	96.8
67.4									
2010	34	-186.8	-265.7	-294.6	96.4	96.3	92.3	93.6	96.4
54.0									
2011	33	-167.6	-216.7	-282.3	95.9	96.3	92.4	92.0	97.1
74.2									
2012	28	-174.5	-246.3	-315.8	97.3	96.4	94.0	92.2	97.5
61.4									
2013	24	-157.1	-244.7	-233.4	97.5	97.5	92.5	94.1	97.4
57.1									
2014	24	-131.9	-220.6	-193.2	98.2	97.8	94.5	92.6	98.5
56.4									
2015	25	-140.7	-238.0	-241.9	98.6	97.7	93.3	93.5	98.9
65.2									
2016	15	-88.8	-133.5	-184.5	99.1	97.6	97.5	94.2	99.0
26.4									
2017	11	-99.0	-143.9	-173.1	99.8	98.9	92.6	95.0	98.2
0.0									

2018	14	-47.1	-91.0	-47.1	100.6	99.0	96.2	95.2	99.4
6.6									
2019	10	-72.6	-133.0	-118.4	99.4	98.5	96.2	96.8	99.5
41.2									
2020	11	-54.5	-83.3	-68.2	99.7	99.2	0.0	0.0	99.2
5.0									
2021	11	-62.6	-103.8	-152.9	99.0	99.8	97.0	96.0	99.6
60.0									

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1985	13	95.5	96.2	99.3	99.2	93.8	97.2	94.4
1986	30	96.3	95.4	100.9	101.0	93.7	97.9	93.3
1987	31	95.1	95.0	99.8	99.5	92.7	97.1	93.5
1988	29	94.4	94.8	99.6	98.9	92.4	96.8	93.1
1989	57	95.3	95.0	100.4	100.3	92.6	97.4	92.9
1990	101	96.7	95.7	101.3	101.6	93.3	97.9	93.1
1991	148	96.9	95.5	101.4	101.8	93.4	97.5	93.7
1992	199	96.9	95.4	101.5	101.8	93.1	97.4	93.9
1993	154	97.1	95.5	101.6	101.7	93.1	97.1	94.2
1994	122	96.8	95.5	101.5	101.5	93.3	97.4	93.8
1995	159	96.7	95.2	101.6	101.4	93.1	97.0	93.8
1996	121	96.9	95.7	101.4	101.2	93.3	97.0	94.2
1997	68	96.2	95.6	100.8	100.6	93.1	96.6	94.1
1998	93	95.5	95.6	100.6	99.4	92.8	96.2	93.3
1999	65	94.9	95.3	100.4	98.7	92.3	95.3	93.0
2000	63	95.6	96.8	100.2	98.8	93.2	96.0	93.6
2001	56	95.9	96.6	100.5	99.3	93.0	97.1	93.7
2002	48	95.4	96.7	99.9	98.4	92.9	96.2	94.1
2003	56	95.5	96.1	100.3	99.3	92.7	96.3	93.6
2004	36	94.7	96.5	98.9	98.4	93.5	95.0	94.3
2005	39	95.1	96.0	99.4	98.6	93.8	95.8	94.2
2006	49	95.8	96.8	99.4	98.9	94.6	96.7	94.8
2007	29	95.8	97.2	99.2	98.7	94.9	96.5	95.1
2008	19	94.8	95.7	99.1	98.8	93.7	96.8	93.6
2009	24	95.5	96.9	98.7	97.7	95.0	96.1	96.0
2010	19	95.3	96.4	98.5	98.9	94.7	95.9	95.8
2011	17	96.2	98.2	98.2	98.8	96.5	96.1	96.9
2012	13	96.9	97.8	99.4	99.6	96.3	96.9	96.2
2013	10	95.7	97.5	98.2	97.9	96.0	96.7	96.7
2014	14	97.6	98.6	99.4	100.1	97.7	97.2	97.2
2015	14	96.4	98.0	98.6	99.0	96.1	97.0	96.9

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	16	96.8	99.2	96.8	99.2	94.1	98.9
1982	26	95.5	98.7	95.5	98.7	93.0	99.3
1983	57	96.6	99.2	96.6	99.2	93.9	99.3
1984	48	96.7	99.1	96.7	99.1	94.1	99.4
1985	81	96.6	98.7	96.6	98.7	94.0	99.3
1986	114	96.4	98.5	96.4	98.5	94.1	98.9
1987	116	96.0	98.4	96.0	98.4	93.7	98.7
1988	148	95.8	99.0	95.8	99.0	93.9	99.1
1989	172	96.3	98.6	96.3	98.6	94.3	98.8
1990	182	96.4	98.7	96.4	98.7	94.7	99.0
1991	191	97.2	98.7	97.2	98.7	95.6	99.4
1992	295	97.5	98.9	97.5	98.9	95.9	99.6
1993	219	97.7	98.8	97.7	98.8	96.0	99.5
1994	182	98.1	98.7	98.1	98.7	96.4	99.4
1995	194	98.5	98.4	98.5	98.4	96.9	99.0
1996	175	98.7	98.5	98.7	98.5	97.4	99.5
1997	125	98.6	98.0	98.6	98.0	96.7	99.1
1998	114	97.9	97.6	97.9	97.6	96.1	98.3
1999	93	98.3	97.6	98.3	97.6	96.7	97.8
2000	82	98.3	97.4	98.3	97.4	96.4	97.9
2001	91	98.3	97.4	98.3	97.4	97.0	97.9
2002	72	98.8	97.8	98.8	97.8	97.3	98.1
2003	87	98.2	98.0	98.2	98.0	96.9	98.0
2004	76	98.8	97.2	98.8	97.2	97.6	97.4
2005	74	98.7	97.1	98.7	97.1	97.0	97.6
2006	96	99.0	97.1	99.0	97.1	97.1	97.5
2007	74	98.7	97.5	98.7	97.5	97.5	97.6
2008	64	98.1	97.1	98.1	97.1	97.5	97.6
2009	53	98.1	97.9	98.1	97.9	97.0	98.6
2010	37	97.7	97.5	97.7	97.5	97.6	98.5
2011	40	97.9	98.0	97.9	98.0	98.1	98.0
2012	30	99.7	97.6	99.7	97.6	99.4	98.1
2013	29	98.8	98.1	98.8	98.1	98.4	98.5
2014	30	99.6	98.9	99.6	98.9	99.8	99.3
2015	31	99.9	99.1	99.9	99.1	99.5	99.4
2016	24	100.4	98.6	100.4	98.6	99.8	98.8
2017	17	99.4	98.3	99.4	98.3	98.8	98.8
2018	23	100.9	98.9	100.9	98.9	100.2	99.8
2019	19	100.7	99.1	100.7	99.1	99.9	100.1
2020	12	100.0	99.8	100.0	99.8	99.4	100.4
2021	12	101.0	98.8	101.0	98.8	100.1	99.7



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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	113	94.0	104.0	105.1	98.4	95.7	93.9
1981	186	93.8	104.0	105.0	97.6	95.1	95.4
1982	244	93.6	104.2	105.2	97.0	95.2	96.6
1983	459	93.3	104.8	105.4	96.6	95.9	96.6
1984	524	93.5	105.1	105.1	96.3	96.3	97.0
1985	725	93.7	104.7	104.7	96.4	96.3	96.3
1986	675	94.4	104.3	104.0	96.3	95.9	95.7
1987	608	94.1	104.5	104.1	95.4	97.0	97.4
1988	729	94.6	104.3	103.5	94.2	97.5	98.7
1989	787	95.5	104.8	102.8	94.6	96.7	97.9
1990	633	95.7	104.1	102.6	94.5	96.5	97.6
1991	520	96.4	102.8	101.8	94.3	96.9	97.9
1992	684	96.3	102.6	101.9	94.1	97.1	98.5
1993	481	95.8	102.8	102.4	94.1	97.2	98.9
1994	268	96.3	102.8	102.2	95.0	96.3	97.9
1995	261	96.2	102.4	102.3	94.6	96.1	98.3
1996	195	96.5	102.1	102.1	95.0	95.8	98.0
1997	129	95.9	103.3	102.6	95.1	95.8	97.2
1998	115	94.6	103.9	103.9	95.9	95.8	96.9
1999	85	95.3	104.3	103.4	95.7	94.9	96.8
2000	87	94.6	103.8	104.1	95.9	95.4	96.9
2001	74	94.0	103.8	104.5	96.8	96.4	96.5
2002	59	94.4	103.8	104.1	95.9	96.6	96.4
2003	62	95.2	103.5	103.5	96.4	95.6	96.3
2004	48	93.6	103.7	104.9	97.4	95.8	95.4
2005	50	93.9	103.3	104.4	97.0	96.4	95.9
2006	56	94.1	103.2	104.2	96.6	95.7	97.1
2007	43	94.1	103.0	104.3	97.8	96.4	96.2
2008	42	93.5	103.2	104.7	97.8	96.5	96.7
2009	32	94.1	103.3	104.2	97.3	95.7	96.3
2010	23	93.5	103.7	104.9	97.9	97.4	96.8
2011	27	95.0	103.5	103.1	98.0	97.7	96.5
2012	16	95.7	102.1	103.0	99.1	97.1	95.8
2013	21	95.0	103.5	103.6	98.8	98.1	96.2
2014	17	96.2	102.9	102.5	99.5	98.3	96.5
2015	21	94.8	102.8	103.9	97.9	97.7	97.2
2016	11	96.1	104.3	102.5	99.6	99.4	96.3
2017	10	93.8	103.8	104.9	99.8	97.1	95.3
2018	11	95.3	102.0	103.1	100.5	100.4	96.4

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

Jaar Gr_st	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st
1980 105.4	11	107.2	117.5	93.3	104.1	114.2	96.5	105.5	97.5	114.5	97.9
1981 105.1	24	106.8	116.6	92.5	103.9	113.2	96.0	105.3	97.8	113.4	96.9
1982 104.1	29	105.8	114.4	94.1	103.2	111.2	96.8	104.8	97.5	111.7	98.1
1983 103.7	77	105.4	115.0	93.6	102.5	111.8	96.7	104.1	97.3	112.5	97.6
1984 103.0	82	104.9	114.0	93.4	102.4	110.9	96.2	103.9	97.4	111.4	97.2
1985 102.9	129	105.1	113.9	93.9	102.1	111.3	96.3	103.8	97.5	111.7	97.5
1986 102.8	151	104.6	112.7	94.1	101.7	110.2	96.2	103.7	97.5	110.6	97.4
1987 102.6	159	104.6	112.0	94.8	101.6	109.5	96.8	103.6	98.1	109.8	97.8
1988 102.1	197	104.0	110.8	95.4	101.3	108.4	97.0	103.0	98.2	108.8	97.8
1989 101.8	238	103.4	110.8	95.3	100.6	108.6	96.8	102.4	97.9	109.4	97.3
1990 101.0	234	103.2	109.2	96.2	100.0	108.0	96.5	102.5	97.8	108.0	98.0
1991 101.7	260	103.0	107.9	97.6	100.3	106.8	97.4	102.5	97.9	106.9	98.7
1992 101.7	377	102.8	107.4	97.5	100.4	106.0	97.5	102.4	98.1	106.4	98.6
1993 102.3	288	103.1	107.4	97.9	100.8	106.0	97.7	102.7	98.3	106.4	98.7
1994 101.9	213	102.9	106.5	98.6	100.1	105.8	97.7	102.6	98.4	106.0	98.8
1995 102.2	240	102.8	105.5	99.3	100.2	104.9	98.2	102.4	98.9	105.2	98.8
1996 102.1	225	102.5	105.2	99.4	100.4	104.4	98.4	102.3	98.6	104.8	99.0
1997 101.4	153	102.1	105.0	98.6	99.9	104.2	98.1	101.9	98.8	104.7	98.6
1998 100.8	135	101.9	104.3	99.1	99.3	104.0	98.1	101.5	99.1	104.5	98.7
1999 101.1	118	101.9	104.8	98.9	99.9	104.2	98.4	101.4	99.1	104.7	99.1

2000	128	101.8	104.4	99.0	100.0	104.0	98.5	101.5	98.9	104.3	99.3
100.9											
2001	134	101.7	103.6	99.2	99.6	103.4	98.8	101.3	99.3	103.8	99.6
100.6											
2002	118	101.6	103.5	99.1	99.4	103.3	99.2	101.0	99.9	103.4	99.9
100.1											
2003	131	101.1	102.8	99.3	98.9	102.8	99.5	100.8	99.2	103.4	99.6
100.3											
2004	104	100.9	102.3	99.6	99.1	102.1	99.4	100.6	99.7	102.8	99.6
99.8											
2005	95	100.7	102.9	99.1	99.5	102.6	99.4	100.3	99.0	103.1	99.5
99.7											
2006	100	100.7	103.2	98.8	99.9	102.6	99.8	100.2	99.5	103.2	99.5
100.0											
2007	82	101.0	102.6	98.8	100.0	102.3	99.5	100.9	99.1	102.9	99.5
100.2											
2008	59	101.3	103.0	98.7	100.5	102.8	99.5	101.0	99.1	103.2	99.3
100.7											
2009	52	100.2	102.9	98.2	100.2	101.7	99.9	100.2	99.1	102.5	99.9
99.7											
2010	33	101.2	103.0	97.8	99.7	103.1	98.7	101.1	98.8	103.2	99.2
99.8											
2011	36	100.5	102.7	98.0	98.4	103.3	98.3	100.7	97.8	103.1	99.1
98.5											
2012	28	100.4	102.1	99.3	98.2	102.7	98.4	101.0	97.5	102.2	99.8
98.3											
2013	27	101.2	102.8	98.7	99.9	103.6	98.7	101.8	97.6	102.7	99.9
99.9											
2014	22	100.9	102.2	99.0	98.8	103.0	98.7	101.8	96.8	102.2	100.0
99.3											
2015	22	100.9	101.4	98.5	98.1	103.2	98.4	101.5	98.0	101.9	99.4
98.8											

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	16	97.0	99.2	97.1
1983	30	97.5	99.8	97.2
1984	23	97.2	99.7	97.0
1985	37	96.9	99.6	96.7
1986	67	96.7	99.2	96.9
1987	66	97.2	99.6	97.4
1988	88	97.6	99.8	97.5
1989	93	97.1	99.6	97.3

1990	102	97.3	99.8	97.5
1991	122	98.0	100.4	97.7
1992	156	98.3	100.7	98.0
1993	111	98.2	100.6	97.9
1994	121	98.0	100.6	97.8
1995	98	98.6	100.7	98.2
1996	92	98.9	101.0	98.2
1997	81	99.0	101.0	98.6
1998	78	98.5	100.4	98.3
1999	53	98.5	100.0	99.0
2000	62	98.6	100.2	98.8
2001	43	98.4	99.9	98.9
2002	40	98.4	100.3	98.7
2003	35	98.2	99.8	98.6
2004	34	98.1	100.0	98.3
2005	34	98.6	100.4	98.8
2006	33	97.2	99.2	98.1
2007	20	97.3	99.3	98.2
2008	25	96.9	99.3	97.4
2009	24	96.9	98.9	97.8
2011	12	97.8	100.4	97.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	171	-3970.2	-15652.3	-680.2	-567.7
2002	150	-4241.3	-16897.0	-725.1	-606.5
2003	153	-4178.5	-16608.1	-714.3	-597.6
2004	113	-3946.1	-15454.2	-677.9	-563.7
2005	113	-4006.5	-15662.6	-691.1	-570.9
2006	108	-3861.6	-15256.6	-667.1	-548.9
2007	86	-3578.6	-14010.2	-622.7	-507.1
2008	64	-3564.1	-13778.0	-617.6	-506.8
2009	58	-3475.4	-13476.7	-608.2	-490.9
2010	36	-3051.8	-11396.1	-537.7	-430.5
2011	35	-2845.1	-10649.3	-495.7	-403.9
2012	29	-3121.6	-12043.1	-540.7	-443.7
2013	27	-2723.7	-10574.0	-467.8	-389.0
2014	28	-2394.9	-8960.1	-421.5	-338.1
2015	27	-2677.9	-10149.9	-469.0	-378.5
2016	15	-2027.3	-7861.1	-344.1	-291.1
2017	11	-1925.3	-8062.6	-326.8	-274.7
2018	15	-1063.5	-3805.1	-175.1	-156.9
2019	11	-1605.1	-5702.5	-285.8	-225.3
2020	11	-1118.5	-4153.9	-189.4	-161.9

2021            11   -1623.3   -6563.6   -286.0   -227.6

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

Jaar	Aantal	Eff	Int	Gewen	AMS
1984	12	96.5	87.5	104.5	93.5
1985	15	97.7	86.8	104.2	94.0
1986	27	98.3	85.2	104.1	93.4
1987	35	97.3	86.4	104.0	92.8
1988	39	97.7	86.4	103.3	92.7
1989	43	97.1	85.9	103.9	92.2
1990	48	97.0	85.7	103.0	91.2
1991	69	97.0	86.3	101.4	89.6
1992	89	96.6	87.0	101.0	89.4
1993	56	96.4	87.1	100.9	89.3
1994	48	96.3	87.2	101.1	89.3
1995	56	96.5	87.2	100.5	88.8
1996	33	96.7	87.8	100.5	89.3
1997	28	96.5	86.6	100.2	88.2
1998	24	96.1	86.7	101.0	88.7
1999	18	96.7	86.1	100.4	88.5
2000	27	97.1	86.9	101.0	89.8
2001	19	97.2	86.8	101.0	89.7
2002	13	96.8	87.8	99.0	87.7
2003	18	96.7	86.7	100.2	88.5
2004	10	98.6	87.4	99.1	89.8
2005	15	96.8	86.7	99.7	88.1
2006	14	98.1	89.4	99.4	91.2
2007	13	97.6	89.2	99.8	90.5
2008	11	99.4	89.8	99.2	91.7
2009	11	98.1	90.9	99.1	91.5
2014	11	99.7	95.3	99.6	96.2

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

Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	155	96.2	97.9	0	0.0	0.0	0	0.0
1981	298	95.7	98.0	0	0.0	0.0	0	0.0
1982	357	95.8	98.7	0	0.0	0.0	0	0.0

1983	658	95.7	98.6	0	0.0	0.0	0	0.0
1984	657	95.8	98.6	0	0.0	0.0	0	0.0
1985	899	95.8	98.3	477	-7.2	139.3	0	0.0
1986	868	95.7	98.6	406	-6.8	136.6	0	0.0
1987	923	95.3	98.3	365	-6.5	130.0	0	0.0
1988	1000	95.4	98.1	364	-6.1	123.6	0	0.0
1989	1041	95.3	98.6	478	-6.1	127.1	0	0.0
1990	895	95.6	98.6	419	-5.7	122.7	0	0.0
1991	834	95.6	99.0	426	-5.2	115.1	0	0.0
1992	1081	95.3	99.0	548	-5.0	107.9	0	0.0
1993	850	95.2	99.2	411	-4.7	105.1	0	0.0
1994	583	95.7	99.6	290	-4.6	105.4	0	0.0
1995	582	95.7	99.9	294	-4.0	94.9	0	0.0
1996	470	95.8	99.9	237	-4.0	96.9	0	0.0
1997	293	95.7	99.0	148	-4.1	95.3	0	0.0
1998	231	96.1	98.6	131	-4.2	97.6	0	0.0
1999	206	95.9	98.2	97	-4.1	92.0	0	0.0
2000	198	96.4	98.0	97	-4.0	94.3	0	0.0
2001	171	96.5	98.2	88	-3.6	84.9	85	91.2
2002	150	96.2	97.8	71	-3.8	94.2	70	90.5
2003	154	96.1	97.8	78	-3.7	91.4	77	90.6
2004	114	96.8	97.4	56	-3.4	89.8	55	90.4
2005	112	96.1	97.4	53	-3.5	88.8	53	91.2
2006	108	96.8	97.8	54	-3.0	71.0	54	93.0
2007	87	96.8	97.9	37	-2.8	64.1	34	93.3
2008	64	96.0	97.7	21	-2.6	48.0	21	95.5
2009	58	96.7	97.9	25	-3.0	67.4	25	93.5
2010	34	97.1	97.9	23	-2.4	54.0	23	95.1
2011	33	98.2	97.5	20	-2.6	74.2	18	93.1
2012	28	98.9	98.8	15	-2.6	61.4	14	94.4
2013	24	97.5	97.8	14	-2.8	57.1	14	96.9
2014	24	97.3	98.2	19	-2.4	56.4	18	96.3
2015	25	98.0	98.3	15	-2.7	65.2	15	94.3
2016	15	98.7	98.4	7	-1.2	26.4	6	96.8
2017	11	100.3	100.3	7	-0.4	0.0	5	99.6
2018	14	101.4	98.8	5	-0.6	6.6	4	101.0
2019	10	98.8	98.6	4	-2.0	41.2	4	97.0
2020	11	100.3	99.8	1	-0.2	5.0	0	0.0
2021	11	100.7	98.8	1	-2.2	60.0	1	96.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	12	99.8	0	0.0	0	0.0	12	96.8
1982	17	99.9	1	99.0	1	99.0	17	97.5

1983	40	100.0	0	0.0	0	0.0	40	97.6
1984	29	99.8	1	96.0	0	0.0	29	97.2
1985	47	99.8	3	97.7	2	99.0	47	97.7
1986	83	99.5	6	97.8	5	97.2	83	97.3
1987	80	100.0	4	101.5	4	98.2	80	97.4
1988	99	99.9	5	99.4	3	101.3	99	97.1
1989	124	99.5	11	97.9	6	99.2	124	96.5
1990	115	98.9	14	97.0	12	96.2	115	96.4
1991	134	99.1	41	99.7	40	97.9	134	95.3
1992	190	99.5	44	100.4	42	97.7	190	95.8
1993	144	99.6	30	99.8	30	97.4	144	95.7
1994	105	99.5	24	100.8	23	98.3	105	95.3
1995	128	99.5	32	99.6	32	97.7	128	94.9
1996	100	99.7	21	99.8	20	97.8	100	94.7
1997	70	98.9	15	99.1	14	96.9	70	94.6
1998	64	98.0	11	98.2	10	95.5	64	94.8
1999	49	98.5	10	99.7	10	98.4	49	94.8
2000	54	98.3	7	97.1	6	98.0	54	94.5
2001	57	99.0	6	98.5	5	100.0	57	95.3
2002	46	98.8	6	98.2	6	97.3	46	94.5
2003	52	98.3	3	100.0	3	100.0	52	92.9
2004	45	98.3	5	97.6	5	97.2	45	94.1
2005	43	98.8	4	97.8	4	95.2	43	94.1
2006	50	99.1	8	99.8	8	100.0	50	95.4
2007	42	99.1	5	101.4	5	97.2	42	94.9
2008	41	98.9	3	100.0	3	98.3	41	93.6
2009	46	99.7	4	100.0	4	98.5	46	95.8
2010	33	99.4	2	101.5	2	100.5	33	94.5
2011	33	99.8	4	98.8	4	101.5	33	96.6
2012	27	100.3	2	101.0	2	101.0	27	97.1
2013	24	99.7	2	100.0	2	100.0	24	97.2
2014	23	99.7	5	98.4	5	99.8	23	97.3
2015	25	100.0	3	99.7	2	102.5	25	97.8
2016	14	100.1	1	100.0	1	100.0	14	98.2
2017	10	101.2	1	100.0	1	105.0	10	101.1
2018	14	100.8	1	102.0	1	101.0	14	100.0
2019	10	99.7	0	0.0	0	0.0	10	97.9
2020	11	100.1	0	0.0	0	0.0	11	98.6
2021	10	99.8	0	0.0	0	0.0	10	99.2

Tabel: 54 Fries Hollands - zwartbont: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	21	-1215.5	-48.0	-51.6	-56.7	11.9	-13.0	-1.4	-329.7
1981	20	-1200.5	-45.4	-52.6	-56.1	16.1	-15.7	-1.7	-327.8

1982	15	-1138.3	-42.2	-50.2	-53.4	16.3	-15.4	-1.9	-310.7
1983	24	-1127.0	-40.2	-49.9	-52.7	18.8	-15.8	-1.5	-304.8
1984	19	-1068.3	-40.3	-48.4	-50.2	14.0	-16.7	-1.9	-297.9
1985	22	-1055.6	-41.0	-49.5	-49.5	11.6	-19.1	-1.6	-303.8
1986	19	-968.5	-31.5	-43.9	-45.6	22.2	-14.6	-1.8	-259.9
1987	25	-888.3	-31.8	-40.8	-41.9	14.6	-14.1	-1.7	-246.7
1988	21	-1022.0	-36.6	-46.9	-48.0	16.7	-16.7	-1.8	-283.3
1989	22	-922.9	-36.1	-41.5	-43.5	9.1	-13.3	-1.8	-259.1
1990	22	-696.0	-26.5	-37.2	-33.2	8.2	-20.0	-2.0	-217.9
1991	29	-920.1	-35.6	-42.7	-43.3	9.9	-15.6	-1.7	-263.0
1992	20	-805.3	-26.7	-38.6	-38.1	16.9	-15.6	-1.8	-225.9
1993	26	-614.0	-24.5	-31.5	-29.3	5.4	-14.7	-1.8	-189.6
1994	16	-546.1	-14.4	-30.0	-26.2	17.6	-16.1	-1.9	-161.1
1995	28	-615.2	-20.1	-33.5	-29.4	13.0	-18.1	-1.8	-188.6
1996	20	-723.6	-32.4	-34.2	-34.2	-0.5	-12.8	-1.6	-218.6
1997	16	-588.4	-25.7	-31.2	-28.2	0.8	-15.7	-1.9	-190.2
1998	11	-744.6	-26.2	-34.1	-35.1	12.5	-11.5	-1.5	-205.4
1999	13	-552.2	-19.4	-28.9	-26.5	8.2	-14.7	-1.8	-167.2
2000	18	-728.8	-22.4	-32.7	-34.4	17.7	-10.1	-1.6	-191.6
2001	22	-537.0	-21.1	-27.3	-23.8	5.7	-12.0	1.6	-163.1
2002	13	-266.1	-8.6	-22.5	-8.8	5.4	-20.8	5.4	-112.8
2003	17	-587.9	-20.9	-29.4	-27.8	9.4	-13.0	-1.1	-172.6
2004	18	-342.5	-12.8	-20.2	-15.8	3.9	-12.3	-0.2	-114.3
2005	11	-698.6	-25.8	-29.4	-31.4	8.9	-6.5	1.6	-184.1

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

Tabel: 55 Fries Hollands - zwartbont: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	23	91.4	89.3	92.5	91.5	99.0	86.5	100.0
1981	22	90.1	90.5	92.0	90.6	100.2	87.6	99.6
1982	16	90.6	89.1	91.4	90.8	99.6	87.6	98.7
1983	21	91.0	88.8	92.2	92.0	98.8	87.1	99.0
1984	19	90.8	89.5	92.5	91.6	98.6	86.5	100.0
1985	21	92.0	89.3	92.7	92.3	98.3	86.2	100.6
1986	17	92.4	88.8	92.2	92.2	98.5	86.5	98.2
1987	21	90.5	89.8	92.4	91.6	99.0	86.0	98.7
1988	18	91.7	90.2	93.1	91.8	99.1	86.4	100.7
1989	16	92.7	89.5	93.0	92.8	98.5	85.6	99.5
1990	20	91.8	89.0	93.0	92.7	97.9	86.5	100.0
1991	22	92.0	89.5	93.4	92.5	98.0	86.3	99.9
1992	16	91.8	89.1	93.1	92.8	98.1	86.0	99.3
1993	21	92.2	88.1	93.6	94.0	96.2	85.5	100.2
1994	10	92.7	90.5	93.6	93.0	98.6	87.4	100.5
1995	19	92.8	88.7	93.0	93.4	97.6	86.2	101.2



1996	14	93.7	89.2	93.7	93.7	97.9	86.8	101.6
1997	12	92.8	89.1	93.3	92.8	98.3	86.8	99.9
2000	11	93.5	88.8	94.4	94.1	97.3	86.1	102.6
2001	13	93.8	88.9	93.5	94.3	97.5	87.1	100.5
2004	15	94.2	90.1	95.4	94.2	98.1	86.3	102.1

Tabel: 56 Fries Hollands - zwartbont: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	23	92.3	99.0	100.2	83.0	88.3
1981	22	91.0	97.7	99.9	82.2	86.7
1982	16	91.9	98.4	99.3	82.5	88.0
1983	21	91.2	99.5	99.9	83.2	87.5
1984	19	92.1	100.0	98.4	83.1	88.0
1985	21	92.1	99.1	99.3	83.4	88.2
1986	17	91.9	97.1	100.9	83.9	87.7
1987	21	91.3	98.4	100.3	83.2	87.5
1988	18	92.6	98.3	99.9	83.7	88.8
1989	16	92.9	98.8	98.8	84.0	89.2
1990	20	93.2	99.1	100.0	85.2	89.8
1991	22	93.2	98.9	99.6	84.4	89.7
1992	16	92.9	99.1	99.8	84.6	89.2
1993	21	93.3	99.9	99.2	84.9	90.1
1994	10	93.3	98.9	100.0	85.0	89.9
1995	19	93.3	100.3	98.1	84.3	89.7
1996	14	93.6	99.7	98.9	85.2	90.4
1997	12	94.9	99.5	99.2	85.8	92.2
2000	11	94.1	98.4	99.7	85.6	90.8
2001	13	94.3	99.6	98.1	85.8	91.1
2004	15	95.4	99.3	99.4	86.8	92.7

Tabel: 57 Fries Hollands - zwartbont: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	23	98.2	96.9	101.0	100.7	95.6	96.1	95.9
1981	22	97.0	95.0	100.7	99.8	94.9	94.9	94.0

1982	16	97.9	95.9	99.7	100.6	95.1	95.1	94.4
96.1								
1983	21	97.5	95.5	99.6	100.0	95.0	95.3	94.4
95.6								
1984	19	97.5	95.3	99.3	100.2	95.2	95.6	94.5
95.8								
1985	21	97.6	96.0	99.7	100.1	95.4	95.2	94.9
96.1								
1986	17	98.9	96.5	99.0	102.1	95.9	96.4	95.5
96.4								
1987	21	98.0	97.0	99.2	100.2	96.2	96.5	96.2
96.5								
1988	18	98.7	97.1	100.5	101.3	96.0	96.4	96.2
96.9								
1989	16	98.6	97.6	100.6	101.1	96.3	96.6	96.7
96.9								
1990	20	98.7	98.1	99.1	100.7	96.7	96.9	96.6
96.5								
1991	22	98.8	97.8	100.2	100.9	96.4	97.0	96.7
96.9								
1992	16	98.9	98.7	98.8	101.6	97.0	98.5	97.8
96.8								
1993	21	97.8	98.5	99.0	100.2	96.2	97.7	97.8
96.5								
1994	10	99.1	99.1	98.2	101.3	97.0	98.7	98.0
96.5								
1995	19	98.8	98.8	99.5	100.9	97.1	97.5	97.3
96.8								
1996	14	98.7	98.2	99.7	100.4	97.1	97.1	96.7
96.8								
1997	12	98.5	99.2	99.2	101.0	96.7	98.4	98.2
97.0								
2000	11	98.6	100.0	99.4	101.0	97.4	98.8	99.0
97.3								
2001	13	100.2	100.2	97.5	102.6	98.0	98.5	98.1
96.9								
2004	15	100.5	100.5	99.1	102.3	99.3	99.9	99.7
98.6								

Tabel: 58 Fries Hollands - zwartbont: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	23	84.7	84.3	95.3	87.7	97.7	82.7
1981	22	85.0	83.5	93.2	85.7	99.1	80.5
1982	16	83.6	83.4	94.3	87.1	98.1	81.4

1983	21	84.1	83.7	93.8	86.8	97.0	81.2
1984	19	84.7	83.9	94.2	87.5	97.7	82.0
1985	21	85.3	84.3	94.2	87.5	97.4	82.2
1986	17	83.9	83.3	96.1	87.0	96.6	82.2
1987	21	83.8	83.3	95.5	86.7	97.5	81.8
1988	18	85.6	84.8	96.1	88.1	98.2	83.7
1989	16	84.8	84.8	96.4	88.5	97.0	83.8
1990	20	85.0	84.8	96.5	89.3	96.7	84.5
1991	22	85.2	85.1	96.5	89.2	97.1	84.5
1992	16	84.4	84.6	98.1	88.8	96.5	84.7
1993	21	84.6	85.0	96.3	89.6	95.2	84.6
1994	10	86.8	85.9	97.9	89.5	97.8	85.8
1995	19	85.4	85.4	97.3	89.3	96.2	84.9
1996	14	86.7	86.4	96.8	89.7	96.6	85.4
1997	12	85.5	86.4	97.6	91.8	97.2	87.1
2000	11	86.8	86.9	98.2	90.5	96.9	86.7
2001	13	86.3	86.1	99.5	90.5	96.2	87.0
2004	15	87.7	88.5	100.7	92.3	98.0	89.7

Tabel: 59 Fries Hollands - zwartbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	26	102.8	99.3	99.1	99.5	99.4	99.2	89.7	99.0
99.1									
1981	27	103.0	99.0	99.1	99.6	99.4	98.8	90.3	98.9
99.0									
1982	21	103.0	99.0	99.4	99.6	99.4	99.0	90.8	99.0
99.0									
1983	28	102.6	98.6	98.6	99.1	99.2	99.2	89.6	98.4
98.8									
1984	23	103.2	97.1	98.1	98.0	99.0	98.7	89.7	97.4
98.0									
1985	22	102.1	99.1	98.8	99.2	99.0	98.7	91.2	98.7
98.7									
1986	21	103.3	99.3	100.1	100.1	100.4	99.6	92.3	99.8
99.9									
1987	28	101.8	98.5	98.1	98.5	98.4	97.7	90.0	98.0
97.9									
1988	22	102.4	98.3	98.6	98.8	98.9	98.5	90.3	98.2
98.5									
1989	22	102.4	98.3	98.6	98.8	99.1	99.5	91.2	98.3
98.6									

1990	24	102.2	97.8	98.5	98.3	98.9	98.7	90.7	97.9
98.2									
1991	29	101.9	98.0	98.1	98.2	98.5	98.4	90.5	97.8
98.0									
1992	22	102.1	98.9	99.3	99.0	99.2	98.8	91.5	99.1
98.9									
1993	27	101.7	97.8	98.0	98.0	98.5	99.1	91.3	97.6
98.0									
1994	16	101.7	98.6	98.8	98.7	98.9	98.8	91.6	98.5
98.6									
1995	29	101.3	97.8	97.6	97.8	97.9	98.1	90.7	97.4
97.4									
1996	23	102.4	98.0	99.0	98.8	99.5	99.7	91.7	98.3
98.9									
1997	16	101.0	97.9	97.6	98.0	97.9	97.6	90.1	97.5
97.4									
1998	11	102.1	98.4	98.6	98.9	99.1	98.0	90.6	98.3
98.4									
1999	15	101.1	98.7	98.4	98.8	98.7	98.7	92.7	98.3
98.4									
2000	18	101.4	98.8	98.9	99.1	98.9	99.0	91.7	98.7
98.7									
2001	24	101.8	97.9	98.5	98.5	99.2	99.0	91.8	97.9
98.5									
2002	16	100.9	98.0	98.1	98.1	98.2	98.2	92.9	97.8
97.8									
2003	20	101.5	98.6	98.5	98.9	98.8	98.6	91.2	98.5
98.5									
2004	22	101.3	98.5	98.5	98.7	98.8	98.6	92.1	98.3
98.4									
2005	15	101.5	98.5	98.0	98.6	98.6	98.5	91.5	97.8
98.2									
2008	11	101.4	97.9	97.9	98.2	98.7	98.6	91.7	97.6
98.1									
2009	13	101.0	98.5	98.6	98.6	98.8	99.5	94.6	98.3
98.7									

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Tabel: 60 Fries Hollands - zwartbont: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

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Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
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1980 0.0	21	-205.0	-329.7	-67.2	104.1	99.1	95.3	87.7	98.5
1981 0.0	20	-210.3	-327.8	-137.3	104.3	99.0	93.2	85.7	98.0
1982 0.0	15	-208.7	-310.7	-213.9	103.7	99.0	94.3	87.1	97.4
1983 0.0	24	-223.8	-304.8	-255.9	103.2	98.8	93.8	86.8	98.0
1984 0.0	19	-226.1	-297.9	-274.5	102.9	98.0	94.2	87.5	96.9
1985 129.6	22	-234.6	-303.8	-425.0	102.8	98.7	94.2	87.5	97.8
1986 128.1	19	-189.3	-259.9	-294.6	104.4	99.9	96.1	87.0	97.1
1987 123.0	25	-215.3	-246.7	-439.5	103.3	97.9	95.5	86.7	97.6
1988 114.8	21	-220.9	-283.3	-440.1	103.5	98.5	96.1	88.1	98.2
1989 100.5	22	-211.4	-259.1	-439.2	100.7	98.6	96.4	88.5	98.1
1990 119.4	22	-195.3	-217.9	-329.0	102.0	98.2	96.5	89.3	99.1
1991 113.2	29	-194.9	-263.0	-387.9	102.7	98.0	96.5	89.2	98.6
1992 121.3	20	-196.8	-225.9	-413.9	101.6	98.9	98.1	88.8	97.8
1993 117.5	26	-184.4	-189.6	-353.7	101.2	98.0	96.3	89.6	98.7
1994 94.5	16	-162.6	-161.1	-359.9	102.1	98.6	97.9	89.5	98.6
1995 87.8	28	-162.6	-188.6	-345.9	101.6	97.4	97.3	89.3	98.7
1996 102.3	20	-169.7	-218.6	-295.0	101.1	98.9	96.8	89.7	98.7
1997 94.1	16	-160.9	-190.2	-242.0	101.0	97.4	97.6	91.8	98.8
1998 67.8	11	-157.5	-205.4	-371.2	101.6	98.4	98.7	88.8	98.7
1999 65.7	13	-146.3	-167.2	-291.5	101.2	98.4	95.7	89.7	99.7
2000 97.8	18	-157.1	-191.6	-314.5	101.1	98.7	98.2	90.5	99.1
2001 92.6	22	-137.4	-163.1	-242.9	100.7	98.5	99.5	90.5	98.5
2002 72.2	13	-119.8	-112.8	-248.8	100.8	97.8	99.2	89.6	99.2
2003 80.2	17	-132.8	-172.6	-267.9	101.1	98.5	99.9	91.4	98.6
2004 76.5	18	-114.7	-114.3	-220.2	100.1	98.4	100.7	92.3	99.1

2005 11 -143.8 -184.1 -368.9 101.3 98.2 99.4 90.1 99.4  
86.8

Tabel: 61 Fries Hollands - zwartbont: Levensvatbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	17	98.2	99.9	98.2	99.9	98.3	98.4
1981	18	98.3	99.2	98.3	99.2	98.9	98.6
1982	12	98.3	98.4	98.3	98.4	99.1	98.4
1983	17	98.2	99.1	98.2	99.1	98.6	98.3
1984	14	97.9	98.1	97.9	98.1	99.0	98.1
1985	15	98.7	98.9	98.7	98.9	99.1	98.3
1986	15	98.3	98.1	98.3	98.1	98.9	97.8
1987	21	98.5	98.3	98.5	98.3	99.3	98.8
1988	15	99.3	98.8	99.3	98.8	100.1	99.1
1989	18	98.8	98.9	98.8	98.9	100.3	98.2
1990	17	99.3	99.6	99.3	99.6	99.8	99.0
1991	20	98.9	99.3	98.9	99.3	99.8	98.5
1992	18	98.8	98.7	98.8	98.7	99.6	98.5
1993	23	99.5	99.0	99.5	99.0	100.3	98.6
1994	16	99.6	98.9	99.6	98.9	100.6	98.6
1995	20	99.5	99.0	99.5	99.0	100.2	98.3
1996	19	99.5	98.8	99.5	98.8	100.2	98.1
1997	13	100.2	98.5	100.2	98.5	101.7	98.1
1998	11	99.6	98.7	99.6	98.7	101.0	98.0
1999	10	100.0	99.9	100.0	99.9	100.6	98.9
2000	16	99.9	99.4	99.9	99.4	100.4	98.8
2001	18	99.2	98.9	99.2	98.9	100.2	98.3
2002	10	100.2	98.9	100.2	98.9	101.3	98.9
2003	13	99.4	98.7	99.4	98.7	100.5	98.2
2004	15	99.8	99.3	99.8	99.3	101.0	98.8
2008	10	100.4	99.2	100.4	99.2	101.0	98.2

Tabel: 62 Fries Hollands - zwartbont: Geboortekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	17	98.4	99.7	102.5	96.8	100.0	96.1
1981	21	98.2	99.6	102.6	97.9	98.9	95.5
1982	14	97.6	100.1	103.0	97.4	97.2	95.0

1983	17	99.2	99.2	101.8	97.0	98.9	95.8
1984	13	98.1	99.7	102.5	96.6	97.5	96.1
1985	15	98.1	99.4	102.5	96.6	99.2	97.2
1986	16	97.7	100.1	102.9	96.2	99.6	97.1
1987	16	98.2	98.6	102.5	97.6	99.8	96.2
1988	13	98.9	99.7	102.0	97.6	100.6	95.8
1989	16	98.3	100.1	102.4	95.6	100.4	98.1
1990	13	99.5	99.6	101.8	97.3	100.3	97.1
1991	13	98.0	100.0	102.8	95.8	99.6	97.9
1992	13	99.0	100.0	101.8	96.0	99.6	97.5
1993	15	98.5	100.3	102.6	96.6	100.2	97.7
1995	17	98.6	98.8	102.3	97.0	99.5	97.0
1996	11	99.5	99.0	101.5	97.0	100.9	97.1
1997	12	99.5	99.3	101.8	98.1	99.8	96.9
1999	10	100.0	98.7	101.4	97.8	98.0	97.2
2000	12	98.1	99.7	102.8	97.4	100.1	97.6
2001	14	99.7	99.1	101.9	98.8	99.8	97.7
2003	10	100.1	98.5	101.1	98.0	95.0	95.7
2004	15	98.4	98.7	102.8	99.2	98.9	97.0
2005	10	99.5	98.5	101.8	98.7	98.3	96.3

Tabel: 63 Fries Hollands - zwartbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	22	99.0	98.4	96.6	95.0	104.6	96.1	99.9	94.6	104.0	95.0	96.1
1981	24	100.0	100.4	96.6	95.8	106.1	95.8	100.5	94.6	106.0	94.5	97.4
1982	18	100.7	99.6	96.8	95.9	105.8	95.2	101.4	94.7	104.8	94.9	97.2
1983	25	98.9	98.5	97.3	95.0	104.8	96.2	99.8	94.3	104.3	95.0	96.0
1984	19	98.9	99.0	96.7	94.6	105.1	96.3	99.2	95.2	104.8	94.7	95.9
1985	22	99.4	98.3	96.5	95.0	104.6	95.7	100.2	94.9	104.0	94.7	96.2
1986	20	99.5	97.5	98.0	94.7	105.0	96.2	100.3	95.2	103.9	95.4	96.0
1987	28	99.3	98.0	96.9	95.1	104.5	95.8	99.9	95.3	104.0	94.3	96.6
1988	21	98.0	97.1	96.8	94.7	102.7	96.4	98.7	95.2	102.8	94.5	95.5

1989	22	98.3	97.0	96.0	94.8	103.3	96.4	99.0	95.6	102.7	95.0
94.8											
1990	22	97.8	97.4	98.1	94.5	103.0	97.7	98.0	95.5	103.4	95.7
95.4											
1991	28	98.5	97.5	97.0	94.6	104.2	96.8	99.3	94.6	103.5	95.6
95.2											
1992	20	97.8	96.7	97.3	94.4	102.8	97.2	98.8	95.0	102.7	95.3
95.3											
1993	26	97.1	95.7	97.9	93.6	102.0	97.7	97.7	95.5	102.0	95.8
94.2											
1994	16	97.8	98.5	97.6	95.0	103.6	98.2	97.9	95.6	104.3	96.2
95.3											
1995	28	98.4	97.7	98.7	94.6	104.1	98.0	99.0	95.0	103.8	96.8
95.5											
1996	22	97.3	95.5	97.8	93.9	101.5	97.7	98.1	95.6	101.7	95.3
95.0											
1997	16	97.1	97.3	98.1	94.4	102.5	98.6	97.6	94.7	103.0	96.7
94.7											
1998	11	97.6	98.7	97.4	94.5	104.6	97.0	98.2	93.9	104.5	95.5
94.8											
1999	14	97.1	96.4	97.8	94.9	101.0	98.5	97.9	95.6	102.0	96.6
95.2											
2000	18	97.7	96.8	98.0	95.4	102.3	98.5	98.3	95.5	102.6	96.6
95.9											
2001	21	97.0	96.5	97.7	94.6	101.9	98.0	98.3	94.3	102.2	96.0
95.2											
2002	16	97.0	95.8	99.4	93.2	102.1	98.4	97.6	95.2	102.3	96.5
94.6											
2003	18	96.4	96.2	97.3	94.2	101.9	97.9	97.4	94.7	102.1	95.8
94.3											
2004	22	96.5	96.0	97.4	94.7	100.5	98.5	97.4	95.4	101.5	95.9
95.0											
2005	13	97.7	98.1	97.4	94.5	103.4	97.2	98.1	95.3	103.7	95.5
95.2											

Tabel: 64 Fries Hollands - zwartbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	18	97.7	97.1	100.3
1981	18	96.9	96.6	99.4
1982	15	97.1	96.6	99.8
1983	20	98.1	97.5	100.5
1984	15	97.2	96.7	100.1
1985	15	97.9	97.2	100.5



1986	17	98.6	98.0	100.5
1987	21	98.2	97.6	100.5
1988	16	98.6	97.8	100.9
1989	18	98.4	97.4	100.9
1990	18	98.8	98.2	100.7
1991	20	98.2	97.8	100.5
1992	20	97.9	97.3	100.5
1993	27	98.7	97.9	100.9
1994	16	98.6	98.1	100.8
1995	26	98.7	98.3	100.6
1996	23	99.3	98.4	100.9
1997	16	98.9	98.5	101.1
1998	11	99.7	98.8	101.5
1999	14	99.4	98.5	101.1
2000	17	98.8	98.2	100.6
2001	20	99.0	98.4	100.5
2002	14	99.9	99.0	101.6
2003	18	99.6	99.1	101.2
2004	19	99.8	99.3	100.8
2005	13	99.2	98.6	101.2
2008	10	99.1	98.5	100.7
2009	10	98.5	98.1	100.0

Tabel: 65 Fries Hollands - zwartbont: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	21	-2531.9	-10127.5	-412.3	-371.8
2002	15	-2469.3	-9719.7	-389.8	-369.3
2003	17	-2715.0	-10856.4	-442.5	-398.7
2004	17	-2203.7	-8901.8	-355.3	-325.2
2005	13	-3268.9	-13284.0	-545.2	-472.8

Tabel: 66 Fries Hollands - zwartbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	21	96.3	100.9	0	0.0	0.0	0	0.0
1981	20	96.6	100.6	0	0.0	0.0	0	0.0
1982	15	96.7	100.4	0	0.0	0.0	0	0.0
1983	24	95.9	101.0	0	0.0	0.0	0	0.0

1984	19	97.2	99.9	0	0.0	0.0	0	0.0
1985	22	96.3	100.8	21	-3.9	129.6	0	0.0
1986	19	95.9	100.6	17	-3.7	128.1	0	0.0
1987	25	98.1	100.6	23	-3.5	123.0	0	0.0
1988	21	96.5	100.7	18	-3.5	114.8	0	0.0
1989	22	95.8	99.8	19	-3.2	100.5	0	0.0
1990	22	96.6	99.5	19	-3.2	119.4	0	0.0
1991	29	96.3	100.0	25	-3.4	113.2	0	0.0
1992	20	96.3	99.2	17	-3.2	121.3	0	0.0
1993	26	96.8	99.8	24	-3.1	117.5	0	0.0
1994	16	96.4	100.1	11	-2.2	94.5	0	0.0
1995	28	98.1	100.0	26	-2.5	87.8	0	0.0
1996	20	95.4	99.0	18	-3.0	102.3	0	0.0
1997	16	97.6	99.8	14	-2.7	94.1	0	0.0
1998	11	97.4	99.2	10	-2.3	67.8	0	0.0
1999	13	96.0	98.8	9	-1.9	65.7	0	0.0
2000	18	95.9	99.7	14	-2.7	97.8	0	0.0
2001	22	97.3	99.7	19	-2.4	92.6	12	88.0
2002	13	96.8	98.3	13	-1.8	72.2	8	89.4
2003	17	96.2	100.1	13	-2.4	80.2	6	90.7
2004	18	96.2	100.1	17	-1.9	76.5	13	91.6
2005	11	96.9	99.8	12	-2.7	86.8	6	89.0

Tabel: 67 Fries Hollands - zwartbont: Stofwisselingsaandoeningen  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	14	100.0	0	0.0	0	0.0	14	95.9
1981	13	100.0	0	0.0	0	0.0	13	96.9
1983	10	100.0	0	0.0	0	0.0	10	96.1
1989	12	100.0	0	0.0	0	0.0	12	96.0
1990	12	100.0	0	0.0	0	0.0	12	96.2
1992	11	99.8	0	0.0	0	0.0	11	95.2
1993	14	99.9	0	0.0	0	0.0	14	95.4
1995	15	99.9	0	0.0	0	0.0	15	95.5
1996	12	99.9	0	0.0	0	0.0	12	95.6
1997	10	99.9	0	0.0	0	0.0	10	95.6
2000	11	100.0	0	0.0	0	0.0	11	96.0
2001	11	100.0	0	0.0	0	0.0	11	97.3
2003	10	100.0	0	0.0	0	0.0	10	95.9
2004	14	99.9	0	0.0	0	0.0	14	95.9

Tabel: 68 Maas Rijn IJssel: Melkproductiekenmerken  
Basis: Dubbeldoel

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1981	22	-1583.4	-68.0	-62.7	-73.6	5.8	-8.7	-1.5	-422.0
1982	19	-1354.8	-58.7	-53.6	-63.2	3.4	-6.5	-1.6	-362.0
1983	23	-1651.9	-68.7	-65.0	-76.8	9.9	-8.5	-1.7	-433.7
1984	45	-1538.8	-64.6	-61.5	-71.6	8.3	-9.5	-1.5	-409.4
1985	25	-1408.7	-59.8	-55.9	-65.6	7.0	-7.5	-1.6	-374.6
1986	36	-1386.3	-58.3	-55.1	-64.5	7.4	-7.6	-1.4	-367.7
1987	49	-1340.4	-57.3	-56.2	-62.5	4.9	-13.0	-1.7	-369.7
1988	20	-1294.7	-52.4	-52.7	-60.5	11.0	-9.1	-1.8	-344.2
1989	17	-1387.5	-59.6	-52.6	-64.6	4.2	-3.1	-1.5	-360.1
1990	17	-1168.9	-43.4	-45.0	-54.7	16.9	-3.1	-1.7	-291.9
1991	16	-870.2	-34.6	-36.4	-41.1	7.6	-7.8	-1.8	-234.2
1992	20	-1076.1	-42.6	-41.6	-50.5	10.8	-3.1	-1.6	-275.5
1993	22	-841.6	-36.8	-34.1	-39.7	2.5	-5.3	-1.8	-229.3
1994	19	-677.5	-29.2	-31.8	-32.2	1.9	-11.4	-1.8	-201.3
1995	13	-701.5	-35.5	-30.8	-33.5	-7.0	-7.8	-2.0	-211.2
1996	19	-579.5	-25.1	-26.1	-27.6	2.6	-7.4	-1.5	-167.8
1997	20	-612.0	-26.2	-27.1	-29.3	2.0	-7.3	-1.9	-175.1
1998	16	-503.2	-26.1	-19.8	-24.2	-5.1	-2.2	-1.7	-143.1
1999	34	-528.7	-21.1	-20.0	-25.4	4.4	-0.6	-1.7	-133.7
2000	25	-375.1	-16.6	-16.5	-18.6	0.6	-4.3	-2.1	-107.8
2001	22	-244.1	-19.5	-13.1	-7.3	-13.6	-6.5	6.3	-96.9
2002	21	-217.4	-15.4	-10.1	-4.9	-7.8	-2.5	8.2	-75.2
2003	22	-296.9	-18.6	-12.0	-10.4	-8.2	-1.3	5.4	-91.5
2004	22	-383.2	-22.0	-15.6	-12.3	-7.7	-1.8	9.3	-114.0
2005	31	-427.1	-20.8	-14.9	-15.4	-2.2	1.8	7.6	-109.4
2006	24	-288.8	-21.1	-11.5	-7.6	-12.7	-0.9	9.4	-93.7
2007	25	-176.2	-13.8	-7.1	-4.6	-9.0	-0.6	5.6	-59.4
2008	20	-100.0	-7.4	-3.0	-1.4	-4.0	1.4	5.1	-28.1
2009	22	95.0	-4.7	2.0	8.6	-12.9	-1.6	6.7	1.0
2010	12	158.5	9.3	6.3	7.1	4.0	1.0	-0.3	47.8
2011	16	4.4	14.8	5.1	-1.0	25.0	8.8	-2.2	51.7
2012	12	38.5	11.1	3.1	-0.3	15.5	2.9	-3.2	35.8

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

Tabel: 69 Maas Rijn IJssel: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	10	89.0	95.6	90.9	90.7	103.6	99.4	97.6
1981	24	91.3	96.6	93.3	92.2	102.2	98.9	98.5
1982	19	91.5	97.6	94.7	93.7	102.4	99.7	99.3
1983	14	91.6	96.0	93.4	92.5	102.9	97.6	97.9

1984	35	92.2	95.7	93.7	94.1	101.4	99.6	98.3
1985	19	93.2	96.5	94.7	94.3	101.5	99.4	99.0
1986	27	92.8	96.1	93.7	94.1	101.4	98.9	98.1
1987	29	93.2	96.1	93.8	94.2	101.7	99.2	99.0
1988	12	91.6	96.2	94.4	94.1	101.1	99.1	97.8
1989	14	92.5	98.9	96.1	94.5	103.2	100.4	99.1
1990	13	93.0	95.8	94.9	94.1	101.1	100.5	99.6
1991	14	93.4	95.6	95.4	94.4	100.9	100.1	98.6
1992	12	95.7	97.7	97.5	95.8	101.3	99.8	100.3
1993	20	95.2	97.0	95.7	94.7	101.2	98.5	98.2
1994	14	94.5	97.5	96.4	95.6	100.5	97.8	99.4
1995	11	96.6	98.2	97.7	96.3	100.0	99.5	100.9
1996	17	95.4	97.4	96.2	94.9	101.5	100.9	100.0
1997	19	96.4	96.1	97.3	96.8	99.3	98.6	99.2
1998	15	96.1	98.5	98.2	97.2	99.7	99.3	99.2
1999	29	96.2	98.0	97.3	96.9	99.6	99.4	97.5
2000	20	97.7	98.5	97.7	96.5	100.5	100.0	100.3
2001	18	97.5	98.8	98.8	98.2	99.4	99.8	100.0
2002	15	98.3	97.7	98.6	97.8	99.7	99.7	99.7
2003	17	97.9	97.8	97.6	97.2	99.1	98.4	98.6
2004	13	100.5	99.7	100.1	99.1	100.0	100.8	100.5
2005	15	98.9	99.2	99.0	98.4	99.7	99.6	100.1
2006	11	99.5	99.5	99.1	97.9	100.1	101.9	100.8
2007	15	99.7	99.2	99.0	98.4	99.5	100.3	101.5
2008	14	98.8	99.1	98.7	98.4	99.1	99.6	101.5
2009	10	100.3	99.6	99.9	99.5	99.5	98.8	99.2

Tabel: 70 Maas Rijn IJssel: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	10	90.2	101.3	97.9	87.3	88.7
1981	24	91.7	99.6	99.9	89.7	90.7
1982	19	92.3	102.5	97.5	90.3	91.9
1983	14	92.4	100.6	99.4	90.8	91.3
1984	35	93.4	98.3	99.9	91.3	92.7
1985	19	92.7	99.7	98.7	91.2	91.8
1986	27	95.3	97.7	100.0	92.8	94.0
1987	29	93.5	100.4	98.5	90.9	92.6
1988	12	92.2	100.0	98.3	90.8	91.7
1989	14	92.8	100.7	96.8	90.7	92.4
1990	13	91.3	101.7	96.0	89.6	90.8
1991	14	92.6	101.3	97.1	91.2	92.1
1992	12	94.8	100.5	99.5	92.8	93.7
1993	20	95.2	98.7	99.8	93.1	94.6
1994	14	94.1	100.8	98.7	92.1	93.4

1995	11	95.5	99.7	98.9	94.0	95.2
1996	17	95.5	98.6	100.1	93.6	94.6
1997	19	94.7	101.9	97.3	93.4	94.4
1998	15	95.1	101.0	98.3	94.7	94.8
1999	29	96.4	101.2	99.0	95.3	95.7
2000	20	96.1	99.3	100.8	96.5	95.8
2001	18	96.6	100.8	99.3	95.8	95.6
2002	15	95.7	101.9	99.3	96.3	95.7
2003	17	96.8	100.6	99.8	96.2	96.2
2004	13	97.5	99.2	101.3	96.6	96.6
2005	15	98.0	100.3	101.1	98.5	97.5
2006	11	97.0	100.9	99.7	96.5	96.1
2007	15	96.7	99.0	100.5	97.1	96.3
2008	14	97.6	101.0	100.0	96.6	97.0
2009	10	98.4	100.1	101.8	98.5	98.8

Tabel: 71 Maas Rijn IJssel: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	10	94.8	90.5	100.6	96.7	92.5	93.3	90.9
94.2								
1981	24	95.1	92.1	102.1	96.3	92.6	93.2	91.5
94.1								
1982	19	93.7	91.1	103.5	94.9	91.3	92.5	91.0
94.0								
1983	14	95.8	91.9	103.9	96.7	93.5	92.8	91.4
95.6								
1984	35	95.0	90.9	104.2	96.1	93.7	92.7	90.8
95.8								
1985	19	95.5	91.9	104.5	96.4	93.9	93.1	91.6
96.3								
1986	27	96.1	92.1	105.0	96.5	94.7	93.3	92.0
96.6								
1987	29	95.8	92.3	102.8	97.0	93.8	94.1	92.3
95.3								
1988	12	94.8	92.0	103.0	95.2	93.0	93.8	91.8
94.2								
1989	14	94.3	92.1	103.6	95.2	92.3	93.6	92.1
94.6								
1990	13	95.2	92.5	106.0	96.1	93.5	93.8	92.4
96.7								
1991	14	96.1	95.6	105.1	96.6	94.2	93.8	93.6
96.8								

1992	12	96.4	94.0	103.3	96.6	94.4	93.7	92.2
95.3								
1993	20	96.8	94.2	103.2	97.3	94.6	94.8	93.6
95.0								
1994	14	95.4	93.3	103.7	96.4	95.2	94.0	92.6
96.9								
1995	11	97.3	96.0	103.3	97.9	96.2	96.5	95.8
97.3								
1996	17	95.7	95.4	102.8	96.9	94.6	95.2	94.8
95.7								
1997	19	95.2	94.6	103.4	96.2	93.8	94.4	94.3
96.4								
1998	15	96.1	94.0	103.7	96.4	95.1	93.9	92.7
96.6								
1999	29	96.0	95.4	104.4	96.4	95.7	96.0	95.3
96.6								
2000	20	97.0	95.3	103.8	97.9	96.2	95.7	95.5
97.2								
2001	18	96.1	95.1	103.5	96.6	94.8	94.8	94.6
96.6								
2002	15	97.0	94.8	102.7	98.1	95.1	96.0	95.1
96.3								
2003	17	98.3	97.2	101.7	99.3	96.9	97.1	96.6
96.8								
2004	13	96.7	96.1	103.0	98.3	96.4	96.2	96.2
97.8								
2005	15	99.0	98.7	101.9	100.2	98.8	97.8	98.1
99.3								
2006	11	95.7	95.5	103.2	98.1	96.2	96.4	96.4
97.7								
2007	15	98.3	97.5	102.5	99.2	97.8	96.9	97.1
98.9								
2008	14	96.4	98.1	104.5	97.8	98.6	98.6	98.5
99.8								
2009	10	96.4	97.7	104.7	97.4	99.8	98.9	98.6
99.8								

Tabel: 72 Maas Rijn IJssel: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	10	90.0	86.4	88.8	87.2	104.8	81.0
1981	24	92.3	88.8	89.0	89.5	103.1	83.5
1982	19	94.0	90.8	87.0	90.5	103.8	84.1
1983	14	91.4	89.0	89.3	90.2	102.6	84.0
1984	35	92.5	89.4	88.7	91.2	101.8	84.6

1985	19	93.6	89.8	89.6	90.2	102.3	84.7
1986	27	92.5	89.7	90.0	92.5	101.5	86.3
1987	29	93.1	89.8	90.2	91.5	102.3	85.8
1988	12	92.5	88.7	88.9	89.9	102.0	83.8
1989	14	95.6	92.1	88.4	91.0	104.3	85.5
1990	13	94.3	89.2	89.6	89.0	102.8	84.0
1991	14	93.8	89.4	91.4	90.3	101.6	85.6
1992	12	96.9	93.0	90.9	92.8	102.4	88.2
1993	20	94.1	91.5	92.0	93.6	101.1	88.5
1994	14	94.7	91.5	90.8	92.3	100.9	87.2
1995	11	97.7	93.4	93.9	94.0	101.5	90.8
1996	17	96.3	92.4	92.1	93.5	102.0	89.1
1997	19	95.3	91.6	90.8	93.1	99.8	87.9
1998	15	96.9	93.5	91.1	93.9	100.4	89.3
1999	29	95.6	92.8	92.6	95.0	100.1	90.2
2000	20	97.7	94.0	93.4	95.2	100.9	91.5
2001	18	98.2	94.7	91.8	95.2	100.5	91.0
2002	15	97.3	93.7	93.0	94.7	100.3	90.8
2003	17	96.4	93.2	95.8	95.8	99.6	92.5
2004	13	100.5	96.2	94.1	96.2	101.2	93.3
2005	15	98.7	96.1	97.7	97.3	100.6	95.3
2006	11	100.2	95.2	93.5	95.6	101.2	92.4
2007	15	99.7	95.2	96.1	95.5	101.1	93.5
2008	14	99.3	95.6	96.1	96.6	99.9	94.1
2009	10	98.9	96.7	96.7	98.6	99.9	96.0

Tabel: 73 Maas Rijn IJssel: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	14	102.8	100.4	100.1	100.8	100.0	100.3	86.1	100.4
100.3									
1981	26	103.4	99.6	99.7	100.1	100.0	100.7	87.1	99.5
100.1									
1982	23	102.6	99.2	99.0	99.4	99.3	101.4	86.5	99.0
99.5									
1983	37	101.6	101.1	99.6	100.9	99.6	100.2	85.5	100.4
100.0									
1984	60	101.7	100.8	99.5	100.7	99.5	100.3	86.2	100.2
99.9									
1985	31	100.7	101.3	99.2	100.9	98.9	99.5	87.2	100.2
99.5									

1986	40	100.7	100.4	98.8	100.0	98.5	99.4	87.5	99.5
99.1									
1987	52	101.7	100.9	99.7	100.8	99.7	100.7	87.7	100.3
100.1									
1988	20	100.9	99.8	98.2	99.5	98.3	99.4	87.0	98.7
98.6									
1989	17	100.9	100.2	98.6	99.6	98.6	100.3	87.9	99.3
99.2									
1990	17	102.3	98.8	98.5	98.9	99.2	101.4	87.2	98.4
99.2									
1991	16	100.9	99.1	97.9	98.2	98.4	99.9	90.2	98.1
98.6									
1992	20	100.9	99.9	98.8	99.2	98.7	99.7	89.8	99.2
99.0									
1993	22	100.8	99.9	99.1	99.6	99.2	100.3	90.9	99.4
99.4									
1994	19	100.5	97.6	97.2	97.2	97.8	100.0	89.9	96.9
97.7									
1995	13	101.3	99.4	99.1	99.2	99.5	100.5	90.8	99.2
99.6									
1996	19	100.0	100.2	98.8	99.4	98.7	99.2	92.7	99.4
98.9									
1997	22	98.2	100.1	97.1	98.5	96.5	97.6	92.3	98.2
97.3									
1998	20	100.5	99.0	98.5	98.5	98.5	99.8	92.5	98.5
98.6									
1999	36	99.8	98.7	98.1	98.3	98.4	99.8	93.9	98.2
98.4									
2000	27	98.6	99.3	97.4	98.1	97.2	98.6	94.4	98.1
97.7									
2001	25	99.4	98.6	97.6	97.9	97.6	99.6	94.5	97.8
98.0									
2002	21	98.4	99.0	97.6	98.0	97.5	99.4	94.6	98.1
97.9									
2003	24	99.5	98.7	98.1	98.0	98.2	99.2	96.2	98.2
98.2									
2004	27	98.4	99.9	97.9	98.7	97.6	97.9	96.2	98.6
98.0									
2005	33	99.1	99.5	98.1	98.8	98.4	99.5	95.4	98.6
98.6									
2006	26	98.9	99.3	97.8	98.2	98.0	99.7	95.7	98.2
98.2									
2007	31	98.9	98.7	98.0	98.2	97.8	98.5	96.6	98.2
97.9									
2008	22	98.9	99.6	98.7	98.8	98.5	100.0	98.9	98.9
99.0									
2009	24	99.8	98.4	98.2	98.0	98.5	99.2	97.5	98.0
98.2									
2010	12	100.0	99.8	99.9	100.0	99.8	99.0	99.4	100.0
99.7									



2011	16	100.7	99.6	100.2	100.0	100.4	98.9	99.2	99.9
99.8									
2012	14	99.3	100.1	99.6	99.8	99.1	97.9	99.4	99.8
99.1									

Tabel: 74 Maas Rijn IJssel: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	11	96.0	93.9	98.1	101.9	102.2
1981	25	98.1	94.6	97.0	101.0	101.6
1982	19	98.8	94.7	95.3	99.5	99.5
1983	14	96.9	92.6	97.5	101.8	102.0
1984	32	97.8	93.7	96.1	99.9	100.5
1985	19	97.5	93.2	96.0	99.8	100.5
1986	28	97.6	93.3	96.5	99.6	100.5
1987	25	97.1	93.7	97.2	100.9	101.0
1988	12	99.0	92.4	95.3	99.5	100.0
1989	14	98.1	93.4	95.9	99.5	100.8
1990	13	98.2	91.8	97.1	100.5	100.8
1991	14	98.0	94.4	96.6	99.9	100.2
1992	15	98.7	94.3	95.7	98.8	99.7
1993	20	99.3	96.8	97.0	100.2	100.1
1994	14	97.7	93.2	95.9	99.3	99.2
1995	11	99.0	95.0	96.0	98.6	98.8
1996	17	99.1	96.1	96.4	98.9	99.6
1997	19	98.7	94.5	96.5	98.7	99.5
1998	15	98.1	95.3	94.1	96.8	97.4
1999	29	98.3	95.7	95.7	98.0	98.5
2000	20	99.3	97.8	97.2	99.6	99.5
2001	18	98.0	94.9	96.7	98.9	99.2
2002	14	98.9	96.6	97.9	100.0	99.4
2003	17	99.4	97.2	96.5	98.8	98.6
2004	14	99.4	98.4	96.9	98.7	98.6
2005	15	99.4	97.0	95.2	97.5	97.2
2006	13	98.9	96.7	95.7	98.0	98.3
2007	21	99.2	98.0	97.0	98.7	99.0
2008	13	98.4	98.7	97.0	98.7	99.3
2009	19	99.2	97.7	98.0	99.5	99.2
2010	12	101.4	99.2	98.1	99.6	98.9
2011	14	100.6	99.4	97.9	99.4	98.6
2012	11	99.9	99.4	97.8	98.9	98.7

Tabel: 75 Maas Rijn IJssel: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1981 0.0	22	-262.0	-422.0	-338.0	101.6	100.1	89.0	89.5	96.5
1982 0.0	19	-254.6	-362.0	-319.4	99.4	99.5	87.0	90.5	96.0
1983 0.0	23	-243.9	-433.7	-296.7	102.2	100.0	89.3	90.2	96.6
1984 0.0	45	-253.2	-409.4	-463.1	100.3	99.9	88.7	91.2	96.9
1985 66.0	25	-244.1	-374.6	-400.4	100.3	99.5	89.6	90.2	96.8
1986 65.1	36	-240.9	-367.7	-437.5	100.2	99.1	90.0	92.5	96.5
1987 63.3	49	-216.4	-369.7	-380.3	101.1	100.1	90.2	91.5	96.1
1988 66.1	20	-241.5	-344.2	-442.9	99.8	98.6	88.9	89.9	96.2
1989 37.9	17	-259.5	-360.1	-569.2	100.4	99.2	88.4	91.0	96.6
1990 51.2	17	-238.2	-291.9	-441.5	100.6	99.2	89.6	89.0	95.5
1991 51.2	16	-217.8	-234.2	-402.0	100.1	98.6	91.4	90.3	95.8
1992 25.3	20	-220.6	-275.5	-493.1	99.2	99.0	90.9	92.8	96.2
1993 38.0	22	-176.7	-229.3	-381.6	100.3	99.4	92.0	93.6	96.5
1994 38.7	19	-197.6	-201.3	-396.0	99.2	97.7	90.8	92.3	97.1
1995 22.2	13	-170.4	-211.2	-340.7	98.5	99.6	93.9	94.0	97.1
1996 30.8	19	-152.5	-167.8	-258.0	99.3	98.9	92.1	93.5	97.3
1997 40.3	20	-190.3	-175.1	-296.0	99.0	97.3	90.8	93.1	97.1
1998 22.9	16	-179.9	-143.1	-318.2	96.9	98.6	91.1	93.9	96.7
1999 31.4	34	-147.5	-133.7	-214.6	98.1	98.4	92.6	95.0	96.8
2000 16.5	25	-132.3	-107.8	-200.6	99.4	97.7	93.4	95.2	97.5

2001 18.7	22	-135.5	-96.9	-160.6	98.9	98.0	91.8	95.2	97.4
2002 22.1	21	-116.5	-75.2	-116.3	99.6	97.9	93.0	94.7	97.6
2003 29.7	22	-112.7	-91.5	-133.0	98.6	98.2	95.8	95.8	97.5
2004 2.6	22	-127.4	-114.0	-185.6	98.5	98.0	94.1	96.2	97.1
2005 11.6	31	-117.4	-109.4	-166.8	97.1	98.6	97.7	97.3	97.7
2006 7.3	24	-114.0	-93.7	-123.2	97.9	98.2	93.5	95.6	98.0
2007 7.4	25	-93.8	-59.4	-51.4	98.7	97.9	96.1	95.5	97.7
2008 12.4	20	-68.2	-28.1	-40.8	98.9	99.0	96.1	96.6	97.7
2009 2.0	22	-44.9	1.0	-15.8	99.2	98.2	96.7	98.6	97.7
2010 11.8	12	1.9	47.8	71.0	99.0	99.7	104.7	99.0	98.9
2011 -0.2	16	-1.9	51.7	128.9	98.8	99.8	98.8	100.7	99.4
2012 -5.4	12	-26.1	35.8	20.8	98.7	99.1	98.0	103.0	98.8

Tabel: 76 Maas Rijn IJssel: Klauwgezondheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1986	11	96.4	96.1	100.7	100.5	96.1	96.8	95.2
1993	10	94.9	96.5	98.4	97.4	97.5	96.0	96.4
1997	11	95.4	96.9	99.3	98.5	96.2	96.5	96.1
1998	12	96.7	97.0	100.3	99.4	96.8	97.3	96.2
1999	23	95.9	96.9	99.3	99.0	97.6	97.0	96.0
2000	15	96.9	98.1	99.4	99.5	98.3	97.4	97.0
2001	14	96.6	97.9	99.6	99.0	97.9	97.4	97.0
2002	13	96.8	98.2	99.4	98.7	98.1	97.5	97.4
2004	11	97.9	98.5	99.6	99.6	99.1	99.3	98.1
2005	15	97.9	98.9	100.0	99.7	98.7	98.7	97.7
2006	13	96.6	99.2	99.2	99.1	98.8	96.9	97.6
2007	17	98.5	99.5	100.0	99.6	99.4	98.1	98.9
2008	11	96.9	98.8	98.8	99.5	98.5	97.0	97.7
2009	19	97.9	98.6	99.7	100.4	98.7	98.7	97.8
2010	12	99.1	98.8	100.0	100.6	98.6	99.8	99.3
2011	14	97.6	100.0	98.1	98.2	98.6	97.9	100.7

2012            12    97.5    99.2    98.8    98.8    99.0    98.8    100.2

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Tabel: 77 Maas Rijn IJssel: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1981	21	96.4	99.3	96.4	99.3	97.8	100.2
1982	19	95.3	99.6	95.3	99.6	96.7	99.8
1983	12	95.9	98.4	95.9	98.4	96.8	99.7
1984	25	96.0	99.5	96.0	99.5	97.1	100.3
1985	16	97.0	98.9	97.0	98.9	97.6	99.8
1986	23	96.0	99.3	96.0	99.3	97.1	99.7
1987	22	95.9	98.9	95.9	98.9	97.2	99.3
1988	10	96.8	98.9	96.8	98.9	97.9	99.2
1989	16	96.7	99.1	96.7	99.1	97.8	99.2
1990	13	95.3	98.8	95.3	98.8	96.8	98.5
1991	16	95.8	99.1	95.8	99.1	97.4	99.2
1992	20	96.3	98.9	96.3	98.9	97.3	99.3
1993	22	96.6	99.3	96.6	99.3	99.4	99.7
1994	19	96.2	99.8	96.2	99.8	97.6	99.8
1995	13	96.2	99.8	96.2	99.8	98.1	99.4
1996	18	97.1	99.3	97.1	99.3	98.6	99.9
1997	22	96.9	99.4	96.9	99.4	97.7	99.8
1998	20	96.5	99.2	96.5	99.2	97.8	99.2
1999	36	96.5	99.1	96.5	99.1	98.6	99.1
2000	27	98.3	98.9	98.3	98.9	99.8	99.7
2001	25	97.8	98.9	97.8	98.9	99.5	99.9
2002	21	97.3	99.6	97.3	99.6	99.6	99.6
2003	24	98.0	98.9	98.0	98.9	100.2	99.3
2004	27	97.0	99.0	97.0	99.0	98.9	99.1
2005	33	97.9	99.1	97.9	99.1	99.8	99.7
2006	26	97.9	99.7	97.9	99.7	99.8	100.1
2007	33	97.5	99.4	97.4	99.4	99.4	99.4
2008	22	97.7	99.6	97.7	99.6	100.1	100.0
2009	24	97.6	99.4	97.5	99.3	99.7	99.1
2010	13	97.1	100.6	96.9	100.6	99.2	100.1
2011	16	96.9	101.4	96.9	101.4	100.6	101.6
2012	16	96.8	100.7	96.7	100.7	99.2	100.0
2014	10	97.2	100.4	97.2	100.1	99.9	100.3

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Tabel: 78 Maas Rijn IJssel: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	94.6	101.5	104.7	97.4	99.1	99.9
1981	25	95.6	100.5	104.4	98.7	97.9	99.0
1982	20	93.8	101.8	105.7	98.4	99.1	99.5
1983	16	96.0	101.8	104.2	99.2	98.7	99.5
1984	39	96.2	101.2	103.8	99.1	99.3	99.9
1985	23	96.4	100.9	103.8	99.1	99.7	100.0
1986	33	96.8	100.9	102.9	98.0	100.1	100.5
1987	36	96.0	101.2	103.9	98.1	99.6	100.2
1988	14	96.3	101.4	103.7	100.1	98.1	97.8
1989	17	95.4	101.4	104.4	98.6	99.5	98.9
1990	14	95.6	102.2	104.1	98.9	99.4	98.8
1991	15	96.2	103.7	103.9	96.9	100.3	102.4
1992	20	96.5	102.2	103.7	98.4	100.0	100.7
1993	20	97.7	100.2	102.3	96.8	100.3	101.8
1994	17	96.5	101.4	103.6	99.1	99.9	100.0
1996	15	99.7	101.6	100.9	98.1	100.9	101.3
1997	18	97.2	101.8	102.8	98.8	100.6	99.6
1998	17	96.9	101.7	102.9	97.5	100.0	101.1
1999	35	98.3	100.6	101.6	97.3	101.1	101.9
2000	26	98.9	100.6	101.6	97.6	100.8	101.9
2001	25	97.9	99.7	102.1	98.8	100.3	100.3
2002	20	97.0	100.5	103.8	100.8	100.2	100.2
2003	24	97.4	100.2	102.8	98.2	101.9	102.0
2004	26	96.7	99.6	103.5	98.0	101.4	101.7
2005	30	97.6	99.3	102.4	98.7	100.0	100.5
2006	24	97.8	100.2	102.3	98.7	100.2	100.6
2007	29	98.8	100.0	101.6	97.0	101.9	102.6
2008	21	96.9	100.9	103.5	98.5	100.5	102.0
2009	24	98.2	99.7	102.2	97.0	102.0	102.5
2010	13	99.8	99.0	100.8	98.0	101.2	100.5
2011	16	100.8	98.7	100.1	101.5	98.4	96.3
2012	14	98.7	98.9	102.1	98.9	100.6	99.5
2014	10	98.4	100.1	101.5	96.8	101.8	102.1

Tabel: 79 Maas Rijn IJssel: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	10	106.6	108.5	96.9	101.7	112.1	94.7	105.1	98.6	110.5	96.5	103.9

1981	24	105.8	108.1	98.0	102.4	109.8	97.0	103.9	99.9	109.1	98.0
103.9											
1982	19	105.9	106.8	98.4	101.8	109.7	96.3	104.4	99.4	108.4	98.2
103.7											
1983	13	104.9	107.2	96.8	101.8	109.2	96.6	103.2	99.7	108.6	97.1
103.6											
1984	28	104.7	105.7	96.5	101.3	108.5	96.3	103.5	99.5	107.3	97.5
102.8											
1985	17	105.4	106.5	96.7	102.3	108.4	97.0	103.7	100.4	107.6	97.7
103.7											
1986	24	104.9	105.3	96.3	101.5	108.2	95.7	103.5	100.0	106.8	96.5
103.1											
1987	23	106.0	106.6	97.2	103.0	109.0	96.3	104.8	99.4	107.8	97.9
104.0											
1988	12	105.1	105.8	98.3	101.3	108.8	97.6	103.4	99.7	107.7	98.2
103.4											
1989	16	106.6	106.9	96.1	102.9	109.9	95.9	104.8	100.4	108.4	96.8
104.8											
1990	14	103.6	106.4	96.9	101.9	107.3	97.9	102.7	98.4	107.2	98.1
103.3											
1991	16	102.7	104.2	97.7	101.1	104.9	97.6	101.6	100.5	104.6	98.1
101.5											
1992	20	105.4	105.7	98.0	103.0	107.1	97.5	103.8	101.2	106.2	98.3
104.0											
1993	21	104.9	104.6	99.1	102.0	107.0	97.4	103.7	101.0	105.1	99.4
102.2											
1994	16	104.3	103.4	98.9	101.6	105.8	97.5	103.2	100.9	104.3	99.1
102.2											
1995	13	102.8	102.1	99.4	100.8	104.1	98.1	102.4	99.8	102.8	99.2
101.3											
1996	19	103.4	103.8	98.8	101.6	105.4	97.6	102.4	100.1	104.3	98.9
102.1											
1997	22	102.0	102.3	98.3	100.7	103.9	98.5	100.8	100.1	103.4	98.8
101.8											
1998	20	102.2	101.7	99.3	101.2	103.5	98.5	101.6	100.0	102.2	99.3
101.8											
1999	36	102.2	101.6	100.0	100.9	104.0	98.9	101.6	99.9	102.2	100.5
100.3											
2000	27	101.3	102.1	98.7	101.7	102.3	99.0	100.7	99.6	101.7	99.7
100.7											
2001	25	100.9	100.8	100.1	101.0	101.4	99.4	100.8	99.7	100.6	100.6
100.1											
2002	21	102.4	101.8	99.9	101.6	102.7	98.4	101.7	101.2	101.7	100.0
101.0											
2003	24	101.4	101.6	99.6	101.7	101.9	99.6	100.5	100.6	101.6	99.9
100.8											
2004	27	100.5	102.2	98.1	102.7	101.3	99.3	100.6	98.7	101.1	99.3
101.6											
2005	30	101.2	102.3	98.7	101.7	103.2	98.4	101.4	98.3	102.1	98.4
101.4											

2006	23	101.7	101.6	99.3	101.0	103.2	98.5	101.3	99.8	101.4	99.3
100.3											
2007	24	100.5	100.5	98.5	101.0	101.3	99.0	100.7	99.3	100.4	98.8
101.0											
2008	19	99.9	100.4	99.6	100.5	101.2	99.8	99.7	99.5	100.4	99.4
99.9											
2009	23	99.8	100.3	99.6	100.7	100.7	99.3	100.0	98.2	100.1	99.5
99.8											
2010	12	97.4	98.3	98.5	100.2	97.3	100.9	97.9	99.0	98.2	99.2
99.0											
2011	15	98.3	99.7	98.7	101.0	98.3	100.1	98.0	100.2	99.2	98.9
99.7											
2012	12	97.7	99.9	98.5	101.3	97.8	100.8	98.1	99.4	99.1	99.1
100.4											

Tabel: 80 Maas Rijn IJssel: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	20	94.8	95.7	102.5
1982	18	94.1	95.6	102.2
1983	10	95.1	96.0	102.6
1984	21	94.9	96.1	102.5
1985	15	94.7	95.7	102.3
1986	19	93.9	95.3	101.4
1987	22	95.0	96.0	102.0
1988	10	94.4	95.0	102.6
1989	16	95.0	95.8	102.8
1990	13	94.8	95.9	101.8
1991	15	94.3	95.6	101.7
1992	20	94.7	95.6	102.1
1993	20	95.0	96.2	101.7
1994	17	95.0	96.1	102.2
1995	10	95.4	96.9	101.5
1996	15	95.2	96.5	101.7
1997	18	95.4	96.8	101.7
1998	12	95.8	97.2	102.2
1999	29	96.0	97.2	101.7
2000	19	95.5	97.1	101.7
2001	22	96.4	97.8	102.3
2002	16	96.1	97.2	101.4
2003	21	97.5	98.5	101.5
2004	23	97.4	98.6	101.1
2005	26	96.7	98.2	100.5
2006	26	96.7	97.9	100.9

2007	31	97.4	98.1	101.9
2008	20	97.3	98.3	101.5
2009	22	98.8	99.0	102.6
2010	13	100.1	100.3	100.8
2011	16	98.8	100.2	98.8
2012	16	99.5	100.0	100.1
2014	10	99.2	99.2	100.6

Tabel: 81 Maas Rijn IJssel: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	22	-1860.0	-7377.1	-326.0	-261.2
2002	21	-1488.4	-5966.3	-260.4	-209.0
2003	22	-1646.9	-6727.9	-288.0	-231.0
2004	22	-1908.5	-7740.8	-330.9	-269.0
2005	31	-1845.8	-7687.6	-321.3	-258.8
2006	24	-1434.8	-5710.6	-260.7	-196.5
2007	25	-614.4	-2433.9	-113.8	-83.1
2008	20	-875.3	-3796.2	-156.2	-120.5
2009	22	201.6	1159.3	20.6	34.7
2010	12	1588.4	6459.8	279.0	222.6
2011	16	1471.9	5237.1	279.0	198.2
2012	12	1333.7	5530.9	244.0	181.7

Tabel: 82 Maas Rijn IJssel: Robot / AMS kenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1981	10	93.0	92.3	100.5	90.0
1984	10	94.5	89.3	99.5	88.1
1986	11	95.5	89.2	100.1	89.3
1991	10	93.8	88.8	98.4	86.8
1993	10	96.3	91.8	98.9	91.1
1997	10	95.9	92.1	98.7	89.8
1999	17	97.9	91.8	99.8	92.7
2007	13	98.8	94.9	99.4	95.3
2009	13	96.8	94.9	98.5	93.0
2010	11	99.8	97.0	99.0	97.1
2011	13	101.3	97.8	99.0	99.0



Tabel: 83 Maas Rijn IJssel: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1981	22	94.8	99.3	0	0.0	0.0	0	0.0
1982	19	96.2	100.4	0	0.0	0.0	0	0.0
1983	23	96.3	100.1	0	0.0	0.0	0	0.0
1984	45	95.9	99.6	0	0.0	0.0	0	0.0
1985	25	96.6	99.8	19	-3.4	66.0	0	0.0
1986	36	96.5	100.1	27	-3.3	65.1	0	0.0
1987	49	96.6	99.8	29	-3.1	63.3	0	0.0
1988	20	95.1	99.0	12	-3.1	66.1	0	0.0
1989	17	95.2	99.1	14	-3.0	37.9	0	0.0
1990	17	95.9	98.9	13	-2.3	51.2	0	0.0
1991	16	95.1	99.4	14	-2.4	51.2	0	0.0
1992	20	93.5	98.5	13	-2.1	25.3	0	0.0
1993	22	95.3	99.0	20	-2.1	38.0	0	0.0
1994	19	96.1	98.3	14	-1.7	38.7	0	0.0
1995	13	96.8	98.8	11	-1.7	22.2	0	0.0
1996	19	97.6	99.2	18	-1.6	30.8	0	0.0
1997	20	96.5	99.2	19	-1.7	40.3	0	0.0
1998	16	95.6	98.5	15	-1.2	22.9	0	0.0
1999	34	96.6	98.0	29	-1.3	31.4	0	0.0
2000	25	98.5	100.0	20	-0.8	16.5	0	0.0
2001	22	96.9	99.5	18	-0.7	18.7	18	98.0
2002	21	97.9	99.5	15	-0.8	22.1	15	97.7
2003	22	96.7	98.3	17	-1.1	29.7	17	96.7
2004	22	97.2	98.5	14	-0.3	2.6	14	100.3
2005	31	96.5	98.0	15	-0.5	11.6	15	98.9
2006	24	96.1	98.5	13	-0.5	7.3	13	99.5
2007	25	96.4	98.6	21	-0.4	7.4	21	99.6
2008	20	96.9	98.0	14	-0.3	12.4	14	98.6
2009	22	98.5	98.5	20	0.0	2.0	19	99.8
2010	12	97.8	99.5	12	0.1	11.8	12	98.4
2011	16	98.1	98.2	14	0.4	-0.2	14	100.0
2012	12	96.7	98.0	11	0.3	-5.4	11	100.7

Tabel: 84 Maas Rijn IJssel: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	15	99.6	0	0.0	0	0.0	15	94.8
1982	14	100.0	0	0.0	0	0.0	14	95.9

1984	19	99.9	0	0.0	0	0.0	19	96.3
1985	14	99.9	0	0.0	0	0.0	14	96.1
1986	21	100.1	1	104.0	1	101.0	21	96.4
1987	17	99.6	0	0.0	0	0.0	17	94.9
1989	14	99.9	0	0.0	0	0.0	14	96.3
1990	11	100.0	0	0.0	0	0.0	11	98.0
1991	14	99.9	0	0.0	0	0.0	14	96.7
1992	14	100.0	0	0.0	0	0.0	14	97.1
1993	17	99.8	0	0.0	0	0.0	17	95.7
1994	13	99.8	0	0.0	0	0.0	13	95.2
1996	15	99.9	0	0.0	0	0.0	15	96.8
1997	13	100.1	1	102.0	1	100.0	13	97.2
1999	23	99.9	0	0.0	0	0.0	23	96.5
2000	14	99.9	0	0.0	0	0.0	14	96.4
2001	16	99.9	0	0.0	0	0.0	16	96.6
2002	14	99.9	0	0.0	0	0.0	14	96.4
2003	15	99.7	0	0.0	1	98.0	15	95.4
2004	14	100.3	1	102.0	1	97.0	14	98.2
2005	23	100.0	0	0.0	0	0.0	23	97.0
2006	20	99.8	0	0.0	0	0.0	20	96.7
2007	22	99.8	1	102.0	2	97.0	22	96.5
2008	17	99.9	0	0.0	0	0.0	17	97.7
2009	22	100.2	3	101.7	2	99.0	22	98.8
2010	12	100.6	4	102.5	6	98.8	12	98.8
2011	16	100.0	3	102.3	4	99.2	16	99.6
2012	12	99.8	0	0.0	2	100.0	12	99.2

Tabel: 85 Maas Rijn IJssel: Reproductiestoornissen  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1999	11	100.2	99.2	99.5	100.1	100.3	100.5
2007	13	100.8	99.5	100.0	100.9	99.8	100.5
2009	11	101.2	99.9	100.5	101.4	100.5	101.2
2010	10	99.8	98.5	98.8	100.0	99.7	100.4
2011	12	100.5	99.3	99.8	100.4	100.6	100.8

Tabel: 86 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	15	-2570.5	-102.1	-98.8	-116.2	23.9	-11.0	1.5	-654.4

1985	22	-2594.9	-104.0	-100.5	-117.1	22.4	-12.3	1.9	-665.5
1986	51	-2535.4	-99.6	-99.7	-114.5	26.8	-14.0	1.7	-652.5
1987	163	-2609.1	-104.7	-101.7	-117.9	22.7	-13.5	1.7	-672.2
1988	318	-2580.0	-103.5	-99.5	-116.5	22.5	-11.3	1.7	-660.2
1989	496	-2563.5	-100.1	-97.5	-115.8	27.3	-8.7	1.7	-644.7
1990	779	-2577.4	-98.5	-97.3	-116.4	31.6	-7.4	1.7	-640.7
1991	1282	-2426.1	-89.4	-87.7	-109.5	34.2	-0.4	1.7	-580.2
1992	1712	-2303.1	-87.4	-85.0	-103.9	28.0	-3.2	1.6	-563.3
1993	1969	-2257.1	-88.1	-84.9	-101.8	23.1	-5.8	1.7	-563.8
1994	2565	-2157.0	-79.6	-79.5	-97.2	28.9	-2.9	1.6	-522.1
1995	2736	-2079.9	-76.8	-76.5	-93.7	27.5	-2.4	1.6	-503.1
1996	2483	-1991.9	-73.7	-74.6	-89.7	26.0	-4.4	1.7	-487.6
1997	2251	-1836.7	-68.8	-69.3	-82.6	22.0	-4.7	1.6	-453.2
1998	2165	-1789.7	-69.2	-68.0	-80.4	18.2	-5.2	1.6	-448.2
1999	1783	-1751.7	-66.8	-65.4	-78.7	18.9	-3.4	1.6	-432.2
2000	1297	-1555.3	-63.2	-60.5	-69.7	10.9	-6.3	1.6	-401.5
2001	1176	-1405.9	-62.2	-55.3	-62.9	2.3	-6.5	1.7	-376.1
2002	931	-1262.0	-58.2	-51.1	-56.2	-0.8	-7.7	1.8	-348.5
2003	846	-1197.6	-51.2	-47.2	-54.2	4.4	-5.5	0.6	-317.1
2004	826	-1076.3	-43.7	-42.9	-48.6	7.5	-5.1	0.7	-282.2
2005	732	-866.3	-40.7	-37.6	-39.8	-1.2	-8.1	-0.5	-251.6
2006	652	-828.2	-38.3	-35.4	-37.2	-0.1	-6.8	0.7	-237.1
2007	604	-836.0	-31.6	-31.7	-37.3	9.2	-1.5	1.0	-207.3
2008	487	-825.3	-30.6	-30.5	-37.0	9.5	-0.6	0.9	-200.5
2009	449	-757.4	-32.0	-30.5	-33.3	3.3	-4.0	1.7	-202.2
2010	285	-787.0	-35.1	-30.7	-34.2	1.2	-2.7	2.4	-209.7
2011	244	-723.9	-31.4	-27.9	-31.0	2.2	-2.1	2.7	-189.9
2012	175	-752.6	-33.4	-28.5	-32.8	1.4	-1.4	2.1	-196.9
2013	239	-596.4	-29.9	-23.9	-26.3	-3.3	-2.6	1.3	-168.7
2014	130	-585.3	-30.0	-24.1	-25.2	-3.7	-3.4	1.9	-169.3
2015	91	-533.5	-27.8	-21.2	-22.2	-4.0	-2.2	2.8	-152.1
2016	93	-473.4	-26.7	-18.5	-18.3	-5.9	-1.2	4.1	-137.5
2017	77	-415.5	-24.4	-17.0	-16.2	-6.5	-2.0	3.5	-125.8
2018	63	-131.8	-9.5	-7.3	-3.9	-3.4	-2.6	2.8	-50.9
2019	46	-343.4	-17.9	-12.4	-12.9	-2.4	0.3	3.7	-92.2
2020	37	-134.8	-11.8	-5.7	-3.5	-6.2	-0.4	3.4	-49.3
2021	19	-150.5	-5.0	-4.6	-6.7	3.1	1.4	0.2	-31.5

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

Tabel: 87 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	13	86.9	96.1	90.9	86.8	101.9	96.2	96.2
1986	32	87.2	94.7	89.6	85.9	102.3	96.2	95.5
1987	70	86.0	95.4	89.5	85.4	102.7	98.0	94.9

1988	175	86.5	95.9	89.6	84.8	103.3	98.1	96.0
1989	328	86.8	95.9	89.8	85.6	102.8	98.2	95.3
1990	498	87.3	96.1	90.3	85.8	102.8	97.9	96.0
1991	799	87.5	95.8	90.8	86.9	101.6	97.9	95.3
1992	1076	88.3	96.0	91.0	87.1	101.6	97.9	96.2
1993	1172	89.1	96.4	91.6	87.6	102.0	97.5	97.0
1994	1480	89.3	97.6	93.0	88.5	102.3	97.8	97.7
1995	1494	89.5	97.8	93.7	89.3	102.0	98.0	97.8
1996	1350	89.8	97.9	94.3	89.9	102.1	98.2	97.9
1997	1244	90.4	98.1	94.9	91.0	101.3	98.5	97.8
1998	1119	91.2	98.1	95.6	91.6	101.2	98.6	97.6
1999	903	91.1	98.0	95.4	91.6	101.0	98.3	97.7
2000	628	92.0	97.9	95.3	91.7	100.9	98.7	97.6
2001	547	92.4	98.0	95.1	91.7	100.8	98.4	97.7
2002	483	92.9	98.0	95.3	92.1	100.5	98.3	97.4
2003	430	93.5	98.9	96.5	93.3	100.8	99.7	96.8
2004	396	93.7	99.6	97.8	94.6	100.5	99.5	97.2
2005	331	94.0	99.8	98.0	94.8	100.2	100.2	97.7
2006	317	94.3	100.8	98.6	95.2	100.8	100.2	97.8
2007	279	94.0	101.5	99.0	95.5	101.3	100.8	96.7
2008	258	94.3	100.8	98.7	95.5	100.9	101.1	96.8
2009	239	94.8	100.6	98.6	95.6	101.0	101.5	96.3
2010	133	95.3	100.3	98.9	95.8	100.7	101.5	97.8
2011	133	96.0	100.1	98.9	95.6	100.6	101.5	98.0
2012	84	96.2	99.1	98.6	96.0	99.8	101.2	97.9
2013	116	96.0	99.5	98.3	95.7	100.0	101.0	98.2
2014	67	96.6	99.7	98.4	95.6	100.2	99.6	98.5
2015	42	97.1	100.3	99.1	95.7	100.3	101.1	98.8
2016	48	97.2	99.7	98.9	96.2	100.4	100.9	98.3
2017	31	97.7	101.2	99.0	96.4	101.7	101.4	98.9
2018	32	97.7	102.0	99.4	97.6	102.0	101.0	100.3
2019	17	98.6	99.6	98.5	96.8	100.9	100.9	100.4
2020	16	98.7	100.6	98.6	97.1	101.9	101.2	99.8

Tabel: 88 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	13	88.1	105.0	95.4	92.8	85.3
1986	32	89.3	103.9	95.9	93.6	86.0
1987	70	90.2	103.2	95.4	93.4	87.7
1988	175	91.0	102.8	96.0	94.0	88.7
1989	328	91.1	102.8	96.3	94.4	88.7
1990	498	91.3	102.9	96.3	94.0	89.0
1991	799	90.1	104.8	94.9	93.6	87.6
1992	1076	90.5	104.2	95.5	93.7	87.8

1993	1172	91.2	104.1	96.0	94.4	88.8
1994	1480	89.8	104.4	94.7	93.8	87.9
1995	1494	90.0	104.6	94.5	93.7	88.2
1996	1350	91.0	104.6	94.8	94.2	89.1
1997	1244	91.6	104.7	94.9	94.4	89.7
1998	1119	92.1	106.0	94.4	94.5	90.1
1999	903	92.7	105.3	95.0	94.6	90.6
2000	628	93.1	104.9	95.8	95.1	91.2
2001	547	93.4	104.2	96.9	95.1	91.6
2002	483	92.9	104.1	97.0	94.7	91.2
2003	430	93.4	103.5	97.3	95.9	92.2
2004	396	93.7	104.1	96.6	96.1	92.7
2005	331	93.2	104.5	95.9	96.1	92.6
2006	317	94.1	103.9	96.4	97.3	93.5
2007	279	95.1	102.5	97.4	98.7	95.3
2008	258	95.1	102.4	97.4	98.6	95.4
2009	239	95.1	102.2	97.7	98.7	95.6
2010	133	94.9	102.4	97.8	97.9	95.1
2011	133	96.2	102.0	98.7	98.1	96.6
2012	84	96.3	102.0	98.7	97.5	96.6
2013	116	97.1	101.6	99.1	97.9	97.1
2014	67	97.1	101.8	99.2	97.3	97.1
2015	42	96.8	102.0	98.9	97.6	96.6
2016	48	96.5	102.2	98.9	97.8	96.8
2017	31	97.0	101.3	100.4	98.9	97.3
2018	32	98.1	101.5	100.6	99.5	97.6
2019	17	97.8	102.2	99.6	98.1	97.9
2020	16	98.8	100.2	100.9	98.2	98.8

Tabel: 89 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	13	88.0	87.1	102.1	90.5	86.4	90.3	88.8
91.8								
1986	32	89.8	89.0	101.9	91.8	87.7	91.3	90.1
93.0								
1987	70	88.5	87.8	102.6	90.5	87.2	91.3	89.5
92.9								
1988	175	88.7	88.5	103.3	90.6	86.9	91.1	89.7
93.1								
1989	328	88.5	88.6	103.2	90.6	87.1	90.8	89.4
93.2								
1990	498	88.3	88.6	102.1	90.6	86.8	90.4	89.2
92.8								

1991	799	88.6	88.3	101.7	90.3	86.8	90.4	88.8
91.2								
1992	1076	89.0	88.3	101.5	90.7	87.0	90.3	88.9
91.5								
1993	1172	89.6	89.0	101.2	91.3	87.3	90.7	89.5
92.0								
1994	1480	89.3	90.2	100.3	90.3	86.3	91.3	90.5
90.5								
1995	1494	89.2	90.5	100.4	90.1	86.5	91.9	91.0
90.6								
1996	1350	89.1	90.9	100.6	89.8	87.0	92.1	91.3
91.6								
1997	1244	89.0	90.9	100.4	90.0	87.7	92.1	91.1
92.1								
1998	1119	88.8	90.7	100.6	89.7	88.1	92.5	91.2
92.1								
1999	903	89.1	91.3	100.5	90.2	88.7	93.1	91.8
92.7								
2000	628	89.5	91.6	100.7	90.8	89.3	93.7	92.6
93.1								
2001	547	90.0	91.3	101.6	91.2	89.6	93.8	92.2
92.7								
2002	483	89.8	91.0	101.1	90.9	89.9	93.6	91.8
92.5								
2003	430	90.9	92.5	100.4	91.6	90.5	94.2	92.9
93.2								
2004	396	91.2	93.6	100.5	91.3	90.8	95.3	94.3
93.7								
2005	331	91.1	93.5	101.2	91.0	91.4	95.1	94.4
94.2								
2006	317	91.8	93.9	100.7	91.7	91.6	95.3	94.7
94.3								
2007	279	91.7	94.8	99.7	91.6	91.1	95.1	94.4
93.9								
2008	258	92.2	95.2	99.4	92.2	91.7	95.5	95.1
94.5								
2009	239	92.4	95.4	99.5	92.7	91.8	95.8	95.4
94.7								
2010	133	92.6	95.5	99.5	93.2	92.5	96.3	96.0
95.2								
2011	133	93.2	96.2	99.5	94.0	93.0	96.9	96.8
95.2								
2012	84	93.9	96.8	99.6	94.5	94.2	97.8	97.6
95.8								
2013	116	93.9	96.6	99.4	94.8	93.8	97.4	97.4
95.0								
2014	67	94.5	96.9	99.9	95.1	94.2	97.7	97.8
95.5								
2015	42	94.4	97.0	100.5	95.1	94.5	97.6	97.7
96.5								

2016	48	95.6	97.5	100.5	96.4	95.2	98.6	98.6
96.8								
2017	31	96.2	97.5	99.9	97.6	95.0	98.6	98.4
96.7								
2018	32	97.8	97.2	100.8	98.7	96.5	98.2	97.3
97.9								
2019	17	97.5	98.7	101.5	98.2	97.8	99.7	99.2
99.1								
2020	16	98.6	97.4	99.9	99.7	97.4	98.7	97.6
98.3								

Tabel: 90 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	13	87.8	90.4	84.5	84.3	0.0	78.5
1986	32	87.3	89.1	86.8	85.2	0.0	79.7
1987	70	86.9	89.0	85.7	86.8	0.0	79.9
1988	175	87.4	89.3	85.5	88.1	0.0	80.7
1989	328	87.6	89.6	85.4	88.0	0.0	80.6
1990	498	88.2	89.9	85.2	88.3	0.0	80.9
1991	799	88.5	89.9	85.2	86.5	0.0	80.1
1992	1076	89.3	90.2	85.6	86.9	0.0	80.8
1993	1172	90.2	91.2	86.3	88.0	0.0	82.1
1994	1480	91.2	92.8	85.6	86.9	0.0	81.7
1995	1494	91.8	93.4	85.8	87.1	0.0	82.2
1996	1350	92.3	94.0	86.1	88.1	0.0	83.1
1997	1244	93.2	94.4	86.4	88.6	0.0	83.9
1998	1119	94.0	94.8	86.5	88.7	0.0	84.3
1999	903	93.9	94.6	87.2	89.5	0.0	85.0
2000	628	94.7	94.6	87.7	90.4	0.0	86.0
2001	547	94.9	94.5	88.2	91.0	0.0	86.6
2002	483	95.2	94.5	88.2	90.6	0.0	86.6
2003	430	96.2	95.6	89.3	91.7	0.0	88.1
2004	396	96.9	96.5	89.6	91.9	0.0	88.7
2005	331	97.5	96.8	89.8	91.5	0.0	88.9
2006	317	98.0	97.5	90.3	92.5	0.0	89.9
2007	279	97.6	97.7	90.1	94.4	0.0	90.8
2008	258	97.7	97.4	90.8	94.6	0.0	91.2
2009	239	98.0	97.5	91.0	94.8	0.0	91.5
2010	133	99.1	97.7	91.5	94.4	0.0	91.9
2011	133	99.7	97.8	92.2	96.1	0.0	93.4
2012	84	99.6	97.5	93.2	96.0	0.0	93.8
2013	116	99.5	97.4	93.0	96.7	0.0	94.0
2014	67	99.5	97.6	93.5	96.6	0.0	94.3
2015	42	100.5	97.9	93.5	96.1	0.0	94.4

2016	48	99.9	98.1	94.8	96.1	0.0	95.0
2017	31	100.6	99.2	95.4	97.2	0.0	96.2
2018	32	101.3	100.2	97.1	97.4	0.0	97.5
2019	17	101.5	99.2	97.4	97.5	0.0	97.6
2020	16	100.6	99.8	98.2	98.7	0.0	98.5

Tabel: 91 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1984 100.1	19	104.2	100.6	99.8	99.9	100.1	99.9	82.3	100.4
1985 99.6	29	103.8	100.4	99.2	99.7	99.6	99.4	82.1	99.8
1986 99.9	63	104.0	100.5	99.7	99.9	100.1	99.5	83.3	100.2
1987 100.4	185	104.3	100.9	100.0	100.3	100.5	100.3	83.2	100.4
1988 100.6	327	104.7	100.8	100.0	100.2	100.7	100.4	82.9	100.4
1989 99.9	508	103.6	100.7	99.5	99.9	99.9	100.0	83.4	100.0
1990 100.3	812	103.4	101.1	99.7	100.2	100.0	100.6	83.9	100.4
1991 99.7	1362	103.9	99.5	99.3	99.2	100.0	100.4	85.4	99.3
1992 99.5	1822	103.6	99.5	99.1	99.0	99.7	100.3	86.4	99.2
1993 99.6	2085	103.3	99.9	99.1	99.2	99.6	100.3	86.9	99.4
1994 99.1	2894	102.7	99.7	98.6	98.9	99.1	100.1	87.2	99.0
1995 99.0	3066	102.2	99.9	98.4	98.8	98.7	100.0	87.6	98.9
1996 98.5	2797	101.9	99.4	97.9	98.1	98.3	99.9	88.2	98.4
1997 97.8	2500	101.4	98.6	97.2	97.2	97.6	100.0	88.8	97.5
1998 97.9	2407	101.1	99.0	97.2	97.4	97.6	99.9	89.3	97.8
1999 98.1	1974	101.0	99.1	97.3	97.6	97.7	100.0	89.4	97.9



2000	1425	101.6	98.2	97.2	97.1	97.9	100.0	89.7	97.4
97.9									
2001	1306	101.2	98.9	97.5	97.7	98.0	99.3	89.8	97.9
98.0									
2002	1032	100.5	99.3	97.3	97.8	97.6	99.2	91.1	98.0
97.9									
2003	953	99.4	98.8	96.4	96.7	96.5	98.9	92.4	97.1
97.0									
2004	923	98.8	98.2	95.5	95.7	95.7	98.3	92.2	96.3
96.1									
2005	820	98.8	98.0	95.7	95.7	95.9	98.4	92.0	96.3
96.2									
2006	731	98.5	98.3	95.7	95.7	95.8	98.4	92.7	96.4
96.2									
2007	683	97.1	98.8	95.0	95.4	94.9	98.3	94.7	96.3
95.8									
2008	606	97.7	98.6	95.2	95.6	95.3	98.7	94.3	96.3
96.1									
2009	564	97.9	98.4	95.3	95.5	95.5	98.7	94.2	96.3
96.1									
2010	349	98.8	98.4	96.0	96.0	96.2	99.0	94.2	96.7
96.7									
2011	323	98.6	98.2	95.7	95.7	96.1	98.9	94.5	96.4
96.4									
2012	241	98.6	98.3	95.6	95.8	96.1	98.7	94.1	96.4
96.4									
2013	333	99.0	97.6	95.4	95.3	96.2	98.9	93.7	95.9
96.3									
2014	188	99.5	97.7	96.0	95.9	96.8	98.8	93.3	96.3
96.7									
2015	135	99.9	99.0	97.3	97.5	97.9	99.0	93.9	97.8
97.8									
2016	127	100.1	99.0	97.7	97.7	98.4	99.2	94.6	98.1
98.2									
2017	120	100.1	99.2	97.9	98.0	98.7	99.1	94.7	98.3
98.4									
2018	97	100.4	99.9	98.8	99.0	99.5	99.3	95.7	99.2
99.2									
2019	71	100.3	100.4	99.0	99.4	99.7	99.5	95.0	99.5
99.6									
2020	47	99.9	100.2	98.9	99.1	99.5	99.4	95.8	99.3
99.3									
2021	29	99.3	100.6	98.8	99.5	99.4	99.0	95.8	99.6
99.3									

Tabel: 92 MRIJ - Holstein Friesian roodbont: Gebruikskennmerken  
Basis: Melkdoel rood

Land: VL

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Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	14	99.2	95.6	94.5	97.1	101.1
1986	31	99.3	96.4	93.8	96.1	100.5
1987	69	98.2	94.9	94.4	96.6	100.8
1988	165	97.9	95.6	94.5	96.6	100.9
1989	306	97.3	96.2	94.3	96.1	100.8
1990	456	97.9	96.0	94.0	95.6	100.0
1991	766	97.8	96.0	94.8	96.7	100.3
1992	1048	98.4	96.8	94.9	96.6	100.2
1993	1132	98.8	96.9	94.5	96.2	100.0
1994	1386	99.3	96.4	94.7	96.1	100.1
1995	1394	98.9	95.9	94.3	95.4	99.7
1996	1273	99.2	96.4	94.2	95.0	99.6
1997	1171	98.8	96.7	94.3	95.0	99.3
1998	1046	98.8	96.0	94.1	94.7	98.7
1999	851	98.6	96.2	93.8	94.4	98.0
2000	588	98.5	95.6	94.4	95.0	98.5
2001	517	98.9	95.5	94.2	94.6	97.8
2002	466	98.5	95.2	93.5	93.6	96.7
2003	421	98.3	95.6	94.0	94.0	97.2
2004	396	98.3	95.6	94.4	94.1	97.2
2005	319	98.3	95.8	95.0	95.0	97.2
2006	310	98.6	95.8	95.4	95.2	97.5
2007	279	98.3	97.1	95.3	95.0	97.5
2008	253	98.6	97.1	95.3	94.9	97.4
2009	226	98.7	97.1	95.8	95.3	98.0
2010	127	98.4	97.0	95.6	95.2	97.8
2011	130	98.4	97.3	96.4	95.8	98.2
2012	79	98.1	97.0	96.3	95.8	97.8
2013	104	98.7	96.6	96.7	96.0	97.9
2014	61	98.9	97.7	96.9	96.1	97.8
2015	40	98.7	97.7	97.5	96.8	98.7
2016	43	98.9	98.1	98.5	97.9	99.7
2017	28	99.0	98.0	98.5	97.8	99.3
2018	31	99.6	98.4	99.5	98.5	98.9
2019	16	99.7	98.2	98.9	98.0	98.8
2020	16	100.4	99.7	100.0	99.2	99.7

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Tabel: 93 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken

Basis: Melkdoel rood

Land: VL

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Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1984	15	-326.4	-654.4	-435.9	100.4	100.1	86.9	86.7	95.7
0.0									
1985	22	-313.8	-665.5	-528.7	99.3	99.6	84.5	84.3	96.4
117.3									
1986	51	-313.4	-652.5	-514.2	98.5	99.9	86.8	85.2	95.3
112.7									
1987	163	-318.5	-672.2	-522.9	98.8	100.4	85.7	86.8	96.1
112.0									
1988	318	-312.6	-660.2	-528.7	98.9	100.6	85.5	88.1	95.8
99.7									
1989	496	-315.6	-644.7	-549.9	98.6	99.9	85.4	88.0	95.8
100.7									
1990	779	-315.1	-640.7	-537.8	97.8	100.3	85.2	88.3	95.9
96.8									
1991	1282	-306.9	-580.2	-547.6	98.6	99.7	85.2	86.5	95.7
98.2									
1992	1712	-302.1	-563.3	-531.0	98.5	99.5	85.6	86.9	95.8
91.3									
1993	1969	-299.8	-563.8	-524.8	98.2	99.6	86.3	88.0	95.8
84.5									
1994	2565	-295.5	-522.1	-530.7	98.2	99.1	85.6	86.9	96.0
73.5									
1995	2736	-292.1	-503.1	-520.1	97.6	99.0	85.8	87.1	96.2
70.6									
1996	2483	-291.9	-487.6	-524.7	97.3	98.5	86.1	88.1	96.3
68.7									
1997	2251	-287.1	-453.2	-517.3	97.2	97.8	86.4	88.6	96.0
66.2									
1998	2165	-291.7	-448.2	-550.4	96.6	97.9	86.5	88.7	95.9
62.4									
1999	1783	-281.9	-432.2	-536.3	96.0	98.1	87.2	89.5	96.2
63.3									
2000	1297	-262.6	-401.5	-489.5	96.6	97.9	87.7	90.4	96.3
61.2									
2001	1176	-252.1	-376.1	-464.9	96.0	98.0	88.2	91.0	96.5
57.1									
2002	931	-253.6	-348.5	-488.6	94.8	97.9	88.2	90.6	96.7
55.4									
2003	846	-242.2	-317.1	-465.6	95.3	97.0	89.3	91.7	95.3
47.1									
2004	826	-238.6	-282.2	-473.4	95.4	96.1	89.6	91.9	94.2
39.6									
2005	732	-220.2	-251.6	-434.2	95.8	96.2	89.8	91.5	94.8
35.6									
2006	652	-213.0	-237.1	-415.6	96.1	96.2	90.3	92.5	94.7
28.1									

2007	604	-197.3	-207.3	-364.8	96.0	95.8	90.1	94.4	93.7
23.9									
2008	487	-186.5	-200.5	-330.7	95.9	96.1	90.8	94.6	94.3
27.6									
2009	449	-182.1	-202.2	-295.0	96.5	96.1	91.0	94.8	94.5
29.8									
2010	285	-178.5	-209.7	-292.5	96.3	96.7	91.5	94.4	95.0
28.6									
2011	244	-163.1	-189.9	-275.2	96.9	96.4	92.2	96.1	95.0
27.7									
2012	175	-163.4	-196.9	-267.1	96.6	96.4	93.2	96.0	95.4
32.5									
2013	239	-150.4	-168.7	-239.5	96.7	96.3	93.0	96.7	96.0
31.2									
2014	130	-145.7	-169.3	-220.8	96.7	96.7	93.5	96.6	96.6
23.7									
2015	91	-127.0	-152.1	-222.6	97.7	97.8	93.5	96.1	97.1
19.8									
2016	93	-99.8	-137.5	-152.8	98.8	98.2	94.8	96.1	97.7
20.2									
2017	77	-97.6	-125.8	-146.8	98.5	98.4	95.4	97.2	98.0
15.7									
2018	63	-57.7	-50.9	-106.0	98.6	99.2	97.1	97.4	98.3
1.6									
2019	46	-73.8	-92.2	-80.5	98.3	99.6	97.4	97.5	98.6
16.8									
2020	37	-41.0	-49.3	-46.7	99.4	99.3	98.2	98.7	98.9
-5.1									
2021	19	-38.6	-31.5	8.4	98.1	99.3	98.0	98.1	99.9
11.2									

Tabel: 94 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1988	17	93.5	94.1	99.4	98.4	91.3	93.2	93.9
1989	26	92.7	93.4	98.7	98.0	90.4	93.1	93.5
1990	38	93.7	94.7	98.9	98.2	91.8	93.8	94.4
1991	140	90.3	91.9	96.9	96.2	89.8	91.1	93.5
1992	233	90.6	92.8	96.6	95.7	90.5	92.0	94.1
1993	252	91.2	93.9	96.7	95.6	90.8	92.9	94.4
1994	400	92.8	95.0	98.2	96.3	91.5	93.4	94.1
1995	484	93.2	95.2	98.8	96.7	91.5	94.0	93.7
1996	479	93.1	94.5	98.9	97.4	91.1	94.4	93.5
1997	529	92.3	93.7	98.1	97.3	90.8	93.4	93.8

1998	815	92.1	93.2	98.3	97.6	90.1	93.5	93.2
1999	629	92.6	94.0	98.4	97.7	90.7	93.8	93.5
2000	475	93.1	95.0	98.3	97.6	91.3	94.7	93.8
2001	439	93.1	95.0	98.2	97.1	91.7	95.2	93.8
2002	404	92.9	95.2	98.1	96.8	91.8	95.1	93.6
2003	384	93.9	96.3	98.2	97.7	92.9	94.6	94.3
2004	366	94.5	96.9	98.7	98.5	93.1	94.0	94.4
2005	305	94.8	97.5	98.7	98.2	93.4	93.8	95.1
2006	297	94.9	97.6	98.5	98.4	93.7	93.8	95.5
2007	277	96.1	99.1	98.3	98.7	95.9	93.5	97.0
2008	249	96.5	99.3	98.5	99.0	96.3	93.7	97.3
2009	232	96.4	99.3	98.2	98.8	96.3	93.6	97.7
2010	127	95.7	98.7	97.9	98.4	95.7	93.9	97.2
2011	127	96.1	98.7	97.8	98.6	96.8	94.6	97.7
2012	83	96.0	99.0	97.6	98.4	97.0	94.7	97.6
2013	112	95.5	98.3	97.4	98.2	96.4	95.1	97.3
2014	67	95.9	98.5	97.6	98.2	96.9	95.3	97.3
2015	42	96.4	98.6	97.9	98.7	96.7	95.7	97.9
2016	46	97.3	99.7	98.2	98.8	98.3	96.2	98.7
2017	30	97.7	98.5	99.0	99.6	98.0	98.4	98.2
2018	32	97.8	99.3	98.7	99.1	98.0	98.4	98.6
2019	16	99.9	100.8	99.9	100.1	98.4	99.6	100.5
2020	15	100.3	100.1	100.7	100.2	99.0	100.3	99.9

Tabel: 95 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	12	94.7	98.9	94.7	98.9	93.8	98.8
1987	25	94.7	99.4	94.7	99.4	93.2	99.3
1988	48	93.8	99.0	93.8	99.0	92.7	98.8
1989	67	94.2	98.6	94.2	98.6	92.8	98.2
1990	102	94.3	98.9	94.3	98.9	93.0	98.2
1991	206	94.5	98.8	94.5	98.8	94.0	97.0
1992	284	94.3	99.0	94.3	99.0	93.7	97.3
1993	339	94.2	99.1	94.2	99.1	93.5	97.6
1994	415	94.3	99.2	94.3	99.2	94.2	97.5
1995	506	94.5	99.4	94.5	99.4	94.3	97.8
1996	476	94.8	99.3	94.8	99.3	94.2	97.9
1997	557	95.1	98.8	95.1	98.8	94.3	97.6
1998	595	94.9	99.0	94.9	99.0	94.1	97.5
1999	533	95.4	99.3	95.4	99.3	94.6	97.9
2000	466	95.7	99.0	95.7	99.0	94.7	98.5
2001	487	95.7	99.2	95.7	99.2	94.4	99.2
2002	435	96.2	99.3	96.2	99.3	94.7	99.4
2003	472	95.9	97.7	95.9	97.7	94.5	98.2

2004	533	95.2	96.7	95.2	96.7	94.1	97.0
2005	572	95.2	97.2	95.2	97.2	94.4	97.2
2006	570	95.0	97.2	95.0	97.2	94.0	97.3
2007	542	95.6	95.4	95.6	95.4	94.8	96.3
2008	560	96.3	95.9	96.3	95.9	95.5	96.6
2009	548	96.1	96.3	96.1	96.3	95.4	96.9
2010	345	96.4	96.8	96.4	96.8	96.0	97.4
2011	313	96.8	96.5	96.8	96.5	96.6	97.1
2012	227	97.0	96.9	97.0	96.9	97.0	97.6
2013	309	97.6	97.5	97.6	97.5	97.4	97.9
2014	180	98.0	97.9	98.0	97.9	98.0	98.3
2015	130	98.2	98.5	98.2	98.5	98.8	98.7
2016	122	98.3	98.9	98.3	98.9	99.1	99.0
2017	117	98.6	98.9	98.6	98.9	99.5	98.9
2018	89	98.5	99.3	98.5	99.3	99.2	99.3
2019	55	98.8	99.7	98.8	99.7	99.2	99.8
2020	42	99.0	99.4	99.0	99.4	99.7	99.9
2021	22	100.2	101.0	100.2	101.0	100.9	100.5

Tabel: 96 MRIJ - Holstein Friesian roodbont: Geboortekennmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	10	95.3	104.3	103.4	99.0	96.2	97.6
1985	10	95.7	103.9	102.7	96.3	98.4	100.9
1986	27	93.5	105.2	105.0	95.7	98.3	102.3
1987	78	94.7	104.3	104.0	96.5	98.7	101.9
1988	156	95.0	105.0	103.8	96.3	98.1	102.2
1989	195	94.8	105.0	103.8	96.1	97.8	101.3
1990	374	94.7	105.1	103.7	96.5	98.3	100.6
1991	603	93.6	103.8	104.4	94.9	98.7	101.7
1992	780	93.4	104.2	104.6	95.3	98.7	101.1
1993	876	93.6	104.1	104.7	97.2	98.8	99.4
1994	1087	93.0	104.2	105.3	97.5	98.7	99.5
1995	1076	93.5	104.4	105.0	98.7	98.6	98.6
1996	1000	94.0	104.6	104.7	98.4	98.6	98.8
1997	961	93.7	104.3	104.8	97.3	98.5	99.4
1998	937	93.4	104.7	105.1	97.1	99.2	99.9
1999	894	94.1	103.7	104.6	97.4	99.0	99.2
2000	642	94.5	103.2	104.2	97.6	98.0	98.5
2001	609	94.1	102.5	104.8	98.4	98.1	98.8
2002	493	93.4	103.2	105.3	98.2	98.3	98.8
2003	414	93.3	103.8	105.4	96.7	99.4	99.5
2004	396	93.2	104.9	105.6	96.5	100.3	99.8
2005	367	93.7	104.2	105.3	96.8	100.3	100.1
2006	350	93.6	104.5	105.5	96.8	100.9	100.3

2007	335	95.1	104.9	104.1	94.9	102.2	101.0
2008	318	95.0	104.5	104.1	95.2	101.7	100.5
2009	344	94.9	104.4	104.2	95.3	101.4	100.4
2010	226	94.2	103.8	104.9	96.4	100.4	99.3
2011	207	94.4	103.8	104.8	96.6	100.5	99.2
2012	151	94.5	103.8	104.6	97.0	99.8	98.7
2013	176	93.6	103.2	105.8	97.3	99.1	99.0
2014	113	94.3	102.4	105.0	98.2	98.2	98.1
2015	80	94.5	102.2	104.4	98.5	98.8	98.0
2016	82	96.1	102.1	103.2	99.5	98.5	98.2
2017	70	95.7	101.9	103.6	99.5	98.1	98.0
2018	51	94.7	102.4	104.3	101.0	99.1	97.0
2019	33	95.2	101.7	103.8	100.2	99.5	98.1
2020	22	96.3	101.3	102.8	101.0	99.7	97.7
2021	13	96.2	99.9	102.5	102.2	100.4	96.6

Tabel: 97 MRIJ - Holstein Friesian roodbont: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1986	17	106.5	111.6	95.6	104.2	109.1	97.6	105.4	98.6	110.2	98.9	104.9
1987	34	106.3	111.6	95.5	104.3	109.5	97.4	105.4	97.9	110.4	98.5	105.0
1988	67	107.8	113.3	95.2	105.3	111.8	97.1	106.9	97.6	112.2	98.5	106.4
1989	97	106.5	112.0	95.9	104.1	109.9	97.2	105.6	97.6	110.6	98.6	104.9
1990	160	106.5	111.7	95.8	104.2	109.7	97.4	105.5	98.3	110.5	98.6	105.0
1991	302	105.3	109.5	96.6	102.9	108.1	97.0	104.5	98.3	109.1	98.1	103.9
1992	433	105.1	109.0	96.4	102.9	107.7	97.1	104.4	98.3	108.7	97.9	103.7
1993	521	105.6	109.1	96.7	103.4	108.0	97.1	104.9	98.3	108.7	98.2	104.5
1994	637	105.7	109.8	96.7	104.3	107.6	97.8	104.8	98.9	108.8	98.4	105.7
1995	797	105.4	109.4	97.5	104.1	106.9	98.5	104.4	99.2	108.1	99.0	105.5
1996	796	105.1	109.3	97.8	103.9	106.6	99.0	104.2	98.9	108.2	99.1	105.4

1997 104.2	837	104.3	107.6	98.4	103.1	105.8	98.8	103.6	99.0	107.3	99.0
1998 104.0	899	104.0	106.8	98.1	103.0	105.3	98.5	103.4	98.8	106.7	98.2
1999 103.8	884	103.8	106.9	98.0	103.1	105.1	98.6	103.2	98.9	106.4	98.5
2000 103.2	786	103.7	105.9	98.4	102.5	104.9	98.9	102.9	99.5	106.0	98.8
2001 102.6	874	103.5	105.2	99.9	102.5	104.8	99.5	102.7	99.7	105.4	100.0
2002 102.6	737	103.6	104.6	100.4	102.6	104.6	99.7	102.9	99.5	104.9	100.2
2003 102.2	754	103.4	104.4	100.0	102.3	104.0	99.4	102.4	100.4	104.4	99.9
2004 102.3	713	103.2	103.9	99.7	102.2	103.5	99.2	102.0	101.2	104.1	99.1
2005 102.4	654	103.3	103.0	100.4	101.7	103.4	98.9	102.1	101.3	103.8	99.0
2006 102.5	603	103.1	103.1	100.1	102.1	102.9	98.8	101.9	101.6	103.5	99.0
2007 101.7	578	102.5	103.4	99.9	101.8	102.4	99.2	101.1	101.9	103.2	99.3
2008 101.3	490	102.4	103.1	100.0	101.4	102.5	99.4	101.2	101.4	103.0	99.7
2009 101.1	466	102.1	103.2	99.7	101.5	102.3	99.7	101.0	101.0	103.2	99.9
2010 100.9	288	102.2	102.8	99.7	101.3	102.5	99.5	101.5	100.5	102.9	100.0
2011 100.6	250	101.8	102.5	99.6	100.9	102.2	99.4	101.2	100.3	102.6	99.7
2012 100.4	179	101.7	101.8	100.0	100.6	102.0	99.7	101.1	100.2	102.3	100.2
2013 100.3	251	101.6	101.7	100.5	100.4	102.1	99.8	100.8	100.2	102.6	100.2
2014 100.0	117	101.8	101.0	100.8	100.2	102.3	99.5	101.3	99.9	102.1	100.5
2015 100.5	73	102.4	102.0	100.3	101.2	102.7	99.1	102.3	99.2	102.5	100.8
2016 100.3	69	102.2	102.1	100.1	100.8	102.8	99.3	102.1	99.1	102.6	100.6
2017 101.4	42	103.0	103.3	99.1	102.2	103.4	99.2	102.9	99.2	103.0	100.5
2018 101.2	34	103.1	102.7	99.4	102.3	103.0	98.9	103.6	99.0	102.4	100.9
2019 100.0	17	102.9	101.8	100.2	100.9	103.4	99.4	103.1	99.1	102.2	102.2
2020 100.7	15	102.6	101.9	101.0	101.1	103.3	99.5	102.7	98.8	102.3	101.7



Tabel: 98 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1988	10	96.2	98.2	97.8
1989	26	96.2	98.0	98.2
1990	31	96.2	98.3	97.7
1991	63	96.7	98.4	98.1
1992	73	96.2	98.0	97.9
1993	80	95.8	97.9	97.8
1994	92	96.5	98.5	98.1
1995	126	96.7	98.7	98.0
1996	101	96.7	98.7	97.8
1997	140	96.6	98.6	97.4
1998	142	96.0	98.0	97.4
1999	135	96.4	98.4	97.7
2000	101	96.4	98.3	98.1
2001	123	96.7	98.4	98.0
2002	78	96.8	98.3	98.1
2003	88	97.2	98.9	97.8
2004	89	97.3	98.8	98.3
2005	103	97.8	99.1	98.3
2006	85	97.9	99.0	98.6
2007	80	98.1	99.2	98.4
2008	87	98.0	99.2	98.7
2009	69	97.6	98.8	98.6
2010	41	97.3	98.6	98.0
2011	48	97.4	99.0	98.0
2012	32	97.6	99.1	98.4
2013	30	96.9	98.5	97.6
2014	26	97.6	98.8	98.2
2015	21	97.5	99.0	98.6
2016	16	96.2	98.4	97.9
2017	11	98.7	100.3	99.1

Tabel: 99 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	1171	-4340.6	-17170.2	-747.4	-618.2
2002	930	-4385.8	-17277.1	-757.8	-623.6
2003	844	-4200.8	-16740.2	-721.0	-599.3

2004	825	-4172.3	-16682.5	-712.8	-596.7
2005	735	-3892.5	-15343.1	-670.4	-554.8
2006	650	-3770.5	-14896.6	-648.9	-537.4
2007	602	-3431.0	-13881.0	-584.3	-491.0
2008	491	-3225.5	-13093.0	-549.2	-461.6
2009	461	-3042.8	-12143.1	-520.1	-435.0
2010	291	-3044.5	-12138.7	-525.8	-432.5
2011	258	-2896.4	-11542.2	-499.8	-411.7
2012	186	-2849.9	-11394.7	-493.2	-404.2
2013	248	-2622.6	-10325.6	-459.2	-369.8
2014	135	-2519.8	-9894.2	-439.8	-356.1
2015	94	-2461.2	-9682.6	-431.8	-346.5
2016	99	-2027.1	-7908.3	-360.8	-283.0
2017	82	-1975.0	-7659.9	-351.5	-275.9
2018	68	-1452.0	-5600.9	-255.2	-204.5
2019	51	-1470.0	-5822.6	-259.4	-205.9
2020	38	-1044.0	-4003.3	-189.9	-143.9
2021	20	-675.1	-2830.3	-115.0	-96.4

Tabel: 100 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1989	21	96.3	83.1	102.3	88.4
1990	21	96.5	83.6	102.3	88.7
1991	45	97.1	84.3	103.0	90.5
1992	68	96.8	83.7	102.8	89.6
1993	73	96.7	84.0	102.2	89.3
1994	96	97.0	79.3	103.0	87.3
1995	119	97.2	79.0	102.5	86.8
1996	87	97.1	80.0	102.7	87.4
1997	130	97.1	81.5	103.1	88.4
1998	117	96.7	81.6	102.1	87.4
1999	103	96.5	82.2	102.6	87.6
2000	81	96.2	82.9	101.9	87.6
2001	91	96.6	82.4	101.5	86.9
2002	57	96.6	83.9	101.2	87.2
2003	71	96.4	85.1	101.5	88.2
2004	70	97.2	84.9	101.8	89.0
2005	78	97.1	86.1	101.0	89.3
2006	68	97.6	86.1	100.7	89.3
2007	57	98.0	87.3	101.4	91.0
2008	56	97.8	87.8	101.0	90.7
2009	56	97.2	91.4	100.4	91.7
2010	45	97.0	90.4	100.6	90.9
2011	40	96.4	90.2	101.0	91.0

2012	33	97.6	91.5	100.5	92.3
2013	37	98.4	92.0	99.3	92.7
2014	29	98.5	92.4	99.5	92.9
2015	21	98.3	93.6	99.7	94.3
2016	18	98.7	95.8	99.8	96.0
2017	12	98.8	96.2	100.1	96.1
2018	10	99.9	97.6	101.2	99.2

Tabel: 101 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1984	15	93.3	97.7	0	0.0	0.0	0	0.0
1985	22	93.8	97.5	13	-6.1	117.3	0	0.0
1986	51	93.8	97.5	33	-6.0	112.7	0	0.0
1987	163	94.0	97.6	70	-6.0	112.0	0	0.0
1988	318	93.6	97.6	176	-5.7	99.7	0	0.0
1989	496	93.9	98.0	327	-5.7	100.7	0	0.0
1990	779	93.4	97.9	498	-5.6	96.8	0	0.0
1991	1282	93.3	97.9	800	-5.3	98.2	0	0.0
1992	1712	93.7	97.8	1079	-5.1	91.3	0	0.0
1993	1969	93.5	97.8	1179	-5.0	84.5	0	0.0
1994	2565	93.4	98.1	1483	-4.5	73.5	0	0.0
1995	2736	93.7	98.3	1498	-4.3	70.6	0	0.0
1996	2483	93.8	97.9	1353	-4.2	68.7	0	0.0
1997	2251	94.3	97.9	1247	-3.9	66.2	0	0.0
1998	2165	93.8	97.5	1120	-3.8	62.4	0	0.0
1999	1783	94.2	97.7	906	-3.8	63.3	0	0.0
2000	1297	94.7	98.2	629	-3.5	61.2	0	0.0
2001	1176	95.4	98.2	550	-3.3	57.1	547	95.0
2002	931	95.7	97.7	484	-3.1	55.4	483	95.0
2003	846	96.1	98.3	431	-2.7	47.1	430	95.9
2004	826	95.8	98.3	397	-2.4	39.6	396	96.6
2005	732	96.4	98.4	332	-2.1	35.6	331	96.8
2006	652	96.9	99.4	321	-1.9	28.1	317	97.9
2007	604	97.4	100.3	282	-1.7	23.9	279	98.3
2008	487	97.4	100.3	260	-1.6	27.6	258	97.8
2009	449	97.4	100.3	242	-1.7	29.8	239	97.8
2010	285	97.0	99.4	135	-1.8	28.6	133	98.0
2011	244	97.0	99.5	134	-1.6	27.7	133	98.2
2012	175	97.3	99.4	87	-1.7	32.5	84	97.3
2013	239	97.5	98.8	120	-1.6	31.2	116	97.4
2014	130	98.0	99.0	73	-1.4	23.7	67	98.0
2015	91	97.1	99.2	48	-1.4	19.8	42	98.8
2016	93	98.1	99.2	52	-1.2	20.2	48	98.4

2017	77	97.9	98.7	31	-1.2	15.7	30	100.0
2018	63	99.3	99.7	34	-0.5	1.6	32	101.0
2019	46	99.6	100.1	18	-0.8	16.8	17	99.5
2020	37	100.6	99.6	21	0.1	-5.1	16	100.2
2021	19	100.1	99.9	10	-0.3	11.2	7	99.3

Tabel: 102 MRIJ - Holstein Friesian roodbont: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	16	99.7	0	0.0	0	0.0	16	95.1
1988	29	99.9	0	0.0	0	0.0	29	96.4
1989	46	99.8	0	0.0	0	0.0	46	95.8
1990	70	99.7	3	97.7	1	97.0	70	95.6
1991	143	98.2	25	95.6	25	99.0	143	94.1
1992	195	98.5	20	95.5	20	99.2	195	93.9
1993	226	99.0	12	96.6	12	99.1	226	93.9
1994	278	98.7	33	98.6	32	96.5	278	94.0
1995	359	99.1	52	99.9	51	96.6	359	94.2
1996	316	99.1	33	100.4	32	96.6	316	94.1
1997	351	98.8	54	98.2	51	97.5	351	93.7
1998	357	98.7	30	98.2	23	98.7	357	92.7
1999	357	98.9	36	98.5	28	98.1	357	93.4
2000	288	99.5	28	100.8	26	98.8	288	94.1
2001	301	99.8	37	100.4	36	99.3	301	94.6
2002	256	100.1	18	100.1	18	100.2	256	94.7
2003	280	99.6	27	99.4	25	98.2	280	94.5
2004	309	98.7	27	97.8	26	98.2	309	93.9
2005	307	98.1	35	97.8	35	98.1	307	93.5
2006	317	98.0	37	98.6	36	97.9	317	93.8
2007	368	98.1	31	97.7	31	98.5	368	94.5
2008	333	98.6	32	97.8	31	98.6	333	95.1
2009	357	98.7	29	98.9	29	98.9	357	95.1
2010	273	99.2	16	99.6	16	98.4	273	95.4
2011	241	99.3	19	99.8	18	99.4	241	96.1
2012	171	99.4	12	100.5	12	100.3	171	96.1
2013	235	99.1	17	99.2	18	99.9	235	95.6
2014	123	99.4	12	100.0	11	98.5	123	96.3
2015	89	99.8	7	101.4	7	100.1	89	97.4
2016	90	99.9	9	100.6	9	100.4	90	98.0
2017	72	100.1	2	103.5	2	101.0	72	98.3
2018	62	100.3	4	100.8	4	101.5	62	99.0
2019	42	100.4	1	101.0	1	104.0	42	99.8
2020	36	100.4	1	101.0	1	101.0	36	99.7
2021	17	99.9	0	0.0	0	0.0	17	98.9

Tabel: 103 MRIJ - Holstein Friesian roodbont: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1991	35	101.9	101.1	101.6	101.2	100.3	98.9
1992	35	102.1	100.9	102.0	101.4	100.8	99.3
1993	42	101.3	99.9	101.5	100.6	100.6	98.8
1994	52	101.2	100.4	101.7	100.3	100.2	99.1
1995	82	101.1	100.3	101.6	100.0	100.3	99.1
1996	54	99.8	98.8	100.5	99.0	99.6	98.0
1997	89	99.6	98.6	99.7	99.0	99.7	97.6
1998	69	99.7	98.3	99.9	99.3	99.4	97.9
1999	68	100.1	98.9	100.3	99.6	99.4	97.8
2000	46	99.7	99.0	99.8	99.0	99.0	98.1
2001	62	100.9	100.1	101.5	99.6	100.6	99.4
2002	33	100.2	98.9	100.8	98.7	100.8	99.4
2003	41	100.1	99.8	99.8	98.9	100.4	99.1
2004	40	100.0	99.8	99.8	99.0	99.9	98.4
2005	54	100.2	100.1	99.2	99.4	100.0	98.1
2006	40	101.0	101.1	99.5	99.8	100.8	98.8
2007	38	101.1	102.2	99.6	99.0	100.9	100.4
2008	39	100.8	101.9	99.3	98.9	100.8	100.2
2009	30	101.2	101.9	99.5	99.3	101.1	100.6
2010	26	101.3	101.2	100.2	99.9	101.8	100.0
2011	25	100.8	100.5	99.6	99.5	100.9	99.5
2012	20	101.3	101.2	100.0	100.0	101.0	100.0
2013	20	101.0	100.1	99.8	100.7	100.0	99.1
2014	15	100.3	99.3	98.5	100.5	100.3	97.6
2015	13	99.0	98.2	98.7	98.8	99.7	97.2

Tabel: 104 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14	-1393.5	-54.9	-59.6	-65.0	13.8	-16.1	-1.7	-379.6
1981	32	-1314.0	-47.8	-57.9	-61.3	20.8	-18.4	-1.5	-356.2
1982	60	-1204.7	-45.1	-54.7	-56.3	17.4	-19.3	-1.6	-336.0
1983	103	-1271.3	-50.1	-57.2	-59.4	13.2	-19.7	-1.7	-357.8
1984	169	-1378.4	-55.0	-60.5	-64.2	13.1	-18.6	-1.5	-382.7
1985	268	-1297.8	-49.1	-57.5	-60.6	17.5	-18.2	-1.6	-357.0
1986	481	-1219.1	-49.6	-55.6	-56.9	10.0	-19.7	-1.5	-349.4
1987	915	-1200.0	-48.3	-54.9	-56.1	10.9	-19.6	-1.6	-343.2

1988	986	-1187.2	-48.0	-53.8	-55.5	10.2	-18.5	-1.6	-338.0
1989	1062	-1197.5	-46.0	-53.4	-56.0	15.3	-16.8	-1.6	-332.6
1990	1220	-1235.0	-45.9	-53.6	-57.7	19.1	-14.6	-1.6	-333.5
1991	1206	-1090.6	-38.1	-45.9	-51.1	20.5	-10.2	-1.6	-283.7
1992	948	-1016.8	-37.7	-44.2	-47.7	15.2	-11.9	-1.7	-274.8
1993	1027	-855.3	-35.2	-40.1	-40.3	6.4	-14.8	-1.7	-250.6
1994	1070	-720.2	-28.4	-34.4	-34.2	7.5	-13.2	-1.8	-210.8
1995	689	-664.3	-25.8	-32.2	-31.6	7.5	-12.8	-1.7	-195.6
1996	448	-554.2	-22.8	-30.2	-26.6	4.3	-16.1	-1.8	-179.8
1997	236	-420.4	-16.3	-23.6	-20.5	4.8	-12.9	-1.9	-137.1
1998	120	-346.5	-12.0	-20.5	-17.1	6.7	-12.2	-2.0	-114.5
1999	88	-346.2	-12.6	-19.2	-17.1	5.2	-10.0	-1.9	-110.3
2000	54	-310.8	-11.3	-18.3	-15.3	5.3	-10.5	-1.6	-103.3
2001	38	154.6	1.9	-1.1	6.4	-6.0	-9.7	-0.9	1.5
2002	41	-2.3	-5.3	-8.4	-0.0	-6.1	-12.0	0.4	-45.4
2003	36	101.8	3.9	-3.1	6.6	0.6	-10.1	3.1	-2.7
2004	40	60.8	3.3	-4.7	4.0	2.1	-9.7	1.9	-11.0
2005	33	464.8	22.8	9.1	21.6	4.3	-10.4	0.6	91.6
2006	29	538.5	16.2	10.7	24.3	-10.2	-12.3	-0.7	85.0
2007	26	336.8	18.0	8.0	14.8	5.2	-5.8	-1.1	74.8
2008	25	77.3	7.6	1.0	5.1	7.3	-2.5	2.8	21.7
2009	18	374.8	11.1	7.9	16.8	-7.7	-8.3	-0.6	60.9
2010	14	312.3	14.2	6.6	13.1	0.9	-7.1	-2.0	60.9
2011	19	563.1	28.3	15.9	24.1	5.3	-6.5	-2.8	131.9
2012	12	291.2	21.7	9.7	11.0	15.1	-0.8	-3.5	88.6
2013	20	605.1	20.6	17.4	26.9	-8.1	-6.1	-1.4	123.0
2014	30	477.9	13.8	13.2	21.2	-9.9	-6.0	-1.3	89.4
2015	18	564.9	19.0	14.4	23.0	-7.2	-8.2	-4.4	105.8
2016	13	813.5	25.7	21.8	34.9	-13.8	-11.2	-3.5	153.8
2017	11	699.1	30.3	23.5	32.4	-1.1	-2.9	-0.1	169.5
2018	10	695.4	34.2	20.7	30.8	6.3	-6.1	-2.0	166.0

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

Tabel: 105 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	20	93.8	90.5	93.8	94.7	97.2	92.5	97.5
1982	39	95.5	90.6	95.5	96.5	96.9	91.3	98.7
1983	57	95.4	90.6	95.4	96.8	96.5	93.1	98.0
1984	82	94.6	91.3	95.5	96.3	97.4	93.4	98.0
1985	128	94.7	90.4	95.1	96.3	96.6	93.0	96.6
1986	232	95.1	90.0	96.0	97.4	95.8	92.2	96.8
1987	440	95.6	90.9	96.8	97.3	96.0	92.5	97.3
1988	505	95.7	90.4	96.4	97.0	96.0	93.1	97.1
1989	638	96.1	91.0	96.6	97.4	95.9	93.0	97.4

1990	724	96.7	90.8	96.7	97.6	95.9	93.4	98.0
1991	664	96.8	90.7	96.9	98.1	95.1	93.3	97.6
1992	520	97.4	91.4	97.6	98.4	95.3	92.7	98.5
1993	526	98.3	91.5	98.2	99.2	95.2	92.6	99.2
1994	525	99.0	91.7	99.4	100.4	94.6	92.4	99.7
1995	307	99.0	92.2	99.9	100.7	94.9	92.8	99.5
1996	201	99.8	92.5	100.8	101.8	94.9	93.8	99.2
1997	107	99.7	92.7	101.2	102.6	94.1	94.6	98.2
1998	54	100.0	93.1	101.8	103.0	94.6	94.4	98.7
1999	39	100.3	93.2	101.4	102.7	94.4	94.6	98.2
2000	22	100.7	93.2	101.4	102.6	95.1	93.8	98.3
2001	17	100.6	93.8	100.2	101.6	94.6	93.2	98.7
2002	19	100.4	95.5	100.9	101.9	96.8	96.4	99.6
2003	11	102.5	94.0	103.9	105.7	93.7	95.2	97.9
2004	19	101.2	95.1	101.9	103.0	95.3	95.8	97.9
2005	20	102.5	94.7	102.8	104.7	94.5	96.2	98.0
2006	20	102.5	93.5	102.8	105.2	93.3	95.9	96.8
2013	10	103.9	94.2	102.8	105.1	92.9	98.3	99.8
2014	15	102.9	95.9	102.3	104.2	94.9	96.5	100.1
2015	10	104.6	95.3	102.5	104.4	94.4	96.9	100.3

Tabel: 106 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1981	20	91.4	99.7	100.2	89.2	88.8
1982	39	91.6	100.1	99.7	89.5	89.4
1983	57	91.9	100.1	99.3	89.7	90.2
1984	82	92.9	99.7	99.3	90.3	91.1
1985	128	92.1	99.7	99.3	90.1	90.7
1986	232	92.1	101.6	98.3	90.5	90.6
1987	440	93.0	101.2	97.9	90.8	91.7
1988	505	93.2	101.1	98.0	90.6	92.0
1989	638	93.5	101.1	98.5	90.9	92.3
1990	724	93.7	100.7	99.2	90.8	92.3
1991	664	92.8	102.0	98.4	90.6	91.2
1992	520	93.2	101.6	98.8	90.9	91.6
1993	526	93.3	102.6	98.3	92.0	92.0
1994	525	92.8	103.8	97.5	92.4	91.5
1995	307	92.5	103.6	97.1	91.7	91.5
1996	201	93.8	101.9	97.9	91.7	92.9
1997	107	93.2	101.8	97.4	91.3	92.5
1998	54	93.3	104.2	95.9	91.4	92.6
1999	39	94.7	102.0	98.0	91.8	93.8
2000	22	94.6	103.6	97.9	93.3	94.0
2001	17	94.8	102.9	97.7	92.9	94.1

2002	19	96.5	101.8	99.1	94.3	95.5
2003	11	95.5	102.8	98.0	94.6	95.7
2004	19	95.9	102.2	98.7	94.3	95.7
2005	20	95.6	102.8	97.4	94.9	96.4
2006	20	96.8	102.0	98.5	95.5	97.2
2013	10	96.7	101.2	100.2	95.2	96.9
2014	15	97.5	101.6	100.1	97.1	98.7
2015	10	98.6	100.9	100.6	96.6	99.1

Tabel: 107 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1981	20	97.7	95.3	101.7	100.2	98.5	95.5	94.5
100.2								
1982	39	99.3	96.3	100.5	101.6	99.3	95.6	94.8
100.8								
1983	57	99.1	95.6	99.9	101.0	98.8	96.1	94.6
99.5								
1984	82	98.6	95.0	102.1	100.0	98.4	95.6	94.3
99.5								
1985	128	99.3	95.4	102.1	100.6	99.5	97.1	95.3
100.0								
1986	232	99.8	96.0	100.8	100.4	99.6	96.6	95.1
99.0								
1987	440	99.4	96.2	102.0	100.1	99.9	96.7	95.3
100.0								
1988	505	99.4	96.1	102.2	100.3	99.7	96.6	95.1
100.3								
1989	638	99.3	96.3	101.8	100.3	99.5	96.2	94.9
99.9								
1990	724	99.2	96.3	101.3	100.6	99.1	95.5	94.2
99.8								
1991	664	99.2	96.0	100.9	100.0	99.0	95.5	93.9
98.5								
1992	520	99.5	96.4	100.7	100.3	99.1	95.4	94.0
98.5								
1993	526	100.2	97.1	100.2	100.7	99.0	95.9	94.9
98.1								
1994	525	100.4	97.6	99.7	100.4	98.4	96.3	95.4
96.9								
1995	307	100.2	98.0	100.0	100.1	98.7	96.8	95.9
97.5								
1996	201	99.5	99.2	99.8	99.1	99.1	96.9	96.7
98.6								



1997 98.8	107	99.8	98.7	99.7	99.4	100.3	97.4	96.6
1998 99.2	54	100.0	99.5	100.4	99.1	100.7	98.3	97.6
1999 100.1	39	99.8	98.3	100.6	100.1	100.8	97.8	97.0
2000 99.4	22	100.5	99.0	101.1	100.1	101.0	98.7	98.5
2001 99.1	17	99.4	98.7	100.6	100.5	101.4	99.1	98.1
2002 99.8	19	100.5	98.2	100.5	100.9	101.2	98.5	97.6
2003 99.7	11	102.0	101.0	98.4	101.8	102.5	99.8	99.5
2004 100.0	19	100.6	100.0	99.8	101.1	101.8	99.4	98.8
2005 101.2	20	101.7	101.6	99.6	101.5	103.3	100.6	100.0
2006 101.8	20	101.8	101.3	100.4	101.5	104.3	100.5	99.8
2013 101.8	10	102.0	103.5	99.6	103.1	104.2	102.6	103.5
2014 102.7	15	102.7	103.7	100.8	102.5	105.0	102.0	102.6
2015 101.3	10	103.4	101.9	99.1	103.1	103.8	101.3	101.8

Tabel: 108 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	20	87.5	84.5	95.3	88.0	93.8	83.6
1982	39	89.1	86.3	96.8	88.6	93.3	85.2
1983	57	89.3	86.2	96.3	89.1	93.2	85.5
1984	82	89.5	87.0	95.3	90.2	94.7	86.0
1985	128	88.1	85.6	96.8	89.4	93.2	85.6
1986	232	88.2	85.9	96.9	89.1	92.2	85.5
1987	440	89.4	87.1	96.9	90.5	92.8	86.8
1988	505	89.3	86.8	96.8	90.8	93.1	86.9
1989	638	89.8	87.4	96.6	91.2	93.1	87.3
1990	724	90.4	87.8	96.2	91.4	93.3	87.5
1991	664	90.2	86.9	95.9	90.1	91.9	86.3
1992	520	91.2	88.0	96.2	90.6	92.1	87.1
1993	526	92.0	88.6	97.0	90.8	91.8	88.0
1994	525	92.9	88.9	97.1	90.0	91.4	87.7
1995	307	93.4	89.2	97.3	89.9	92.1	87.8

1996	201	94.3	90.5	97.4	91.7	92.7	89.5
1997	107	94.3	89.9	98.0	91.0	92.4	89.2
1998	54	95.0	90.6	98.8	90.8	92.4	89.7
1999	39	94.8	91.1	98.6	92.8	93.4	91.1
2000	22	94.6	91.4	99.6	93.0	93.2	91.5
2001	17	94.5	91.2	99.5	92.9	93.3	91.5
2002	19	96.9	93.6	99.4	94.5	95.9	93.4
2003	11	96.6	93.0	102.0	94.5	93.2	94.5
2004	19	96.1	92.8	100.7	94.6	94.5	93.8
2005	20	97.0	93.2	102.6	94.9	94.2	95.0
2006	20	95.7	92.6	102.8	96.2	93.0	95.7
2013	10	98.6	93.3	105.0	96.2	93.3	97.3
2014	15	98.7	95.5	104.8	97.9	94.8	98.7
2015	10	99.5	95.6	104.1	98.7	94.8	99.2

Tabel: 109 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	49	101.3	101.1	99.5	99.9	99.1	100.1	88.7	100.3
99.8									
1981	86	102.3	98.7	98.6	98.1	99.3	100.6	88.1	98.5
99.1									
1982	122	101.6	98.6	98.2	97.7	99.0	100.1	89.2	98.1
98.7									
1983	164	101.5	99.0	98.4	98.3	99.2	100.7	89.3	98.5
99.1									
1984	259	101.8	99.3	98.8	98.8	99.5	100.5	89.3	98.9
99.4									
1985	372	101.4	99.5	99.0	99.0	99.6	101.1	90.0	99.1
99.6									
1986	581	101.3	99.0	98.8	98.7	99.5	101.3	91.3	98.8
99.5									
1987	1013	101.8	98.7	98.7	98.4	99.7	102.0	91.8	98.5
99.6									
1988	1050	101.6	98.8	98.6	98.5	99.6	102.0	91.8	98.5
99.6									
1989	1141	101.1	98.6	98.2	98.0	99.1	101.6	92.0	98.2
99.1									
1990	1298	101.2	98.9	98.6	98.5	99.5	102.3	92.5	98.5
99.6									
1991	1318	101.3	98.0	98.2	97.8	99.4	102.1	93.6	97.9
99.2									

1992	1029	101.2	97.9	98.0	97.6	99.1	102.0	94.6	97.7
99.0									
1993	1119	100.8	98.0	97.7	97.4	98.8	101.9	94.8	97.6
98.8									
1994	1193	100.5	97.8	97.4	97.0	98.7	102.1	95.1	97.2
98.6									
1995	783	100.1	97.7	97.1	96.8	98.2	101.8	95.7	97.0
98.2									
1996	502	100.2	97.3	97.2	96.5	98.4	101.7	96.8	96.9
98.2									
1997	271	99.6	96.5	96.3	95.5	97.6	101.7	97.1	95.9
97.4									
1998	131	98.9	97.2	96.5	96.0	97.5	101.7	97.9	96.4
97.6									
1999	95	99.2	96.6	96.3	95.8	97.6	102.0	97.8	95.9
97.5									
2000	57	99.3	96.8	96.2	95.9	97.5	100.9	96.8	95.9
97.3									
2001	40	99.6	96.4	96.5	95.9	97.8	100.6	97.0	95.9
97.3									
2002	43	99.3	96.8	96.5	96.0	97.7	101.2	98.5	96.1
97.6									
2003	38	96.5	97.4	95.3	95.2	95.9	100.1	100.7	95.8
96.3									
2004	42	96.5	97.9	95.7	95.5	95.9	99.4	101.0	96.3
96.4									
2005	38	97.5	96.3	95.4	94.9	96.4	100.4	100.8	95.2
96.3									
2006	31	96.9	96.2	95.1	94.5	96.0	100.0	101.9	95.0
96.0									
2007	31	96.1	96.6	94.6	94.4	95.3	100.0	102.3	95.0
95.8									
2008	40	97.5	97.2	95.9	95.5	96.6	100.6	101.4	96.0
96.8									
2009	33	97.3	97.0	95.7	95.4	96.5	100.3	101.8	95.8
96.7									
2010	17	97.6	97.9	96.8	96.6	97.5	100.6	102.6	97.0
97.7									
2011	20	96.5	98.2	96.0	96.0	96.3	99.0	103.0	96.5
96.7									
2012	16	97.0	98.1	96.4	96.2	96.9	99.7	101.4	96.8
97.1									
2013	29	98.7	95.6	95.9	95.0	97.3	101.1	100.9	95.2
96.8									
2014	37	98.4	96.7	97.2	96.1	98.0	100.1	103.5	96.6
97.6									
2015	34	100.2	97.3	98.6	97.6	99.9	102.1	103.6	97.6
99.3									
2016	27	98.7	96.9	97.0	96.1	97.7	100.4	102.4	96.4
97.6									

2017 24 99.0 98.2 98.5 98.0 99.4 101.9 103.7 98.3  
99.3

Tabel: 110 MRIJ - Holstein Friesian roodbont: Gebruikskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	20	98.7	97.6	97.9	102.6	102.9
1982	38	99.0	98.2	98.4	102.9	102.6
1983	55	98.1	96.9	97.4	101.8	101.7
1984	79	97.7	96.2	97.0	101.7	102.2
1985	126	97.9	95.8	96.9	101.7	101.8
1986	222	97.6	95.4	96.3	100.4	100.8
1987	434	98.0	95.4	96.2	100.5	100.5
1988	481	98.0	95.7	96.2	100.3	100.6
1989	581	97.6	95.8	96.1	100.1	100.6
1990	658	97.8	95.9	95.8	99.3	99.9
1991	598	98.1	96.2	96.1	99.9	100.0
1992	495	98.3	96.8	96.3	100.0	100.3
1993	500	99.5	96.8	96.1	99.8	99.8
1994	494	100.4	96.9	96.4	100.1	99.6
1995	284	99.8	96.7	96.2	99.5	99.5
1996	194	99.7	97.6	95.5	98.5	99.4
1997	94	99.3	97.9	96.1	99.0	99.4
1998	53	98.8	96.2	96.0	98.9	99.0
1999	37	98.1	95.9	95.7	98.5	98.3
2000	23	98.6	95.6	96.8	99.3	99.2
2001	17	98.6	96.1	96.1	98.8	98.4
2002	22	99.7	97.3	96.3	98.6	98.3
2003	10	98.7	97.8	95.5	98.2	98.0
2004	17	98.7	96.5	96.2	98.3	97.5
2005	20	99.0	97.5	96.8	98.5	97.7
2006	21	98.8	98.0	97.3	99.2	98.3
2014	14	99.1	99.9	97.9	99.1	98.4

Tabel: 111 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
BVK									

1980	14	-194.9	-379.6	-100.6	103.2	99.8	92.9	88.0	96.3
0.0									
1981	32	-193.1	-356.2	-82.1	103.0	99.1	95.3	88.0	96.4
0.0									
1982	60	-180.0	-336.0	0.6	103.0	98.7	96.8	88.6	96.1
0.0									
1983	103	-196.2	-357.8	-70.5	101.9	99.1	96.3	89.1	96.3
0.0									
1984	169	-195.6	-382.7	-79.7	102.2	99.4	95.3	90.2	97.3
0.0									
1985	268	-189.6	-357.0	-122.5	101.9	99.6	96.8	89.4	97.8
111.2									
1986	481	-194.9	-349.4	-121.0	100.7	99.5	96.9	89.1	97.8
108.7									
1987	915	-191.7	-343.2	-151.9	100.6	99.6	96.9	90.5	97.5
96.1									
1988	986	-186.9	-338.0	-142.8	100.6	99.6	96.8	90.8	97.5
94.8									
1989	1062	-189.5	-332.6	-141.9	100.4	99.1	96.6	91.2	97.4
89.0									
1990	1220	-188.4	-333.5	-117.8	99.6	99.6	96.2	91.4	97.8
86.8									
1991	1206	-186.4	-283.7	-123.6	99.9	99.2	95.9	90.1	97.7
88.4									
1992	948	-179.6	-274.8	-132.0	100.2	99.0	96.2	90.6	97.6
79.3									
1993	1027	-164.1	-250.6	-125.9	99.8	98.8	97.0	90.8	97.6
71.0									
1994	1070	-153.7	-210.8	-118.1	99.8	98.6	97.1	90.0	97.6
66.8									
1995	689	-153.8	-195.6	-117.6	99.4	98.2	97.3	89.9	97.5
63.5									
1996	448	-144.5	-179.8	-115.6	98.9	98.2	97.4	91.7	98.0
58.5									
1997	236	-141.7	-137.1	-134.7	99.1	97.4	98.0	91.0	97.7
60.1									
1998	120	-137.5	-114.5	-147.7	98.8	97.6	98.8	90.8	97.6
52.5									
1999	88	-131.2	-110.3	-155.8	98.2	97.5	98.6	92.8	97.6
50.4									
2000	54	-122.1	-103.3	-182.8	99.1	97.3	99.6	93.0	97.6
49.9									
2001	38	-77.5	1.5	-56.7	98.4	97.3	99.5	92.9	97.9
40.8									
2002	41	-95.6	-45.4	-112.2	98.3	97.6	99.4	94.5	97.4
26.2									
2003	36	-76.2	-2.7	-73.8	97.9	96.3	102.0	94.5	96.8
39.0									

2004	40	-84.0	-11.0	-150.4	97.5	96.4	100.7	94.6	96.1
39.8									
2005	33	-43.6	91.6	-16.3	97.8	96.3	102.6	94.9	96.2
27.3									
2006	29	-30.3	85.0	33.6	98.5	96.0	102.8	96.2	96.8
35.4									
2007	26	-39.6	74.8	-20.9	98.4	95.8	101.0	96.0	95.5
11.2									
2008	25	-76.9	21.7	-124.5	96.9	96.8	100.0	96.9	96.6
8.4									
2009	18	-30.1	60.9	41.9	97.9	96.7	105.3	97.6	96.9
14.9									
2010	14	-23.4	60.9	28.2	98.4	97.7	105.0	100.2	97.7
0.2									
2011	19	9.1	131.9	107.2	98.3	96.7	103.5	98.0	97.5
20.3									
2012	12	-1.6	88.6	48.8	99.4	97.1	104.6	100.0	97.7
10.8									
2013	20	19.1	123.0	71.8	98.8	96.8	105.0	96.2	97.8
20.5									
2014	30	6.3	89.4	54.6	98.6	97.6	104.8	97.9	98.5
13.1									
2015	18	1.9	105.8	59.2	95.9	99.3	104.1	98.7	98.3
9.0									
2016	13	31.0	153.8	168.5	98.4	97.6	104.2	98.5	98.4
13.0									
2017	11	85.8	169.5	201.3	99.4	99.3	106.7	97.7	99.7
-14.8									
2018	10	82.0	166.0	152.8	99.4	99.6	109.5	100.0	99.1
6.3									

Tabel: 112 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1986	11	93.0	93.7	98.5	97.1	93.5	96.5	95.0
1987	37	93.4	93.1	98.8	98.1	93.4	96.1	95.6
1988	32	93.1	92.6	98.8	97.8	93.2	95.7	95.7
1989	31	93.7	93.4	99.1	98.0	93.6	96.0	95.8
1990	22	92.8	93.3	98.4	97.5	93.2	95.9	95.2
1991	68	90.6	91.4	96.7	95.8	92.2	94.8	95.3
1992	62	90.7	91.9	96.4	95.5	92.6	95.1	95.7
1993	87	91.8	94.2	96.2	95.6	93.6	96.4	96.4
1994	143	92.0	94.8	96.3	95.6	93.8	96.8	96.0
1995	93	92.6	94.5	97.3	96.1	93.6	97.2	95.8

1996	62	93.5	93.6	98.9	97.8	93.2	98.1	94.9
1997	50	92.8	93.4	97.6	97.2	93.9	96.8	95.9
1998	36	92.7	93.8	97.8	97.0	93.1	96.2	95.6
1999	22	94.7	96.1	98.6	97.7	95.4	96.9	96.7
2000	16	93.3	95.2	97.5	97.4	94.2	96.8	95.7
2001	12	95.1	95.4	99.6	98.2	95.2	98.0	95.8
2002	16	93.4	95.2	97.2	96.8	95.7	97.5	96.1
2003	10	95.6	97.0	98.8	98.5	95.7	97.7	97.1
2004	15	95.0	96.6	98.5	97.8	96.5	96.5	96.9
2005	18	96.4	97.4	98.6	99.1	97.4	98.0	98.6
2006	19	94.9	95.9	97.9	98.4	96.3	97.5	98.2
2013	11	96.5	97.5	98.8	98.9	97.7	98.4	98.5
2014	17	97.0	98.3	98.3	98.2	98.9	98.8	100.1
2015	12	95.8	96.1	98.0	97.7	97.0	99.2	99.5

Tabel: 113 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1981	10	96.5	98.3	96.5	98.3	97.7	98.7
1982	16	95.8	98.4	95.8	98.4	97.1	98.4
1983	23	95.8	98.7	95.8	98.7	96.9	98.7
1984	25	96.4	99.0	96.4	99.0	97.3	98.8
1985	45	98.1	98.5	98.1	98.5	98.4	99.9
1986	74	97.8	98.4	97.8	98.4	98.7	99.3
1987	130	97.2	98.4	97.2	98.4	98.0	99.5
1988	127	97.2	98.6	97.2	98.6	98.0	99.6
1989	130	97.1	98.3	97.1	98.3	97.9	99.1
1990	115	96.9	98.4	96.9	98.4	97.6	99.0
1991	160	97.5	98.3	97.5	98.3	98.6	98.3
1992	139	97.5	98.3	97.5	98.3	98.4	98.3
1993	144	97.5	98.5	97.5	98.5	98.5	98.2
1994	179	97.4	98.6	97.4	98.6	98.5	97.7
1995	129	97.6	98.6	97.6	98.6	99.0	97.9
1996	93	97.9	98.9	97.9	98.9	99.0	98.7
1997	68	98.7	98.1	98.7	98.1	100.2	97.9
1998	42	98.3	98.7	98.3	98.7	99.8	98.4
1999	33	98.1	98.6	98.1	98.6	99.1	98.5
2000	29	99.0	98.8	99.0	98.8	100.6	99.0
2001	21	98.7	97.9	98.7	97.9	100.1	98.8
2002	30	97.9	98.3	97.9	98.3	99.4	99.4
2003	25	98.6	97.6	98.6	97.6	99.4	98.7
2004	34	97.9	97.3	97.9	97.3	99.4	98.1
2005	33	98.2	96.8	98.2	96.8	99.8	97.7
2006	29	98.7	97.2	98.7	97.1	100.2	97.7
2007	20	98.8	96.0	98.8	96.0	100.8	97.3

2008	34	98.7	97.2	98.8	97.2	100.3	97.8
2009	34	99.3	97.1	99.3	97.1	100.9	98.1
2010	16	99.2	97.6	99.2	97.6	100.6	98.9
2011	19	99.4	98.2	99.4	98.2	101.4	98.5
2012	17	98.9	97.9	98.9	97.9	100.7	98.9
2013	32	99.5	97.8	99.5	97.8	100.6	99.0
2014	41	99.6	98.6	99.6	98.6	101.8	99.4
2015	40	98.4	99.3	98.4	99.3	101.2	99.7
2016	33	99.6	98.6	99.6	98.6	101.8	99.8
2017	34	99.8	99.8	99.9	99.8	102.7	100.7
2020	11	98.5	99.8	98.5	99.8	100.9	99.9
2021	17	100.1	99.2	100.1	99.2	102.4	100.3
2022	13	100.8	99.5	100.8	99.5	103.8	99.4
2023	12	99.8	100.1	99.8	100.1	103.6	100.6

Tabel: 114 MRIJ - Holstein Friesian roodbont: Geboortekenenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1981	20	93.1	104.2	107.7	97.5	99.1	104.8
1982	43	92.8	105.5	107.8	98.0	100.3	103.5
1983	57	94.1	103.6	106.2	98.3	99.7	101.3
1984	102	95.4	103.0	105.4	99.1	99.3	101.4
1985	168	97.1	101.8	103.4	97.9	99.7	101.4
1986	260	96.0	102.1	104.3	98.3	99.4	100.2
1987	467	95.8	102.9	104.8	98.2	100.0	102.3
1988	480	96.7	102.6	103.8	98.0	100.0	102.1
1989	488	95.9	103.0	104.6	97.8	99.8	102.1
1990	592	95.6	103.0	104.7	98.3	100.1	100.8
1991	589	95.5	102.3	104.6	97.0	100.1	101.7
1992	457	95.5	102.8	104.8	97.2	100.2	101.9
1993	486	95.7	102.9	104.9	98.7	101.0	101.1
1994	452	95.8	102.2	104.8	99.2	101.7	101.3
1995	288	94.7	102.6	105.9	99.4	101.3	101.0
1996	181	96.2	102.6	104.6	99.3	101.0	100.8
1997	122	95.6	102.4	104.9	96.9	100.5	102.0
1998	49	96.0	102.1	104.4	97.4	100.6	101.3
1999	51	95.7	102.4	105.0	98.7	100.9	100.7
2000	28	97.3	101.0	103.5	99.6	99.7	99.7
2001	20	95.9	100.7	104.5	99.2	99.8	99.7
2002	24	96.8	101.0	103.7	99.4	100.1	99.3
2003	16	94.1	103.0	105.9	97.1	99.3	99.6
2004	26	96.2	102.5	104.2	97.6	101.7	100.6
2005	22	96.6	102.5	104.1	97.6	103.3	101.3
2006	21	96.4	102.2	103.9	96.0	101.0	101.3
2007	16	96.4	101.8	103.8	95.6	103.0	102.6



2008	26	96.8	101.8	104.0	97.0	102.5	103.0
2009	18	96.3	102.7	104.5	96.8	103.1	102.3
2010	13	98.4	102.3	102.2	96.6	101.8	101.5
2011	15	96.9	101.8	104.1	100.9	100.6	97.9
2012	11	98.2	102.1	102.8	100.1	100.5	98.5
2013	25	97.4	101.0	103.6	98.5	100.9	100.5
2014	35	97.9	100.9	102.9	98.7	101.2	101.2
2015	32	97.4	99.8	103.0	98.2	99.9	99.7
2016	24	97.6	100.3	103.2	99.4	99.8	99.0
2017	23	98.6	98.6	102.2	100.2	99.1	99.2

Tabel: 115 MRIJ - Holstein Friesian roodbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st
1981	11	103.4	102.2	98.9	103.5	101.7	99.1	103.9	99.1	103.5	98.8
1982	21	102.3	99.2	99.3	102.1	99.9	99.3	103.2	99.4	101.2	99.3
1983	35	101.7	98.8	99.1	101.5	100.0	99.0	102.5	99.1	101.0	98.8
1984	38	102.1	100.8	98.6	102.3	101.2	99.1	102.4	99.3	102.3	98.6
1985	63	101.4	99.1	97.5	100.9	99.5	97.4	102.3	99.3	100.4	97.6
1986	115	101.0	97.7	98.5	100.4	99.1	98.0	101.8	99.7	100.1	98.0
1987	206	101.6	97.8	98.4	100.6	99.5	98.3	102.6	99.2	100.5	98.0
1988	180	101.5	98.0	98.5	100.6	99.8	98.4	102.5	99.2	100.7	98.2
1989	188	101.6	97.6	98.9	100.6	99.4	98.3	102.8	99.0	100.0	98.1
1990	210	101.5	98.6	98.4	101.4	99.4	98.6	102.5	99.1	100.6	98.3
1991	253	100.5	97.1	98.8	100.5	98.2	98.6	101.6	99.1	99.5	98.1
1992	219	100.4	96.5	99.0	100.5	97.8	98.4	101.7	99.1	98.9	97.8
1993	241	101.2	95.8	99.6	100.6	98.1	98.1	102.5	99.6	98.4	98.3
1994	275	101.4	94.6	100.2	100.7	97.5	97.8	103.0	99.8	97.4	98.3

1995	185	101.2	94.4	100.5	100.6	96.8	98.4	102.7	100.2	97.0	98.3
101.7											
1996	131	100.3	94.7	100.4	100.6	96.0	99.7	101.5	100.5	97.1	98.8
101.4											
1997	96	99.7	93.8	101.3	99.8	95.5	99.5	100.7	100.7	96.7	98.8
100.3											
1998	52	99.4	93.6	100.8	100.2	95.0	99.3	100.7	100.0	96.3	97.8
100.9											
1999	51	99.6	92.6	101.1	99.4	95.1	99.3	100.8	100.7	95.7	98.5
99.7											
2000	37	99.5	93.9	100.2	100.6	95.7	99.4	100.9	100.2	96.1	98.7
99.7											
2001	27	98.5	92.7	102.1	99.2	95.4	100.2	99.6	100.3	95.6	99.6
98.7											
2002	34	98.4	93.3	101.8	99.2	95.1	100.3	99.6	99.6	95.8	99.4
98.9											
2003	30	98.0	90.7	102.6	98.6	93.2	100.2	99.1	101.3	94.0	99.6
97.7											
2004	34	98.3	92.1	101.0	99.6	93.4	99.6	99.4	101.3	94.3	98.4
98.8											
2005	35	97.8	91.4	101.4	99.9	92.7	100.2	98.8	101.6	93.8	98.8
99.1											
2006	28	97.5	90.0	102.5	98.4	92.5	100.1	98.9	101.4	93.1	99.8
97.2											
2007	24	96.8	90.4	102.0	97.8	92.0	100.6	97.7	102.0	93.4	99.4
97.2											
2008	21	98.1	92.6	101.0	99.7	93.6	100.3	99.0	101.5	94.7	99.0
99.0											
2009	17	97.2	90.6	102.2	98.3	92.6	100.5	98.4	101.0	92.8	100.0
96.7											
2011	14	95.8	90.6	101.1	98.7	91.0	100.9	96.9	100.6	93.2	99.1
96.9											
2012	10	95.7	91.9	100.5	98.9	91.7	101.5	97.4	99.6	93.3	99.6
97.7											
2013	21	96.2	91.9	102.1	98.6	92.3	101.7	98.0	98.8	94.0	100.5
97.0											
2014	23	96.3	90.8	101.7	98.3	92.3	101.3	98.0	99.2	93.2	99.4
98.1											
2015	14	95.9	91.3	101.1	98.6	92.1	101.9	97.1	99.9	94.0	99.9
97.2											
2016	12	96.6	90.8	101.9	97.8	92.6	100.7	98.5	99.8	93.0	100.1
96.8											

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Tabel: 116 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: VL

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Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	12	98.2	97.6	101.4
1983	14	98.2	97.9	101.4
1984	11	97.4	97.3	101.2
1985	15	97.9	97.5	101.6
1986	30	97.7	97.1	101.5
1987	43	97.7	97.2	101.5
1988	43	98.1	97.4	101.4
1989	36	97.6	97.1	101.3
1990	37	97.0	96.9	101.2
1991	61	97.9	97.5	101.6
1992	42	97.5	97.2	101.3
1993	49	97.2	97.1	101.2
1994	61	97.6	97.4	101.2
1995	43	98.5	98.2	101.6
1996	41	97.8	97.5	100.8
1997	29	98.4	98.1	101.2
1998	21	97.8	97.6	101.1
1999	14	98.0	97.4	101.3
2000	16	97.2	97.4	101.8
2001	18	98.3	98.1	101.0
2002	18	98.2	98.2	100.8
2004	18	99.1	98.4	100.9
2005	19	99.0	98.5	101.3
2006	15	98.9	98.5	101.1
2007	15	99.3	99.1	101.9
2008	26	97.9	97.7	100.8
2009	26	98.5	98.0	101.3
2010	12	98.4	97.9	100.6
2011	12	98.6	98.9	99.8
2012	12	99.2	99.3	99.9
2014	16	99.5	99.2	100.0

Tabel: 117 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	38	-903.8	-3458.3	-149.4	-132.1
2002	41	-1385.8	-5397.4	-228.5	-202.5
2003	35	-1011.2	-4180.9	-153.8	-153.4
2004	40	-1508.1	-6153.6	-240.8	-223.4
2005	35	-321.3	-1506.2	-25.3	-60.2
2006	29	60.4	503.3	17.4	4.0
2007	26	-425.7	-2054.3	-51.9	-70.3
2008	25	-1145.4	-5051.6	-180.2	-169.6

2009	18	-34.2	-109.3	0.1	-7.9
2010	14	-125.2	-721.1	-3.6	-26.3
2011	20	669.0	2356.5	140.7	83.2
2012	12	250.6	273.6	71.5	23.6
2013	20	360.8	1353.7	63.0	51.2
2014	31	125.6	453.5	19.4	19.2
2015	23	248.7	1107.5	52.2	30.1
2016	15	1270.5	5639.6	213.7	181.3
2017	13	1925.4	7790.2	333.5	272.2
2018	10	1319.3	5094.1	253.8	174.5

Tabel: 118 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1982	10	94.4	92.2	99.9	90.8
1986	20	95.3	92.0	98.2	90.0
1987	27	96.0	91.5	97.7	89.9
1988	29	96.1	92.3	97.9	90.7
1989	25	95.8	91.2	97.4	89.4
1990	15	95.1	89.5	97.7	87.9
1991	45	95.9	91.7	98.0	89.9
1992	28	95.8	91.0	97.9	89.5
1993	32	96.4	91.8	97.1	90.0
1994	50	96.6	92.4	96.9	90.1
1995	24	97.5	89.2	97.2	89.3
1996	21	97.0	89.8	97.1	88.9
1997	15	96.7	90.8	98.6	90.5
2014	10	100.8	98.2	98.0	97.9

Tabel: 119 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	14	96.7	98.6	0	0.0	0.0	0	0.0
1981	32	96.0	99.0	0	0.0	0.0	0	0.0
1982	60	95.8	100.0	0	0.0	0.0	0	0.0
1983	103	95.1	99.0	0	0.0	0.0	0	0.0
1984	169	95.0	98.3	0	0.0	0.0	0	0.0
1985	268	94.4	98.4	128	-3.8	111.2	0	0.0
1986	481	93.9	98.0	235	-3.8	108.7	0	0.0

1987	915	93.8	97.9	445	-3.5	96.1	0	0.0
1988	986	93.8	97.7	511	-3.5	94.8	0	0.0
1989	1062	94.0	98.1	639	-3.4	89.0	0	0.0
1990	1220	93.5	97.9	727	-3.4	86.8	0	0.0
1991	1206	93.6	98.0	664	-3.1	88.4	0	0.0
1992	948	93.8	98.2	521	-2.9	79.3	0	0.0
1993	1027	94.2	98.2	529	-2.6	71.0	0	0.0
1994	1070	94.4	98.4	526	-2.2	66.8	0	0.0
1995	689	94.3	98.4	311	-2.1	63.5	0	0.0
1996	448	93.4	97.8	201	-1.9	58.5	0	0.0
1997	236	94.3	98.1	110	-1.7	60.1	0	0.0
1998	120	94.3	98.1	55	-1.4	52.5	0	0.0
1999	88	94.9	98.1	40	-1.4	50.4	0	0.0
2000	54	94.2	97.9	22	-1.5	49.9	0	0.0
2001	38	95.8	98.2	19	-0.6	40.8	17	93.9
2002	41	96.1	98.4	23	-0.6	26.2	19	96.4
2003	36	95.9	98.4	11	-0.3	39.0	11	95.0
2004	40	95.3	98.4	19	-0.7	39.8	19	95.2
2005	33	96.2	98.8	20	0.5	27.3	20	95.8
2006	29	96.4	98.7	21	0.3	35.4	21	94.7
2007	26	96.8	99.5	6	0.1	11.2	6	98.5
2008	25	95.9	99.0	8	0.3	8.4	8	98.8
2009	18	95.6	98.0	7	0.8	14.9	7	96.4
2010	14	96.5	98.9	4	1.2	0.2	4	98.8
2011	19	96.6	98.0	6	0.1	20.3	6	96.5
2012	12	97.3	100.9	6	0.5	10.8	6	98.0
2013	20	96.2	99.8	10	0.6	20.5	10	95.8
2014	30	96.4	98.6	15	0.3	13.1	15	97.1
2015	18	96.4	98.2	10	0.6	9.0	10	97.3
2016	13	97.4	98.6	9	0.4	13.0	9	97.0
2017	11	98.4	100.3	6	1.1	-14.8	6	100.5
2018	10	96.7	99.6	3	0.9	6.3	3	98.3

Tabel: 120 MRIJ - Holstein Friesian roodbont: Stofwisselingsaandoeningen  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1982	15	99.6	1	100.0	1	93.0	15	94.6
1983	17	99.4	0	0.0	0	0.0	17	92.8
1984	18	99.7	0	0.0	0	0.0	18	94.4
1985	26	99.4	0	0.0	0	0.0	26	92.7
1986	54	99.5	1	100.0	1	98.0	54	93.2
1987	94	99.5	0	0.0	0	0.0	94	93.6
1988	90	99.6	0	0.0	0	0.0	90	93.8
1989	93	99.4	0	0.0	0	0.0	93	93.3
1990	74	99.5	1	99.0	1	94.0	74	94.1

1991	109	99.0	10	96.6	10	98.4	109	93.0
1992	92	98.9	5	96.4	5	98.2	92	92.6
1993	101	99.1	0	0.0	0	0.0	101	92.6
1994	127	99.1	4	98.5	3	97.0	127	92.4
1995	85	98.8	6	100.8	6	95.3	85	91.6
1996	69	99.2	4	103.2	4	96.8	69	91.4
1997	45	98.5	6	98.7	6	96.7	45	91.4
1998	32	98.5	2	98.0	2	96.5	32	91.2
1999	16	99.5	3	102.7	2	98.0	16	92.4
2000	17	99.1	1	95.0	1	98.0	17	92.6
2001	18	99.8	2	101.5	2	100.0	18	94.1
2002	18	100.1	1	104.0	1	97.0	18	93.6
2003	12	99.2	0	0.0	0	0.0	12	93.1
2004	19	98.7	1	98.0	1	97.0	19	92.2
2005	24	98.7	2	101.5	2	97.5	24	92.5
2006	19	98.6	1	98.0	1	98.0	19	92.6
2007	10	99.5	0	0.0	0	0.0	10	96.1
2008	15	99.0	1	100.0	1	98.0	15	94.1
2009	14	99.1	1	99.0	1	98.0	14	95.2
2010	12	99.2	1	98.0	1	99.0	12	94.3
2011	19	99.4	2	102.5	2	97.5	19	93.7
2012	12	99.4	3	101.0	3	98.7	12	94.6
2013	19	99.4	1	103.0	2	99.0	19	94.9
2014	28	99.9	5	101.0	5	97.2	28	97.6
2015	16	100.1	0	0.0	0	0.0	16	96.5
2016	12	99.8	3	100.7	2	97.5	12	96.8
2017	10	100.1	0	0.0	0	0.0	10	98.0
2018	10	100.2	2	100.5	2	98.0	10	96.9

Tabel: 121 MRIJ - Holstein Friesian roodbont: Reproductiestoornissen  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1991	19	100.9	100.7	100.8	100.8	99.0	100.0
1993	13	100.7	99.9	100.8	100.2	100.5	100.8
1994	31	101.1	100.1	101.1	100.2	100.7	101.0
1995	18	100.9	100.6	101.3	100.0	100.1	101.2
1996	15	99.3	98.6	99.7	98.8	99.4	99.7
2014	11	100.5	99.6	100.1	100.4	99.5	100.4

Tabel: 122 Jersey: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	10	-3508.1	-68.0	-101.0	-159.0	195.1	54.5	1.5	-604.7
1986	13	-2876.4	-67.0	-87.1	-130.2	126.3	33.3	1.6	-536.8
1987	28	-3172.8	-69.9	-94.0	-143.5	151.7	43.0	2.0	-575.2
1988	22	-3183.5	-65.5	-93.0	-144.1	158.2	43.9	1.7	-562.2
1989	26	-3445.7	-80.5	-102.6	-156.2	166.5	48.3	1.5	-636.7
1990	28	-3271.5	-69.3	-97.5	-148.1	162.3	42.2	1.8	-589.8
1991	30	-3147.7	-67.0	-93.7	-142.5	157.0	41.3	1.6	-567.8
1992	33	-3084.0	-67.1	-92.1	-139.5	148.0	38.9	2.0	-560.3
1993	28	-2884.8	-65.1	-85.7	-130.4	130.0	36.1	1.8	-527.2
1994	29	-2636.4	-55.8	-76.2	-119.1	120.6	35.3	1.7	-465.1
1995	24	-2800.1	-57.1	-81.0	-126.6	132.0	37.5	1.5	-490.1
1996	31	-2872.5	-60.8	-84.2	-129.9	134.2	37.2	1.7	-511.6
1997	36	-3037.9	-63.6	-86.9	-137.5	145.7	44.5	1.7	-531.1
1998	31	-2761.9	-57.5	-80.4	-124.8	128.5	36.5	1.7	-487.8
1999	50	-2633.2	-49.6	-74.7	-119.1	124.8	36.3	1.5	-446.3
2000	45	-2598.1	-50.0	-74.1	-117.0	121.6	35.1	2.4	-444.0
2001	48	-2725.0	-53.3	-76.3	-122.7	127.6	40.1	2.6	-461.6
2002	45	-2643.6	-49.5	-75.2	-119.3	126.9	36.5	2.0	-448.1
2003	48	-2699.0	-50.2	-74.9	-118.6	131.8	41.2	7.9	-447.9
2004	52	-2412.7	-43.9	-65.8	-107.5	113.4	36.7	4.2	-394.5
2005	60	-2530.6	-46.0	-68.7	-113.1	120.7	39.6	3.9	-412.3
2006	70	-2570.7	-45.3	-70.7	-115.5	125.9	39.0	2.8	-419.9
2007	89	-2513.1	-39.1	-66.6	-113.1	131.1	42.4	2.3	-389.0
2008	100	-2518.2	-38.9	-66.1	-113.3	131.8	43.4	2.4	-386.8
2009	96	-2469.6	-38.0	-65.1	-111.6	127.9	41.5	1.4	-380.3
2010	138	-2372.8	-35.8	-61.6	-107.2	123.2	41.4	1.4	-359.8
2011	123	-2391.8	-33.8	-61.6	-107.8	127.9	42.3	1.9	-356.1
2012	121	-2430.7	-32.6	-60.2	-109.7	134.3	47.8	1.8	-348.4
2013	174	-2490.0	-33.2	-62.3	-111.9	139.9	48.6	2.6	-358.8
2014	132	-2512.6	-30.7	-61.2	-114.8	146.1	52.0	-0.7	-349.9
2015	125	-2385.6	-27.1	-56.2	-109.2	138.7	51.4	-1.0	-320.0
2016	113	-2341.7	-25.6	-56.4	-106.8	136.8	48.0	-0.2	-317.2
2017	105	-2359.8	-29.0	-55.9	-109.6	133.8	50.5	-3.8	-322.8
2018	98	-2188.1	-24.5	-52.5	-101.7	125.3	45.0	-3.2	-297.1
2019	52	-2312.6	-28.3	-53.6	-110.6	129.7	51.2	-8.9	-312.2
2020	53	-2128.2	-19.1	-47.8	-103.7	128.2	48.6	-10.9	-267.0
2021	57	-2086.0	-16.8	-45.7	-104.2	128.0	49.0	-14.7	-253.7

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

Tabel: 123 Jersey: Exterieurkenmerken bouw

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1987	15	72.2	78.5	84.6	89.7	90.0	96.0	79.6

1991	11	73.5	78.6	84.4	88.7	90.4	94.3	79.2
1992	14	71.4	78.1	84.4	89.1	89.8	95.2	78.6
1993	16	72.7	78.2	84.2	89.3	89.6	95.7	79.5
1994	17	71.8	78.1	83.8	88.8	90.1	95.5	78.9
1995	13	73.2	79.1	84.4	88.7	90.7	94.5	79.6
1996	12	71.7	77.6	83.5	88.6	90.5	94.8	78.9
1997	14	72.2	78.4	84.5	89.2	89.9	94.9	79.1
1998	12	72.2	79.2	84.8	89.5	90.2	95.2	80.2
1999	24	72.2	79.1	85.5	90.6	89.7	97.7	79.7
2000	14	72.1	78.9	85.3	90.0	90.3	96.6	78.6
2001	16	72.4	78.4	85.1	90.1	89.3	96.5	79.0
2002	17	71.6	78.8	85.2	90.1	89.5	96.6	79.0
2003	15	72.3	78.9	85.8	90.9	89.5	96.0	80.5
2004	18	73.1	78.4	86.4	91.7	88.8	97.1	79.9
2005	13	71.8	78.2	85.8	90.8	88.9	96.5	80.2
2006	24	72.2	78.1	85.0	90.1	89.2	96.0	79.7
2007	34	72.9	78.7	85.9	91.2	89.2	97.0	80.3
2008	43	73.3	79.8	86.1	91.0	90.1	96.7	80.8
2009	33	73.3	79.5	86.7	91.8	89.6	97.1	80.9
2010	55	73.2	79.0	86.5	91.6	89.2	97.4	80.1
2011	43	72.6	78.1	85.7	91.3	88.6	97.8	80.0
2012	43	73.3	78.8	86.8	91.8	88.8	97.9	79.8
2013	45	73.8	79.2	86.6	91.6	89.7	97.9	80.3
2014	41	72.5	80.2	86.3	91.1	90.4	97.8	80.9
2015	35	73.6	79.5	87.0	92.0	89.6	97.6	81.0
2016	17	73.8	80.1	86.9	91.8	90.3	98.9	80.6
2017	18	73.7	78.8	86.3	91.4	89.6	97.7	80.6
2018	21	73.0	80.2	86.7	91.5	89.9	98.0	81.9
2019	16	74.5	81.4	88.3	92.6	90.2	97.0	82.2
2020	16	73.0	79.9	87.6	92.2	89.6	96.9	80.6
2021	16	73.8	80.9	87.8	92.1	90.5	97.6	83.2

Tabel: 124 Jersey: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1987	15	102.1	107.9	90.5	93.3	104.8
1991	11	101.0	106.7	90.5	92.4	102.9
1992	14	104.2	107.7	90.9	94.1	106.9
1993	16	103.7	107.1	90.8	94.0	106.5
1994	17	103.1	106.5	91.8	94.2	105.8
1995	13	103.6	106.4	91.6	93.9	106.3
1996	12	102.8	106.5	90.9	93.1	105.2
1997	14	102.9	107.2	90.4	93.2	105.6
1998	12	101.9	106.9	91.0	93.8	104.8
1999	24	104.1	106.5	91.3	93.8	107.2



2000	14	105.3	106.6	90.3	94.1	108.7
2001	16	104.3	106.9	91.0	94.1	107.4
2002	17	103.2	107.0	91.1	93.8	106.1
2003	15	103.5	107.4	90.3	94.1	106.7
2004	18	104.9	107.2	90.6	94.1	108.2
2005	13	104.9	107.3	90.2	94.1	107.8
2006	24	104.2	107.5	90.3	93.3	107.1
2007	34	104.6	107.0	90.9	94.3	107.9
2008	43	103.8	107.2	91.0	94.3	106.8
2009	33	104.2	107.5	90.7	94.2	107.5
2010	55	104.8	107.3	90.5	93.7	108.0
2011	43	104.8	106.9	90.4	93.5	108.1
2012	43	104.3	107.6	90.4	93.5	107.7
2013	45	104.4	107.1	90.8	93.7	107.6
2014	41	103.9	107.0	91.0	94.2	107.1
2015	35	104.8	107.7	90.3	93.8	108.2
2016	17	104.5	106.2	92.0	93.6	107.8
2017	18	104.9	107.1	90.8	93.7	108.3
2018	21	103.9	107.5	90.7	93.5	107.1
2019	16	103.8	107.4	90.1	94.9	107.3
2020	16	105.3	107.0	90.8	93.5	108.6
2021	16	103.8	107.8	90.2	94.3	107.4

Tabel: 125 Jersey: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1987	15	90.1	93.4	104.3	86.9	93.9	95.6	94.5
94.7								
1991	11	90.5	92.5	104.5	86.8	93.8	94.8	93.3
93.9								
1992	14	89.6	93.3	104.6	85.8	94.1	95.4	94.1
94.4								
1993	16	89.9	93.5	105.5	85.9	94.2	95.6	94.3
94.9								
1994	17	90.0	93.6	104.8	86.4	94.2	95.6	94.2
94.7								
1995	13	89.8	94.7	104.5	86.0	93.9	95.7	94.9
94.5								
1996	12	88.9	92.2	104.6	85.0	93.6	94.8	92.8
94.2								
1997	14	90.9	93.7	104.2	86.7	94.5	95.4	93.9
94.4								
1998	12	91.2	94.3	105.0	87.2	95.1	95.8	94.9
95.6								

1999	24	90.7	94.7	104.5	87.0	94.9	96.6	95.8
95.3								
2000	14	91.1	96.1	104.9	86.6	95.3	96.4	96.2
95.9								
2001	16	90.2	94.8	105.1	86.2	94.6	96.2	95.4
95.5								
2002	17	90.6	95.4	104.9	86.6	95.1	96.7	96.3
95.7								
2003	15	91.6	95.3	104.1	87.3	95.8	96.1	95.3
95.0								
2004	18	91.9	95.5	105.8	86.7	96.4	97.1	96.4
95.8								
2005	13	91.4	94.7	104.8	86.8	95.8	96.7	95.7
94.9								
2006	24	92.3	95.0	104.8	88.1	96.2	96.7	95.7
95.2								
2007	34	92.0	95.4	105.3	87.1	96.1	96.5	95.8
95.6								
2008	43	92.2	95.4	105.2	87.7	95.8	96.4	95.9
95.4								
2009	33	92.5	95.2	105.8	87.6	95.9	96.3	95.6
95.6								
2010	55	93.0	95.0	104.7	88.3	96.3	96.5	95.5
94.9								
2011	43	93.2	95.5	104.5	88.5	97.2	97.4	96.3
95.3								
2012	43	93.3	95.6	104.8	88.3	96.7	97.1	96.2
94.9								
2013	45	93.1	95.7	105.1	88.3	96.6	97.4	96.5
95.1								
2014	41	94.1	96.2	104.8	89.5	96.9	96.9	96.4
95.6								
2015	35	93.8	96.7	104.7	88.5	97.0	97.4	96.9
94.9								
2016	17	93.5	96.4	106.1	88.6	96.9	97.6	96.9
95.9								
2017	18	94.3	97.6	105.2	89.0	97.4	98.0	97.8
95.2								
2018	21	95.4	97.0	104.6	90.2	97.5	97.4	96.8
95.1								
2019	16	95.8	96.6	104.6	91.1	97.8	96.4	96.0
95.5								
2020	16	95.4	96.4	105.1	90.2	97.0	96.6	95.9
95.1								
2021	16	95.2	97.1	104.6	90.1	96.6	96.7	96.1
94.7								

Tabel: 126 Jersey: Exterieurkenmerken bovenbalk

Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1987	15	72.7	76.7	89.8	101.5	0.0	83.7
1991	11	72.8	75.9	89.9	100.3	0.0	83.1
1992	14	71.1	75.9	89.4	103.8	0.0	84.1
1993	16	72.6	76.0	89.6	103.4	0.0	84.5
1994	17	71.9	75.8	89.8	103.2	0.0	84.4
1995	13	72.8	76.2	89.6	103.7	0.0	84.7
1996	12	71.6	75.9	88.8	102.6	0.0	83.4
1997	14	72.3	76.0	90.6	102.5	0.0	84.4
1998	12	72.7	76.7	90.8	102.0	0.0	84.3
1999	24	73.5	76.9	90.6	104.4	0.0	86.0
2000	14	72.8	76.6	90.8	105.7	0.0	86.5
2001	16	72.8	76.2	90.1	104.4	0.0	85.4
2002	17	72.6	76.4	90.5	103.1	0.0	84.9
2003	15	73.1	77.1	91.5	103.5	0.0	85.9
2004	18	73.6	77.3	91.8	105.1	0.0	87.0
2005	13	72.7	76.8	91.2	104.7	0.0	86.1
2006	24	72.6	76.3	92.2	103.8	0.0	86.1
2007	34	73.5	77.1	91.7	104.9	0.0	86.8
2008	43	74.2	77.6	91.7	103.8	0.0	86.5
2009	33	74.3	77.9	91.9	104.3	0.0	87.0
2010	55	73.9	77.4	92.5	104.8	0.0	87.3
2011	43	73.6	76.8	93.2	105.0	0.0	87.7
2012	43	74.0	77.3	93.0	104.4	0.0	87.4
2013	45	74.6	77.7	92.7	104.5	0.0	87.6
2014	41	74.6	78.0	93.6	104.0	0.0	87.9
2015	35	74.7	78.1	93.4	104.8	0.0	88.2
2016	17	75.5	78.5	93.1	105.3	0.0	88.6
2017	18	74.3	77.7	93.8	105.2	0.0	88.4
2018	21	75.1	78.0	94.7	103.9	0.0	88.5
2019	16	75.9	79.8	95.1	103.9	0.0	89.2
2020	16	74.4	78.6	94.4	105.6	0.0	89.0
2021	16	76.0	79.4	94.2	103.9	0.0	88.9

Tabel: 127 Jersey: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
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1984	11	102.8	103.3	100.3	101.7	101.1	95.6	76.1	102.1
100.3									
1985	11	102.6	103.3	100.4	102.1	101.1	96.4	76.9	101.8
100.5									
1986	14	102.9	102.6	100.5	101.4	101.0	96.9	80.9	101.7
100.4									
1987	30	102.5	102.2	99.9	101.0	100.6	96.3	80.9	101.1
99.9									
1988	20	102.8	103.0	100.5	101.8	101.0	95.3	79.7	102.0
100.2									
1989	27	102.6	102.6	100.0	101.2	100.8	96.3	79.4	101.3
99.9									
1990	24	103.3	102.0	100.0	101.0	100.9	96.1	79.5	101.0
99.9									
1991	30	102.5	102.3	99.7	101.0	100.6	96.0	79.1	101.1
99.7									
1992	31	102.6	102.2	100.0	101.0	100.7	96.1	80.3	101.2
99.8									
1993	29	102.1	101.7	99.4	100.4	100.1	96.4	82.0	100.6
99.4									
1994	27	101.9	102.2	100.1	100.9	100.4	96.6	83.4	101.3
100.0									
1995	25	101.1	102.2	99.5	100.6	99.7	97.0	84.8	100.8
99.5									
1996	30	101.7	101.5	99.5	100.1	99.9	97.9	84.4	100.5
99.7									
1997	38	101.9	101.5	99.8	100.2	100.1	96.8	84.0	100.6
99.6									
1998	30	101.7	101.8	99.5	100.2	99.8	96.2	84.3	100.6
99.3									
1999	46	102.8	99.8	99.5	99.3	100.3	96.5	84.2	99.7
99.1									
2000	44	102.5	100.0	99.3	99.2	100.0	96.2	84.0	99.6
99.0									
2001	50	102.2	100.7	99.5	99.9	100.1	96.8	84.3	100.1
99.3									
2002	45	101.8	100.9	99.4	99.7	99.7	96.1	84.6	100.2
99.0									
2003	49	101.9	101.7	100.0	100.6	100.3	96.8	84.8	100.9
99.7									
2004	52	101.9	100.7	99.5	99.7	99.9	95.5	84.9	100.1
99.0									
2005	60	101.7	101.6	99.8	100.3	100.0	95.0	83.8	100.8
99.2									
2006	70	101.9	101.4	99.8	100.1	100.1	95.3	84.3	100.6
99.2									
2007	95	102.1	101.0	100.1	100.0	100.3	95.2	84.4	100.7
99.3									
2008	99	102.3	100.6	100.1	99.8	100.3	95.3	85.2	100.4
99.2									

2009 99.0	100	101.7	100.8	99.9	99.7	99.8	95.0	85.5	100.3
2010 99.5	139	101.8	101.6	100.5	100.5	100.3	95.1	86.3	101.2
2011 99.5	123	102.1	101.5	100.6	100.5	100.4	95.1	86.1	101.1
2012 99.7	127	102.4	101.0	100.7	100.3	100.7	95.3	86.8	101.0
2013 99.6	189	102.5	101.0	100.6	100.3	100.8	95.0	85.3	100.8
2014 99.8	143	102.4	101.1	101.0	100.4	100.9	95.1	86.5	101.2
2015 99.9	153	102.1	101.3	100.9	100.6	100.8	95.6	87.6	101.2
2016 99.4	129	101.5	101.4	100.5	100.4	100.4	94.8	87.3	101.0
2017 99.7	135	102.1	101.1	100.8	100.4	100.8	95.2	87.8	101.1
2018 100.1	150	102.2	101.5	101.0	100.8	101.1	95.6	87.1	101.4
2019 100.2	84	102.5	101.2	101.4	100.6	101.2	95.9	88.3	101.5
2020 100.0	59	102.2	101.3	101.3	100.6	101.1	95.2	87.8	101.5
2021 99.9	84	101.6	101.7	101.0	100.8	100.7	95.2	88.7	101.6
2022 100.8	16	102.4	102.0	101.8	101.2	101.6	95.8	88.0	102.3

Tabel: 128 Jersey: Gebruikskennmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1987	13	98.0	100.3	94.0	92.9	97.9
1991	10	96.9	99.1	96.1	95.2	98.7
1992	13	97.1	99.0	94.7	93.7	97.7
1993	16	97.4	98.6	94.5	93.4	97.4
1994	19	96.9	98.0	93.7	92.7	96.9
1995	14	97.1	98.4	93.9	93.5	98.3
1996	12	96.5	97.8	94.4	93.6	98.1
1997	18	97.2	97.7	94.8	94.4	98.6
1998	14	97.4	98.6	93.8	93.1	97.4
1999	23	99.0	101.0	93.9	92.6	97.3
2000	15	99.5	100.7	93.7	92.8	97.4
2001	17	98.8	99.9	94.1	93.1	97.7

2002	17	98.6	99.5	94.1	93.3	97.6
2003	14	99.1	100.0	94.0	92.9	97.5
2004	23	98.1	102.1	94.6	93.6	97.3
2005	21	97.6	102.2	94.1	93.1	97.1
2006	24	97.8	102.2	94.9	93.8	97.7
2007	40	98.5	100.8	95.1	94.0	97.7
2008	42	98.4	101.6	94.7	93.5	97.6
2009	38	98.6	102.3	95.3	94.0	97.4
2010	61	98.5	102.6	95.3	94.1	97.3
2011	45	98.0	103.0	96.1	94.5	97.7
2012	48	99.0	102.6	96.3	94.6	97.4
2013	48	98.5	102.6	96.4	94.8	97.9
2014	45	99.3	101.4	96.6	95.1	98.0
2015	35	99.0	102.1	97.0	94.9	97.8
2016	17	99.3	102.6	97.1	95.1	97.9
2017	18	99.9	102.1	96.6	94.6	97.4
2018	18	98.6	102.6	96.8	94.8	97.7
2019	15	97.6	103.5	97.0	95.4	97.9
2020	16	98.8	103.2	97.9	95.8	98.5
2021	16	98.7	104.2	96.9	94.8	97.7

Tabel: 129 Jersey: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1985	10	-183.6	-604.7	-535.0	97.0	100.5	88.5	99.0	97.2
251.8									
1986	13	-142.6	-536.8	-374.8	96.0	100.4	90.2	99.8	96.0
294.7									
1987	28	-146.6	-575.2	-256.1	95.2	99.9	89.8	101.5	95.9
320.0									
1988	22	-163.9	-562.2	-285.6	96.1	100.2	89.8	102.4	97.3
192.7									
1989	26	-174.3	-636.7	-307.9	95.9	99.9	88.6	101.1	97.0
310.6									
1990	28	-179.0	-589.8	-248.0	95.2	99.9	88.0	101.9	97.2
215.4									
1991	30	-150.9	-567.8	-303.8	96.9	99.7	89.9	100.3	96.2
309.1									
1992	33	-148.8	-560.3	-274.5	95.4	99.8	89.4	103.8	96.2
300.8									
1993	28	-124.0	-527.2	-296.8	95.2	99.4	89.6	103.4	95.2
400.9									

1994	29	-106.8	-465.1	-243.3	94.7	100.0	89.8	103.2	95.3
349.0									
1995	24	-105.4	-490.1	-189.8	95.9	99.5	89.6	103.7	95.8
372.6									
1996	31	-116.3	-511.6	-294.9	95.7	99.7	88.8	102.6	96.2
391.9									
1997	36	-116.9	-531.1	-212.2	96.4	99.6	90.6	102.5	96.5
361.1									
1998	31	-113.0	-487.8	-258.7	95.0	99.3	90.8	102.0	95.9
351.2									
1999	50	-92.4	-446.3	-214.7	94.7	99.1	90.6	104.4	96.2
365.0									
2000	45	-109.1	-444.0	-256.9	95.0	99.0	90.8	105.7	96.3
319.8									
2001	48	-102.0	-461.6	-282.4	95.3	99.3	90.1	104.4	96.8
390.8									
2002	45	-99.7	-448.1	-304.7	95.2	99.0	90.5	103.1	96.4
386.0									
2003	48	-93.5	-447.9	-275.0	95.0	99.7	91.5	103.5	96.3
399.3									
2004	52	-62.5	-394.5	-185.7	95.2	99.0	91.8	105.1	95.7
349.0									
2005	60	-77.4	-412.3	-191.8	94.9	99.2	91.2	104.7	95.7
324.0									
2006	70	-58.4	-419.9	-105.2	95.5	99.2	92.2	103.8	95.6
395.8									
2007	89	-50.7	-389.0	-75.9	95.7	99.3	91.7	104.9	95.9
368.5									
2008	100	-48.3	-386.8	-75.3	95.3	99.2	91.7	103.8	95.8
395.9									
2009	96	-45.8	-380.3	-58.9	95.4	99.0	91.9	104.3	95.7
404.1									
2010	138	-33.1	-359.8	-16.7	95.5	99.5	92.5	104.8	96.4
372.2									
2011	123	-23.5	-356.1	19.5	95.9	99.5	93.2	105.0	96.3
383.4									
2012	121	-22.1	-348.4	28.4	95.7	99.7	93.0	104.4	96.7
388.2									
2013	174	-34.5	-358.8	-34.1	96.2	99.6	92.7	104.5	96.2
380.4									
2014	132	-26.2	-349.9	-8.2	96.4	99.8	93.6	104.0	96.3
384.5									
2015	125	-15.9	-320.0	20.3	96.1	99.9	93.4	104.8	97.4
374.1									
2016	113	-28.0	-317.2	-14.6	96.3	99.4	93.1	105.3	97.1
343.1									
2017	105	-25.7	-322.8	-15.5	95.8	99.7	93.8	105.2	96.6
337.2									
2018	98	-17.3	-297.1	36.7	96.0	100.1	94.7	103.9	97.4
291.6									

2019	52	-17.2	-312.2	51.7	96.5	100.2	95.1	103.9	97.3
260.8									
2020	53	8.5	-267.0	84.1	97.1	100.0	94.4	105.6	96.7
276.4									
2021	57	-1.9	-253.7	-17.5	96.0	99.9	94.2	103.9	97.4
260.6									

Tabel: 130 Jersey: Klauwgezondheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2010	15	106.0	106.7	104.8	103.1	98.0	103.1	100.9
2011	14	105.6	106.0	105.1	103.4	98.1	102.9	99.6
2012	12	106.0	107.2	104.3	103.1	98.6	102.2	101.5
2013	12	105.4	107.0	104.2	102.6	98.3	101.9	101.2
2015	12	106.1	107.2	104.9	103.4	98.2	102.5	101.2
2019	10	106.1	106.4	105.3	102.9	97.6	102.6	101.7

Tabel: 131 Jersey: Levensvatbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1987	15	95.1	98.5	95.1	98.5	87.0	102.1
1989	10	96.7	97.5	96.7	97.5	89.2	101.6
1991	13	95.0	97.1	95.0	97.1	87.4	101.5
1992	16	96.6	97.3	96.6	97.3	88.6	102.5
1993	22	95.5	96.9	95.5	96.9	87.5	101.5
1994	24	96.3	96.8	96.3	96.8	88.5	101.3
1995	17	96.1	97.4	96.1	97.4	88.2	101.5
1996	17	98.2	97.5	98.2	97.5	89.5	102.5
1997	22	97.1	97.8	97.1	97.8	88.7	102.3
1998	18	96.6	97.7	96.6	97.7	88.4	102.1
1999	33	96.1	98.4	96.1	98.4	87.4	103.2
2000	27	96.2	98.4	96.2	98.4	87.6	103.4
2001	30	96.6	98.4	96.6	98.4	88.3	103.2
2002	30	96.5	98.2	96.5	98.2	88.3	102.8
2003	30	96.1	98.2	96.1	98.2	88.5	102.7
2004	37	94.9	98.2	94.9	98.2	86.9	102.8
2005	45	95.6	97.7	95.6	97.7	87.8	102.9
2006	53	95.5	97.7	95.5	97.7	87.7	103.0
2007	73	95.6	98.3	95.6	98.3	87.8	103.4



2008	91	95.3	98.4	95.3	98.4	87.5	102.9
2009	79	95.4	98.1	95.4	98.1	88.0	102.9
2010	113	96.0	98.7	96.0	98.7	87.9	103.6
2011	99	96.4	98.4	96.4	98.4	88.5	103.6
2012	117	96.3	98.8	96.3	98.8	88.6	103.6
2013	141	96.4	98.2	96.4	98.2	88.0	103.8
2014	120	95.9	98.7	95.9	98.7	88.0	104.1
2015	120	96.7	99.4	96.7	99.4	89.1	103.8
2016	100	96.4	98.7	96.4	98.7	88.8	103.7
2017	143	96.2	98.8	96.2	98.8	88.6	103.6
2018	161	96.9	99.5	96.9	99.5	89.1	104.2
2019	77	96.4	99.3	96.4	99.3	88.9	103.9
2020	62	96.1	99.2	96.1	99.2	88.3	103.9
2021	98	96.4	99.5	96.4	99.5	88.4	104.0
2022	72	96.8	100.0	96.8	100.0	89.0	104.4
2023	68	96.7	99.8	96.7	99.8	88.5	104.3
2024	10	96.5	99.0	96.5	99.0	89.0	103.3

Tabel: 132 Jersey: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1987	12	115.0	106.8	74.1	91.2	91.6	77.9
1989	10	119.1	107.5	68.6	88.4	91.6	78.2
1990	10	118.1	107.8	69.6	88.9	91.4	78.4
1991	17	117.9	107.1	70.5	90.0	91.6	78.5
1992	15	117.7	107.1	70.9	88.4	90.4	77.9
1993	19	118.6	107.4	70.1	89.2	89.9	78.3
1994	21	118.0	107.5	70.4	88.2	89.9	79.2
1995	16	116.8	107.0	71.8	88.9	90.1	78.9
1996	13	117.7	106.4	71.6	89.7	91.6	80.1
1997	22	115.9	107.0	72.5	89.2	90.6	78.1
1998	16	116.4	107.7	72.3	88.7	91.3	79.4
1999	33	116.0	107.3	71.7	89.7	90.8	76.0
2000	20	114.2	107.0	74.2	90.6	92.4	76.8
2001	24	115.7	106.3	72.6	90.4	91.0	77.3
2002	25	114.0	106.9	74.4	90.3	91.0	76.8
2003	23	113.9	106.7	74.3	89.8	91.2	77.9
2004	37	114.6	108.2	73.5	88.3	90.9	78.0
2005	34	116.1	107.9	71.1	87.5	90.1	76.5
2006	41	114.7	107.7	72.8	88.6	90.9	76.8
2007	68	114.1	108.0	73.3	88.5	91.5	77.4
2008	77	113.3	107.9	73.9	88.4	91.5	77.5
2009	65	112.4	108.6	75.0	88.3	91.3	77.8
2010	112	113.3	108.1	73.8	88.3	91.0	77.1
2011	100	112.8	107.6	74.5	89.1	90.8	76.6

2012	109	112.6	107.8	74.7	89.2	91.1	76.8
2013	122	113.6	107.7	73.4	88.5	91.1	76.8
2014	116	113.2	106.9	73.7	88.6	91.3	77.2
2015	103	112.3	107.8	74.5	88.7	91.1	77.5
2016	86	112.6	106.9	74.5	89.4	91.0	76.4
2017	98	112.3	108.0	74.5	88.7	91.4	77.3
2018	116	112.6	107.8	74.2	89.1	90.2	76.3
2019	59	111.6	108.3	75.1	88.6	91.5	77.8
2020	32	112.2	107.4	74.2	88.2	90.5	76.7
2021	33	111.5	107.4	75.1	88.7	90.2	76.7
2022	21	111.9	108.0	74.7	88.5	89.7	76.4
2023	19	112.5	105.9	74.6	89.2	90.7	77.3

Tabel: 133 Jersey: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1987	15	88.6	103.1	93.4	84.7	100.1	97.5	87.9	93.3	103.7	97.2	82.7
1989	10	87.3	101.7	93.9	85.0	97.7	98.6	87.4	91.5	101.7	97.9	82.9
1991	14	86.1	102.4	92.9	84.4	97.9	98.0	86.7	89.8	102.4	97.1	81.7
1992	16	87.2	102.8	93.2	84.5	98.9	98.1	87.3	91.6	102.9	97.9	82.1
1993	19	86.0	101.5	93.0	83.8	97.2	98.6	86.4	91.0	101.7	97.9	81.1
1994	21	86.5	101.9	92.8	84.1	97.8	98.7	87.0	90.8	102.2	98.2	81.4
1995	17	85.8	102.2	92.0	84.5	96.6	98.4	86.1	91.1	101.6	97.0	81.6
1996	15	85.9	102.0	90.9	84.0	96.7	97.6	87.2	89.7	101.5	97.1	81.1
1997	22	86.1	102.8	91.9	84.3	98.2	96.9	86.7	89.7	102.5	96.4	81.3
1998	18	85.9	101.8	92.4	83.9	97.4	97.7	86.5	90.7	101.6	97.1	81.0
1999	29	86.7	102.2	92.9	84.0	97.7	97.9	86.1	93.1	101.8	97.4	80.6
2000	22	86.8	102.2	92.9	83.8	97.7	98.5	85.9	93.9	102.4	98.1	80.5
2001	20	86.0	102.0	92.3	83.8	97.1	98.0	85.8	92.6	102.0	97.2	80.5

2002 81.1	24	86.7	102.7	92.4	84.0	98.0	97.8	86.0	92.8	102.5	97.0
2003 81.1	17	86.5	102.1	92.2	83.9	98.1	97.4	86.5	91.8	102.3	96.9
2004 81.4	24	87.4	101.2	93.2	83.6	98.8	98.2	87.3	92.0	102.2	98.0
2005 80.6	23	87.0	101.8	93.2	83.3	98.7	98.0	86.7	92.3	102.5	97.8
2006 81.3	23	87.6	101.8	93.3	83.7	99.5	98.0	87.6	91.9	102.7	98.0
2007 81.0	43	86.9	101.8	92.6	83.9	98.4	97.5	86.9	91.7	101.9	97.0
2008 80.8	42	86.7	102.1	92.8	83.8	98.9	97.4	86.7	91.6	102.3	97.0
2009 81.1	34	87.1	101.6	93.3	83.6	98.6	97.7	87.1	92.0	102.1	97.5
2010 81.5	48	88.3	101.7	93.4	83.6	100.1	97.5	87.8	92.4	102.8	97.6
2011 81.0	32	88.4	100.6	93.2	83.1	99.8	98.1	87.9	92.9	102.2	98.3
2012 81.0	33	88.0	101.5	92.9	83.4	99.8	97.4	87.6	92.4	102.5	97.5
2013 81.3	29	88.0	101.3	93.1	83.7	99.5	98.0	87.8	92.5	102.3	98.0
2014 81.6	18	87.7	102.4	92.6	84.4	99.4	97.4	87.3	92.4	102.7	97.2
2015 81.5	17	87.7	101.3	92.6	83.9	99.4	97.4	87.7	92.2	102.1	97.1
2017 81.3	12	87.1	100.8	92.8	83.8	97.9	98.1	87.2	92.0	101.3	97.9
2018 81.6	14	87.6	101.4	92.5	84.1	98.9	97.5	87.6	92.1	101.9	97.3
2019 82.3	12	88.1	102.4	92.2	85.1	99.7	96.9	87.8	92.2	102.4	96.5
2020 81.7	10	88.0	101.4	93.2	84.0	99.4	97.9	88.0	92.4	102.3	97.9
2021 82.7	13	88.4	102.4	92.7	84.8	99.9	97.2	88.2	92.2	102.8	96.8

Tabel: 134 Jersey: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	12	91.0	90.4	99.0
1989	10	92.2	92.0	98.9

1991	11	92.3	92.5	98.5
1992	15	91.1	90.7	99.1
1993	20	91.5	91.5	98.3
1994	23	91.0	90.7	98.4
1995	15	91.3	91.5	97.9
1996	13	91.2	91.2	98.2
1997	20	91.8	91.5	99.0
1998	17	91.4	91.1	98.5
1999	30	89.7	89.3	98.2
2000	17	90.8	90.4	98.7
2001	21	90.7	90.4	98.4
2002	22	91.0	90.4	98.9
2003	18	92.1	91.4	99.2
2004	26	90.3	89.5	98.7
2005	28	90.5	89.5	98.9
2006	31	90.9	90.2	99.0
2007	50	90.6	89.8	98.8
2008	56	90.6	89.8	98.8
2009	40	91.3	90.8	99.1
2010	75	91.3	90.3	99.6
2011	56	90.5	89.1	99.5
2012	68	91.4	90.5	99.7
2013	54	91.0	89.8	99.5
2014	48	91.8	90.7	100.0
2015	46	91.9	90.6	100.2
2016	17	91.6	90.2	99.8
2017	30	91.5	90.6	99.6
2018	20	91.1	90.0	99.6

Tabel: 135 Jersey: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	45	-3642.6	-17216.1	-551.6	-547.9
2002	45	-3742.4	-17426.8	-567.7	-563.5
2003	50	-3558.1	-16941.1	-533.1	-537.0
2004	49	-2986.4	-14686.5	-437.7	-454.5
2005	57	-3063.4	-15170.5	-445.0	-468.0
2006	64	-2668.9	-13897.3	-364.1	-417.7
2007	87	-2413.5	-13196.4	-314.0	-383.4
2008	95	-2425.8	-13270.4	-317.4	-384.5
2009	92	-2315.2	-12784.9	-298.8	-368.8
2010	133	-2033.5	-11719.5	-250.3	-328.5
2011	119	-1848.2	-11199.3	-210.3	-305.5
2012	120	-1749.4	-11101.1	-193.1	-290.5
2013	180	-2106.0	-12288.1	-258.0	-340.2

2014	134	-1958.3	-12063.7	-225.9	-321.7
2015	132	-1678.9	-10978.8	-180.7	-280.3
2016	114	-1835.7	-11353.8	-208.7	-302.9
2017	105	-1880.1	-11536.2	-225.8	-304.7
2018	99	-1551.5	-10116.9	-164.4	-260.6
2019	52	-1497.1	-10234.8	-157.2	-251.1
2020	53	-1130.9	-8875.7	-86.4	-202.6
2021	55	-1611.7	-10515.6	-177.9	-268.0

Tabel: 136 Jersey: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1992	10	97.8	93.7	106.1	96.9
1993	12	97.1	92.6	106.0	95.8
1994	20	97.0	92.5	105.9	95.8
1995	10	97.7	93.0	105.4	96.5
1997	13	98.5	92.2	106.5	97.6
1998	13	97.2	91.8	107.0	96.8
1999	25	98.8	93.6	107.3	99.0
2000	16	98.7	93.1	107.4	99.0
2001	11	98.9	93.0	106.8	98.5
2002	19	98.6	93.5	106.9	98.6
2003	15	99.5	92.6	108.1	100.1
2004	21	97.1	94.2	107.9	98.3
2005	24	97.6	93.1	108.1	98.4
2006	29	98.4	92.9	108.3	99.3
2007	54	97.9	93.3	107.6	98.7
2008	59	98.3	93.1	107.7	98.9
2009	44	98.3	94.1	107.7	99.5
2010	79	98.5	94.8	107.9	100.2
2011	62	98.5	94.1	108.1	100.2
2012	59	99.3	95.3	108.2	101.5
2013	60	99.1	95.2	108.0	101.2
2014	54	99.4	94.5	108.8	102.0
2015	45	100.0	95.1	108.8	102.8
2016	26	99.9	95.5	108.0	102.2
2017	25	101.5	95.2	108.4	103.9
2018	24	98.6	95.3	108.9	101.5
2019	21	99.5	95.0	109.2	102.6
2020	23	99.8	95.7	108.2	102.6
2021	33	101.1	95.1	107.3	102.6

Tabel: 137 Jersey: Overige productie en efficiency kenm.

Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1985	10	99.4	97.3	5	-7.9	251.8	0	0.0
1986	13	99.3	97.2	10	-8.0	294.7	0	0.0
1987	28	98.9	96.4	25	-9.0	320.0	0	0.0
1988	22	98.6	96.4	17	-6.7	192.7	0	0.0
1989	26	99.0	97.2	15	-8.8	310.6	0	0.0
1990	28	98.4	98.1	19	-7.2	215.4	0	0.0
1991	30	101.0	97.6	15	-8.3	309.1	0	0.0
1992	33	100.2	97.2	23	-8.3	300.8	0	0.0
1993	28	101.4	97.1	18	-9.9	400.9	0	0.0
1994	29	99.6	96.6	24	-8.7	349.0	0	0.0
1995	24	99.7	97.0	17	-9.2	372.6	0	0.0
1996	31	100.6	97.3	15	-9.4	391.9	0	0.0
1997	36	100.8	96.9	21	-9.2	361.1	0	0.0
1998	31	99.7	96.9	17	-8.8	351.2	0	0.0
1999	50	100.7	96.8	29	-8.8	365.0	0	0.0
2000	45	100.9	97.0	21	-8.0	319.8	0	0.0
2001	48	100.2	96.8	20	-9.2	390.8	16	55.4
2002	45	100.4	95.9	22	-9.2	386.0	17	55.0
2003	48	100.8	96.8	19	-9.1	399.3	15	55.2
2004	52	101.9	96.5	24	-8.1	349.0	18	56.9
2005	60	101.2	97.0	21	-7.8	324.0	13	56.0
2006	70	101.2	97.3	29	-9.0	395.8	24	55.6
2007	89	101.4	96.9	42	-8.4	368.5	34	56.6
2008	100	101.5	96.9	49	-8.8	395.9	42	57.0
2009	96	102.6	96.8	37	-8.9	404.1	33	56.6
2010	138	102.6	97.5	67	-8.3	372.2	55	57.3
2011	123	103.0	97.3	50	-8.4	383.4	43	56.3
2012	121	103.2	97.3	52	-8.2	388.2	43	58.1
2013	174	103.1	97.5	55	-8.2	380.4	43	58.4
2014	132	103.0	97.7	47	-8.4	384.5	41	58.9
2015	125	103.8	97.5	39	-7.9	374.1	31	59.8
2016	113	103.6	97.6	22	-7.2	343.1	16	62.1
2017	105	103.6	97.5	17	-7.4	337.2	15	61.1
2018	98	104.3	97.3	18	-6.7	291.6	18	65.9
2019	52	103.5	97.9	16	-6.3	260.8	16	68.2
2020	53	104.2	98.6	16	-6.3	276.4	16	66.6
2021	57	103.7	97.7	16	-5.9	260.6	16	69.0

Tabel: 138 Jersey: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
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1987	12	99.5	0	0.0	0	0.0	12	94.0
1991	14	99.8	0	0.0	0	0.0	14	96.1
1992	16	99.6	0	0.0	0	0.0	16	95.9
1993	23	99.7	0	0.0	0	0.0	23	96.2
1994	23	99.8	0	0.0	0	0.0	23	96.0
1995	21	99.8	0	0.0	0	0.0	21	97.0
1996	15	99.9	0	0.0	0	0.0	15	96.0
1997	25	99.9	0	0.0	0	0.0	25	97.2
1998	24	99.8	0	0.0	0	0.0	24	97.0
1999	34	99.9	0	0.0	1	97.0	34	97.0
2000	30	99.8	1	98.0	1	99.0	30	97.0
2001	29	99.9	0	0.0	0	0.0	29	97.2
2002	27	99.9	0	0.0	0	0.0	27	97.2
2003	28	99.9	0	0.0	0	0.0	28	98.4
2004	43	99.9	0	0.0	0	0.0	43	97.7
2005	45	99.9	0	0.0	0	0.0	45	98.0
2006	56	100.0	0	0.0	0	0.0	56	98.6
2007	83	100.0	0	0.0	0	0.0	83	98.9
2008	98	100.0	0	0.0	0	0.0	98	99.3
2009	96	100.0	0	0.0	0	0.0	96	99.3
2010	129	100.0	0	0.0	2	95.5	129	98.7
2011	118	100.0	0	0.0	0	0.0	118	99.2
2012	116	100.0	0	0.0	0	0.0	116	99.3
2013	170	100.0	0	0.0	0	0.0	170	99.7
2014	128	100.0	0	0.0	0	0.0	128	99.9
2015	120	100.0	0	0.0	0	0.0	120	98.6
2016	104	100.0	0	0.0	0	0.0	104	99.2
2017	94	100.0	0	0.0	0	0.0	94	98.8
2018	95	100.0	0	0.0	0	0.0	95	99.1
2019	49	100.0	0	0.0	0	0.0	49	99.6
2020	48	100.0	0	0.0	0	0.0	48	99.4
2021	49	100.0	0	0.0	0	0.0	49	99.4

Tabel: 139 Jersey: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	11	102.5	100.1	102.0	101.5	103.6	101.5
1999	10	101.4	99.4	100.3	100.6	103.0	100.2
2000	11	101.1	99.2	100.0	100.1	102.8	100.5
2004	12	102.8	100.7	101.2	101.8	103.7	101.0
2005	14	103.4	101.5	102.1	102.2	104.3	101.6
2007	20	102.7	100.7	101.2	101.8	103.5	100.9
2008	20	102.0	100.1	100.9	101.2	103.3	100.5
2009	19	101.6	99.7	100.7	100.8	103.5	100.3

2010	31	102.7	100.6	101.8	101.5	104.1	101.5
2011	22	102.4	100.4	101.3	101.5	103.7	101.0
2012	23	102.3	100.3	101.3	101.3	103.4	100.9
2013	17	102.5	100.4	101.4	101.4	103.8	101.2
2014	11	101.6	99.6	100.5	100.9	103.1	100.5
2015	16	102.3	100.2	101.6	101.5	103.4	101.1

Tabel: 140 Lakenvelder - zwartbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1992 100.1	11	100.7	103.5	100.0	101.8	99.8	97.5	93.5	101.7
1996 100.1	10	100.8	103.8	99.7	101.8	100.0	96.6	91.7	101.7
1997 99.8	10	101.5	102.5	99.6	101.2	100.2	97.3	91.9	101.2
2003 99.6	11	99.9	104.2	99.4	101.9	99.5	96.4	92.6	101.9

Tabel: 141 Verbeterd Roodbont: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1993	10	-1083.4	-47.0	-41.3	-50.8	3.9	-1.8	-1.6	-283.3
1998	11	-732.4	-37.0	-29.8	-34.7	-7.3	-4.6	-1.7	-210.4
2007	10	-582.5	-31.9	-26.8	-31.5	-10.2	-9.0	-8.1	-186.4
2009	10	-269.8	-14.5	-14.3	-17.3	-4.1	-6.9	-7.8	-94.3

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

Tabel: 142 Verbeterd Roodbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL



Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1993	10	105.4	101.3	103.2	103.5	105.3	103.7	91.8	102.6
1998	11	104.2	100.5	101.8	102.5	104.2	102.9	92.5	101.5
2007	10	105.2	99.3	102.1	101.9	104.8	102.5	92.0	100.8
2009	10	104.0	99.3	101.2	101.2	103.5	102.5	93.8	100.4

Tabel: 143 Verbeterd Roodbont: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1993	10	-186.3	-283.3	-375.9	98.5	104.3	91.4	94.0	96.3
1998	11	-156.1	-210.4	-328.4	98.1	102.7	91.6	96.3	96.0
2007	10	-148.8	-186.4	-192.8	97.3	102.8	93.8	94.3	95.9
2009	10	-125.2	-94.3	-152.9	96.3	102.0	91.3	98.0	97.0

Tabel: 144 Verbeterd Roodbont: Levensvatbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1993	10	95.8	98.7	95.8	98.7	97.0	101.9
1998	11	95.0	99.2	95.0	99.2	96.1	101.6
2007	10	96.1	98.6	96.1	98.6	97.2	101.0
2009	10	97.1	99.1	97.1	99.1	98.1	100.9

Tabel: 145 Verbeterd Roodbont: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2007	10	-2248.9	-8771.9	-388.2	-320.6
2009	10	-1739.4	-6920.5	-291.8	-251.5

Tabel: 146 Verbeterd Roodbont: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1993	10	95.2	98.7	9	-2.9	66.2	0	0.0
1998	11	95.4	98.8	7	-2.2	53.0	0	0.0
2007	10	93.6	97.9	7	-1.9	57.6	6	92.0
2009	10	93.5	97.9	7	-1.2	37.7	6	95.7

Tabel: 147 Verbeterd Roodbont: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2009	10	99.6	0	0.0	0	0.0	10	94.4

Tabel: 148 Verbeterd Roodbont: Vruchtbaarheidskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1994	10	95.9	103.0	96.0	100.4	95.6	102.3	103.7	99.1
1995	13	93.9	103.8	95.1	100.1	93.8	100.4	103.5	99.0
1997	12	95.2	103.7	96.1	100.5	95.0	101.7	104.2	99.5

1998 97.7	12	94.7	103.8	95.8	100.3	94.7	101.5	103.7	99.2
1999 98.4	16	96.4	102.8	96.3	100.3	96.0	102.1	102.7	99.1
2000 99.4	17	96.5	104.0	97.5	101.4	96.6	102.8	104.5	100.5
2002 98.7	19	96.0	103.5	96.5	100.8	95.8	102.5	103.7	99.6
2003 98.9	12	96.5	103.2	97.0	100.8	96.2	102.4	104.4	99.7
2004 98.8	11	96.5	103.3	97.1	101.1	96.4	101.5	105.0	99.8
2005 99.4	16	96.1	104.2	97.3	101.6	96.3	102.8	105.9	100.5
2007 98.9	15	97.1	102.7	96.9	100.7	96.5	102.5	103.7	99.5

Tabel: 149 Verbeterd Roodbont: Geboortekenmerken  
Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2002	13	122.6	104.9	71.5	83.2	105.0	108.4
2005	13	119.5	102.6	75.1	84.1	103.5	110.8
2007	12	123.1	100.9	71.4	85.8	102.9	107.2

Tabel: 150 Verbeterd Roodbont: Vleeskenmerken  
Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st
1999 92.6	10	94.8	69.4	96.3	79.6	96.8	97.2	98.1	96.7	90.8	97.8
2002 93.1	13	96.7	69.2	95.0	79.9	98.2	97.0	99.9	97.1	90.5	97.8
2005 94.6	10	95.3	68.2	95.8	82.8	93.5	98.3	99.3	97.3	87.6	98.2

Tabel: 151 Witblauw Mixte: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1982	10	-2103.6	-108.0	-83.5	-97.3	-33.8	-14.0	-1.2	-598.3
1983	11	-2503.8	-119.5	-96.5	-115.5	-18.9	-10.1	-0.5	-681.3
1984	15	-2233.8	-107.5	-88.3	-103.3	-18.7	-13.6	-1.1	-618.7
1985	27	-2224.8	-107.6	-86.7	-103.0	-19.2	-9.6	-1.3	-612.3
1986	27	-2283.1	-110.0	-89.0	-105.6	-20.4	-11.1	-1.1	-627.6
1987	36	-2186.2	-107.1	-88.5	-101.1	-22.9	-17.6	-1.1	-618.1
1988	31	-2115.6	-102.6	-86.5	-97.8	-18.1	-18.2	-1.0	-599.6
1989	32	-2123.8	-107.4	-87.3	-98.3	-29.6	-19.4	-1.2	-613.0
1990	52	-2180.4	-106.6	-87.2	-100.9	-21.5	-15.0	-1.1	-611.8
1991	63	-2409.3	-115.8	-95.2	-111.3	-19.5	-14.0	-1.2	-666.8
1992	59	-2265.1	-110.9	-90.2	-104.8	-23.2	-15.2	-1.3	-634.4
1993	84	-2300.7	-113.0	-90.9	-106.4	-25.2	-13.4	-1.2	-641.9
1994	116	-2244.4	-110.6	-88.5	-103.8	-24.7	-12.8	-1.1	-626.1
1995	109	-2143.8	-107.4	-85.7	-99.1	-27.6	-14.9	-1.1	-606.8
1996	139	-2070.2	-102.5	-83.0	-95.8	-23.5	-14.7	-1.3	-584.3
1997	130	-1974.0	-99.9	-80.7	-91.4	-26.5	-17.2	-1.1	-568.1
1998	145	-2065.3	-102.9	-82.1	-95.6	-24.8	-12.9	-1.2	-581.4
1999	135	-1905.2	-94.7	-77.1	-88.2	-21.4	-14.7	-1.2	-541.7
2000	164	-1880.3	-96.5	-77.6	-87.2	-28.0	-17.5	-1.4	-547.0
2001	160	-1917.0	-100.5	-78.6	-88.8	-32.9	-16.6	-1.3	-560.0
2002	153	-1958.8	-101.8	-79.8	-91.5	-31.7	-15.9	-2.9	-568.3
2003	187	-1922.7	-100.3	-78.8	-88.6	-32.1	-16.7	-0.3	-560.1
2004	218	-1893.0	-100.6	-78.2	-87.0	-35.2	-17.6	0.2	-558.0
2005	250	-1824.3	-97.3	-75.7	-83.5	-34.5	-17.8	1.1	-539.9
2006	263	-1893.4	-101.2	-77.6	-87.5	-37.0	-16.4	-1.0	-557.2
2007	248	-1841.3	-99.1	-76.6	-85.1	-37.0	-17.9	-0.6	-547.6
2008	292	-1918.5	-102.1	-77.6	-87.8	-36.5	-14.4	0.8	-558.9
2009	261	-1888.7	-101.9	-76.5	-85.3	-38.8	-14.2	3.4	-553.2
2010	318	-1797.3	-98.5	-74.7	-80.8	-39.5	-17.1	4.0	-537.2
2011	336	-1862.1	-101.6	-76.4	-83.1	-40.4	-15.8	5.6	-551.4
2012	364	-1792.1	-99.0	-74.6	-79.1	-41.0	-17.6	7.3	-537.7
2013	343	-1664.7	-93.9	-70.9	-72.8	-41.0	-19.2	8.0	-510.0
2014	330	-1626.4	-91.2	-69.9	-70.8	-38.5	-19.7	8.4	-499.4
2015	303	-1621.7	-91.7	-69.6	-69.9	-40.6	-19.8	9.8	-499.2
2016	287	-1518.9	-87.7	-66.4	-65.0	-40.8	-20.6	10.2	-476.1
2017	289	-1443.3	-84.7	-64.3	-61.3	-40.7	-21.6	10.3	-460.0
2018	211	-1235.8	-79.9	-58.1	-50.6	-47.6	-23.6	12.2	-421.4
2019	191	-1335.4	-83.0	-60.4	-53.5	-45.7	-21.4	15.8	-438.0
2020	177	-1366.2	-84.0	-61.9	-55.8	-45.8	-22.1	14.3	-447.0
2021	81	-1189.9	-76.6	-54.9	-46.9	-44.8	-20.8	15.2	-400.2

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

Tabel: 152 Witblauw Mixte: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1982 98.5	10	100.0	102.6	98.9	100.9	99.0	94.6	86.7	100.8
1983 95.5	11	97.1	102.7	96.1	99.1	95.5	90.9	85.2	99.0
1984 96.4	16	98.4	101.9	96.9	99.2	96.8	92.2	85.4	99.1
1985 97.9	28	99.9	102.6	98.4	100.6	98.4	93.1	85.1	100.2
1986 96.8	28	98.2	102.6	97.2	99.9	97.0	92.2	85.9	99.7
1987 97.4	33	99.0	102.8	98.0	100.4	97.8	92.9	85.3	100.2
1988 96.9	32	99.0	102.4	97.6	99.9	97.5	92.0	84.7	99.8
1989 96.2	39	98.5	102.1	96.9	99.4	96.7	91.0	84.2	99.2
1990 97.2	59	99.2	102.6	97.9	100.2	97.8	91.9	84.4	100.1
1991 96.5	68	98.0	103.1	97.3	100.1	96.6	91.0	85.8	99.9
1992 97.5	72	98.9	103.2	98.1	100.7	97.7	91.9	85.5	100.4
1993 98.0	100	98.8	103.7	98.5	101.0	97.9	92.8	86.3	100.9
1994 98.2	132	99.3	103.5	98.8	101.2	98.4	93.0	85.8	101.1
1995 98.2	131	99.9	102.7	98.7	100.7	98.6	93.5	86.0	100.6
1996 98.6	149	100.0	103.0	99.1	101.2	99.0	93.9	86.6	101.0
1997 98.6	159	100.0	103.1	99.2	101.3	99.0	93.8	86.7	101.1
1998 99.0	161	100.6	103.0	99.6	101.5	99.6	94.0	86.3	101.4
1999 98.8	159	100.7	102.9	99.6	101.3	99.6	93.3	86.0	101.3
2000 99.0	190	100.6	102.9	99.7	101.4	99.6	93.7	86.4	101.3
2001 98.8	181	100.4	103.0	99.5	101.4	99.5	93.6	86.7	101.2

2002 99.1	178	100.6	103.0	99.7	101.6	99.7	94.1	87.2	101.4
2003 99.0	208	100.3	103.1	99.7	101.5	99.5	93.8	87.5	101.5
2004 98.9	247	100.1	103.1	99.6	101.5	99.3	93.6	87.4	101.4
2005 99.2	269	100.2	103.4	99.9	101.8	99.6	93.8	87.9	101.7
2006 99.5	292	100.5	103.4	100.3	102.0	100.0	93.9	87.7	101.9
2007 99.9	275	101.1	103.4	100.8	102.3	100.5	94.3	87.6	102.2
2008 99.5	326	100.5	103.5	100.3	102.1	99.9	93.9	87.6	102.0
2009 100.0	310	101.3	103.4	100.8	102.4	100.7	94.4	87.2	102.3
2010 100.1	369	101.6	103.2	100.9	102.3	100.9	94.6	87.4	102.2
2011 100.2	435	101.6	103.5	101.0	102.6	100.9	94.6	87.4	102.5
2012 100.5	425	102.0	103.3	101.2	102.6	101.3	95.0	87.4	102.5
2013 100.4	406	101.8	103.3	101.2	102.5	101.2	94.7	87.7	102.4
2014 100.4	396	102.0	103.1	101.3	102.5	101.3	94.7	87.5	102.5
2015 100.6	380	102.3	103.1	101.5	102.6	101.5	94.8	87.6	102.6
2016 100.3	348	102.0	103.0	101.2	102.4	101.2	94.6	87.6	102.3
2017 100.4	349	102.2	102.9	101.3	102.4	101.4	94.8	87.6	102.3
2018 100.5	275	102.3	102.9	101.4	102.4	101.5	94.8	87.8	102.4
2019 99.9	246	102.1	102.4	100.8	101.9	101.0	94.5	87.4	101.8
2020 100.2	210	102.6	102.2	101.0	101.9	101.4	95.1	87.1	101.8
2021 99.9	116	102.1	102.3	100.9	101.8	101.1	94.2	87.2	101.8
2022 100.5	19	102.6	102.6	101.4	102.2	101.5	94.8	87.6	102.2

Tabel: 153 Witblauw Mixte: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1982 0.0	10	-197.2	-598.3	0.0	101.7	98.5	0.0	0.0	0.0
1983 0.0	11	-238.0	-681.3	0.0	102.0	95.5	0.0	0.0	0.0
1984 0.0	15	-213.0	-618.7	0.0	101.6	96.4	0.0	0.0	0.0
1985 0.0	27	-198.1	-612.3	0.0	102.4	97.9	0.0	0.0	0.0
1986 0.0	27	-210.0	-627.6	0.0	102.1	96.8	0.0	0.0	0.0
1987 0.0	36	-208.3	-618.1	0.0	101.8	97.4	0.0	0.0	0.0
1988 0.0	31	-199.2	-599.6	0.0	102.7	96.9	0.0	0.0	0.0
1989 0.0	32	-204.6	-613.0	0.0	102.9	96.2	0.0	0.0	0.0
1990 0.0	52	-207.0	-611.8	0.0	101.6	97.2	0.0	0.0	0.0
1991 0.0	63	-226.0	-666.8	0.0	102.0	96.5	0.0	0.0	0.0
1992 0.0	59	-206.6	-634.4	0.0	102.7	97.5	0.0	0.0	0.0
1993 0.0	84	-213.2	-641.9	451.0	101.4	98.0	0.0	0.0	0.0
1994 0.0	116	-204.7	-626.1	438.0	101.8	98.2	0.0	0.0	0.0
1995 0.0	109	-198.3	-606.8	452.5	101.9	98.2	0.0	0.0	0.0
1996 0.0	139	-187.6	-584.3	448.0	102.0	98.6	0.0	0.0	0.0
1997 0.0	130	-183.3	-568.1	0.0	101.9	98.6	0.0	0.0	0.0
1998 0.0	145	-183.1	-581.4	371.0	102.3	99.0	0.0	0.0	0.0
1999 0.0	135	-164.1	-541.7	440.0	102.0	98.8	0.0	0.0	0.0
2000 0.0	164	-170.6	-547.0	409.5	101.9	99.0	0.0	0.0	0.0
2001 0.0	160	-175.7	-560.0	451.0	101.4	98.8	0.0	0.0	0.0
2002 0.0	153	-174.7	-568.3	435.0	101.6	99.1	0.0	0.0	0.0
2003 0.0	187	-167.3	-560.1	454.0	101.7	99.0	0.0	0.0	0.0

2004 0.0	218	-169.3	-558.0	450.0	101.6	98.9	0.0	0.0	0.0
2005 0.0	250	-163.3	-539.9	449.8	101.3	99.2	0.0	0.0	0.0
2006 0.0	263	-167.1	-557.2	443.7	101.0	99.5	0.0	0.0	0.0
2007 0.0	248	-160.3	-547.6	445.0	101.2	99.9	0.0	0.0	0.0
2008 0.0	292	-166.2	-558.9	442.2	100.9	99.5	103.0	93.0	0.0
2009 0.0	261	-159.1	-553.2	455.8	101.4	100.0	0.0	0.0	0.0
2010 0.0	318	-154.5	-537.2	443.5	101.5	100.1	0.0	0.0	0.0
2011 0.0	336	-160.6	-551.4	439.4	101.0	100.2	0.0	0.0	0.0
2012 0.0	364	-156.4	-537.7	455.6	100.9	100.5	0.0	0.0	0.0
2013 0.0	343	-150.1	-510.0	442.5	101.3	100.4	105.0	93.0	0.0
2014 0.0	330	-150.6	-499.4	397.9	100.9	100.4	0.0	0.0	0.0
2015 0.0	303	-151.2	-499.2	444.3	100.7	100.6	0.0	0.0	0.0
2016 0.0	287	-145.7	-476.1	430.3	101.0	100.3	0.0	0.0	0.0
2017 0.0	289	-139.7	-460.0	435.5	100.9	100.4	0.0	0.0	0.0
2018 0.0	211	-130.4	-421.4	429.0	100.8	100.5	0.0	0.0	0.0
2019 0.0	191	-137.5	-438.0	424.4	100.8	99.9	0.0	0.0	0.0
2020 0.0	177	-138.7	-447.0	422.3	101.2	100.2	0.0	0.0	0.0
2021 0.0	81	-122.0	-400.2	423.2	101.4	99.9	0.0	0.0	0.0

Tabel: 154 Witblauw Mixte: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1992	12	73.5	102.1	130.2	130.5	96.0	73.2
1993	20	71.5	102.2	132.2	133.3	98.0	72.3
1994	20	73.5	102.5	130.5	131.9	96.7	72.9
1995	20	71.2	102.2	132.8	132.5	96.8	73.5



1996	39	71.7	101.8	132.2	132.3	97.2	73.1
1997	33	71.7	101.0	132.2	133.4	96.2	72.9
1998	45	72.2	101.5	131.9	133.0	97.6	72.7
1999	39	72.6	100.9	131.8	134.2	96.5	71.1
2000	66	73.2	102.2	131.1	133.0	97.3	72.5
2001	71	73.4	102.0	131.1	133.8	97.6	72.5
2002	76	72.3	102.1	132.2	134.7	97.9	71.8
2003	108	73.2	102.0	131.5	135.5	98.4	71.4
2004	132	73.4	101.7	131.1	134.4	98.2	72.3
2005	157	73.9	101.1	131.0	135.1	98.0	71.9
2006	172	73.9	101.6	130.9	135.2	97.7	71.5
2007	174	74.3	101.5	130.5	135.2	97.0	71.0
2008	186	73.7	101.7	131.0	134.6	98.1	71.8
2009	260	73.7	102.3	130.9	135.2	97.5	71.1
2010	334	73.1	101.6	131.3	134.9	97.3	71.3
2011	354	72.7	101.8	131.7	134.7	97.1	71.3
2012	388	72.8	102.0	131.6	135.2	96.9	70.7
2013	334	73.4	102.7	131.2	135.1	97.2	71.3
2014	396	73.9	101.8	130.8	135.0	97.0	71.5
2015	352	73.3	101.9	131.3	134.0	96.7	72.1
2016	328	73.4	101.7	131.1	133.6	96.5	72.5
2017	360	73.2	101.8	131.3	133.1	96.4	72.9
2018	332	74.2	101.9	130.5	133.7	96.3	72.7
2019	340	74.3	102.3	130.5	133.5	95.9	72.9
2020	308	73.8	101.7	130.9	133.2	95.7	73.1
2021	209	73.4	101.7	131.2	133.6	96.3	73.0
2022	197	73.5	102.1	131.1	133.2	96.4	73.0
2023	239	73.5	101.5	131.1	133.2	95.7	73.2
2024	19	74.1	100.1	130.6	134.1	95.7	72.2

Tabel: 155 Witblauw Mixte: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1999	26	106.5	130.9	100.4	119.0	111.2	105.8	101.5	102.5	117.6	105.8	108.5
2000	19	105.0	127.9	100.4	116.8	109.6	105.8	100.7	101.6	115.3	105.6	106.1
2001	31	106.8	131.6	99.8	121.6	109.0	105.4	102.5	102.4	117.3	105.9	109.9
2002	40	106.1	129.4	100.5	118.7	109.7	105.2	101.6	102.3	116.6	105.4	108.0

2003	80	106.3	129.9	100.8	118.4	110.7	105.4	101.7	102.4	117.1	105.4
107.9											
2004	80	106.1	128.3	100.3	117.9	109.9	105.2	101.7	102.6	115.5	105.2
107.0											
2005	86	105.8	127.8	100.3	117.1	109.8	104.8	101.6	102.2	115.0	104.9
106.2											
2006	108	105.7	127.5	100.5	117.0	109.9	104.6	101.6	101.8	115.1	104.8
106.3											
2007	89	106.8	128.9	100.6	117.8	111.3	104.7	102.5	102.0	116.5	105.4
107.4											
2008	131	106.2	128.3	100.8	117.4	110.5	104.6	102.0	101.9	115.8	105.2
106.7											
2009	124	106.2	129.0	101.3	117.9	110.6	105.5	101.6	101.9	116.8	105.9
107.5											
2010	131	105.6	126.6	101.2	116.8	109.2	105.3	101.4	102.0	114.9	105.5
106.6											
2011	147	105.2	127.3	101.3	117.3	109.0	105.5	101.1	101.6	115.2	105.7
106.8											
2012	139	104.5	125.9	101.8	116.1	108.2	105.7	100.4	101.6	114.6	105.8
106.1											
2013	84	104.4	125.4	101.2	116.2	107.9	105.4	100.8	101.4	114.0	105.5
106.1											
2014	54	105.0	126.2	101.4	116.6	108.3	105.6	101.0	101.7	114.4	105.9
106.3											
2015	30	105.3	125.7	101.4	116.5	108.4	105.1	101.3	102.1	114.3	105.6
106.7											
2016	16	104.6	123.6	101.8	115.0	107.7	104.9	101.0	101.8	112.9	105.5
105.4											

Tabel: 156 Witblauw Mixte: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2008	10	-225.4	604.2	-58.4	-27.1
2010	11	118.0	2429.9	5.7	17.5
2011	11	-381.6	198.8	-96.8	-44.2
2012	18	-258.2	848.6	-61.7	-34.3
2013	13	-236.4	979.4	-59.5	-30.4
2014	12	-146.6	1772.8	-43.9	-19.3
2017	14	77.2	2163.4	5.1	8.6

Tabel: 157 Witblauw Mixte: Robot / AMS kenmerken  
 Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
2017	11	82.5	94.5	96.1	77.8

Tabel: 158 Witblauw Mixte: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1982	10	98.0	96.7	0	0.0	0.0	0	0.0
1983	11	98.5	95.3	0	0.0	0.0	0	0.0
1984	15	98.8	95.5	0	0.0	0.0	0	0.0
1985	27	97.2	95.7	0	0.0	0.0	0	0.0
1986	27	96.6	95.8	0	0.0	0.0	0	0.0
1987	36	98.2	96.5	0	0.0	0.0	0	0.0
1988	31	97.0	95.7	0	0.0	0.0	0	0.0
1989	32	96.3	95.9	0	0.0	0.0	0	0.0
1990	52	96.6	95.6	0	0.0	0.0	0	0.0
1991	63	96.1	95.6	0	0.0	0.0	0	0.0
1992	59	95.2	96.0	0	0.0	0.0	0	0.0
1993	84	95.6	95.7	0	0.0	0.0	0	0.0
1994	116	95.3	95.8	0	0.0	0.0	0	0.0
1995	109	95.2	96.1	0	0.0	0.0	0	0.0
1996	139	95.3	96.3	0	0.0	0.0	0	0.0
1997	130	95.0	96.3	0	0.0	0.0	0	0.0
1998	145	94.4	95.7	0	0.0	0.0	0	0.0
1999	135	94.3	95.7	0	0.0	0.0	0	0.0
2000	164	94.4	96.0	0	0.0	0.0	0	0.0
2001	160	94.3	96.0	0	0.0	0.0	0	0.0
2002	153	94.8	96.5	0	0.0	0.0	0	0.0
2003	187	94.8	96.3	0	0.0	0.0	0	0.0
2004	218	94.4	96.3	0	0.0	0.0	0	0.0
2005	250	94.7	96.5	0	0.0	0.0	0	0.0
2006	263	94.5	96.5	0	0.0	0.0	0	0.0
2007	248	94.3	96.2	0	0.0	0.0	0	0.0
2008	292	94.3	96.6	0	0.0	0.0	0	0.0
2009	261	94.1	96.6	0	0.0	0.0	0	0.0
2010	318	95.0	96.7	0	0.0	0.0	0	0.0
2011	336	94.6	97.1	0	0.0	0.0	0	0.0
2012	364	95.0	97.1	0	0.0	0.0	0	0.0
2013	343	94.6	97.0	0	0.0	0.0	0	0.0
2014	330	95.2	97.7	0	0.0	0.0	0	0.0
2015	303	95.3	97.8	0	0.0	0.0	0	0.0
2016	287	95.5	98.1	0	0.0	0.0	0	0.0
2017	289	95.8	98.3	0	0.0	0.0	0	0.0

2018	211	96.3	98.1	0	0.0	0.0	0	0.0
2019	191	95.9	97.6	0	0.0	0.0	0	0.0
2020	177	96.3	97.6	0	0.0	0.0	0	0.0
2021	81	96.3	96.9	0	0.0	0.0	0	0.0

Tabel: 159 Witblauw Mixte: Stofwisselingsaandoeningen  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	11	100.0	0	0.0	0	0.0	11	96.7
1992	11	100.0	0	0.0	0	0.0	11	96.8
1993	16	100.0	0	0.0	0	0.0	16	95.6
1994	20	100.0	0	0.0	0	0.0	20	96.2
1995	23	100.0	0	0.0	0	0.0	23	96.1
1996	36	100.0	0	0.0	0	0.0	36	95.6
1997	28	99.9	0	0.0	0	0.0	28	95.6
1998	50	99.9	0	0.0	0	0.0	50	95.9
1999	47	100.0	0	0.0	0	0.0	47	96.6
2000	68	99.9	0	0.0	0	0.0	68	96.0
2001	71	99.9	0	0.0	0	0.0	71	96.1
2002	64	99.9	0	0.0	0	0.0	64	95.6
2003	95	99.9	0	0.0	0	0.0	95	95.5
2004	121	99.9	0	0.0	0	0.0	121	95.6
2005	131	99.9	0	0.0	0	0.0	131	95.7
2006	163	99.9	0	0.0	0	0.0	163	96.0
2007	171	99.9	0	0.0	0	0.0	171	96.1
2008	213	99.9	0	0.0	0	0.0	213	96.2
2009	215	99.9	0	0.0	0	0.0	215	96.2
2010	305	99.9	0	0.0	0	0.0	305	96.5
2011	337	99.9	0	0.0	0	0.0	337	96.9
2012	365	99.9	0	0.0	0	0.0	365	97.0
2013	341	99.9	0	0.0	0	0.0	341	96.8
2014	323	99.9	0	0.0	0	0.0	323	97.1
2015	291	99.9	0	0.0	0	0.0	291	97.2
2016	275	99.9	0	0.0	0	0.0	275	97.1
2017	273	99.9	0	0.0	0	0.0	273	96.9
2018	207	99.9	0	0.0	0	0.0	207	96.9
2019	184	99.9	0	0.0	0	0.0	184	97.1
2020	183	99.9	0	0.0	0	0.0	183	96.8
2021	90	100.0	0	0.0	0	0.0	90	97.0

Tabel: 160 Rood Dubbeldoel: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	22	-1620.5	-69.5	-64.6	-75.4	5.4	-9.9	-1.7	-433.6
1981	16	-1633.4	-74.6	-65.7	-75.9	-4.2	-11.4	-1.5	-448.9
1982	18	-1744.8	-74.7	-68.4	-81.0	6.3	-8.7	-1.5	-461.6
1983	46	-1916.3	-80.4	-73.3	-88.8	11.0	-5.3	-1.3	-496.0
1984	51	-2102.9	-87.7	-78.5	-97.3	14.0	-2.1	-1.2	-535.5
1985	63	-2173.3	-93.9	-80.8	-100.5	7.4	-0.9	-1.2	-558.6
1986	95	-2233.3	-94.8	-81.8	-103.3	11.5	2.1	-1.2	-565.4
1987	139	-2159.1	-93.1	-80.2	-99.9	7.4	-0.6	-1.2	-554.2
1988	181	-2106.6	-89.9	-78.3	-97.5	9.6	-0.7	-1.2	-539.1
1989	173	-2047.6	-88.5	-77.3	-94.8	6.1	-3.5	-1.2	-531.1
1990	162	-1976.0	-84.2	-75.2	-91.5	8.9	-4.3	-1.3	-512.4
1991	129	-1905.6	-82.7	-74.0	-88.3	5.5	-7.6	-1.2	-503.4
1992	80	-1969.3	-82.6	-74.5	-91.3	12.8	-3.0	-1.3	-506.2
1993	68	-1884.6	-80.8	-72.3	-87.4	7.7	-5.2	-1.4	-492.3
1994	64	-1755.5	-76.1	-68.4	-81.5	5.5	-7.4	-1.5	-464.6
1995	58	-1761.5	-77.9	-69.5	-81.7	1.6	-9.4	-1.4	-472.9
1996	31	-1922.6	-78.3	-69.3	-89.1	16.9	4.0	-1.3	-475.2
1997	29	-1846.4	-78.4	-68.2	-85.5	8.4	0.3	-1.1	-470.0
1998	35	-1769.2	-79.5	-68.8	-82.1	-1.1	-7.3	-1.5	-473.7
1999	37	-1707.2	-77.0	-67.4	-79.2	-1.6	-9.1	-1.4	-461.8
2000	33	-1718.2	-77.1	-65.2	-79.7	-0.7	-3.8	-1.4	-453.4
2001	35	-1586.5	-70.4	-61.7	-73.8	0.9	-6.3	-1.6	-423.0
2002	40	-1673.0	-77.5	-64.8	-63.1	-5.9	-5.9	28.9	-447.3
2003	42	-1642.7	-77.3	-64.7	-54.1	-8.5	-8.4	45.4	-444.1
2004	47	-1469.0	-72.0	-61.5	-46.3	-12.6	-14.3	43.4	-417.2
2005	37	-1581.6	-75.7	-64.1	-49.9	-10.7	-11.8	47.3	-436.9
2006	61	-1445.7	-70.8	-59.8	-45.7	-12.6	-12.7	42.0	-407.5
2007	42	-1520.6	-75.5	-63.3	-48.8	-15.7	-14.5	43.5	-432.9
2008	46	-1415.4	-69.8	-59.7	-45.6	-13.3	-14.6	39.0	-405.1
2009	30	-1648.8	-80.7	-66.2	-54.7	-15.0	-10.9	44.7	-457.2
2010	28	-1429.6	-71.0	-61.2	-48.6	-14.6	-16.5	34.1	-415.0
2011	27	-1382.3	-71.1	-58.1	-43.5	-18.9	-13.9	40.0	-400.7
2012	32	-1522.5	-73.8	-61.4	-49.9	-11.8	-10.7	41.6	-421.7
2013	25	-1526.8	-67.6	-61.3	-48.3	0.6	-10.0	45.0	-407.8
2014	23	-1419.3	-66.0	-58.1	-47.0	-5.5	-11.4	36.8	-390.9
2015	41	-1398.3	-69.5	-58.4	-45.3	-14.2	-13.3	38.1	-399.0
2016	27	-1481.3	-70.3	-59.1	-52.2	-8.7	-8.9	32.6	-405.7
2017	34	-1407.6	-64.5	-58.3	-44.6	-3.1	-12.3	40.7	-388.0
2018	24	-1537.0	-70.2	-63.0	-51.6	-3.4	-12.7	39.5	-421.3
2019	24	-1497.2	-64.6	-61.1	-46.5	5.5	-11.4	46.2	-400.1
2020	21	-1318.5	-66.3	-57.7	-40.4	-14.9	-17.6	40.4	-387.9
2021	12	-1564.8	-68.1	-61.5	-44.7	4.2	-7.2	56.5	-408.6

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

Tabel: 161 Rood Dubbeldoel: Exterieurkenmerken bouw

Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	10	95.7	94.4	94.8	96.7	99.6	92.6	99.4
1986	13	95.2	93.0	93.6	96.2	98.5	93.4	100.3
1987	19	94.8	93.7	94.1	96.6	98.9	93.2	100.1
1988	24	95.8	94.4	94.8	96.8	98.9	92.5	101.9
1989	34	94.6	95.0	94.2	96.5	99.7	92.5	101.3
1990	43	96.0	94.2	94.2	96.5	99.3	92.7	102.2
1991	21	95.2	93.7	94.6	96.8	98.8	92.9	101.2
1992	14	95.6	95.1	93.9	95.8	100.9	92.4	101.8
1993	15	95.7	93.9	94.3	96.7	99.0	93.3	101.0
1994	16	95.3	96.2	95.1	96.2	101.1	92.1	101.9
1995	15	94.7	96.0	94.6	96.8	100.4	93.2	102.7
1998	12	96.3	94.5	94.5	97.0	99.7	94.8	100.5
1999	11	96.9	94.2	95.5	97.5	98.5	93.0	102.1
2001	10	96.6	94.9	95.3	97.6	99.5	93.6	101.8
2002	14	96.2	94.7	95.9	97.5	99.6	94.2	101.3

Tabel: 162 Rood Dubbeldoel: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	10	93.8	101.1	104.1	90.8	92.7
1986	13	92.2	101.3	102.6	89.6	91.2
1987	19	92.6	101.9	102.6	89.6	91.7
1988	24	93.0	101.5	103.3	89.8	91.8
1989	34	92.3	102.3	102.3	89.5	91.1
1990	43	92.4	100.8	103.3	89.9	91.3
1991	21	92.7	100.9	103.6	89.9	91.6
1992	14	92.8	101.4	103.6	90.4	91.7
1993	15	91.7	101.5	102.5	89.6	90.7
1994	16	92.4	100.8	103.8	89.9	90.9
1995	15	92.5	102.5	102.3	90.1	91.3
1998	12	94.3	100.9	103.8	91.2	93.4
1999	11	93.9	99.9	104.5	90.9	92.8
2001	10	94.0	99.4	105.2	90.9	92.6
2002	14	94.9	99.1	105.8	91.7	93.6

Tabel: 163 Rood Dubbeldoel: Exterieurkenmerken uier  
Basis: Dubbeldoel  
Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1985 99.9	10	97.7	94.1	103.4	99.5	97.2	96.0	94.9
1986 100.6	13	97.1	92.5	104.6	98.8	97.4	95.8	93.8
1987 100.1	19	97.7	94.1	102.9	99.5	97.4	96.3	94.9
1988 99.8	24	96.7	93.6	104.1	98.5	96.6	96.2	94.7
1989 100.0	34	97.4	93.3	104.6	99.2	96.7	95.4	94.2
1990 100.3	43	97.2	92.9	104.7	99.2	96.8	95.5	93.9
1991 100.1	21	96.7	94.3	104.5	98.2	96.9	95.7	95.0
1992 100.5	14	96.3	92.1	106.1	98.9	95.9	95.9	94.3
1993 100.4	15	96.8	91.5	105.9	98.9	96.3	94.7	92.7
1994 100.4	16	96.6	92.4	105.2	98.6	96.6	95.9	93.9
1995 99.9	15	96.0	92.1	105.4	98.1	95.8	94.7	93.1
1998 99.9	12	97.1	94.2	103.5	99.4	96.6	96.4	95.1
1999 100.5	11	97.3	94.4	104.2	99.4	97.0	96.5	95.3
2001 100.3	10	97.5	94.7	103.6	100.0	96.6	96.1	95.3
2002 100.3	14	97.6	95.9	103.6	99.4	97.2	96.9	96.2

Tabel: 164 Rood Dubbeldoel: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	10	91.0	90.2	94.4	92.8	99.4	88.1
1986	13	90.8	87.8	93.3	90.8	98.3	85.7
1987	19	90.8	88.9	94.6	91.3	98.5	87.0
1988	24	92.3	90.3	93.4	91.7	98.7	87.2
1989	34	91.7	89.9	93.3	90.5	98.6	86.2
1990	43	92.3	90.1	93.3	91.1	98.9	86.7
1991	21	91.5	89.7	93.4	91.4	98.5	86.8

1992	14	92.2	90.6	92.4	91.6	99.9	86.9
1993	15	91.7	89.1	92.1	90.4	98.0	85.4
1994	16	93.0	91.2	92.7	90.6	99.9	86.5
1995	15	92.8	91.3	91.5	90.8	99.2	86.1
1998	12	92.6	90.9	94.1	93.2	99.0	88.6
1999	11	92.7	91.0	94.3	92.6	98.5	88.5
2001	10	93.2	91.4	94.5	92.7	98.9	88.8
2002	14	93.3	92.1	95.2	93.9	98.9	90.1

Tabel: 165 Rood Dubbeldoel: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	66	99.7	102.3	98.0	100.2	98.5	96.7	87.9	99.9
98.6									
1981	33	98.6	103.2	97.3	100.3	97.5	94.8	87.2	100.1
97.6									
1982	67	99.0	102.5	97.6	100.1	97.8	95.8	86.8	99.8
98.0									
1983	105	99.7	103.4	98.9	101.1	98.7	96.1	87.4	101.0
99.0									
1984	108	99.3	102.6	97.7	100.2	97.9	95.6	86.5	99.9
98.1									
1985	119	98.9	102.9	97.5	100.2	97.5	95.0	86.2	100.0
97.8									
1986	144	98.7	102.6	97.3	99.9	97.3	94.8	86.6	99.6
97.5									
1987	176	98.3	102.9	97.1	99.9	97.0	94.5	86.7	99.7
97.3									
1988	226	99.1	102.5	97.7	100.0	97.8	95.5	86.7	99.8
97.9									
1989	236	99.1	103.2	98.1	100.6	98.0	95.2	87.1	100.5
98.2									
1990	209	99.0	102.5	97.8	100.0	97.7	95.2	86.8	99.9
97.9									
1991	167	99.3	102.6	98.0	100.3	98.1	95.5	87.3	100.1
98.2									
1992	115	98.9	102.8	97.9	100.3	97.8	95.3	87.0	100.1
98.0									
1993	93	99.5	102.3	97.9	100.0	98.1	95.7	86.8	99.9
98.2									
1994	81	99.3	102.1	97.6	99.8	97.8	95.8	87.2	99.6
97.9									



1995	71	100.0	102.5	98.6	100.6	98.9	96.3	88.2	100.4
98.9									
1996	46	100.0	102.6	98.6	100.8	98.9	96.0	87.9	100.4
98.8									
1997	36	99.5	101.8	97.5	99.8	98.0	95.8	87.4	99.4
97.9									
1998	41	99.5	102.0	97.8	100.0	98.2	95.7	87.9	99.6
98.0									
1999	43	99.8	102.2	97.9	100.2	98.5	95.8	87.8	99.8
98.2									
2000	35	99.5	102.0	97.7	100.0	98.1	95.2	87.8	99.6
97.9									
2001	39	99.4	102.4	98.0	100.4	98.3	95.5	88.1	100.0
98.2									
2002	48	99.3	102.8	98.2	100.6	98.5	95.4	88.4	100.4
98.4									
2003	52	99.6	102.3	98.1	100.2	98.4	95.6	87.4	100.0
98.3									
2004	65	99.0	101.9	97.2	99.6	97.8	95.5	87.9	99.3
97.7									
2005	61	99.1	102.1	97.5	99.9	98.0	95.2	87.3	99.5
97.8									
2006	67	99.5	101.7	97.6	99.7	98.2	95.8	87.8	99.3
98.0									
2007	58	99.2	101.8	97.5	99.7	97.9	95.2	88.0	99.4
97.7									
2008	62	99.8	101.6	98.0	99.8	98.5	95.8	88.2	99.6
98.3									
2009	48	99.8	101.8	98.1	100.0	98.6	95.7	88.8	99.7
98.2									
2010	43	99.5	102.3	98.4	100.3	98.6	95.7	88.8	100.3
98.5									
2011	45	99.6	102.0	98.2	100.2	98.6	95.8	88.6	99.9
98.3									
2012	54	99.1	102.2	98.0	100.1	98.2	96.0	90.3	99.9
98.2									
2013	46	100.0	101.4	98.1	99.7	98.6	96.1	89.1	99.5
98.3									
2014	40	99.1	102.3	97.9	100.2	98.1	95.4	89.4	99.9
98.1									
2015	62	99.4	101.6	97.7	99.6	98.1	95.5	89.6	99.4
97.8									
2016	34	99.4	102.1	98.0	100.0	98.4	96.0	90.2	99.8
98.4									
2017	47	99.0	102.1	97.8	100.1	98.2	95.7	89.9	99.7
98.1									
2018	38	99.3	102.1	98.1	100.1	98.3	95.5	89.3	99.9
98.2									
2019	36	99.8	102.6	99.0	100.8	99.1	95.9	90.2	100.6
98.9									

2020	32	100.0	102.1	98.5	100.4	98.8	95.9	88.9	100.1
98.8									
2021	31	100.0	103.0	99.1	101.2	99.4	95.8	89.4	101.0
99.2									

Tabel: 166 Rood Dubbeldoel: Gebruikskennmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	10	95.9	0.0	95.6	100.5	101.7
1986	11	96.5	0.0	94.8	99.6	101.2
1987	16	96.3	0.0	95.6	100.7	102.1
1988	23	95.8	97.0	95.0	100.0	101.0
1989	33	95.6	96.0	95.2	100.2	101.4
1990	33	95.7	0.0	94.7	99.7	100.4
1991	15	95.5	0.0	94.8	99.6	101.6
1993	12	96.5	96.0	94.9	99.9	100.9
1994	10	95.9	98.2	94.7	99.9	100.9
1995	14	96.4	97.7	95.4	99.6	101.9
1998	12	96.4	96.4	94.6	99.0	100.9
1999	11	95.9	96.5	95.1	99.4	101.4
2001	10	95.6	97.7	95.5	99.5	100.7
2002	15	94.3	96.6	95.2	99.0	101.1

Tabel: 167 Rood Dubbeldoel: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	22	-162.9	-433.6	0.0	100.8	98.6	91.5	93.0	0.0
0.0									
1981	16	-165.9	-448.9	0.0	100.2	97.6	95.0	92.0	0.0
0.0									
1982	18	-177.4	-461.6	0.0	100.6	98.0	93.8	92.4	0.0
0.0									
1983	46	-180.5	-496.0	0.0	101.3	99.0	94.0	91.7	0.0
0.0									
1984	51	-202.4	-535.5	-30.8	101.0	98.1	94.2	92.7	99.0
0.0									

1985	63	-214.9	-558.6	0.0	101.4	97.8	94.4	92.8	0.0
76.4									
1986	95	-225.2	-565.4	270.0	100.6	97.5	93.3	90.8	0.0
84.5									
1987	139	-206.5	-554.2	220.4	101.7	97.3	94.6	91.3	0.0
62.0									
1988	181	-215.0	-539.1	326.6	100.6	97.9	93.4	91.7	0.0
65.6									
1989	173	-223.4	-531.1	293.8	101.0	98.2	93.3	90.5	97.0
64.4									
1990	162	-225.0	-512.4	338.4	100.1	97.9	93.3	91.1	99.0
70.1									
1991	129	-204.9	-503.4	229.8	100.9	98.2	93.4	91.4	0.0
66.3									
1992	80	-219.5	-506.2	255.9	100.1	98.0	92.4	91.6	0.0
59.7									
1993	68	-218.9	-492.3	178.5	100.5	98.2	92.1	90.4	97.0
72.3									
1994	64	-198.4	-464.6	216.0	100.6	97.9	92.7	90.6	0.0
57.0									
1995	58	-212.8	-472.9	42.5	101.1	98.9	91.5	90.8	97.0
53.2									
1996	31	-213.6	-475.2	-118.5	100.2	98.8	95.5	92.4	98.0
50.4									
1997	29	-213.0	-470.0	-34.4	100.7	97.9	94.2	93.4	0.0
57.4									
1998	35	-223.5	-473.7	-119.4	100.1	98.0	94.1	93.2	0.0
64.6									
1999	37	-225.4	-461.8	-300.9	100.7	98.2	94.3	92.6	97.7
53.7									
2000	33	-222.6	-453.4	-367.0	100.8	97.9	95.2	93.4	97.7
67.8									
2001	35	-220.5	-423.0	-332.4	100.3	98.2	94.5	92.7	98.2
50.3									
2002	40	-231.4	-447.3	-369.2	100.4	98.4	95.2	93.9	97.1
66.6									
2003	42	-230.3	-444.1	-399.9	99.9	98.3	96.0	94.5	97.4
63.0									
2004	47	-216.9	-417.2	-363.3	100.7	97.7	0.0	0.0	97.3
51.7									
2005	37	-224.5	-436.9	-394.5	99.6	97.8	0.0	0.0	97.0
50.5									
2006	61	-220.4	-407.5	-390.0	100.5	98.0	95.0	91.0	97.2
41.8									
2007	42	-210.7	-432.9	-330.1	100.7	97.7	91.0	91.0	97.4
55.6									
2008	46	-211.1	-405.1	-328.5	100.4	98.3	94.0	92.0	96.9
49.4									
2009	30	-241.1	-457.2	-359.7	99.8	98.2	0.0	0.0	96.8
67.8									

2010	28	-213.8	-415.0	-242.5	101.4	98.5	96.5	91.0	97.0
57.1									
2011	27	-191.8	-400.7	-297.0	100.0	98.3	0.0	0.0	96.9
47.6									
2012	32	-199.5	-421.7	-395.7	100.2	98.2	99.0	94.0	96.9
45.8									
2013	25	-185.2	-407.8	-386.2	101.4	98.3	0.0	0.0	97.0
46.4									
2014	23	-176.5	-390.9	-305.2	100.7	98.1	97.0	91.0	96.8
50.1									
2015	41	-189.7	-399.0	-360.8	100.4	97.8	94.0	92.0	96.9
49.6									
2016	27	-190.5	-405.7	-409.3	100.3	98.4	0.0	0.0	96.6
47.1									
2017	34	-172.7	-388.0	-321.9	101.5	98.1	0.0	0.0	96.3
48.2									
2018	24	-182.7	-421.3	-335.5	101.5	98.2	0.0	0.0	96.0
54.1									
2019	24	-184.0	-400.1	-328.2	100.9	98.9	0.0	0.0	96.3
47.8									
2020	21	-172.1	-387.9	-252.0	101.7	98.8	0.0	0.0	96.3
56.1									
2021	12	-185.6	-408.6	-323.3	101.8	99.2	0.0	0.0	96.0
63.7									

Tabel: 168 Rood Dubbeldoel: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
2004	10	98.7	98.7	98.7	98.7	97.9	99.6
2006	16	98.8	98.2	98.8	98.2	98.0	99.4
2007	26	99.7	98.0	99.7	98.0	98.5	99.2
2008	50	99.9	97.6	99.9	97.6	98.7	99.1
2009	44	99.6	97.6	99.6	97.6	98.4	98.9
2010	35	99.7	97.5	99.7	97.5	98.7	99.0
2011	29	99.8	97.4	99.8	97.4	98.5	98.8
2012	34	99.4	97.4	99.4	97.4	98.3	98.7
2013	37	99.8	97.2	99.8	97.2	98.6	98.6
2014	31	99.5	97.6	99.5	97.6	98.3	98.8
2015	52	99.7	97.5	99.7	97.5	98.4	98.8
2016	33	99.2	97.2	99.2	97.2	98.0	98.5
2017	41	98.8	97.3	98.8	97.3	97.6	98.4
2018	42	98.9	97.0	98.9	97.0	97.5	98.3
2019	43	98.3	97.4	98.3	97.4	97.2	98.4
2020	36	98.7	97.4	98.7	97.4	97.6	98.5

2021	45	98.6	97.1	98.6	97.1	97.3	98.5
2022	31	98.9	97.2	98.9	97.2	97.6	98.5
2023	43	98.9	97.3	98.9	97.3	97.6	98.6

Tabel: 169 Rood Dubbeldoel: Geboortekennmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1983	13	77.8	106.8	123.7	105.3	96.9	100.1
1984	22	78.9	105.0	122.2	105.3	97.8	98.8
1985	28	78.1	106.0	123.0	105.8	97.5	98.5
1986	36	78.0	106.5	122.9	104.2	97.5	100.5
1987	71	77.8	105.7	123.0	105.4	95.9	98.1
1988	115	77.1	107.4	123.6	105.6	95.7	97.1
1989	102	76.3	106.4	124.5	105.1	95.7	98.7
1990	107	78.0	106.5	122.9	104.7	95.8	99.7
1991	69	81.3	105.0	119.9	105.4	97.3	99.4
1992	53	80.7	105.9	120.9	103.9	96.0	101.1
1993	39	77.0	106.4	123.6	103.4	97.5	101.3
1994	22	78.4	105.7	122.4	103.6	98.4	102.1
1995	15	80.3	104.3	120.9	105.4	96.5	98.9
1996	10	79.4	105.4	121.7	104.6	95.8	99.1
1998	15	79.5	104.5	121.5	103.3	95.8	101.5
1999	23	80.3	104.7	120.8	103.9	95.8	101.2
2000	15	77.7	105.5	122.7	103.8	97.2	101.0
2001	19	81.3	103.9	119.7	104.6	96.9	99.9
2002	30	81.0	103.0	120.2	104.7	96.0	100.0
2003	20	81.0	104.2	120.0	103.9	96.4	99.8
2004	32	81.2	103.2	119.8	104.0	96.4	99.8
2005	13	78.8	104.8	121.7	103.6	96.9	100.7
2006	33	80.3	104.6	120.7	104.2	95.8	100.0
2007	38	82.3	104.2	118.9	103.3	96.6	101.6
2008	38	82.1	104.1	119.2	102.9	95.0	102.0
2009	37	81.8	104.4	119.6	103.0	94.8	101.6
2010	35	82.2	105.7	119.5	103.6	95.5	102.6
2011	29	82.2	104.8	119.4	103.8	95.1	101.3
2012	37	82.5	105.1	119.1	103.4	94.4	101.1
2013	36	84.2	104.6	117.5	104.7	93.4	99.6
2014	29	82.0	104.7	119.5	104.0	95.1	101.0
2015	52	83.2	103.6	118.4	104.3	94.1	99.8
2016	33	83.7	103.2	117.9	104.7	93.8	99.0
2017	41	81.4	104.5	119.8	104.4	94.7	99.1
2018	41	81.2	104.5	120.0	104.7	94.5	98.6
2019	42	82.6	103.8	118.7	104.8	94.6	98.9
2020	31	82.5	103.9	119.0	104.8	95.0	99.9
2021	40	82.3	103.3	119.0	104.4	95.2	100.1

2022	36	81.6	104.8	119.7	103.9	94.7	100.2
2023	47	82.1	104.6	119.1	104.0	95.0	99.8

Tabel: 170 Rood Dubbeldoel: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2002	17	102.6	109.1	96.4	108.6	103.6	100.9	102.0	98.1	107.8	98.2	106.2
2003	16	102.7	112.9	96.8	110.0	105.1	101.0	101.4	97.3	110.3	98.1	107.3
2004	25	100.8	108.8	98.5	107.1	102.7	101.4	100.3	97.1	107.6	98.4	105.2
2005	12	101.4	110.2	99.4	107.3	103.8	101.7	100.3	97.4	109.0	98.9	105.8
2006	17	102.1	109.9	97.8	108.8	103.4	101.5	101.1	98.2	108.0	98.8	106.4
2007	27	101.2	106.4	99.0	106.3	102.4	101.7	100.4	98.3	106.0	99.0	104.7
2008	36	101.2	107.0	98.5	106.4	102.7	101.5	100.5	98.3	106.5	98.7	104.9
2009	28	100.9	106.3	98.5	105.5	102.5	101.6	99.9	98.6	105.9	98.9	104.0
2010	14	101.9	106.0	99.7	105.7	103.2	102.1	100.6	99.1	106.3	99.6	104.8
2011	16	101.4	107.0	99.0	106.2	103.0	101.6	100.6	98.3	106.6	98.9	105.1
2012	19	101.7	107.7	98.1	107.0	103.3	101.4	100.9	98.1	106.8	98.6	105.5
2015	11	100.6	106.3	99.0	105.6	102.4	101.9	99.7	98.4	105.8	99.3	103.9

Tabel: 171 Rood Dubbeldoel: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36	-3714.6	-14920.8	-628.9	-533.3
2002	40	-3998.2	-15904.1	-681.7	-568.3

2003	42	-4152.4	-16448.8	-707.1	-589.1
2004	47	-3907.0	-15289.5	-663.9	-556.0
2005	37	-4114.1	-16204.1	-699.7	-584.4
2006	61	-3998.8	-15710.7	-680.7	-568.3
2007	40	-3784.7	-14767.5	-644.3	-538.2
2008	46	-3686.9	-14361.5	-625.5	-525.9
2009	30	-3987.4	-15599.3	-682.0	-565.0
2010	28	-3289.8	-12660.1	-555.9	-471.5
2011	27	-3523.4	-13639.6	-603.3	-499.9
2012	32	-4069.2	-16031.9	-694.9	-577.1
2013	25	-3993.4	-15880.2	-672.2	-570.4
2014	23	-3550.7	-13981.1	-599.1	-507.8
2015	42	-3850.9	-15083.3	-657.7	-546.9
2016	27	-4101.6	-16252.9	-700.7	-582.3
2017	34	-3622.0	-14255.0	-609.5	-518.3
2018	24	-3797.1	-14987.7	-639.8	-543.1
2019	24	-3665.6	-14485.3	-611.2	-526.8
2020	21	-3270.1	-12579.0	-552.0	-468.1
2021	12	-3662.4	-14541.8	-612.8	-523.8

Tabel: 172 Rood Dubbeldoel: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	22	97.3	95.9	0	0.0	0.0	0	0.0
1981	16	97.5	96.1	0	0.0	0.0	0	0.0
1982	18	96.8	96.8	0	0.0	0.0	0	0.0
1983	46	96.9	95.8	0	0.0	0.0	0	0.0
1984	51	96.5	96.2	0	0.0	0.0	0	0.0
1985	63	97.0	96.6	53	-5.0	76.4	0	0.0
1986	95	96.9	96.1	71	-5.2	84.5	0	0.0
1987	139	96.7	96.2	124	-4.7	62.0	0	0.0
1988	181	96.4	96.1	114	-4.7	65.6	0	0.0
1989	173	97.2	96.6	99	-4.6	64.4	0	0.0
1990	162	97.2	97.0	94	-4.5	70.1	0	0.0
1991	129	96.3	96.9	68	-4.3	66.3	0	0.0
1992	80	97.4	97.7	42	-4.4	59.7	0	0.0
1993	68	96.7	97.7	33	-4.4	72.3	0	0.0
1994	64	97.0	97.0	40	-4.0	57.0	0	0.0
1995	58	96.4	95.7	29	-4.0	53.2	0	0.0
1996	31	95.9	96.2	16	-3.8	50.4	0	0.0
1997	29	97.4	96.4	11	-4.1	57.4	0	0.0
1998	35	96.7	97.1	17	-4.2	64.6	0	0.0
1999	37	97.1	96.9	17	-3.9	53.7	0	0.0
2000	33	97.4	96.5	11	-4.3	67.8	0	0.0
2001	35	98.0	96.4	16	-3.6	50.3	10	95.1

2002	40	97.4	97.2	16	-3.7	66.6	14	95.1
2003	42	97.2	96.7	6	-3.6	63.0	2	93.0
2004	47	97.2	97.0	14	-3.4	51.7	0	0.0
2005	37	97.8	97.4	13	-3.3	50.5	0	0.0
2006	61	97.8	97.0	15	-2.6	41.8	1	97.0
2007	42	98.5	97.3	22	-3.5	55.6	1	93.0
2008	46	98.3	97.8	17	-3.2	49.4	2	94.0
2009	30	98.3	97.3	9	-4.1	67.8	0	0.0
2010	28	98.8	97.1	10	-3.6	57.1	2	93.0
2011	27	98.5	98.5	18	-3.3	47.6	0	0.0
2012	32	98.9	98.3	24	-3.4	45.8	1	93.0
2013	25	98.4	97.6	22	-3.2	46.4	0	0.0
2014	23	98.3	97.5	20	-3.2	50.1	1	94.0
2015	41	98.2	98.0	36	-3.3	49.6	1	96.0
2016	27	97.8	97.3	25	-3.3	47.1	0	0.0
2017	34	98.6	98.1	30	-3.2	48.2	0	0.0
2018	24	98.0	98.1	23	-3.5	54.1	0	0.0
2019	24	96.2	95.5	15	-3.1	47.8	0	0.0
2020	21	97.8	97.1	13	-3.4	56.1	0	0.0
2021	12	97.9	97.6	7	-3.2	63.7	0	0.0

Tabel: 173 Rood Dubbeldoel: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1999	13	100.0	0	0.0	0	0.0	13	96.8
2001	10	99.9	0	0.0	0	0.0	10	96.3
2002	14	100.0	0	0.0	0	0.0	14	97.0
2004	19	99.9	0	0.0	0	0.0	19	97.1
2006	26	100.0	0	0.0	0	0.0	26	96.9
2007	23	100.0	0	0.0	0	0.0	23	96.8
2008	22	100.0	0	0.0	0	0.0	22	97.7
2009	23	100.0	0	0.0	0	0.0	23	98.6
2010	27	100.0	0	0.0	0	0.0	27	97.6
2011	25	100.0	0	0.0	0	0.0	25	98.4
2012	32	99.9	0	0.0	0	0.0	32	97.0
2013	25	99.9	0	0.0	0	0.0	25	96.2
2014	20	100.0	0	0.0	0	0.0	20	97.7
2015	38	100.0	0	0.0	0	0.0	38	97.8
2016	23	100.0	0	0.0	0	0.0	23	98.7
2017	32	100.0	0	0.0	0	0.0	32	98.3
2018	23	100.0	0	0.0	0	0.0	23	98.3
2019	23	99.9	0	0.0	0	0.0	23	97.8
2020	21	100.0	0	0.0	0	0.0	21	97.8
2021	11	100.0	0	0.0	0	0.0	11	97.9



Tabel: 174 Rood Vlees: Vruchtbaarheidskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
2005 99.2	11	98.2	103.0	98.7	101.5	98.5	96.7	110.9	100.7
2006 99.2	13	98.2	103.4	99.1	101.8	98.7	96.8	111.1	101.2
2007 99.7	12	99.3	102.8	99.7	102.0	99.7	97.2	108.8	101.2
2008 99.3	18	98.6	102.8	99.1	101.6	99.1	97.2	109.4	100.9
2009 99.6	17	99.4	102.8	99.8	101.9	99.5	96.9	108.7	101.4
2010 100.1	40	98.8	103.5	100.0	102.3	99.5	97.4	109.5	101.9
2011 100.6	69	99.3	103.5	100.6	102.7	100.1	97.8	109.4	102.2
2012 100.5	55	99.3	103.3	100.4	102.5	100.1	97.6	108.9	102.0
2013 100.8	53	99.9	103.4	100.8	102.8	100.6	98.1	110.1	102.2
2014 100.5	68	99.8	102.9	100.5	102.4	100.3	97.9	109.9	101.8
2015 100.0	75	99.2	103.0	99.9	102.2	99.8	97.6	109.8	101.5
2016 100.9	70	99.7	103.7	100.8	103.0	100.5	97.9	109.7	102.4
2017 101.0	89	99.7	103.9	100.9	103.1	100.6	98.0	110.6	102.6
2018 101.2	68	100.0	103.8	101.1	103.4	100.8	98.2	111.1	102.7
2019 101.0	61	100.2	103.8	100.8	103.3	100.7	98.1	111.3	102.5
2020 100.9	45	99.6	104.2	100.7	103.2	100.2	98.0	111.7	102.6
2021 100.8	11	100.0	103.6	100.7	103.2	100.2	98.0	113.1	102.3

Tabel: 175 Rood Vlees: Geboortekenenmerken

Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2013	11	116.2	100.1	81.4	90.8	107.1	111.3
2015	15	116.1	101.5	81.5	89.3	107.1	112.6
2016	12	115.2	101.8	81.8	89.4	107.3	111.4
2017	14	117.2	102.1	79.9	89.8	108.1	109.8
2019	14	114.5	101.4	82.7	90.0	108.3	110.5
2020	16	113.6	102.6	83.5	88.6	108.1	112.1
2021	15	114.1	103.0	83.7	90.9	110.1	112.1
2022	19	114.0	102.3	83.0	89.3	110.1	111.3
2023	22	114.3	102.1	82.7	89.4	108.9	111.4

Tabel: 176 Rood Vlees: Vleeskenmerken  
Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st
2005	10	92.0	59.5	96.1	84.1	81.5	93.3	99.2	95.9	84.4	94.1
100.5											
2006	12	92.1	58.7	94.7	84.2	81.2	93.0	99.4	96.2	83.8	93.8
99.9											
2008	13	94.0	61.2	95.1	85.8	83.8	93.6	100.5	96.9	86.5	94.8
102.2											
2010	22	94.2	60.9	94.6	86.0	82.9	93.4	100.5	97.1	85.7	94.4
102.5											
2011	27	93.3	59.2	94.3	85.5	81.1	93.2	100.2	97.4	84.1	94.1
101.6											
2012	16	93.2	59.1	93.3	85.2	81.3	92.8	100.2	97.2	83.9	93.6
101.0											
2013	21	91.8	59.0	95.3	85.3	80.1	94.6	98.4	96.3	84.5	94.4
101.0											
2014	24	91.7	58.1	94.5	87.0	77.4	94.4	99.0	97.5	82.4	94.3
101.9											
2015	18	93.9	61.0	94.0	89.8	79.2	94.7	100.9	98.1	84.0	94.9
104.3											
2016	11	92.8	58.9	93.3	89.8	76.8	94.6	100.4	98.1	81.6	94.4
103.7											

Tabel: 177 Witrood: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	591	-1742.7	-74.7	-70.9	-80.9	6.1	-14.2	-1.4	-472.0
1981	645	-1839.3	-78.7	-73.7	-85.3	6.9	-12.7	-1.4	-492.8
1982	680	-1845.4	-78.8	-74.3	-85.6	7.6	-13.3	-1.3	-495.5
1983	494	-1885.9	-80.0	-76.6	-87.4	8.8	-15.4	-1.3	-508.3
1984	489	-1962.4	-83.9	-78.7	-90.9	8.2	-14.0	-1.3	-526.3
1985	776	-1920.3	-83.4	-76.5	-89.0	5.1	-12.1	-1.3	-515.4
1986	1198	-1956.4	-83.7	-76.9	-90.6	8.2	-10.1	-1.3	-518.3
1987	2322	-1917.2	-81.6	-75.6	-88.8	8.8	-10.2	-1.3	-508.1
1988	3293	-1857.0	-80.1	-74.2	-86.1	6.4	-11.7	-1.3	-498.3
1989	3396	-1973.1	-83.5	-77.0	-91.4	10.8	-8.6	-1.3	-518.5
1990	3796	-1858.3	-79.9	-74.1	-86.1	7.4	-11.2	-1.3	-497.4
1991	4289	-1773.2	-77.0	-70.9	-82.3	5.2	-11.0	-1.4	-477.1
1992	4196	-1720.9	-75.8	-69.5	-79.9	2.7	-12.1	-1.4	-468.1
1993	4078	-1630.4	-73.0	-66.6	-75.7	0.1	-12.8	-1.4	-449.3
1994	3697	-1607.2	-70.7	-65.0	-74.7	2.5	-11.3	-1.5	-437.4
1995	2870	-1459.6	-64.3	-60.5	-67.9	2.0	-12.8	-1.5	-403.5
1996	1222	-1444.1	-64.2	-59.9	-67.2	0.8	-12.8	-1.5	-400.8
1997	570	-1364.5	-63.9	-57.1	-63.6	-4.8	-12.8	-1.5	-387.5
1998	403	-1321.3	-60.7	-55.7	-61.6	-2.9	-13.0	-1.6	-374.3
1999	359	-1209.3	-57.9	-52.4	-56.5	-7.0	-14.3	-1.6	-353.2
2000	306	-1174.9	-57.5	-51.8	-54.9	-9.1	-15.5	-1.6	-349.6
2001	295	-1079.5	-53.9	-48.8	-50.4	-9.7	-16.1	-1.4	-328.7
2002	226	-1162.6	-56.2	-50.7	-51.8	-7.1	-14.1	3.4	-341.4
2003	169	-1073.1	-56.7	-48.7	-38.3	-15.6	-16.4	21.2	-330.3
2004	209	-1111.0	-56.8	-48.7	-40.9	-12.7	-13.8	19.5	-331.3
2005	241	-1149.9	-60.3	-50.0	-43.3	-16.3	-13.7	18.5	-344.8
2006	247	-1064.5	-56.7	-47.1	-39.9	-15.7	-13.6	17.3	-324.2
2007	252	-1052.8	-59.1	-47.5	-39.5	-21.5	-15.1	17.0	-330.7
2008	237	-1046.0	-58.9	-47.3	-39.3	-21.7	-15.1	16.7	-329.2
2009	251	-997.6	-56.8	-44.9	-39.1	-22.1	-14.4	12.9	-315.2
2010	237	-958.3	-56.7	-43.6	-38.5	-24.6	-14.4	10.6	-309.3
2011	242	-1030.9	-58.3	-45.6	-40.4	-22.5	-13.5	13.4	-321.4
2012	245	-1012.6	-56.8	-44.5	-38.2	-20.9	-12.4	15.8	-313.1
2013	268	-1071.2	-59.5	-46.5	-41.9	-21.4	-12.7	14.2	-328.3
2014	272	-1053.0	-60.3	-46.6	-41.2	-24.4	-13.8	13.9	-330.1
2015	256	-1110.4	-60.7	-48.1	-42.9	-20.5	-12.7	15.8	-337.5
2016	276	-1057.2	-60.6	-47.2	-40.0	-24.0	-14.3	16.6	-332.6
2017	255	-1001.5	-57.2	-43.8	-38.4	-22.1	-11.7	14.3	-311.4
2018	221	-983.1	-55.9	-43.9	-38.0	-21.7	-13.5	13.6	-308.8
2019	221	-1019.4	-57.1	-45.0	-38.9	-21.1	-13.2	15.2	-316.2
2020	185	-1177.8	-62.0	-49.2	-46.6	-17.2	-10.3	14.8	-346.1
2021	89	-974.0	-55.2	-43.9	-37.9	-21.2	-14.2	12.7	-307.1

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

Tabel: 178 Witrood: Exterieurkenmerken bouw

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	35	94.6	92.1	95.5	95.8	97.4	92.9	98.4
1981	94	94.1	93.5	95.6	95.8	98.9	93.6	98.4
1982	141	95.0	90.7	94.4	95.8	96.6	92.8	96.5
1983	109	94.7	93.4	95.1	95.7	99.6	92.0	97.3
1984	98	96.8	93.6	96.0	97.4	99.3	94.7	99.7
1985	215	96.6	94.1	95.7	96.9	99.9	94.0	99.4
1986	284	96.9	94.7	96.3	97.4	100.2	94.2	100.1
1987	494	96.8	94.8	96.4	97.6	100.2	94.6	100.5
1988	667	96.3	94.8	96.1	97.3	100.4	94.5	99.7
1989	771	96.6	94.7	96.2	97.1	100.5	94.4	99.8
1990	1134	97.2	94.9	96.2	97.3	100.8	94.9	99.9
1991	1329	97.4	94.9	96.1	97.4	100.8	95.5	100.0
1992	1341	97.3	94.9	96.3	97.3	100.9	95.1	100.3
1993	1342	97.2	95.3	96.5	97.4	101.2	94.7	100.2
1994	1111	97.7	95.9	96.9	97.7	101.5	95.1	101.0
1995	776	98.3	95.6	97.1	98.0	101.1	95.2	101.1
1996	246	97.9	96.6	97.4	97.8	102.1	94.9	101.2
1997	102	97.9	95.6	97.8	98.4	100.7	94.5	101.3
1998	42	98.2	96.6	97.6	98.2	102.0	95.5	101.4
1999	27	97.9	95.5	96.6	97.9	101.1	95.4	100.9
2000	24	98.4	95.1	97.4	98.5	101.2	95.3	101.4
2001	18	100.5	95.7	99.7	100.5	99.9	95.4	102.3
2005	12	100.8	96.2	99.4	100.1	100.5	95.1	103.2
2006	12	101.4	95.5	99.8	100.7	99.6	95.2	103.2

Tabel: 179 Witrood: Exterieurkenmerken beenwerk

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	35	91.3	103.6	101.0	87.7	89.0
1981	94	91.9	105.4	100.7	88.9	89.6
1982	141	91.5	102.9	101.5	87.3	88.9
1983	109	92.8	103.5	100.9	89.5	89.9
1984	98	93.8	103.7	101.9	91.5	91.2
1985	215	94.2	104.6	101.4	91.4	91.4
1986	284	94.7	104.5	101.4	92.2	91.9
1987	494	94.4	103.8	102.3	92.1	91.5
1988	667	94.0	104.4	101.8	91.9	91.1

1989	771	94.2	104.6	101.4	91.6	91.3
1990	1134	94.1	104.1	102.5	91.8	90.9
1991	1329	94.2	103.9	102.5	91.9	91.0
1992	1341	94.3	104.4	101.8	91.9	91.3
1993	1342	94.2	104.9	101.4	91.8	91.1
1994	1111	94.4	104.8	101.6	92.2	91.3
1995	776	94.4	104.2	101.9	92.3	91.5
1996	246	94.2	105.0	101.8	92.2	91.2
1997	102	93.9	106.5	100.0	91.7	90.9
1998	42	94.1	106.0	100.4	92.1	91.2
1999	27	94.2	105.2	101.0	92.3	91.4
2000	24	94.1	106.2	99.8	92.2	91.5
2001	18	95.4	105.0	101.8	92.5	92.3
2005	12	95.5	105.2	101.2	92.8	93.0
2006	12	95.2	105.7	100.7	92.9	92.8

Tabel: 180 Witrood: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	35	95.9	92.7	103.3	100.0	92.5	92.9	93.5
98.3								
1981	94	94.1	91.7	104.1	98.2	91.1	91.2	92.5
97.6								
1982	141	95.8	92.9	103.1	100.3	93.3	94.0	94.5
98.9								
1983	109	94.7	92.1	102.5	99.1	92.1	92.7	93.3
97.7								
1984	98	95.8	92.7	103.1	100.1	92.4	93.1	93.8
98.1								
1985	215	95.8	93.0	103.2	100.2	92.4	93.2	94.0
98.2								
1986	284	96.3	92.5	104.1	100.5	92.6	92.7	93.3
98.5								
1987	494	96.2	92.1	104.1	100.4	92.7	92.5	93.0
98.4								
1988	667	95.7	92.4	104.4	99.7	92.7	92.7	93.3
98.5								
1989	771	96.0	92.0	104.8	100.2	92.6	92.5	92.9
98.7								
1990	1134	95.7	91.7	104.3	100.5	92.2	92.5	93.1
98.6								
1991	1329	95.8	91.7	103.6	100.8	91.9	92.4	93.1
98.2								

1992 98.1	1341	95.7	92.1	103.8	100.4	91.8	92.6	93.3
1993 97.8	1342	95.5	92.3	103.7	99.8	91.9	92.8	93.4
1994 97.8	1111	96.0	92.2	103.6	100.6	91.7	92.4	93.0
1995 98.1	776	96.1	92.2	103.5	100.9	91.9	92.3	93.1
1996 97.9	246	95.6	91.6	104.0	100.3	91.5	92.1	92.7
1997 98.4	102	95.7	92.1	104.7	99.2	92.8	92.5	92.9
1998 96.8	42	95.2	92.3	103.1	99.6	90.6	91.7	92.9
1999 98.1	27	95.7	92.9	103.7	100.1	92.1	92.9	94.0
2000 98.2	24	95.6	93.1	104.1	99.4	92.4	92.8	93.9
2001 98.0	18	96.4	93.3	103.6	100.8	92.2	93.1	94.1
2005 97.6	12	95.2	93.4	104.0	100.0	91.0	93.2	94.5
2006 97.9	12	96.6	93.7	103.2	101.6	92.0	93.1	94.3

Tabel: 181 Witrood: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	35	89.8	86.5	90.8	88.4	98.5	82.6
1981	94	90.5	87.8	88.1	88.8	99.6	82.1
1982	141	88.0	84.8	91.7	88.4	97.0	82.4
1983	109	89.3	87.8	89.7	89.6	99.1	83.1
1984	98	92.7	89.9	90.8	91.1	99.6	85.7
1985	215	92.2	90.1	90.9	91.2	99.8	85.7
1986	284	93.2	91.3	90.9	91.8	100.2	86.5
1987	494	93.6	91.4	90.7	91.5	100.2	86.3
1988	667	92.9	90.7	90.4	90.9	100.1	85.6
1989	771	93.1	90.8	90.4	91.0	100.4	85.6
1990	1134	93.5	91.0	90.3	90.9	100.5	85.7
1991	1329	93.8	91.2	90.3	91.0	100.5	85.9
1992	1341	93.8	91.4	90.2	91.1	100.6	86.0
1993	1342	93.8	91.6	90.1	90.8	100.7	85.7
1994	1111	95.0	92.5	90.3	91.1	100.9	86.4
1995	776	95.2	92.6	90.5	91.4	100.4	86.7
1996	246	95.5	93.2	89.7	90.9	101.3	86.2

1997	102	95.1	92.1	90.0	89.8	100.1	85.4
1998	42	96.0	93.3	89.1	90.6	101.1	85.8
1999	27	94.9	92.1	90.6	90.9	100.1	86.3
2000	24	95.4	92.5	90.4	90.6	100.2	86.2
2001	18	97.5	94.3	91.3	92.2	100.2	88.4
2005	12	98.1	95.0	90.2	92.8	100.4	88.5
2006	12	97.8	94.3	91.8	91.9	99.7	88.6

Tabel: 182 Witrood: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	1765	102.1	101.5	100.2	100.3	99.9	101.3	87.9	100.9
100.6									
1981	1856	102.2	101.0	99.4	99.8	99.5	101.5	85.5	100.2
100.2									
1982	1751	102.7	100.7	99.4	99.9	99.7	100.5	86.5	100.0
100.0									
1983	1144	102.5	101.1	99.4	100.2	99.6	100.6	86.3	100.2
100.1									
1984	1012	102.5	101.5	99.4	100.5	99.9	100.6	85.8	100.4
100.3									
1985	1386	102.4	101.5	99.4	100.5	99.9	100.6	85.5	100.4
100.2									
1986	1791	102.7	101.1	99.4	100.3	99.9	100.6	84.8	100.2
100.1									
1987	2712	102.5	101.3	99.4	100.4	99.9	99.9	85.0	100.3
100.1									
1988	3710	102.6	101.1	99.2	100.2	99.9	99.7	84.9	100.1
99.9									
1989	4019	102.6	101.1	99.3	100.3	99.9	99.8	85.2	100.1
99.9									
1990	4431	102.7	101.4	99.6	100.6	100.2	100.0	85.3	100.5
100.3									
1991	4993	102.9	101.5	99.9	100.9	100.5	100.4	86.4	100.8
100.6									
1992	4901	102.8	101.4	99.9	100.8	100.5	100.7	86.6	100.7
100.6									
1993	4844	103.1	101.1	99.9	100.7	100.6	100.8	86.6	100.5
100.6									
1994	4530	102.9	101.2	99.9	100.8	100.5	100.3	87.0	100.6
100.5									

1995 100.4	3413	102.4	101.3	99.7	100.6	100.3	100.3	87.4	100.5
1996 100.1	1468	102.2	101.2	99.4	100.5	100.0	99.8	87.3	100.3
1997 99.6	672	101.5	101.1	99.1	100.2	99.4	99.2	87.8	100.0
1998 100.0	466	101.9	101.2	99.4	100.4	99.8	99.8	88.3	100.3
1999 100.1	418	101.8	101.3	99.6	100.6	99.9	99.9	89.3	100.5
2000 100.4	352	101.9	101.6	99.8	100.8	100.2	100.2	89.1	100.7
2001 100.6	331	101.9	101.7	100.0	100.9	100.3	100.7	89.9	100.8
2002 100.7	265	102.0	101.5	100.0	100.9	100.4	100.8	89.7	100.8
2003 100.6	201	101.8	101.8	100.0	101.0	100.3	100.5	89.8	101.0
2004 100.6	235	102.1	101.5	100.0	100.9	100.5	100.3	89.1	100.8
2005 100.5	291	102.0	101.5	99.9	100.8	100.4	100.2	89.2	100.7
2006 100.3	308	101.7	101.5	99.8	100.7	100.1	99.9	89.4	100.7
2007 100.5	330	102.1	101.2	100.1	100.6	100.4	100.2	88.7	100.7
2008 100.1	327	102.2	100.7	99.7	100.1	100.3	99.9	87.4	100.2
2009 99.7	353	101.6	100.7	99.3	99.9	99.8	99.2	87.7	100.0
2010 100.1	361	102.2	100.5	99.6	100.0	100.4	99.9	87.8	100.0
2011 99.7	374	102.1	100.3	99.4	99.7	100.1	99.4	87.3	99.8
2012 99.8	360	101.8	100.6	99.4	99.9	100.0	99.3	87.6	100.0
2013 100.2	387	102.0	101.0	99.8	100.4	100.3	99.5	87.9	100.4
2014 100.1	368	101.8	101.1	99.7	100.4	100.2	99.8	88.4	100.4
2015 100.3	330	101.9	101.4	99.9	100.7	100.3	99.8	88.6	100.6
2016 100.6	365	102.4	101.2	100.1	100.8	100.6	100.2	88.5	100.7
2017 100.6	333	102.3	101.1	100.1	100.7	100.6	100.2	88.9	100.6
2018 100.7	269	102.3	101.1	100.2	100.7	100.7	100.6	88.8	100.7
2019 100.7	282	102.4	101.1	100.3	100.8	100.8	100.4	88.5	100.7



2020	221	102.5	101.3	100.4	101.0	100.9	100.2	88.5	101.0
100.8									
2021	135	102.8	101.2	100.7	101.0	101.2	100.8	89.9	101.1
101.1									
2022	23	102.4	101.7	100.9	101.3	101.0	100.1	90.8	101.5
101.0									

Tabel: 183 Witrood: Gebruikskennmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	27	95.8	0.0	96.6	100.1	101.4
1981	98	95.5	99.5	94.9	98.5	99.8
1982	146	96.7	99.0	95.8	101.1	102.2
1983	109	95.5	99.0	96.9	102.1	103.3
1984	87	96.0	98.9	96.1	100.6	102.6
1985	200	95.7	97.8	96.0	100.4	102.8
1986	276	96.6	99.5	95.5	99.7	102.4
1987	478	96.6	98.9	95.2	99.4	102.2
1988	659	95.8	97.9	95.1	99.2	102.1
1989	747	96.0	98.8	94.9	99.3	102.2
1990	1100	96.1	99.4	95.4	99.7	102.4
1991	1283	97.0	99.1	95.4	99.8	102.2
1992	1266	96.5	98.9	95.6	99.9	102.5
1993	1229	96.7	98.8	95.1	99.4	102.1
1994	982	97.4	99.4	95.2	99.4	101.9
1995	687	97.7	99.8	95.4	99.7	101.8
1996	215	97.0	99.8	95.4	99.5	101.7
1997	78	96.9	98.1	94.7	98.7	100.6
1998	26	97.3	99.5	94.8	99.1	100.5
1999	21	97.4	99.3	94.7	99.0	100.1
2000	22	96.4	98.9	95.0	99.2	100.8
2001	16	97.8	99.4	94.5	98.8	100.0
2005	11	98.5	100.5	94.6	98.3	100.0
2006	10	97.2	99.6	94.4	98.2	99.9

Tabel: 184 Witrood: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
BVK									

1980	591	-158.6	-472.0	0.0	100.9	100.6	90.8	88.4	0.0
0.0									
1981	645	-183.5	-492.8	0.0	99.2	100.2	88.1	88.8	98.0
0.0									
1982	680	-179.8	-495.5	0.0	102.0	100.0	91.7	88.4	99.0
0.0									
1983	494	-181.4	-508.3	0.0	103.1	100.1	89.7	89.6	0.0
0.0									
1984	489	-185.1	-526.3	-227.8	101.9	100.3	90.8	91.1	0.0
0.0									
1985	776	-202.5	-515.4	-408.3	102.0	100.2	90.9	91.2	97.5
75.7									
1986	1198	-201.3	-518.3	-67.5	101.5	100.1	90.9	91.8	97.0
62.6									
1987	2322	-215.6	-508.1	-53.0	101.1	100.1	90.7	91.5	99.3
58.6									
1988	3293	-226.5	-498.3	157.8	101.0	99.9	90.4	90.9	98.6
61.6									
1989	3396	-229.2	-518.5	226.6	101.1	99.9	90.4	91.0	98.8
61.4									
1990	3796	-227.8	-497.4	171.2	101.4	100.3	90.3	90.9	98.5
58.0									
1991	4289	-219.9	-477.1	149.4	101.3	100.6	90.3	91.0	99.3
54.8									
1992	4196	-215.7	-468.1	155.8	101.6	100.6	90.2	91.1	99.3
54.1									
1993	4078	-217.3	-449.3	154.0	101.1	100.6	90.1	90.8	99.2
52.5									
1994	3697	-215.3	-437.4	100.1	101.0	100.5	90.3	91.1	99.1
45.4									
1995	2870	-204.4	-403.5	69.0	101.0	100.4	90.5	91.4	99.1
43.9									
1996	1222	-212.5	-400.8	7.8	100.9	100.1	89.7	90.9	98.8
38.9									
1997	570	-220.4	-387.5	-11.4	99.8	99.6	90.0	89.8	98.8
43.2									
1998	403	-208.1	-374.3	-79.0	100.0	100.0	89.1	90.6	99.0
40.6									
1999	359	-215.2	-353.2	-141.1	99.6	100.1	90.6	90.9	99.0
38.6									
2000	306	-208.0	-349.6	-176.6	100.1	100.4	90.4	90.6	98.8
40.4									
2001	295	-206.3	-328.7	-236.5	99.5	100.6	91.3	92.2	98.8
32.8									
2002	226	-222.8	-341.4	-351.5	99.1	100.7	90.0	92.8	98.7
35.0									
2003	169	-217.2	-330.3	-366.1	99.3	100.6	93.3	90.9	98.5
38.6									

2004	209	-222.4	-331.3	-379.5	99.3	100.6	91.6	92.7	98.2
37.9									
2005	241	-227.1	-344.8	-376.8	99.1	100.5	90.2	92.8	97.9
36.7									
2006	247	-223.1	-324.2	-359.0	99.1	100.3	91.8	91.9	98.0
35.6									
2007	252	-226.6	-330.7	-329.7	98.7	100.5	92.2	94.0	98.1
41.1									
2008	237	-221.3	-329.2	-311.1	99.0	100.1	91.3	91.0	97.9
45.9									
2009	251	-203.7	-315.2	-285.5	99.2	99.7	91.3	91.5	97.6
37.4									
2010	237	-197.6	-309.3	-306.6	99.6	100.1	91.5	89.5	97.7
35.1									
2011	242	-204.5	-321.4	-327.7	99.6	99.7	91.8	91.8	97.7
34.8									
2012	245	-195.4	-313.1	-325.4	99.8	99.8	0.0	0.0	97.5
32.9									
2013	268	-196.3	-328.3	-352.2	99.7	100.2	0.0	0.0	97.5
33.3									
2014	272	-214.1	-330.1	-413.2	98.3	100.1	88.0	88.0	97.5
33.6									
2015	256	-218.5	-337.5	-454.6	98.5	100.3	90.0	92.5	97.7
38.5									
2016	276	-220.2	-332.6	-445.7	98.6	100.6	0.0	0.0	97.7
39.6									
2017	255	-206.5	-311.4	-435.5	98.2	100.6	0.0	0.0	97.8
32.9									
2018	221	-198.6	-308.8	-433.6	97.7	100.7	0.0	0.0	97.8
31.2									
2019	221	-185.9	-316.2	-419.5	98.1	100.7	0.0	0.0	97.8
34.6									
2020	185	-221.9	-346.1	-495.0	97.8	100.8	0.0	0.0	97.8
41.5									
2021	89	-210.7	-307.1	-417.8	97.8	101.1	0.0	0.0	97.9
41.9									

Tabel: 185 Witrood: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1985	11	98.3	98.7	98.3	98.7	100.2	100.9
1990	14	98.0	98.8	98.0	98.8	100.1	100.9
1991	27	98.4	98.9	98.4	98.9	100.7	101.1
1992	18	99.6	99.3	99.6	99.3	101.9	101.7

1993	58	99.6	99.0	99.6	99.0	101.8	101.4
1994	89	100.2	98.8	100.2	98.8	102.0	101.3
1995	57	99.9	98.9	99.9	98.9	102.1	101.8
1997	17	98.7	99.6	98.7	99.6	101.0	101.6
1998	18	99.8	98.9	99.8	98.9	101.7	101.6
1999	22	99.0	99.1	99.0	99.1	101.2	101.5
2000	41	98.8	99.0	98.8	99.0	101.3	101.7
2001	57	98.7	99.3	98.7	99.3	101.1	101.7
2002	49	99.3	99.1	99.3	99.1	101.7	101.9
2003	62	99.3	99.0	99.3	99.0	101.6	101.7
2004	101	98.8	98.9	98.8	98.9	101.2	101.7
2005	152	98.5	98.8	98.5	98.8	101.2	101.5
2006	177	98.7	98.9	98.7	98.9	101.2	101.6
2007	211	98.6	99.1	98.6	99.1	101.1	101.4
2008	297	98.3	99.2	98.3	99.2	100.9	101.3
2009	325	98.4	99.0	98.4	99.0	101.0	101.2
2010	325	98.5	98.9	98.5	98.9	101.2	101.4
2011	377	98.6	98.9	98.6	98.9	101.2	101.3
2012	366	98.6	98.8	98.6	98.8	101.3	101.2
2013	387	98.7	98.7	98.7	98.7	101.4	101.3
2014	367	98.6	98.8	98.6	98.8	101.2	101.3
2015	362	98.9	98.7	98.9	98.7	101.5	101.5
2016	383	98.7	98.8	98.7	98.8	101.3	101.5
2017	359	98.8	98.9	98.8	98.9	101.3	101.5
2018	333	99.2	98.6	99.2	98.6	101.4	101.4
2019	309	99.2	98.7	99.2	98.7	101.3	101.4
2020	272	99.1	98.8	99.1	98.8	101.5	101.4
2021	262	99.1	98.9	99.1	98.9	101.4	101.4
2022	215	98.9	99.0	98.9	99.0	101.4	101.5
2023	208	99.2	99.0	99.2	99.0	101.6	101.6
2024	30	99.0	98.9	99.0	98.9	101.5	101.5

Tabel: 186 Witrood: Geboortekennmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	165	87.2	104.3	116.8	104.8	98.7	103.6
1981	442	85.5	104.3	118.7	106.7	95.9	99.5
1982	633	87.9	104.3	116.4	105.3	97.2	101.6
1983	506	88.2	105.1	116.5	105.0	96.9	102.3
1984	547	85.9	104.7	118.6	106.1	96.6	101.3
1985	911	85.0	105.9	119.9	106.0	95.4	102.2
1986	1277	85.0	105.7	119.7	106.6	95.9	101.4
1987	2191	85.1	105.7	119.9	106.3	96.3	102.8
1988	3281	84.7	105.9	120.1	105.5	96.4	103.5
1989	3800	85.6	105.4	119.1	105.2	96.3	103.2

1990	4263	85.6	105.4	119.3	105.8	96.5	103.2
1991	4703	85.3	105.3	119.8	107.0	96.3	102.2
1992	4485	84.6	105.4	120.4	106.7	96.6	103.1
1993	3942	85.5	105.1	119.3	105.4	96.9	104.0
1994	2303	84.6	105.0	120.1	106.4	96.4	102.6
1995	1481	86.1	104.8	118.9	106.4	96.7	103.2
1996	544	85.7	104.2	119.2	106.0	97.0	103.8
1997	214	84.3	104.7	120.4	105.8	97.7	104.7
1998	115	85.5	104.5	119.4	106.1	97.2	103.3
1999	108	85.7	104.5	119.2	105.9	96.6	103.3
2000	105	85.8	104.2	119.5	107.8	96.2	102.7
2001	100	86.3	104.2	119.2	107.8	97.3	103.3
2002	87	85.8	104.6	119.3	107.3	98.1	103.7
2003	88	86.3	103.8	119.0	107.4	96.9	103.0
2004	121	85.2	103.3	120.4	107.9	96.4	104.0
2005	128	84.8	104.1	120.2	106.7	96.5	103.5
2006	112	85.2	103.6	120.2	107.3	96.3	103.6
2007	202	84.2	104.0	120.8	107.2	96.7	102.7
2008	141	84.4	104.0	120.8	107.7	96.2	102.5
2009	189	83.5	105.2	121.4	106.3	96.3	103.3
2010	205	84.4	105.3	120.6	106.7	96.2	103.4
2011	244	84.4	105.3	120.8	106.8	95.6	103.1
2012	227	83.4	105.4	121.7	106.5	96.3	103.7
2013	204	83.9	105.0	121.1	106.1	95.8	103.8
2014	197	83.1	104.8	121.8	106.7	95.9	103.6
2015	211	83.4	104.5	121.7	106.9	96.0	104.3
2016	172	83.3	105.0	121.8	106.9	96.0	104.2
2017	165	83.4	104.5	121.7	106.8	96.2	104.3
2018	167	83.3	104.1	121.7	106.7	96.0	104.3
2019	167	83.5	105.0	121.5	106.2	96.2	104.5
2020	151	83.4	104.7	121.7	106.9	96.7	104.5
2021	143	82.9	104.8	121.9	106.8	97.3	103.7
2022	100	82.8	104.9	122.0	106.1	96.6	104.3
2023	122	82.4	105.2	122.3	105.6	96.8	104.2
2024	17	82.9	104.9	121.7	104.8	96.9	104.9

Tabel: 187 Witrood: Vleeskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
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1987	12	101.7	106.3	95.5	108.9	103.7	101.9	101.5	99.5	99.8	103.9	96.6
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1989	14	101.6	104.9	95.2	110.7	101.2	103.8	101.6	100.6	98.4	104.6
98.5											
1990	66	102.5	107.3	94.7	111.2	103.4	102.6	102.5	100.0	100.3	104.4
98.2											
1991	199	102.4	108.0	94.8	111.0	104.0	102.4	102.3	99.8	100.5	104.4
97.7											
1992	181	102.3	108.4	94.7	110.5	104.5	102.1	102.0	99.5	101.0	104.0
97.4											
1993	183	101.8	107.3	95.1	110.2	103.3	102.7	101.5	99.7	100.4	104.1
97.7											
1994	295	101.8	106.5	95.4	110.1	102.7	102.8	101.7	99.9	100.0	104.1
98.1											
1995	356	101.6	105.9	95.7	109.2	102.8	102.5	101.6	99.7	100.0	103.9
97.8											
1996	106	101.8	105.2	95.9	109.3	102.2	103.0	101.7	100.0	99.8	104.1
98.4											
1997	67	102.2	104.9	97.4	109.4	102.0	103.1	102.2	100.3	99.5	104.4
98.9											
1998	83	102.0	107.0	96.6	110.0	103.1	103.2	101.7	100.0	100.7	104.7
98.1											
1999	96	101.8	106.6	96.6	110.1	102.7	103.1	101.7	99.8	99.9	104.9
97.7											
2000	123	101.2	105.9	97.1	109.8	101.9	103.4	101.2	100.0	99.5	105.1
97.8											
2001	129	101.0	105.5	97.6	109.5	101.6	103.5	101.0	99.9	99.2	105.1
97.5											
2002	120	100.9	105.1	97.8	109.5	101.1	103.4	101.0	100.0	98.7	105.2
97.5											
2003	125	100.4	105.3	97.6	109.7	100.6	103.9	100.4	100.0	98.7	105.4
97.3											
2004	161	101.0	105.6	97.6	109.3	101.6	103.7	100.8	100.1	99.6	105.1
97.8											
2005	218	100.9	104.9	97.7	108.8	101.5	103.5	100.9	100.1	99.4	104.9
97.4											
2006	208	100.5	105.0	97.8	109.2	100.8	103.9	100.4	100.0	99.1	105.2
97.4											
2007	238	100.1	104.0	98.1	109.0	100.0	104.0	100.3	100.0	98.0	105.1
97.1											
2008	236	100.0	102.9	98.6	108.2	99.9	103.8	100.4	99.8	97.4	104.9
96.7											
2009	258	99.7	103.5	98.6	108.5	99.7	103.9	100.0	99.8	97.5	105.0
96.5											
2010	253	99.2	102.2	98.9	107.2	99.3	103.8	99.5	99.9	96.9	104.9
95.5											
2011	236	99.2	102.2	99.0	107.5	99.0	103.9	99.6	99.9	96.6	105.0
95.6											
2012	216	98.9	102.0	99.6	107.2	98.7	104.1	99.2	99.9	96.4	105.3
95.3											
2013	201	98.7	102.9	99.2	108.2	98.5	104.4	99.1	99.9	96.4	105.4
95.6											

2014	158	99.3	103.7	99.4	108.7	99.1	104.4	99.5	100.0	97.0	105.6
96.1											
2015	78	99.4	104.3	99.6	109.0	99.4	104.7	99.6	100.0	97.2	106.0
96.3											
2016	45	99.7	104.0	99.9	108.8	99.6	104.8	99.6	100.2	97.4	106.5
96.2											
2017	16	98.9	103.2	99.5	108.7	98.6	104.4	99.2	100.1	96.4	105.6
96.1											

Tabel: 188 Witrood: Levensproductiekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	290	-2953.4	-11405.2	-497.0	-427.1
2002	225	-3567.8	-14002.1	-604.2	-512.7
2003	169	-3636.4	-14121.5	-620.1	-519.0
2004	209	-3701.4	-14467.0	-631.7	-527.8
2005	240	-3711.0	-14471.7	-636.2	-528.1
2006	245	-3571.7	-13872.1	-612.7	-508.3
2007	252	-3450.2	-13284.6	-595.3	-489.7
2008	237	-3345.4	-12848.9	-577.0	-475.0
2009	247	-3185.3	-12259.5	-551.4	-451.4
2010	236	-3265.8	-12544.1	-568.3	-461.7
2011	241	-3417.6	-13255.4	-592.4	-483.7
2012	245	-3389.9	-13152.4	-587.3	-479.6
2013	268	-3569.9	-13886.6	-618.8	-505.0
2014	272	-3851.5	-14990.6	-667.9	-544.7
2015	256	-4056.8	-15880.0	-700.7	-574.6
2016	278	-3997.9	-15541.0	-692.7	-565.4
2017	259	-3898.7	-15213.5	-676.6	-551.0
2018	223	-3860.6	-15057.4	-667.5	-547.0
2019	224	-3839.6	-14979.8	-664.5	-543.4
2020	189	-4268.4	-16839.3	-737.1	-604.5
2021	101	-3826.7	-14876.5	-661.1	-542.9

Tabel: 189 Witrood: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	591	97.5	96.3	0	0.0	0.0	0	0.0
1981	645	96.6	95.4	0	0.0	0.0	0	0.0

1982	680	96.9	95.2	0	0.0	0.0	0	0.0
1983	494	96.3	95.2	0	0.0	0.0	0	0.0
1984	489	95.9	95.3	0	0.0	0.0	0	0.0
1985	776	96.0	95.6	613	-4.6	75.7	0	0.0
1986	1198	95.4	95.6	919	-4.4	62.6	0	0.0
1987	2322	94.8	95.7	1291	-4.3	58.6	0	0.0
1988	3293	94.9	95.7	1334	-4.2	61.6	0	0.0
1989	3396	94.8	95.8	1455	-4.3	61.4	0	0.0
1990	3796	94.8	96.2	1668	-4.1	58.0	0	0.0
1991	4289	94.9	96.5	1808	-3.9	54.8	0	0.0
1992	4196	94.5	96.3	1775	-3.9	54.1	0	0.0
1993	4078	94.7	96.5	1607	-3.7	52.5	0	0.0
1994	3697	94.5	96.7	1285	-3.5	45.4	0	0.0
1995	2870	94.7	96.8	947	-3.2	43.9	0	0.0
1996	1222	94.9	96.4	322	-3.1	38.9	0	0.0
1997	570	94.9	96.7	133	-3.0	43.2	0	0.0
1998	403	94.9	96.2	86	-3.1	40.6	0	0.0
1999	359	94.9	96.1	55	-2.9	38.6	0	0.0
2000	306	95.0	96.5	49	-3.1	40.4	0	0.0
2001	295	95.1	96.3	56	-2.9	32.8	18	98.3
2002	226	94.8	96.5	43	-3.0	35.0	9	100.0
2003	169	95.1	96.5	32	-2.7	38.6	9	96.8
2004	209	95.0	96.2	24	-2.8	37.9	7	98.1
2005	241	95.6	96.6	28	-3.0	36.7	12	99.3
2006	247	95.5	96.6	30	-2.5	35.6	12	98.7
2007	252	96.1	96.6	23	-2.9	41.1	5	99.8
2008	237	96.7	97.0	25	-2.9	45.9	6	98.3
2009	251	96.5	96.6	66	-2.6	37.4	6	98.7
2010	237	96.1	96.7	58	-2.6	35.1	2	98.5
2011	242	96.1	96.9	66	-2.7	34.8	5	99.4
2012	245	96.4	97.2	78	-2.4	32.9	0	0.0
2013	268	96.2	96.7	108	-2.7	33.3	0	0.0
2014	272	95.7	96.2	105	-2.8	33.6	1	98.0
2015	256	95.3	95.9	93	-3.0	38.5	2	101.5
2016	276	95.4	96.0	87	-2.9	39.6	0	0.0
2017	255	95.4	96.2	108	-2.5	32.9	0	0.0
2018	221	95.7	95.9	111	-2.5	31.2	0	0.0
2019	221	96.4	96.2	138	-2.6	34.6	0	0.0
2020	185	94.9	96.0	86	-2.7	41.5	0	0.0
2021	89	95.0	95.4	36	-2.4	41.9	0	0.0

Tabel: 190 Witrood: Stofwisselingsaandoeningen

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1985	17	99.6	0	0.0	0	0.0	17	93.9



1986	10	99.5	0	0.0	0	0.0	10	93.6
1987	36	99.1	0	0.0	0	0.0	36	91.5
1988	41	99.1	0	0.0	0	0.0	41	91.2
1989	40	99.3	0	0.0	0	0.0	40	92.5
1990	108	99.3	0	0.0	0	0.0	108	92.6
1991	182	99.3	0	0.0	0	0.0	182	93.1
1992	174	99.3	0	0.0	0	0.0	174	92.9
1993	157	99.6	0	0.0	0	0.0	157	93.8
1994	214	99.5	0	0.0	0	0.0	214	93.6
1995	232	99.4	0	0.0	0	0.0	232	93.1
1996	78	99.5	0	0.0	0	0.0	78	93.8
1997	44	99.6	0	0.0	0	0.0	44	93.7
1998	45	99.4	0	0.0	0	0.0	45	93.1
1999	44	99.7	0	0.0	0	0.0	44	94.4
2000	53	99.6	0	0.0	0	0.0	53	94.0
2001	72	99.6	0	0.0	0	0.0	72	93.9
2002	59	99.6	0	0.0	0	0.0	59	94.2
2003	60	99.4	0	0.0	0	0.0	60	93.3
2004	81	99.5	0	0.0	0	0.0	81	93.2
2005	108	99.5	0	0.0	0	0.0	108	93.6
2006	128	99.6	0	0.0	0	0.0	128	93.8
2007	145	99.6	0	0.0	0	0.0	145	94.1
2008	161	99.6	0	0.0	0	0.0	161	94.3
2009	212	99.6	0	0.0	0	0.0	212	94.1
2010	230	99.6	0	0.0	0	0.0	230	94.2
2011	234	99.8	0	0.0	0	0.0	234	95.2
2012	238	99.7	0	0.0	0	0.0	238	94.7
2013	263	99.7	0	0.0	0	0.0	263	94.8
2014	259	99.7	0	0.0	0	0.0	259	95.1
2015	251	99.7	0	0.0	0	0.0	251	95.1
2016	269	99.7	0	0.0	0	0.0	269	95.2
2017	255	99.7	0	0.0	0	0.0	255	94.8
2018	218	99.7	0	0.0	0	0.0	218	94.6
2019	215	99.7	0	0.0	0	0.0	215	94.7
2020	172	99.5	0	0.0	0	0.0	172	93.9
2021	91	99.6	0	0.0	0	0.0	91	94.8

Tabel: 191 Witblauw: Melkproductiekenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	129	-2179.1	-102.5	-83.8	-100.8	-12.3	-7.5	-1.2	-589.1
1981	93	-2149.5	-103.8	-83.8	-99.5	-19.1	-10.3	-1.2	-591.1
1982	84	-2348.0	-110.5	-89.9	-108.5	-14.6	-7.6	-1.1	-633.3
1983	105	-2305.2	-110.9	-89.3	-106.5	-19.8	-9.9	-1.1	-631.1
1984	94	-2416.4	-113.1	-92.1	-111.7	-13.6	-6.8	-1.0	-648.5

1985	101	-2430.2	-116.0	-93.3	-112.3	-19.2	-8.7	-1.2	-660.0
1986	114	-2511.2	-120.1	-95.2	-115.9	-21.2	-6.0	-0.9	-677.3
1987	117	-2468.6	-120.3	-94.3	-114.0	-26.0	-7.4	-1.0	-673.4
1988	110	-2591.9	-125.3	-99.0	-119.6	-26.1	-8.6	-0.9	-705.2
1989	115	-2534.2	-123.1	-96.7	-117.0	-26.2	-8.1	-0.9	-690.3
1990	80	-2350.2	-117.4	-91.2	-108.6	-31.0	-10.2	-1.0	-653.1
1991	59	-2523.4	-122.9	-95.8	-116.6	-27.1	-6.3	-1.1	-685.9
1992	25	-2430.2	-116.2	-92.4	-112.3	-20.0	-6.7	-1.2	-656.7
1993	36	-2417.8	-119.4	-92.2	-111.6	-28.7	-6.6	-0.9	-662.6
1994	34	-2431.5	-122.9	-91.8	-112.3	-36.2	-4.1	-0.9	-668.1
1995	36	-2329.5	-119.5	-88.5	-107.7	-38.9	-6.0	-1.2	-646.1
1996	18	-2275.6	-116.1	-87.2	-105.2	-34.8	-6.3	-1.2	-632.9
1997	32	-2148.3	-112.2	-84.7	-99.3	-38.6	-12.2	-1.1	-612.9
1998	22	-2183.7	-114.2	-85.0	-101.0	-40.2	-9.6	-1.1	-618.8
1999	19	-2166.2	-114.6	-84.0	-100.3	-42.7	-9.2	-1.2	-615.3
2000	12	-2091.3	-109.1	-82.1	-96.8	-35.9	-11.2	-1.1	-594.7
2004	10	-1901.7	-98.8	-74.6	-77.0	-32.6	-8.8	27.8	-536.4

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

Tabel: 192 Witblauw: Vruchtbaarheidskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	124	95.6	104.2	97.4	102.2	95.3	92.6	117.2	100.5
96.7									
1981	118	95.9	103.6	97.3	101.6	95.5	93.0	115.8	100.2
96.7									
1982	99	95.4	103.8	97.1	101.6	95.2	92.5	115.6	100.1
96.5									
1983	181	95.4	103.6	96.9	101.3	95.0	92.8	116.0	99.9
96.4									
1984	210	95.1	103.7	97.0	101.4	94.9	92.9	116.2	100.0
96.3									
1985	257	95.4	103.5	97.0	101.4	95.1	93.2	116.4	99.9
96.4									
1986	371	95.6	103.7	97.3	101.5	95.3	93.4	116.3	100.2
96.7									
1987	558	96.0	103.1	97.5	101.3	95.6	94.2	116.7	100.0
97.0									
1988	790	95.8	103.1	97.4	101.3	95.5	94.1	116.7	100.0
96.9									
1989	1246	95.8	103.1	97.6	101.4	95.6	94.2	116.7	100.1
97.0									

1990 97.0	1797	95.8	103.0	97.5	101.3	95.6	94.3	116.0	100.0
1991 96.9	2339	95.6	103.0	97.4	101.2	95.5	94.3	115.7	99.9
1992 96.7	2752	95.4	102.6	97.4	100.9	95.5	94.0	114.8	99.7
1993 96.8	3115	95.4	102.6	97.4	100.9	95.5	94.2	114.3	99.7
1994 96.6	3583	95.3	102.4	97.2	100.7	95.4	94.2	112.8	99.5
1995 96.7	3895	95.5	102.2	97.3	100.6	95.6	94.3	112.1	99.5
1996 96.8	3846	95.6	102.0	97.4	100.5	95.8	94.4	111.2	99.5
1997 96.8	3814	95.7	101.9	97.5	100.4	95.8	94.5	110.7	99.4
1998 96.9	4027	95.8	101.8	97.6	100.4	96.0	94.6	109.5	99.5
1999 97.0	4497	95.8	101.6	97.6	100.3	96.0	94.8	108.7	99.4
2000 97.1	4647	95.9	101.5	97.7	100.2	96.2	95.1	107.6	99.4
2001 97.1	4185	96.0	101.4	97.7	100.1	96.3	95.2	106.1	99.3
2002 97.3	4346	96.3	101.3	97.9	100.1	96.6	95.5	105.4	99.4
2003 97.5	4544	96.5	101.2	98.0	100.1	96.8	95.9	104.7	99.4
2004 97.5	4943	96.6	101.0	98.0	100.0	96.8	96.1	103.9	99.3
2005 97.7	4842	96.8	101.0	98.1	100.1	97.1	96.5	102.8	99.3
2006 97.8	5023	97.0	100.7	98.1	99.9	97.2	96.7	101.9	99.2
2007 97.9	5104	97.3	100.5	98.2	99.7	97.4	97.1	100.9	99.1
2008 98.3	6552	97.8	100.5	98.5	99.9	97.8	98.0	102.1	99.3
2009 98.4	5976	97.8	100.3	98.5	99.8	97.8	98.2	102.8	99.2
2010 98.6	5699	98.0	100.1	98.6	99.7	98.0	98.8	101.8	99.2
2011 99.0	5867	98.5	99.9	98.9	99.7	98.5	99.5	101.3	99.3
2012 99.2	5701	98.9	99.8	99.1	99.7	98.8	99.8	101.1	99.3
2013 99.3	5599	99.1	99.6	99.2	99.6	98.9	100.3	101.1	99.3
2014 99.5	5949	99.4	99.4	99.4	99.6	99.2	100.6	101.3	99.3

2015 99.6	5870	99.6	99.3	99.5	99.6	99.3	100.6	101.1	99.3
2016 99.7	5907	99.8	99.2	99.7	99.6	99.5	100.7	100.9	99.4
2017 99.7	5642	99.9	99.2	99.7	99.6	99.6	100.7	100.5	99.4
2018 99.6	5748	99.9	99.1	99.6	99.5	99.6	100.4	100.3	99.3
2019 99.6	5416	99.9	99.1	99.6	99.5	99.6	100.2	100.1	99.3
2020 99.6	4801	100.0	99.0	99.6	99.4	99.7	100.3	100.0	99.2
2021 99.6	4024	99.9	99.1	99.7	99.5	99.6	100.3	100.2	99.3
2022 99.7	1737	99.8	99.2	99.7	99.6	99.6	100.4	100.4	99.4

Tabel: 193 Witblauw: NVI met onderliggende kenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980 0.0	129	-200.8	-589.1	0.0	100.9	96.7	0.0	0.0	0.0
1981 0.0	93	-204.4	-591.1	0.0	101.2	96.7	0.0	0.0	0.0
1982 0.0	84	-220.3	-633.3	-226.0	101.0	96.5	0.0	0.0	0.0
1983 0.0	105	-221.2	-631.1	0.0	101.0	96.4	0.0	0.0	0.0
1984 0.0	94	-227.4	-648.5	-226.0	101.5	96.3	0.0	0.0	0.0
1985 0.0	101	-233.7	-660.0	0.0	101.1	96.4	0.0	0.0	0.0
1986 0.0	114	-238.1	-677.3	0.0	101.0	96.7	0.0	0.0	0.0
1987 0.0	117	-238.8	-673.4	0.0	101.3	97.0	0.0	0.0	0.0
1988 0.0	110	-248.7	-705.2	400.0	101.6	96.9	107.5	95.0	97.0
1989 0.0	115	-245.0	-690.3	0.0	101.4	97.0	108.0	96.5	0.0

1990	80	-228.6	-653.1	311.0	101.4	97.0	108.7	97.3	99.0
0.0									
1991	59	-240.3	-685.9	303.5	101.2	96.9	108.3	97.0	0.0
0.0									
1992	25	-226.6	-656.7	326.0	101.5	96.7	108.0	96.0	96.0
0.0									
1993	36	-237.5	-662.6	296.0	101.3	96.8	108.0	96.5	0.0
0.0									
1994	34	-239.4	-668.1	453.0	101.3	96.6	110.0	98.0	0.0
0.0									
1995	36	-223.0	-646.1	423.0	101.7	96.7	108.3	96.0	95.5
0.0									
1996	18	-224.5	-632.9	356.0	101.2	96.8	106.2	96.0	97.0
0.0									
1997	32	-218.9	-612.9	0.0	101.5	96.8	108.2	96.2	0.0
0.0									
1998	22	-215.5	-618.8	400.0	101.4	96.9	108.8	95.8	96.0
0.0									
1999	19	-220.3	-615.3	0.0	101.2	97.0	107.0	96.0	96.0
0.0									
2000	12	-217.3	-594.7	334.0	100.9	97.1	107.6	95.8	98.7
0.0									
2004	10	-204.9	-536.4	458.0	100.6	97.5	109.0	97.0	98.0
0.0									

Tabel: 194 Witblauw: Levensvatbaarheidskenmerken  
Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1987	23	90.4	0.0	90.4	0.0	89.9	0.0
1988	37	90.7	101.0	90.7	101.0	89.4	104.5
1989	42	90.7	0.0	90.7	0.0	90.0	0.0
1990	51	90.7	100.0	90.7	100.0	90.2	104.0
1991	48	91.0	0.0	91.0	0.0	90.1	0.0
1992	60	91.1	100.5	91.1	100.5	90.1	104.0
1993	47	91.0	0.0	91.0	0.0	90.2	0.0
1994	69	91.4	0.0	91.4	0.0	90.5	0.0
1995	58	91.2	100.0	91.2	100.0	90.4	103.0
1996	46	91.0	100.0	91.0	100.0	90.2	104.0
1997	49	91.9	0.0	91.9	0.0	91.4	0.0
1998	55	91.9	0.0	91.9	0.0	91.3	0.0
1999	65	91.6	101.5	91.6	101.5	91.3	104.5
2000	91	91.8	101.5	91.8	101.5	91.1	104.5
2001	75	91.9	0.0	91.9	0.0	91.2	0.0
2002	61	91.9	102.5	91.9	102.5	91.3	105.5

2003	64	91.8	99.0	91.8	99.0	91.0	103.5
2004	61	92.0	103.0	92.0	103.0	91.6	105.0
2005	54	92.8	99.0	92.8	99.0	92.2	103.0
2006	47	92.9	99.0	92.9	99.0	92.3	104.0
2007	62	92.8	100.0	92.8	100.0	92.1	103.0
2008	44	93.2	101.0	93.2	101.0	92.6	104.0
2009	44	93.5	100.0	93.5	100.0	93.4	104.0
2010	52	93.2	100.0	93.2	100.0	92.8	104.0
2011	62	93.2	0.0	93.2	0.0	92.5	0.0
2012	52	92.9	99.0	92.9	99.0	91.9	103.0
2013	42	93.0	0.0	93.0	0.0	91.9	0.0
2014	31	92.8	101.0	92.8	101.0	92.5	104.0
2015	32	92.8	99.5	92.8	99.5	92.5	103.5
2016	17	94.0	0.0	94.0	0.0	93.5	0.0

Tabel: 195 Witblauw: Geboortekenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	23	103.5	100.1	96.3	100.0	105.0	95.0
1981	25	104.6	100.5	95.6	99.0	106.5	99.5
1982	25	107.3	99.5	93.4	104.7	104.7	93.3
1983	41	106.3	99.8	93.8	102.5	101.8	92.9
1984	44	107.3	99.5	92.8	102.7	101.9	93.4
1985	54	106.8	99.3	93.3	102.3	101.9	93.8
1986	85	107.8	99.6	92.2	102.7	101.9	93.7
1987	120	105.8	100.1	93.7	102.8	101.5	92.5
1988	165	105.5	100.1	94.1	101.7	102.1	93.8
1989	221	106.5	99.8	93.0	101.0	102.4	94.5
1990	316	106.9	99.6	92.7	101.3	102.0	94.0
1991	296	107.0	99.6	92.6	100.4	102.0	95.3
1992	394	106.7	99.6	92.8	100.3	101.8	95.6
1993	394	106.4	99.5	93.0	99.7	101.6	95.9
1994	464	106.0	99.4	93.3	100.0	101.9	96.2
1995	504	106.0	99.4	93.2	100.0	101.7	96.0
1996	548	105.5	99.2	93.7	100.0	101.6	96.0
1997	578	105.4	99.3	93.7	100.2	101.5	95.7
1998	704	105.9	99.0	93.3	100.2	101.2	95.6
1999	794	105.3	99.2	93.8	100.1	101.0	95.5
2000	947	105.1	99.2	94.0	100.1	101.1	95.7
2001	884	104.9	99.3	94.2	100.4	100.7	95.0
2002	1058	104.4	99.6	94.6	100.5	100.9	94.8
2003	1140	104.3	99.5	94.7	99.9	100.8	95.5
2004	1343	104.2	99.4	94.8	99.7	100.5	95.7
2005	1531	104.2	99.3	94.7	99.4	100.5	95.9
2006	1847	103.8	99.3	95.2	99.6	100.2	95.7

2007	2104	103.0	99.6	95.8	99.2	100.0	96.0
2008	2350	104.8	99.6	94.1	98.2	99.9	97.1
2009	2806	103.6	99.6	95.2	98.1	100.5	97.4
2010	3031	103.6	99.6	95.0	97.5	100.4	97.6
2011	3271	102.7	99.8	96.0	97.8	100.1	97.5
2012	3392	102.3	99.9	96.7	98.0	100.1	98.4
2013	3162	101.9	100.1	97.3	97.8	100.3	99.6
2014	3303	101.5	100.2	98.2	98.0	100.2	100.6
2015	3205	100.9	100.3	98.9	98.3	100.1	100.8
2016	3162	100.7	100.6	99.3	98.3	100.2	101.4
2017	3106	100.3	100.4	99.7	98.8	100.0	100.9
2018	3054	100.1	100.3	99.9	99.2	99.6	100.5
2019	2848	100.1	100.2	100.0	99.3	99.5	100.3
2020	2557	100.4	100.1	99.8	99.6	99.6	100.3
2021	2478	100.3	100.0	99.8	99.9	99.5	99.7
2022	1878	99.6	99.7	100.5	100.4	99.7	98.9
2023	1888	100.9	99.5	99.3	100.3	100.1	99.2
2024	349	100.0	99.7	100.2	101.2	99.9	98.2

Tabel: 196 Witblauw: Vleeskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	10	98.6	90.2	95.9	96.4	98.2	99.8	101.2	98.3	93.4	97.7	98.5
1981	16	96.7	89.1	95.2	97.9	94.0	101.1	99.6	98.6	92.0	97.5	99.9
1982	14	98.6	91.0	96.6	97.9	97.4	100.6	100.7	99.6	92.6	98.5	98.5
1983	31	97.1	85.8	96.0	93.8	95.8	99.6	100.1	98.2	91.8	97.6	96.8
1984	39	96.2	81.4	95.8	92.6	93.1	99.4	100.1	97.7	89.5	96.8	97.7
1985	47	96.0	82.1	96.2	93.0	92.9	99.5	99.8	97.7	90.4	96.9	98.0
1986	72	96.6	81.7	95.7	92.4	93.6	99.0	100.3	97.9	90.8	96.6	98.0
1987	125	97.4	85.6	96.6	95.1	95.6	100.4	100.3	98.6	92.0	98.0	98.5
1988	185	97.6	85.9	96.6	95.3	95.6	100.2	100.6	98.5	92.2	98.0	98.8
1989	262	97.9	87.1	96.5	96.1	95.7	100.1	100.7	99.3	91.9	98.1	97.9

1990	349	98.0	88.3	96.3	96.3	96.4	100.4	100.2	100.1	92.3	98.5
97.1											
1991	374	98.1	88.6	96.5	96.3	96.4	99.8	100.7	99.5	92.3	98.2
97.1											
1992	556	98.4	90.4	96.8	96.9	97.3	99.9	100.7	99.3	93.4	98.4
97.2											
1993	611	98.9	91.3	96.8	97.4	98.3	99.9	101.1	99.4	94.0	98.5
97.6											
1994	837	99.0	92.1	97.1	98.2	97.9	100.0	100.9	100.2	94.1	98.8
97.9											
1995	1046	98.8	92.0	97.2	97.9	98.0	100.1	100.8	99.9	94.2	98.8
97.8											
1996	1152	99.2	93.2	97.4	98.8	98.5	100.4	100.9	100.3	94.6	99.1
98.1											
1997	1268	99.4	93.8	97.4	98.7	98.9	100.3	100.9	100.4	95.3	99.0
98.2											
1998	1676	99.2	94.6	97.6	99.1	99.0	100.4	100.6	100.4	95.4	99.1
98.0											
1999	2149	99.4	95.2	97.6	99.3	99.4	100.4	100.7	100.4	95.7	99.2
97.7											
2000	2644	99.9	96.4	98.0	99.5	100.4	100.3	100.9	100.5	96.4	99.3
97.6											
2001	2766	100.1	96.8	98.1	99.6	100.8	100.4	100.9	100.8	96.7	99.4
97.6											
2002	3363	99.9	97.4	98.4	99.6	101.0	100.5	100.7	100.7	97.0	99.4
97.3											
2003	3755	100.1	98.0	98.6	99.7	101.3	100.6	100.7	100.9	97.3	99.5
97.5											
2004	4165	100.2	98.5	98.8	99.9	101.6	100.6	100.7	101.0	97.7	99.5
97.8											
2005	4283	100.2	98.9	99.1	100.0	101.8	100.5	100.7	100.8	98.0	99.5
97.9											
2006	4472	100.3	99.5	99.2	100.4	101.9	100.6	100.7	100.9	98.1	99.6
97.7											
2007	4528	100.1	100.1	99.2	100.6	101.6	100.6	100.5	100.8	98.3	99.6
97.8											
2008	5561	98.6	98.2	99.2	99.6	99.2	99.9	99.6	100.2	97.2	99.2
97.5											
2009	5188	98.8	99.4	99.4	100.5	99.1	100.4	99.6	100.5	97.7	99.3
98.1											
2010	5030	99.2	100.7	99.5	101.3	99.8	100.6	99.9	100.5	98.3	99.4
98.6											
2011	4758	98.9	101.1	99.6	101.4	99.2	100.5	99.5	100.7	98.3	99.3
98.5											
2012	4608	98.7	101.5	99.7	101.6	98.9	100.6	99.3	100.7	98.4	99.4
98.5											
2013	4336	98.4	101.7	99.8	101.8	98.5	100.6	99.0	100.7	98.4	99.3
98.5											
2014	4410	98.2	101.7	99.9	102.0	98.0	100.7	98.9	100.6	98.3	99.3
98.7											



2015	3969	98.0	101.9	100.1	102.0	98.1	100.8	98.6	100.6	98.5	99.4
98.4											
2016	2996	97.9	102.0	100.3	101.7	98.3	100.8	98.4	100.6	98.6	99.4
98.1											
2017	1494	98.2	102.1	100.6	101.5	98.7	100.8	98.6	100.6	98.9	99.4
98.2											
2018	855	98.5	102.3	100.7	101.8	99.1	100.9	98.9	100.6	99.1	99.6
98.5											
2019	551	98.7	102.0	100.8	101.5	99.1	100.8	99.2	100.6	98.9	99.5
98.5											
2020	222	97.6	100.8	101.4	99.7	98.6	100.6	98.1	100.1	98.7	99.4
97.3											
2021	11	94.9	95.5	101.6	97.1	94.6	100.2	96.2	99.6	96.2	98.5
95.4											

Tabel: 197 Witblauw: Overige productie en efficiency kenm.  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	129	99.9	93.4	0	0.0	0.0	0	0.0
1981	93	99.7	93.6	0	0.0	0.0	0	0.0
1982	84	99.7	94.6	0	0.0	0.0	0	0.0
1983	104	100.4	94.4	0	0.0	0.0	0	0.0
1984	94	99.4	94.9	0	0.0	0.0	0	0.0
1985	101	100.1	94.9	0	0.0	0.0	0	0.0
1986	114	99.5	95.6	0	0.0	0.0	0	0.0
1987	117	99.2	96.4	0	0.0	0.0	0	0.0
1988	110	98.6	96.3	0	0.0	0.0	0	0.0
1989	115	98.7	96.7	0	0.0	0.0	0	0.0
1990	80	98.5	97.2	0	0.0	0.0	0	0.0
1991	59	98.3	97.2	0	0.0	0.0	0	0.0
1992	25	99.2	97.2	0	0.0	0.0	0	0.0
1993	36	98.2	97.8	0	0.0	0.0	0	0.0
1994	34	98.6	97.6	0	0.0	0.0	0	0.0
1995	36	98.7	98.0	0	0.0	0.0	0	0.0
1996	18	98.6	97.8	0	0.0	0.0	0	0.0
1997	32	99.3	97.2	0	0.0	0.0	0	0.0
1998	22	98.4	96.9	0	0.0	0.0	0	0.0
1999	19	98.6	96.7	0	0.0	0.0	0	0.0
2000	12	99.2	96.8	0	0.0	0.0	0	0.0
2004	10	97.5	96.5	0	0.0	0.0	0	0.0

Tabel: 198 Witblauw: Stofwisselingsaandoeningen

Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	13	100.0	0	0.0	0	0.0	13	97.8
1990	15	100.0	0	0.0	0	0.0	15	98.1
1994	14	100.0	0	0.0	0	0.0	14	97.9
1995	23	100.0	0	0.0	0	0.0	23	97.8
1996	13	100.0	0	0.0	0	0.0	13	97.5
1997	14	100.0	0	0.0	0	0.0	14	98.2
1998	12	100.0	0	0.0	0	0.0	12	97.8
1999	21	100.0	0	0.0	0	0.0	21	98.2
2000	30	100.0	0	0.0	0	0.0	30	98.6
2001	18	100.0	0	0.0	0	0.0	18	98.3
2002	12	100.0	0	0.0	0	0.0	12	98.7
2003	15	100.0	0	0.0	0	0.0	15	97.8
2004	17	100.0	0	0.0	0	0.0	17	98.8
2006	16	100.0	0	0.0	0	0.0	16	96.8
2008	10	100.0	0	0.0	0	0.0	10	98.8
2009	13	100.0	0	0.0	0	0.0	13	96.2
2010	15	100.0	0	0.0	0	0.0	15	97.9
2011	11	100.0	0	0.0	0	0.0	11	98.5

Tabel: 199 Brand rood: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
2011	12	98.8	100.0	97.9	98.9	98.7	99.0	92.2	98.8
98.6									

Tabel: 200 Fleck Vieh: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1987	19	-118.1	-17.7	-13.5	-6.5	-19.6	-14.4	-1.7	-94.9
1989	10	-53.1	-12.0	-12.5	-3.7	-14.9	-16.4	-2.0	-77.6
1990	23	-65.8	-15.1	-11.1	-4.2	-19.0	-13.4	-1.9	-78.7

1991	18	5.7	-14.5	-9.6	-1.0	-22.7	-15.2	-1.9	-70.2
1992	24	40.5	-15.4	-10.2	0.6	-26.3	-17.9	-2.0	-74.2
1993	26	-32.9	-18.2	-12.2	-2.8	-26.2	-16.9	-2.1	-89.0
1994	36	90.8	-12.9	-8.2	2.9	-25.8	-17.7	-2.0	-60.0
1995	53	34.9	-8.9	-7.8	0.3	-16.2	-13.9	-2.0	-50.4
1996	37	-105.2	-17.0	-12.5	-6.1	-19.6	-13.6	-2.0	-89.0
1997	53	-10.3	-14.3	-10.2	-1.7	-21.5	-15.3	-2.0	-72.5
1998	58	-83.1	-16.1	-12.7	-5.0	-19.7	-14.9	-1.9	-87.3
1999	80	63.4	-12.1	-8.3	1.6	-23.1	-16.2	-1.9	-58.9
2000	57	-72.6	-17.2	-12.2	-4.6	-22.0	-15.0	-2.0	-87.7
2001	107	-147.7	-20.1	-14.3	-8.0	-21.2	-13.8	-1.8	-103.3
2002	119	-256.0	-23.3	-19.1	-13.0	-19.3	-15.5	-1.9	-131.1
2003	87	-138.3	-20.4	-16.0	-7.6	-22.3	-17.1	-2.0	-110.8
2004	93	-3.0	-14.3	-10.0	-1.4	-21.9	-15.2	-1.9	-71.3
2005	140	-2.6	-12.4	-9.7	-1.6	-18.8	-14.6	-2.4	-66.3
2006	172	63.6	-12.0	-8.0	1.1	-22.6	-15.7	-2.9	-57.8
2007	84	361.8	3.0	2.6	15.6	-18.9	-15.6	-1.5	21.5
2008	124	226.1	-4.0	-1.7	8.3	-20.7	-14.8	-3.3	-13.0
2009	135	286.3	-0.4	0.4	11.5	-19.2	-14.7	-2.5	4.3
2010	100	224.1	-3.6	-2.8	9.2	-20.0	-16.3	-1.7	-16.3
2011	66	341.9	0.2	1.2	13.7	-21.8	-16.4	-3.0	9.6
2012	81	487.8	7.4	7.9	20.4	-20.3	-14.2	-3.0	54.0
2013	97	736.6	18.2	15.2	31.8	-19.8	-16.1	-2.9	110.2
2014	90	643.3	12.7	11.5	27.5	-22.2	-16.9	-3.0	82.1
2015	77	778.3	16.5	14.6	33.7	-24.5	-19.1	-2.9	104.6
2016	113	807.9	15.4	14.3	33.7	-27.5	-20.6	-4.7	101.3
2017	111	891.3	18.3	17.4	37.1	-28.5	-20.6	-5.3	120.8
2018	89	955.3	22.9	19.6	38.6	-25.8	-20.7	-7.2	140.0
2019	107	1000.5	24.5	21.1	41.5	-26.4	-20.8	-6.1	150.6
2020	87	1208.3	28.0	24.9	50.9	-33.4	-25.3	-6.1	176.2
2021	45	1241.2	31.3	27.9	51.3	-30.5	-22.9	-7.4	195.6

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

Tabel: 201 Fleck Vieh: Exterieurkenmerken bouw

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1990	16	103.8	102.7	100.7	94.7	104.9	100.8	94.1
1992	14	104.4	103.1	100.3	94.6	105.5	102.0	93.9
1993	16	104.3	102.7	100.4	94.6	105.7	102.2	93.2
1994	25	103.3	104.5	101.0	94.1	106.6	102.1	93.3
1995	35	103.2	104.3	100.4	94.3	106.5	100.0	92.9
1996	21	103.8	104.6	100.1	93.7	107.5	101.8	92.8
1997	29	103.3	104.1	100.1	93.8	107.1	100.9	93.1
1998	32	102.7	103.4	100.1	94.0	106.0	101.0	93.1
1999	50	103.7	103.4	100.6	94.4	105.8	101.4	93.1

2000	30	102.8	103.4	100.1	93.4	106.4	101.3	93.7
2001	44	103.1	103.9	101.0	94.6	105.8	99.9	93.6
2002	34	102.7	104.5	100.2	93.1	107.3	100.8	92.5
2003	38	103.3	103.6	100.1	93.9	106.1	101.4	93.1
2004	32	103.4	104.2	100.1	93.7	106.3	100.3	93.2
2005	42	103.5	103.4	100.0	93.6	105.6	101.8	92.7
2006	53	104.0	103.7	100.2	93.7	105.8	101.6	93.9
2007	36	104.3	103.8	100.8	94.2	105.8	101.3	95.0
2008	43	103.2	103.2	99.9	93.9	106.0	101.3	93.0
2009	53	104.4	103.1	101.0	95.0	104.5	100.9	93.9
2010	23	104.6	103.4	101.1	94.7	105.5	102.1	94.1
2011	19	103.3	102.7	100.2	93.8	105.2	100.7	93.2
2012	19	103.9	104.1	101.1	93.9	105.9	101.4	94.0
2013	61	104.6	102.4	101.1	95.8	104.5	101.1	94.7
2014	23	104.5	103.7	101.5	95.5	105.4	101.3	94.5
2015	14	104.9	104.9	102.9	96.1	105.9	101.0	95.0
2016	28	104.0	103.3	102.0	96.2	105.1	101.8	95.3
2017	27	104.6	103.3	101.8	96.1	104.9	102.6	93.2
2018	20	106.2	103.8	103.6	97.5	104.5	101.3	94.8
2019	26	105.3	102.7	102.1	97.2	104.5	103.1	93.5
2020	14	106.4	102.9	104.2	100.1	102.8	102.7	95.4

Tabel: 202 Fleck Vieh: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1990	16	98.3	96.9	110.2	101.6	98.1
1992	14	98.1	95.6	112.1	102.4	97.6
1993	16	99.9	95.2	112.7	103.1	99.2
1994	25	100.4	95.4	113.0	104.0	99.6
1995	35	98.4	94.9	113.2	103.2	98.2
1996	21	99.4	94.8	113.3	104.3	98.8
1997	29	99.0	94.9	113.6	103.7	98.1
1998	32	99.8	95.1	113.2	103.2	99.1
1999	50	99.6	95.3	112.8	103.1	98.9
2000	30	99.7	95.3	113.1	103.2	99.1
2001	44	99.5	95.9	112.1	103.4	99.1
2002	34	99.6	95.2	113.2	104.0	99.0
2003	38	98.7	95.7	112.4	102.5	98.2
2004	32	98.8	95.3	112.3	102.6	98.6
2005	42	98.7	95.9	111.5	102.1	98.3
2006	53	97.9	96.0	111.5	102.5	97.7
2007	36	99.4	95.8	112.5	102.8	99.1
2008	43	99.2	95.2	112.8	102.8	98.8
2009	53	98.5	97.3	109.9	102.5	98.6
2010	23	98.4	96.7	111.6	102.4	98.4

2011	19	98.3	96.6	110.5	101.7	98.1
2012	19	99.0	95.9	112.0	103.4	98.7
2013	61	98.9	97.6	110.4	102.0	98.4
2014	23	98.9	96.6	111.1	102.6	98.8
2015	14	99.0	97.5	110.4	103.7	98.4
2016	28	99.0	98.2	110.0	103.5	99.4
2017	27	99.1	96.6	111.4	103.3	98.5
2018	20	98.6	96.7	111.8	102.8	98.2
2019	26	99.5	97.7	110.9	102.9	99.3
2020	14	100.1	97.9	110.6	103.7	99.6

Tabel: 203 Fleck Vieh: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1990	16	98.3	98.2	103.1	99.8	93.3	96.9	96.2
100.2								
1992	14	97.9	97.6	101.9	99.4	93.0	96.4	95.6
98.8								
1993	16	97.8	97.8	101.9	99.2	93.2	97.1	96.1
99.5								
1994	25	97.6	98.0	103.3	98.6	92.9	97.5	96.4
99.9								
1995	35	98.4	97.8	101.5	99.6	93.0	96.8	95.5
99.3								
1996	21	99.2	99.0	101.8	100.4	92.8	97.0	96.1
100.2								
1997	29	99.2	98.7	101.3	100.2	93.2	97.0	96.0
99.7								
1998	32	97.9	98.7	103.0	99.0	93.9	97.8	96.9
100.2								
1999	50	97.7	98.7	101.8	98.9	93.2	97.2	96.5
99.5								
2000	30	98.5	98.8	103.3	99.5	93.9	98.1	97.4
100.4								
2001	44	99.1	99.0	102.3	100.1	93.6	98.0	97.2
100.1								
2002	34	99.2	99.5	103.2	100.4	93.3	97.7	97.1
101.4								
2003	38	98.8	98.5	102.5	99.6	93.4	96.8	96.3
100.0								
2004	32	99.2	99.8	102.5	100.2	93.7	98.1	97.7
100.0								
2005	42	98.1	98.8	102.1	99.2	92.6	97.3	96.9
99.1								

2006	53	98.4	98.8	101.1	99.7	93.1	97.6	96.7
99.1								
2007	36	98.8	99.1	102.4	99.7	93.6	98.3	97.6
99.9								
2008	43	98.6	98.4	102.0	99.5	93.4	97.3	96.4
99.8								
2009	53	98.8	99.6	101.9	100.2	93.2	97.7	97.3
100.4								
2010	23	98.6	98.7	100.9	99.7	93.1	97.0	96.7
99.0								
2011	19	98.4	98.4	102.0	99.7	92.9	97.0	96.5
100.5								
2012	19	99.0	100.6	101.8	99.5	92.6	98.1	98.1
98.9								
2013	61	99.8	100.1	101.2	100.8	94.5	98.3	98.0
99.8								
2014	23	98.7	99.1	101.9	99.9	93.0	97.2	97.1
99.5								
2015	14	98.0	100.1	102.8	98.2	92.9	96.8	96.6
100.1								
2016	28	100.8	101.9	100.8	101.1	94.8	98.0	98.6
100.6								
2017	27	99.6	100.1	102.1	99.9	94.3	98.0	97.6
100.2								
2018	20	99.8	99.8	102.3	100.0	94.3	97.7	97.3
100.3								
2019	26	99.5	100.9	100.7	100.2	95.1	98.8	98.7
100.8								
2020	14	99.0	100.4	102.2	99.2	96.1	99.6	98.9
103.2								

Tabel: 204 Fleck Vieh: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1990	16	99.9	96.7	94.9	98.7	107.4	95.4
1992	14	100.4	96.7	94.1	98.1	107.4	94.8
1993	16	100.1	97.4	94.5	100.2	107.8	96.2
1994	25	100.6	98.0	94.2	100.6	108.5	96.8
1995	35	99.3	97.1	94.6	98.8	107.7	95.2
1996	21	100.0	97.5	95.3	99.4	109.2	96.2
1997	29	99.6	97.1	95.4	98.9	108.2	95.8
1998	32	99.1	97.2	95.2	99.9	107.6	96.3
1999	50	99.7	97.2	94.7	99.8	107.4	96.0
2000	30	99.6	97.5	95.7	100.0	108.3	96.8
2001	44	99.4	97.4	96.0	100.0	107.7	96.8

2002	34	99.0	97.1	96.1	99.9	109.0	96.6
2003	38	99.6	96.7	95.0	98.9	107.9	95.5
2004	32	99.4	96.9	96.4	99.1	108.1	96.3
2005	42	99.4	96.2	94.8	99.0	107.6	95.3
2006	53	100.2	96.5	95.3	98.3	108.0	95.4
2007	36	101.1	97.9	96.1	100.0	108.1	97.3
2008	43	99.1	96.7	95.1	99.4	107.8	95.8
2009	53	100.1	96.9	95.9	99.2	107.4	96.4
2010	23	101.0	97.6	95.3	99.3	107.9	96.3
2011	19	98.9	96.1	94.8	98.7	106.8	94.9
2012	19	100.6	97.5	96.0	99.4	108.3	96.6
2013	61	100.6	97.3	97.3	99.3	106.9	97.2
2014	23	101.2	97.7	95.4	99.5	107.7	96.6
2015	14	101.9	98.4	94.5	99.4	108.4	96.4
2016	28	101.4	98.2	98.2	100.1	108.0	98.4
2017	27	101.0	97.4	96.6	99.4	107.1	97.0
2018	20	102.6	98.1	96.5	98.9	107.4	97.0
2019	26	101.0	97.6	97.7	100.3	107.1	98.2
2020	14	103.1	99.1	97.6	100.8	106.4	99.0

Tabel: 205 Fleck Vieh: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1987	15	98.5	103.5	100.1	101.6	100.5	96.3	99.6	101.9
100.3									
1990	22	98.6	103.9	100.5	102.4	100.9	96.6	99.7	102.3
100.6									
1991	14	98.4	103.4	100.0	101.6	100.5	96.1	98.8	101.7
100.1									
1992	21	98.2	103.5	99.6	101.6	100.1	96.4	99.1	101.6
99.9									
1993	26	98.1	103.5	99.6	101.2	99.9	96.6	98.7	101.5
99.8									
1994	34	98.8	103.8	100.7	102.2	101.0	96.5	99.9	102.4
100.6									
1995	47	99.3	103.7	101.0	102.5	101.4	96.9	98.3	102.5
101.0									
1996	36	99.2	104.1	101.1	102.7	101.3	96.9	98.0	102.8
100.9									
1997	48	98.8	104.0	100.8	102.4	101.0	96.8	98.6	102.6
100.7									

1998	56	98.4	103.3	100.0	101.5	100.2	96.9	98.5	101.7
100.1									
1999	80	98.2	103.4	99.9	101.7	100.2	96.8	98.8	101.7
100.1									
2000	53	97.9	103.5	99.7	101.4	99.8	96.1	98.5	101.6
99.6									
2001	93	98.0	103.9	100.1	102.0	100.1	96.4	98.2	102.1
100.1									
2002	106	97.4	104.0	99.6	101.6	99.2	96.5	97.4	101.8
99.7									
2003	84	97.2	103.7	99.2	101.2	98.9	96.0	97.3	101.4
99.2									
2004	100	97.5	104.0	99.6	101.5	99.3	96.9	96.8	101.9
99.8									
2005	136	97.1	103.7	99.2	101.3	99.0	95.8	97.8	101.4
99.2									
2006	178	97.4	103.9	99.5	101.6	99.4	96.0	97.5	101.7
99.6									
2007	89	97.5	103.5	99.5	101.4	99.5	96.1	98.6	101.5
99.6									
2008	145	98.2	103.4	99.8	101.5	99.8	96.4	98.2	101.7
99.8									
2009	148	98.3	103.6	100.1	101.9	100.1	96.7	99.3	101.9
100.1									
2010	135	97.9	103.3	99.7	101.4	99.7	96.8	99.7	101.5
99.8									
2011	85	98.3	103.4	100.1	101.8	100.2	96.8	100.0	101.8
100.1									
2012	136	98.3	103.4	100.1	101.9	100.2	96.6	99.7	101.9
100.1									
2013	116	98.7	102.7	100.2	101.5	100.4	96.6	100.5	101.6
100.1									
2014	121	99.1	103.1	100.7	102.1	100.9	97.1	101.3	102.0
100.6									
2015	90	98.5	102.9	100.3	101.7	100.4	96.7	102.2	101.6
100.1									
2016	132	98.9	102.0	100.1	101.1	100.3	96.9	101.6	101.1
99.9									
2017	142	99.0	102.3	100.2	101.4	100.7	96.8	101.4	101.4
100.1									
2018	111	99.0	102.0	100.2	101.2	100.6	97.3	102.0	101.2
100.1									
2019	131	99.2	102.2	100.5	101.5	100.9	97.3	102.2	101.4
100.4									
2020	105	98.6	101.8	99.9	101.0	100.3	97.5	102.6	100.8
99.9									
2021	46	99.3	102.1	100.6	101.5	101.1	97.8	103.4	101.5
100.6									
2022	19	99.3	102.2	100.7	101.8	101.5	98.1	103.5	101.6
100.8									



Tabel: 206 Fleck Vieh: Gebruikskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	12	97.0	97.0	100.7	103.1	102.5
1992	15	98.1	98.5	100.6	102.8	101.6
1993	14	97.9	98.4	100.7	103.2	101.7
1994	27	96.9	98.7	101.0	102.7	101.5
1995	37	96.5	98.1	100.8	103.2	101.5
1996	23	96.7	97.8	100.9	103.3	102.0
1997	29	96.8	97.5	100.8	103.2	101.5
1998	32	96.7	99.5	100.3	102.9	101.5
1999	55	97.5	98.7	100.4	102.9	101.4
2000	31	96.7	97.3	100.9	102.9	101.4
2001	47	97.0	97.6	100.2	102.7	102.0
2002	36	96.5	98.1	99.8	103.0	102.9
2003	45	96.8	98.0	99.9	103.0	102.3
2004	37	97.1	98.3	100.2	103.3	102.5
2005	49	97.9	97.8	99.8	102.1	101.4
2006	59	97.7	97.7	100.7	103.1	102.1
2007	44	97.4	99.1	100.5	102.6	101.2
2008	46	97.6	99.6	100.5	102.7	101.8
2009	53	97.2	99.5	100.8	102.8	101.8
2010	26	98.0	98.5	100.7	102.9	101.7
2011	21	97.3	100.0	101.0	102.5	101.5
2012	22	97.8	98.7	101.2	102.9	101.4
2013	71	97.9	98.4	101.4	102.7	101.1
2014	24	97.7	98.0	101.4	103.1	101.4
2015	23	97.5	99.2	101.7	103.1	101.1
2016	34	98.1	100.0	102.3	103.5	101.6
2017	36	98.4	99.5	102.4	103.7	101.5
2018	28	97.9	99.0	102.0	103.5	101.6
2019	33	99.3	98.9	102.4	103.6	101.5
2020	28	99.1	100.0	102.6	104.0	101.8

Tabel: 207 Fleck Vieh: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
BVK									

1987	19	-20.4	-94.9	378.0	102.8	100.3	94.3	97.7	99.0
13.3									
1989	10	-11.1	-77.6	454.0	102.2	99.7	97.0	98.2	99.5
1.9									
1990	23	-2.0	-78.7	325.6	103.1	100.6	94.9	98.7	99.8
-13.7									
1991	18	-0.9	-70.2	226.5	103.0	100.1	95.9	97.3	101.0
-6.0									
1992	24	-6.6	-74.2	376.0	102.3	99.9	94.1	98.1	99.4
-8.1									
1993	26	-6.7	-89.0	400.5	102.7	99.8	94.5	100.2	100.2
-4.2									
1994	36	9.6	-60.0	364.8	102.3	100.6	94.2	100.6	100.5
-23.2									
1995	53	7.2	-50.4	397.9	102.5	101.0	94.6	98.8	101.0
-19.0									
1996	37	8.6	-89.0	384.9	102.8	100.9	95.3	99.4	100.9
-10.2									
1997	53	8.9	-72.5	386.2	102.6	100.7	95.4	98.9	100.9
-9.0									
1998	58	6.7	-87.3	409.1	102.3	100.1	95.2	99.9	100.3
-1.7									
1999	80	18.5	-58.9	382.8	102.3	100.1	94.7	99.8	100.2
-18.1									
2000	57	1.5	-87.7	353.1	102.3	99.6	95.7	100.0	100.3
-6.2									
2001	107	5.4	-103.3	334.5	102.6	100.1	96.0	100.0	101.2
6.5									
2002	119	-2.4	-131.1	322.2	103.3	99.7	96.1	99.9	100.2
17.0									
2003	87	-5.9	-110.8	256.3	102.9	99.2	95.0	98.9	100.1
3.6									
2004	93	24.5	-71.3	261.4	103.2	99.8	96.4	99.1	100.3
-9.5									
2005	140	-4.3	-66.3	147.5	101.9	99.2	94.8	99.0	100.6
-5.3									
2006	172	7.0	-57.8	133.6	102.9	99.6	95.3	98.3	100.3
-13.9									
2007	84	44.0	21.5	234.2	102.0	99.6	96.1	100.0	100.7
-35.6									
2008	124	36.5	-13.0	176.7	102.5	99.8	95.1	99.4	100.6
-25.3									
2009	135	33.4	4.3	173.5	102.5	100.1	95.9	99.2	100.8
-36.3									
2010	100	31.2	-16.3	134.3	102.4	99.8	95.3	99.3	100.4
-25.2									
2011	66	30.0	9.6	178.7	102.1	100.1	94.8	98.7	100.7
-27.3									

2012	81	61.4	54.0	203.8	102.3	100.1	96.0	99.4	100.8
-45.5									
2013	97	70.7	110.2	172.9	102.0	100.1	97.3	99.3	101.3
-46.6									
2014	90	73.2	82.1	194.6	102.4	100.6	95.4	99.5	101.2
-40.2									
2015	77	74.2	104.6	161.4	102.2	100.1	94.5	99.4	101.4
-48.9									
2016	113	74.9	101.3	158.0	102.7	99.9	98.2	100.1	101.5
-41.2									
2017	111	82.1	120.8	168.4	102.7	100.1	96.6	99.4	101.7
-40.0									
2018	89	85.0	140.0	181.4	102.7	100.1	96.5	98.9	101.8
-42.8									
2019	107	95.3	150.6	193.1	102.7	100.4	97.7	100.3	101.9
-38.4									
2020	87	104.5	176.2	255.4	103.1	99.9	97.6	100.8	101.9
-34.5									
2021	45	129.6	195.6	274.2	103.7	100.6	98.0	98.0	102.3
-30.0									

Tabel: 208 Fleck Vieh: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	12	94.1	91.9	97.0	99.0	98.8	103.5	96.3
2001	14	93.9	89.1	98.3	100.5	96.7	104.9	95.0
2003	16	95.3	92.2	98.3	100.7	98.4	104.1	96.1
2004	14	95.4	90.9	98.9	101.1	97.4	104.1	96.4
2005	21	94.2	90.3	98.0	100.6	96.9	103.9	95.7
2006	23	94.3	89.1	99.3	101.0	96.5	104.6	94.7
2007	24	95.8	91.5	99.1	100.8	98.3	105.3	96.5
2008	24	94.9	91.8	97.3	99.9	99.3	105.0	96.7
2009	23	94.3	90.7	98.2	100.3	96.7	104.1	95.6
2010	12	94.7	90.5	98.0	99.9	97.8	104.4	96.2
2011	10	93.7	90.5	98.0	99.6	96.0	103.2	95.6
2012	12	93.8	90.5	97.7	99.8	97.5	104.1	95.8
2013	25	94.0	91.7	96.9	99.0	98.6	103.5	96.4
2014	11	94.9	91.5	98.4	100.2	98.1	105.1	95.5
2015	13	94.4	90.8	98.4	100.2	96.5	104.3	95.7
2016	19	94.1	91.8	97.5	99.6	97.3	104.2	95.8
2017	28	93.8	91.0	97.2	99.9	96.6	104.0	96.3
2018	16	92.5	91.1	95.2	98.1	97.4	102.2	97.4
2019	28	94.8	91.9	97.2	99.9	98.4	104.4	97.3

Tabel: 209 Fleck Vieh: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1990	11	98.7	101.6	98.7	101.6	100.9	103.3
1992	13	97.6	102.1	97.6	102.1	100.7	103.8
1993	15	98.0	103.1	98.0	103.1	101.0	104.6
1994	26	98.4	103.0	98.4	103.0	100.9	104.2
1995	41	98.5	103.3	98.5	103.3	100.0	104.2
1996	28	98.6	103.0	98.6	103.0	100.6	104.4
1997	37	98.5	103.2	98.5	103.2	100.5	104.5
1998	38	98.1	102.7	98.1	102.7	100.1	103.4
1999	57	98.1	102.6	98.1	102.6	99.8	103.8
2000	32	98.7	102.4	98.7	102.4	100.8	104.2
2001	60	99.8	102.6	99.8	102.6	101.2	104.1
2002	63	98.3	102.2	98.3	102.2	100.3	103.5
2003	61	98.1	102.2	98.1	102.2	100.3	104.0
2004	68	98.5	102.0	98.5	102.0	100.4	103.5
2005	86	98.4	102.4	98.4	102.4	100.1	104.3
2006	110	98.2	102.1	98.2	102.1	99.9	103.7
2007	80	98.4	102.7	98.4	102.7	100.2	104.3
2008	110	98.3	102.4	98.3	102.4	100.3	103.7
2009	97	98.7	102.4	98.7	102.4	100.7	103.8
2010	98	98.4	102.2	98.4	102.2	100.8	103.6
2011	73	98.2	102.5	98.2	102.5	100.6	103.7
2012	137	98.5	102.6	98.5	102.6	100.8	103.9
2013	121	99.2	102.6	99.2	102.6	101.3	104.0
2014	114	98.4	102.9	98.4	102.9	100.9	104.0
2015	91	98.8	103.0	98.8	103.0	101.1	104.0
2016	122	99.0	102.9	99.0	102.9	101.5	103.6
2017	135	98.9	103.2	98.9	103.2	101.5	103.9
2018	99	98.9	103.3	98.9	103.3	101.7	104.3
2019	107	98.9	103.4	98.9	103.4	101.4	104.1
2020	62	99.5	103.1	99.5	103.1	102.1	103.9
2021	69	99.6	103.4	99.6	103.4	102.1	104.4
2022	87	100.2	103.7	100.2	103.7	102.6	104.5
2023	51	100.0	103.6	100.0	103.6	102.4	104.3

Tabel: 210 Fleck Vieh: Geboortekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
------	--------	-----	-----	-----	-----	-----	-----

1990	17	89.6	112.2	115.7	113.3	90.9	91.8
1992	17	89.8	112.6	115.2	112.9	91.4	92.3
1993	18	90.3	112.3	115.0	112.2	92.3	93.5
1994	31	89.4	113.1	115.9	113.1	93.2	92.7
1995	43	90.1	112.4	115.0	112.9	91.8	91.8
1996	27	90.0	112.9	114.9	112.8	92.4	91.5
1997	42	89.8	113.0	115.3	112.9	91.7	91.9
1998	45	90.2	112.5	114.6	112.3	92.8	92.3
1999	68	90.2	112.6	114.9	112.6	90.9	91.6
2000	38	89.3	112.9	115.8	113.0	92.8	92.6
2001	63	90.5	112.0	114.7	113.1	91.3	91.4
2002	66	89.3	112.6	115.8	114.0	91.0	91.2
2003	63	89.0	113.2	116.1	114.2	91.2	90.7
2004	67	89.6	112.6	115.6	113.4	90.4	91.0
2005	81	89.7	112.3	115.7	114.3	89.2	90.3
2006	99	89.9	112.5	115.5	114.2	89.9	90.7
2007	85	89.9	112.9	115.6	114.6	89.9	90.5
2008	97	89.1	112.6	116.4	114.6	89.7	90.4
2009	91	89.4	111.9	116.0	114.4	89.7	90.2
2010	119	89.4	112.8	115.9	114.5	89.9	90.0
2011	59	89.7	112.4	115.7	114.5	89.9	90.3
2012	87	89.9	111.6	115.8	115.1	90.9	90.4
2013	122	90.9	111.7	114.6	114.6	90.3	90.4
2014	91	90.7	111.7	114.7	114.4	90.4	90.5
2015	68	91.1	110.4	114.5	114.9	91.4	90.7
2016	104	92.5	110.3	113.0	114.8	91.4	90.0
2017	91	91.7	110.8	113.7	114.5	91.6	90.3
2018	72	92.0	110.6	113.4	114.9	91.4	89.9
2019	72	91.7	110.8	113.7	114.8	91.4	89.8
2020	25	92.4	111.4	113.2	113.9	91.9	90.5
2021	21	92.3	111.1	113.1	114.4	91.6	90.5
2022	16	92.3	110.9	113.1	114.2	91.0	90.6
2023	11	92.5	109.5	113.0	114.6	91.6	90.6

Tabel: 211 Fleck Vieh: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st
1990	16	105.6	112.5	100.1	108.4	107.2	101.8	104.1	98.2	110.4	100.2
			111.7								
1992	18	105.7	113.6	100.7	108.8	107.6	102.5	103.5	99.1	111.3	100.4
			112.2								

1993 111.7	23	105.2	114.3	101.2	108.5	108.0	103.3	102.7	99.0	112.3	100.8
1994 112.2	32	105.6	113.0	101.7	108.3	107.3	102.8	103.7	98.9	111.1	100.9
1995 111.7	43	105.5	113.0	101.5	108.3	107.3	102.7	103.7	98.5	111.3	101.1
1996 111.6	29	105.6	114.0	100.9	108.1	108.3	102.3	103.3	98.8	112.4	100.3
1997 111.9	38	105.5	114.3	101.0	108.8	108.1	102.6	103.6	98.4	112.4	100.8
1998 111.4	43	105.2	114.1	100.6	108.8	107.7	102.7	103.4	98.0	111.8	100.6
1999 111.5	66	105.9	113.8	101.5	108.3	108.7	102.4	104.0	98.4	112.1	100.9
2000 111.4	39	104.9	113.5	101.0	107.9	107.5	102.5	103.0	98.6	111.5	100.3
2001 110.9	54	105.0	113.2	101.1	107.7	107.9	101.9	103.4	97.6	111.8	100.3
2002 112.0	58	106.2	116.3	101.0	109.4	109.9	102.2	103.9	98.1	114.0	100.9
2003 111.4	51	104.9	114.7	101.5	108.9	108.0	102.8	102.7	98.4	112.4	100.5
2004 111.7	50	105.4	114.9	101.3	109.1	108.1	102.7	103.2	98.6	112.3	100.7
2005 111.2	67	105.3	114.0	102.3	108.0	108.6	102.9	103.3	98.0	112.3	101.1
2006 111.9	87	105.4	113.7	102.0	108.0	108.4	102.8	103.6	97.9	112.2	100.7
2007 111.8	49	105.6	112.9	102.0	108.0	107.8	102.8	103.4	99.2	111.4	100.9
2008 111.0	69	104.8	113.6	101.7	108.3	107.4	102.8	103.0	98.0	111.6	101.2
2009 111.6	71	105.2	113.7	101.2	109.1	107.3	103.2	103.5	98.3	111.1	101.5
2010 110.7	51	104.5	112.1	102.4	107.4	107.1	103.1	102.8	97.8	110.5	101.2
2011 110.5	30	103.9	112.3	102.0	107.9	106.3	103.5	102.2	97.9	110.5	101.2
2012 111.1	55	104.9	112.5	101.9	108.6	106.5	103.1	103.6	98.1	110.1	101.7
2013 111.3	70	105.2	110.8	101.5	107.6	106.1	102.7	103.8	99.1	109.5	100.8
2014 110.9	34	104.0	111.4	102.2	108.2	105.5	103.3	102.9	97.8	109.6	101.2
2015 111.2	23	104.6	110.4	101.6	108.5	105.0	102.9	104.0	97.8	108.4	101.4
2016 110.4	31	104.2	110.4	101.3	107.7	105.2	103.0	103.3	97.9	108.9	101.4
2017 110.5	28	104.5	109.4	101.9	107.1	105.0	102.9	103.5	98.2	108.3	101.4

2018	19	103.9	109.7	101.7	107.4	104.6	102.4	103.5	97.5	107.9	100.9
110.2											
2019	25	104.0	109.7	101.0	106.5	105.4	102.4	102.9	98.0	108.6	100.6
109.8											
2020	12	104.1	108.2	100.8	106.4	104.6	101.3	103.4	98.3	107.3	99.6
110.0											

Tabel: 212 Fleck Vieh: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	12	94.3	96.2	92.1
1992	13	93.0	95.1	91.5
1993	16	92.6	95.2	91.0
1994	27	93.0	95.4	92.0
1995	41	93.8	96.4	91.5
1996	27	94.1	96.5	91.9
1997	34	93.4	95.7	91.6
1998	35	93.9	96.3	92.4
1999	56	93.9	96.1	92.6
2000	30	93.1	94.8	93.0
2001	54	93.2	95.2	92.5
2002	49	93.8	95.6	93.0
2003	56	94.0	96.0	93.0
2004	46	94.2	96.0	93.0
2005	64	94.3	96.1	93.1
2006	69	94.1	96.1	92.8
2007	66	94.7	96.5	93.5
2008	63	94.2	96.5	92.6
2009	51	94.0	96.2	92.5
2010	67	93.9	95.9	92.6
2011	35	95.0	97.2	93.3
2012	59	94.2	96.3	92.8
2013	60	94.9	97.0	93.1
2014	47	94.6	96.7	93.1
2015	46	93.7	95.7	93.1
2016	72	94.9	96.8	93.5
2017	68	95.1	96.8	93.6
2018	32	95.4	97.2	93.6
2019	46	95.5	97.2	94.0
2020	13	96.8	98.4	94.8
2021	11	96.0	97.2	94.7
2022	15	96.4	97.8	94.7

Tabel: 213 Fleck Vieh: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	65	1304.6	6288.3	221.4	183.5
2002	75	1056.8	5275.7	183.1	146.1
2003	65	729.3	4074.7	127.4	98.8
2004	75	864.9	4401.5	149.4	119.5
2005	116	210.3	1586.5	39.4	25.8
2006	148	203.7	1728.7	33.2	26.8
2007	80	1133.2	5447.1	200.3	155.3
2008	111	649.5	3494.0	112.1	89.2
2009	118	669.0	3553.1	116.9	91.3
2010	95	338.4	2246.6	62.2	43.1
2011	70	701.3	3782.1	123.7	94.9
2012	88	1078.0	5206.6	185.9	150.0
2013	96	1126.6	5476.8	197.4	155.1
2014	99	1119.6	5570.0	194.5	154.6
2015	74	1020.0	5298.0	176.0	140.6
2016	106	979.5	5322.8	165.7	136.1
2017	104	1132.8	5966.5	191.8	158.0
2018	86	1300.8	6569.7	225.1	179.9
2019	102	1421.5	7070.3	245.4	197.3
2020	70	2008.2	9948.9	344.0	280.3
2021	43	2198.4	10570.5	375.3	308.6

Tabel: 214 Fleck Vieh: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1990	12	94.6	103.2	95.3	94.2
1992	16	95.5	103.9	95.4	95.1
1993	14	95.9	104.2	95.1	95.6
1994	26	95.1	103.3	95.3	94.4
1995	39	95.9	104.1	95.3	95.6
1996	27	94.7	103.6	95.1	94.2
1997	34	95.5	104.5	95.4	95.6
1998	37	95.4	104.0	95.5	95.1
1999	57	95.9	104.2	95.6	95.8
2000	32	95.8	103.8	95.2	95.1
2001	53	96.6	104.4	94.8	96.1
2002	49	95.0	104.9	95.3	95.3
2003	52	94.8	104.9	95.3	95.1



2004	45	95.7	104.3	95.0	95.5
2005	66	96.3	103.5	95.4	95.6
2006	73	96.6	104.9	94.5	96.1
2007	58	96.2	105.1	95.2	96.2
2008	52	96.1	104.2	95.1	95.8
2009	72	95.5	103.3	95.2	94.7
2010	48	96.1	104.6	95.4	96.1
2011	31	95.7	104.0	95.6	95.4
2012	33	96.6	105.3	95.1	96.8
2013	73	96.9	104.7	94.2	95.9
2014	38	97.2	106.2	95.3	98.0
2015	45	96.8	106.1	94.3	96.8
2016	66	96.2	106.4	95.0	97.1
2017	46	97.4	108.4	94.9	99.3
2018	51	97.7	109.8	94.2	100.0
2019	52	98.8	110.5	94.8	101.7
2020	53	98.8	109.3	93.8	100.5
2021	29	99.8	108.4	93.5	100.9

Tabel: 215 Fleck Vieh: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1987	19	96.5	98.5	19	-0.8	13.3	0	0.0
1989	10	95.7	98.8	10	-0.4	1.9	0	0.0
1990	23	96.0	98.7	22	-0.2	-13.7	0	0.0
1991	18	95.9	98.4	18	-0.3	-6.0	0	0.0
1992	24	95.8	98.8	24	-0.3	-8.1	0	0.0
1993	26	96.2	98.7	26	-0.5	-4.2	0	0.0
1994	36	96.0	98.0	36	0.1	-23.2	0	0.0
1995	53	96.3	97.7	52	0.0	-19.0	0	0.0
1996	37	95.9	98.3	37	-0.4	-10.2	0	0.0
1997	53	96.4	98.4	52	-0.3	-9.0	0	0.0
1998	58	95.5	97.8	58	-0.5	-1.7	0	0.0
1999	80	95.8	97.8	74	0.0	-18.1	0	0.0
2000	57	96.1	98.7	50	-0.4	-6.2	0	0.0
2001	107	95.6	98.6	92	-0.8	6.5	38	105.5
2002	119	95.7	98.4	94	-1.1	17.0	30	105.8
2003	87	95.4	98.6	69	-0.8	3.6	34	104.8
2004	93	95.4	98.7	57	-0.2	-9.5	28	105.5
2005	140	95.3	98.4	97	-0.3	-5.3	38	104.7
2006	172	96.5	98.4	116	0.0	-13.9	51	105.2
2007	84	96.6	98.4	56	0.9	-35.6	35	105.9
2008	124	96.2	98.6	66	0.5	-25.3	37	104.9
2009	135	96.5	98.3	76	0.9	-36.3	45	104.8
2010	100	96.2	98.7	46	0.5	-25.2	22	105.4

2011	66	95.9	98.0	33	0.6	-27.3	19	103.8
2012	81	97.6	98.1	42	1.3	-45.5	19	105.6
2013	97	97.4	97.9	70	1.6	-46.6	57	104.2
2014	90	97.6	98.3	40	1.2	-40.2	22	105.8
2015	77	97.5	97.8	19	1.6	-48.9	14	106.4
2016	113	97.8	98.2	44	1.5	-41.2	28	105.0
2017	111	98.8	97.5	35	1.7	-40.0	27	104.4
2018	89	97.8	97.3	36	1.9	-42.8	20	106.0
2019	107	98.1	97.6	42	1.8	-38.4	25	104.6
2020	87	98.8	98.0	48	1.7	-34.5	14	105.1
2021	45	98.7	97.6	7	1.6	-30.0	1	103.0

Tabel: 216 Fleck Vieh: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	20	99.9	1	104.0	2	99.5	20	95.1
1991	13	100.2	1	105.0	1	103.0	13	94.6
1992	20	99.8	0	0.0	0	0.0	20	94.8
1993	23	99.8	0	0.0	0	0.0	23	94.6
1994	32	99.7	0	0.0	2	99.5	32	94.4
1995	45	99.6	2	99.0	5	99.8	45	95.1
1996	32	99.9	2	103.5	2	100.5	32	95.2
1997	43	99.8	3	102.0	5	100.8	43	95.0
1998	49	99.8	1	105.0	2	101.5	49	94.3
1999	70	99.7	3	100.7	3	101.7	70	94.2
2000	46	99.7	0	0.0	1	99.0	46	94.6
2001	76	99.4	3	100.7	9	99.7	76	93.4
2002	84	99.7	5	102.2	8	99.6	84	94.5
2003	70	99.9	11	102.1	12	100.6	70	93.7
2004	69	99.9	5	102.2	6	100.8	69	93.7
2005	93	99.6	8	100.5	11	101.2	93	93.3
2006	129	99.7	14	101.1	20	100.3	129	94.1
2007	71	99.9	12	100.7	16	102.0	71	93.9
2008	100	99.8	17	101.6	17	100.3	100	93.8
2009	106	99.8	11	101.4	12	99.7	106	93.9
2010	85	99.7	8	102.0	9	100.9	85	93.6
2011	62	99.6	4	102.0	5	97.6	62	93.8
2012	71	99.8	2	99.5	3	100.7	71	94.2
2013	93	99.6	1	104.0	1	97.0	93	94.0
2014	81	99.8	0	0.0	1	102.0	81	94.6
2015	50	99.7	0	0.0	0	0.0	50	94.6
2016	78	99.7	0	0.0	1	99.0	78	95.1
2017	94	99.6	0	0.0	1	101.0	94	94.2
2018	82	99.6	0	0.0	8	100.6	82	94.4
2019	96	99.7	0	0.0	2	99.0	96	94.8

2020	84	99.6	0	0.0	1	100.0	84	94.5
2021	34	99.8	0	0.0	1	101.0	34	95.7

Tabel: 217 Fleck Vieh: Reproductiestoornissen

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	10	104.5	101.7	106.8	101.6	106.0	105.0
1995	26	103.6	100.8	106.4	101.0	105.8	104.2
1996	13	103.9	100.9	106.7	101.2	105.7	104.5
1997	24	103.2	100.4	106.1	100.7	105.5	103.9
1998	12	102.5	100.0	105.1	100.1	104.8	103.5
1999	25	103.6	101.1	106.0	101.0	105.6	103.9
2000	10	103.8	100.8	106.4	101.2	105.7	105.1
2001	34	103.4	100.2	106.1	100.9	105.4	104.3
2002	28	103.4	100.2	106.1	100.7	105.9	104.6
2003	29	103.4	100.6	106.1	100.5	106.1	104.8
2004	22	103.2	100.3	105.6	100.6	105.4	104.4
2005	32	103.4	100.5	106.1	100.8	105.7	104.3
2006	35	103.0	99.9	106.1	100.3	105.9	103.7
2007	27	103.5	101.0	105.7	101.1	105.5	104.1
2008	32	103.5	100.6	105.9	101.2	105.5	104.3
2009	18	104.2	101.1	106.5	101.9	105.8	104.4
2010	15	103.2	100.5	105.6	100.3	105.9	104.1
2012	11	102.4	99.2	105.0	100.1	104.8	103.5
2013	19	102.2	99.3	105.3	99.6	105.5	103.7
2014	10	103.2	100.3	106.2	100.5	106.0	104.1
2018	10	101.8	99.1	104.5	99.5	104.3	102.9
2020	10	100.7	97.9	103.6	98.2	104.6	102.2

Tabel: 218 Brown Swiss: Melkproductiekenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1990	18	-1719.1	-72.8	-60.6	-77.3	6.3	1.9	1.6	-424.4
1991	16	-1850.1	-66.4	-62.8	-83.3	26.8	6.2	1.5	-422.1
1992	14	-1702.4	-65.7	-58.1	-76.5	16.3	4.7	1.6	-399.4
1993	21	-1852.0	-74.1	-64.6	-83.2	14.5	3.2	1.6	-445.6
1994	18	-1806.5	-74.6	-60.8	-81.3	10.3	6.6	1.4	-430.4
1995	23	-1647.8	-66.5	-56.0	-73.9	11.0	5.0	1.7	-391.3
1996	16	-1581.4	-65.3	-55.9	-70.8	8.6	1.7	1.8	-387.5
1997	23	-1638.9	-68.7	-58.7	-73.5	7.2	0.5	1.6	-407.1

1998	26	-1733.6	-68.3	-58.7	-77.9	14.3	5.6	1.5	-407.8
1999	23	-1520.5	-62.1	-51.8	-68.3	9.2	4.6	1.3	-363.3
2000	35	-1540.6	-65.1	-54.5	-68.9	6.1	1.4	1.9	-381.0
2001	21	-1604.7	-63.2	-53.9	-71.6	13.1	5.8	2.2	-375.1
2002	20	-1607.0	-63.9	-53.5	-70.8	12.6	6.7	3.7	-374.9
2003	26	-1524.6	-61.1	-52.9	-67.9	11.0	2.8	2.3	-365.5
2004	22	-1219.4	-51.1	-45.0	-54.1	5.3	-1.5	1.9	-308.0
2005	15	-1434.9	-53.8	-48.2	-63.7	16.0	5.3	2.4	-329.7
2006	26	-1387.3	-57.8	-49.1	-62.0	6.8	1.6	1.7	-341.1
2007	26	-1455.2	-60.5	-49.0	-66.2	7.3	5.0	0.1	-347.8
2008	25	-1250.2	-52.7	-43.8	-55.7	5.1	1.8	1.8	-307.1
2009	29	-1223.2	-55.2	-44.7	-55.0	-0.7	-0.9	1.0	-315.6
2010	30	-961.7	-43.4	-34.9	-42.6	0.1	-0.2	1.6	-247.2
2011	18	-1301.8	-54.2	-42.8	-59.4	6.3	6.0	-0.3	-307.3
2012	25	-1107.6	-47.1	-38.0	-49.3	4.2	3.2	1.5	-269.4
2013	27	-1074.3	-46.0	-36.3	-49.0	3.6	3.6	-0.1	-260.1
2014	20	-925.8	-46.4	-33.4	-42.6	-6.0	0.6	-0.6	-247.0
2015	19	-875.1	-39.7	-30.7	-39.3	-0.6	1.1	0.6	-221.1
2016	12	-963.0	-43.7	-33.2	-42.8	0.3	2.5	1.3	-240.6
2017	10	-828.0	-37.9	-28.3	-37.1	-0.1	2.5	0.6	-206.8

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

Tabel: 219 Brown Swiss: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1990	14	94.4	98.9	94.5	90.7	104.2	100.4	88.1
1991	13	95.1	97.9	93.9	89.9	103.4	100.9	87.9
1992	10	95.4	97.6	94.4	90.9	103.0	101.1	88.0
1993	17	94.6	98.2	94.3	90.1	104.4	100.5	87.4
1994	13	94.4	98.8	93.7	89.9	105.0	100.4	87.2
1995	16	94.7	98.4	94.8	90.6	103.7	100.8	87.0
1996	11	97.3	99.8	96.5	91.6	104.2	99.6	89.1
1997	15	96.5	98.2	95.1	90.9	103.8	102.3	88.4
1998	15	95.2	98.4	94.6	90.3	104.3	101.3	87.1
1999	19	95.5	98.4	95.2	91.2	103.5	101.4	88.9
2000	26	95.4	98.8	95.3	91.0	103.7	100.8	88.7
2001	13	97.1	98.5	94.9	90.2	104.0	99.9	87.5
2002	10	94.9	98.2	94.6	90.0	104.5	100.1	87.9
2003	21	94.2	98.3	94.0	89.9	104.8	101.1	87.4
2004	17	96.0	98.3	95.0	91.7	103.1	101.6	88.6
2005	12	95.9	98.4	94.9	90.8	103.8	101.4	87.9
2006	19	95.6	98.4	95.2	91.3	103.9	101.4	87.6
2007	19	96.3	98.8	94.9	91.1	104.2	101.1	88.3
2008	14	96.4	98.3	95.2	91.3	103.1	100.7	89.1
2009	14	97.3	98.9	95.9	92.3	102.9	101.7	89.4

2010	20	97.0	98.7	95.8	92.7	102.2	101.2	89.4
2012	17	98.2	100.2	96.7	91.5	104.4	101.6	88.4
2013	17	97.9	99.2	96.2	91.9	103.4	101.6	89.7
2015	10	99.4	98.9	97.4	93.7	101.8	101.5	88.9

Tabel: 220 Brown Swiss: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1990	14	103.9	98.8	109.6	101.1	103.6
1991	13	104.6	99.8	108.8	101.4	103.8
1992	10	105.2	98.7	110.8	102.6	104.8
1993	17	105.0	98.1	110.5	101.8	104.6
1994	13	104.6	98.0	110.6	101.6	104.2
1995	16	104.6	98.9	110.3	100.9	103.8
1996	11	105.7	98.1	111.6	102.6	104.9
1997	15	104.5	98.0	111.3	100.6	103.3
1998	15	105.0	97.7	111.7	101.8	104.2
1999	19	103.8	98.4	110.4	101.3	102.8
2000	26	105.3	97.6	111.1	101.8	104.5
2001	13	106.2	96.2	113.1	102.1	105.8
2002	10	104.5	98.2	111.2	101.2	103.6
2003	21	104.7	96.9	111.4	102.0	104.2
2004	17	106.8	97.5	111.2	102.3	106.0
2005	12	105.3	97.7	112.0	102.0	104.6
2006	19	104.9	98.2	110.8	102.1	104.2
2007	19	104.6	98.3	111.1	101.7	103.6
2008	14	104.4	97.6	111.4	101.0	103.6
2009	14	104.8	98.1	110.7	101.6	104.4
2010	20	106.2	97.3	111.7	101.8	105.0
2012	17	103.9	97.8	111.2	102.1	103.0
2013	17	105.4	96.9	111.6	102.4	104.1
2015	10	104.4	97.5	111.3	101.3	103.4

Tabel: 221 Brown Swiss: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1990	14	92.7	98.1	104.1	93.7	88.1	94.5	95.4
								94.6

1991	13	93.3	97.6	104.2	94.7	88.3	94.2	95.1
94.3								
1992	10	92.5	98.0	105.1	93.2	88.4	93.8	95.3
94.2								
1993	17	92.2	97.6	105.1	92.9	87.8	93.5	94.9
94.5								
1994	13	93.2	98.2	104.5	93.6	88.1	94.0	95.4
94.6								
1995	16	91.6	97.7	104.1	92.0	86.6	93.4	95.1
93.4								
1996	11	93.0	97.7	104.0	94.0	88.4	94.6	95.6
93.4								
1997	15	92.0	96.3	104.9	93.7	88.0	93.9	94.9
95.7								
1998	15	92.1	97.2	104.3	93.3	87.5	94.5	95.1
94.5								
1999	19	91.9	97.8	104.4	92.9	88.0	94.7	95.8
94.9								
2000	26	92.3	97.5	104.3	92.9	87.7	93.8	95.0
93.8								
2001	13	92.2	97.8	105.5	93.8	87.7	95.2	95.8
95.5								
2002	10	91.8	97.2	103.3	93.4	87.3	94.3	95.1
93.9								
2003	21	92.4	97.2	104.1	93.4	87.7	94.1	94.8
94.4								
2004	17	93.8	97.6	103.2	94.5	89.5	95.4	95.7
94.4								
2005	12	92.7	97.9	103.2	93.5	88.2	94.8	95.7
94.2								
2006	19	93.4	97.4	103.6	94.0	88.7	94.7	95.2
94.5								
2007	19	92.5	97.1	104.4	93.5	87.6	93.8	94.8
94.4								
2008	14	92.9	98.8	104.9	93.2	88.9	95.4	96.8
94.5								
2009	14	93.5	99.9	104.6	94.3	89.9	96.1	97.4
95.3								
2010	20	93.3	99.3	104.0	93.7	89.8	95.5	96.6
95.5								
2012	17	93.8	98.0	103.1	94.1	88.3	94.9	95.7
93.5								
2013	17	93.9	99.2	102.4	94.5	88.6	95.4	96.6
94.2								
2015	10	93.3	100.0	102.9	93.9	89.3	96.7	98.0
95.3								

Tabel: 222 Brown Swiss: Exterieurkenmerken bovenbalk

Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1990	14	93.6	94.4	89.5	104.8	0.0	94.2
1991	13	93.9	93.0	89.8	105.2	0.0	94.5
1992	10	94.1	93.4	89.0	106.4	0.0	94.9
1993	17	93.3	93.8	88.5	105.8	0.0	94.0
1994	13	92.6	93.8	89.4	105.3	0.0	94.1
1995	16	93.4	93.5	87.6	105.1	0.0	93.2
1996	11	96.3	95.7	89.8	106.4	0.0	96.1
1997	15	95.5	94.4	88.9	104.8	0.0	94.4
1998	15	93.8	93.9	88.8	105.6	0.0	94.1
1999	19	95.1	94.6	88.9	104.1	0.0	94.1
2000	26	94.8	94.6	88.8	105.7	0.0	94.7
2001	13	94.5	93.7	89.0	106.7	0.0	95.2
2002	10	93.6	93.9	88.4	104.8	0.0	93.5
2003	21	93.1	93.9	89.0	105.0	0.0	93.8
2004	17	95.2	94.3	90.8	107.1	0.0	96.6
2005	12	94.8	94.2	89.5	105.8	0.0	95.2
2006	19	94.6	94.4	90.2	105.5	0.0	95.3
2007	19	94.9	94.8	88.9	105.1	0.0	94.5
2008	14	95.4	94.1	89.7	104.9	0.0	94.8
2009	14	96.4	95.1	90.8	105.7	0.0	96.3
2010	20	96.4	94.8	90.7	106.3	0.0	96.6
2012	17	96.6	95.5	90.4	104.3	0.0	95.4
2013	17	96.5	95.1	90.6	105.1	0.0	95.9
2015	10	97.2	95.4	90.2	104.7	0.0	95.7

Tabel: 223 Brown Swiss: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1990	17	101.9	101.8	99.2	99.5	99.9	95.4	83.8	100.4
1991	14	101.3	102.8	99.2	99.8	99.3	96.2	86.3	100.9
1992	11	101.3	102.0	98.8	99.1	99.2	96.2	85.0	100.5
1993	20	101.3	101.5	98.5	98.8	98.9	95.5	84.6	100.0

1994	16	102.6	101.4	99.2	99.2	100.2	95.9	84.5	100.2
99.1									
1995	20	102.8	100.7	99.2	98.8	100.1	96.5	84.3	100.0
99.1									
1996	16	101.2	101.9	98.5	99.1	99.0	96.1	86.0	100.1
98.6									
1997	22	101.4	101.9	98.8	99.5	99.4	96.0	85.8	100.1
98.9									
1998	22	102.4	101.9	99.5	99.6	100.0	96.4	84.3	100.5
99.6									
1999	23	101.4	101.8	98.9	99.2	99.4	95.7	85.3	100.2
98.9									
2000	31	103.0	101.3	99.5	99.5	100.4	96.5	84.7	100.4
99.3									
2001	23	101.8	102.1	99.3	99.9	99.9	96.4	85.6	100.5
99.3									
2002	19	102.0	101.7	99.4	99.4	99.9	95.8	85.4	100.5
99.2									
2003	27	101.6	102.2	99.4	99.8	99.6	95.4	85.7	100.8
99.2									
2004	24	102.1	102.1	99.9	100.0	100.4	96.8	86.2	101.1
99.9									
2005	17	102.1	101.1	99.1	98.9	99.8	96.1	85.6	99.9
98.9									
2006	28	102.4	101.9	99.8	99.8	100.4	96.4	86.2	100.9
99.6									
2007	28	101.5	102.0	99.4	99.8	99.8	95.7	86.7	100.6
99.2									
2008	25	102.6	102.2	100.2	100.5	101.0	97.4	87.1	101.3
100.4									
2009	31	101.6	102.2	99.6	99.8	100.2	96.3	86.5	100.9
99.6									
2010	39	102.1	101.6	99.9	99.8	100.5	97.0	87.2	100.8
99.8									
2011	22	101.9	102.9	100.2	100.8	100.7	96.5	87.0	101.7
100.2									
2012	24	102.3	101.7	99.9	100.0	100.5	95.8	87.2	100.9
99.5									
2013	28	102.8	101.7	100.2	100.1	101.1	97.0	86.9	101.0
100.2									
2014	28	102.7	102.0	100.7	100.5	101.2	97.7	88.6	101.5
100.6									
2015	18	102.2	101.2	99.4	99.6	100.5	96.8	87.3	100.3
99.5									
2016	11	103.2	101.2	100.4	100.1	101.2	97.2	87.7	100.9
100.3									
2017	14	102.7	101.4	100.3	99.9	100.9	96.9	87.6	101.0
100.1									



Tabel: 224 Brown Swiss: Gebruikskennmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	11	97.5	97.8	95.8	96.7	99.3
1991	10	95.9	94.7	95.9	97.0	99.4
1993	16	95.2	97.1	95.3	96.7	99.2
1994	13	97.5	98.9	95.9	96.9	99.7
1995	16	98.0	98.2	96.3	97.1	100.3
1996	11	97.5	96.0	97.0	97.9	100.2
1997	16	94.2	96.1	95.9	96.2	99.6
1998	13	96.0	97.7	96.4	97.5	100.3
1999	19	95.4	96.9	96.6	97.1	99.5
2000	25	96.8	97.0	97.1	97.9	100.4
2001	13	95.4	96.8	96.6	97.7	100.1
2002	12	96.2	97.9	96.8	98.2	100.6
2003	19	96.2	97.8	97.2	98.1	100.2
2004	18	97.9	95.7	97.9	99.0	100.6
2005	11	95.9	96.2	97.1	97.9	100.5
2006	18	95.9	96.7	97.4	98.1	99.8
2007	19	96.5	96.0	97.2	97.9	100.8
2008	15	96.1	97.5	97.7	98.3	100.1
2009	16	96.4	98.1	96.7	97.6	99.5
2010	20	96.8	95.9	97.7	98.0	100.1
2011	10	97.3	95.9	97.9	98.3	100.3
2012	14	97.7	96.2	98.9	99.2	100.7
2013	17	97.1	96.0	98.0	98.3	99.9

Tabel: 225 Brown Swiss: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1990	18	-128.3	-424.4	-118.4	97.9	99.0	89.5	104.8	99.6
149.3									
1991	16	-152.1	-422.1	-240.1	98.2	99.3	89.8	105.2	98.5
119.4									
1992	14	-132.4	-399.4	-171.9	98.7	99.1	89.0	106.4	99.2
126.6									

1993	21	-154.0	-445.6	-114.6	97.9	98.3	88.5	105.8	99.1
129.3									
1994	18	-141.7	-430.4	-98.0	98.3	99.1	89.4	105.3	98.9
122.2									
1995	23	-132.7	-391.3	-170.0	98.9	99.1	87.6	105.1	98.6
120.1									
1996	16	-133.7	-387.5	-86.5	99.1	98.6	89.8	106.4	98.7
91.0									
1997	23	-150.2	-407.1	-180.3	97.8	98.9	88.9	104.8	98.4
123.1									
1998	26	-137.1	-407.8	-195.6	99.1	99.6	88.8	105.6	99.3
121.3									
1999	23	-135.0	-363.3	-191.7	98.3	98.9	88.9	104.1	99.3
113.8									
2000	35	-126.6	-381.0	-133.4	99.3	99.3	88.8	105.7	99.3
109.8									
2001	21	-128.6	-375.1	-142.4	99.0	99.3	89.0	106.7	100.1
96.5									
2002	20	-127.6	-374.9	-114.1	99.4	99.2	88.4	104.8	99.3
97.0									
2003	26	-122.2	-365.5	-150.1	99.2	99.2	89.0	105.0	99.4
109.3									
2004	22	-71.2	-308.0	43.5	99.9	99.9	90.8	107.1	99.8
92.0									
2005	15	-107.6	-329.7	-99.1	99.4	98.9	89.5	105.8	99.1
107.8									
2006	26	-105.3	-341.1	-74.8	99.0	99.6	90.2	105.5	99.5
99.7									
2007	26	-110.6	-347.8	-59.4	99.5	99.2	88.9	105.1	99.3
109.3									
2008	25	-87.8	-307.1	-31.8	99.3	100.4	89.7	104.9	99.5
93.7									
2009	29	-99.3	-315.6	0.9	98.5	99.6	90.8	105.7	99.0
99.1									
2010	30	-66.0	-247.2	19.1	99.2	99.8	90.7	106.3	99.3
82.4									
2011	18	-100.0	-307.3	-83.2	99.4	100.2	90.2	105.2	99.7
61.0									
2012	25	-83.6	-269.4	-25.2	100.0	99.5	90.4	104.3	99.6
57.3									
2013	27	-78.9	-260.1	-14.0	99.2	100.2	90.6	105.1	100.0
66.8									
2014	20	-67.2	-247.0	3.5	99.4	100.6	90.6	106.0	99.6
41.5									
2015	19	-65.6	-221.1	-21.7	99.5	99.5	90.2	104.7	100.7
75.4									
2016	12	-72.2	-240.6	-4.9	99.5	100.3	89.0	104.6	100.7
55.6									
2017	10	-71.4	-206.8	-48.1	98.9	100.1	89.2	105.4	100.7
52.4									

Tabel: 226 Brown Swiss: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1990	10	97.4	102.5	97.4	102.5	95.0	101.9
1991	10	95.0	102.9	95.0	102.9	93.6	102.7
1992	11	96.5	102.7	96.5	102.7	94.9	102.3
1993	14	97.1	102.4	97.1	102.4	94.6	100.9
1994	14	97.4	102.0	97.4	102.0	95.4	101.3
1995	14	95.9	102.8	95.9	102.8	93.7	101.3
1996	12	95.4	103.5	95.4	103.5	93.0	102.9
1997	19	96.2	102.3	96.2	102.3	94.8	102.0
1998	12	97.1	103.0	97.1	103.0	95.2	101.9
1999	18	97.5	102.5	97.5	102.5	95.4	102.1
2000	29	96.6	102.9	96.6	102.9	94.4	102.1
2001	16	95.9	104.1	95.9	104.1	93.8	102.6
2002	16	96.0	103.0	96.0	103.0	93.9	101.9
2003	23	96.7	102.5	96.7	102.5	94.6	101.7
2004	24	97.1	103.0	97.1	103.0	95.1	102.2
2005	18	96.8	102.3	96.8	102.3	95.1	101.8
2006	23	96.7	102.7	96.7	102.7	94.9	102.2
2007	22	96.6	102.9	96.6	102.9	95.0	102.4
2008	25	96.8	102.5	96.8	102.5	94.7	101.5
2009	26	96.7	102.3	96.7	102.3	94.7	101.3
2010	34	96.3	102.6	96.3	102.6	94.7	101.2
2011	24	96.7	102.8	96.7	102.8	95.0	102.5
2012	23	96.1	103.4	96.1	103.4	94.9	102.4
2013	24	96.8	103.0	96.8	103.0	95.2	102.5
2014	26	96.2	103.2	96.2	103.2	94.9	102.4
2015	20	97.2	103.7	97.2	103.7	95.5	102.9
2016	13	97.1	103.4	97.1	103.4	95.6	102.8
2017	12	97.3	103.2	97.3	103.2	95.2	102.0

Tabel: 227 Brown Swiss: Geboortekkenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	11	92.9	111.4	107.9	111.6	96.8	91.2
1991	11	91.6	112.4	109.0	110.9	99.0	92.5
1992	10	91.9	112.7	109.0	112.4	98.4	91.3

1993	17	93.2	112.5	107.8	111.5	98.9	92.6
1994	14	92.4	112.2	108.1	110.7	98.2	92.6
1995	15	92.4	111.4	108.2	111.7	100.3	92.4
1996	12	91.3	112.9	109.4	112.1	98.5	92.3
1997	20	91.8	113.7	109.2	111.7	98.2	92.2
1998	13	92.4	112.4	108.3	111.8	98.9	92.0
1999	22	92.4	112.7	108.7	111.9	97.6	91.8
2000	27	92.7	112.4	108.1	112.2	97.6	90.6
2001	15	92.3	112.8	108.6	112.1	98.9	91.7
2002	12	92.5	112.9	108.3	112.1	96.1	90.2
2003	22	93.1	112.0	107.6	111.4	97.3	91.7
2004	22	93.0	113.4	108.0	111.5	96.2	91.0
2005	15	93.3	112.7	107.5	110.8	97.6	92.5
2006	25	92.2	112.0	108.6	111.3	96.9	91.7
2007	23	90.8	113.2	109.7	111.8	96.8	91.8
2008	19	92.4	113.2	108.2	111.4	95.6	90.5
2009	26	91.4	113.5	109.3	111.5	96.2	91.2
2010	35	91.4	114.2	108.9	110.6	96.1	90.9
2011	21	91.9	112.4	108.8	111.1	96.7	91.6
2012	23	91.8	111.9	108.9	110.4	97.1	92.3
2013	23	91.6	113.8	109.0	110.8	96.3	91.0
2014	28	92.1	113.1	108.4	110.6	96.7	91.3
2015	21	91.0	113.5	109.7	111.3	95.9	91.4
2016	11	92.5	112.0	107.9	110.6	96.3	90.8
2017	12	91.2	113.6	109.1	110.7	96.5	90.9

Tabel: 228 Brown Swiss: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1990	13	102.2	110.0	97.7	102.6	109.1	102.2	100.8	94.2	110.4	98.8	109.4
1991	14	101.6	108.7	98.7	101.6	108.4	103.1	100.3	94.3	109.9	99.5	108.4
1992	10	101.0	109.4	97.9	101.3	109.2	102.6	99.8	92.6	110.8	99.0	108.1
1993	15	100.1	109.6	98.1	101.6	107.9	103.4	98.5	93.8	110.4	99.2	107.9
1994	15	101.1	110.1	97.7	102.3	109.2	103.4	99.3	93.8	111.0	99.3	108.4
1995	19	100.9	109.4	98.3	101.4	109.0	103.1	99.3	94.0	110.5	99.1	107.9

1996	14	101.5	108.9	97.6	102.6	108.5	102.1	100.6	93.3	109.5	98.7
108.9											
1997	19	101.1	109.1	98.9	101.6	108.7	102.8	100.0	93.4	109.8	100.0
107.6											
1998	14	100.9	109.5	98.4	101.9	108.9	103.4	99.8	93.4	110.4	99.8
108.0											
1999	19	101.7	108.2	97.9	101.4	108.2	102.1	100.2	94.9	109.6	98.5
108.5											
2000	26	101.9	108.2	98.5	101.5	108.4	102.5	100.9	94.4	109.5	99.1
108.7											
2001	14	101.2	108.8	99.2	101.6	108.3	103.4	100.2	93.2	109.6	100.8
107.2											
2002	12	101.2	109.1	98.5	101.9	108.4	103.5	100.1	93.6	110.2	100.0
108.0											
2003	19	102.0	108.8	98.7	101.6	108.8	102.9	100.7	94.4	110.0	99.9
107.9											
2004	17	101.1	107.4	98.9	100.8	107.5	103.2	99.7	95.3	108.8	100.1
107.1											
2005	12	102.2	109.2	98.7	102.2	109.7	102.8	101.3	93.3	110.2	100.2
108.6											
2006	20	100.8	107.8	99.2	100.9	108.1	103.5	99.5	93.8	109.2	100.1
107.0											
2007	19	101.3	108.4	98.2	101.5	108.1	102.8	100.2	93.9	109.1	99.6
107.7											
2008	17	102.2	108.0	97.7	102.2	108.4	102.7	101.2	94.2	109.2	99.8
108.2											
2009	13	101.6	107.7	97.5	101.9	107.7	102.6	100.4	94.7	108.6	99.5
107.7											
2010	20	101.7	106.5	98.5	101.2	107.5	102.2	101.0	94.2	107.8	99.8
107.1											
2012	16	103.0	108.1	98.8	102.3	108.8	102.1	102.1	94.3	109.0	99.8
108.4											
2013	16	102.0	107.1	97.1	102.1	107.6	102.1	101.3	94.8	108.4	99.2
108.2											
2014	11	101.5	106.0	99.3	101.6	106.0	103.5	100.8	95.1	107.1	101.1
106.9											
2015	10	102.4	107.7	97.3	102.5	108.4	101.7	101.8	94.1	108.6	99.0
108.4											

Tabel: 229 Brown Swiss: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	10	90.5	98.8	83.0
1993	12	90.2	98.8	82.2

1994	14	90.4	98.6	83.1
1995	14	89.0	97.8	81.4
1996	11	90.2	98.5	82.2
1997	20	89.5	98.1	82.5
1998	12	90.6	99.1	82.3
1999	18	91.2	99.5	83.1
2000	26	90.5	98.7	83.0
2001	16	90.9	99.0	83.4
2002	15	91.2	99.2	83.7
2003	20	91.6	99.4	84.2
2004	22	92.2	100.5	84.0
2005	16	89.8	98.5	82.1
2006	18	91.3	99.6	83.2
2007	21	91.0	99.5	83.0
2008	17	92.8	100.5	84.4
2009	25	93.0	100.8	84.0
2010	33	92.7	100.2	84.6
2011	20	93.2	100.8	85.0
2012	18	91.3	99.7	83.3
2013	17	92.9	100.5	84.7
2014	20	93.3	100.5	85.7
2015	12	93.8	101.0	86.2

Tabel: 230 Brown Swiss: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	22	-2791.8	-11500.5	-477.4	-397.8
2002	19	-2579.7	-10768.9	-443.9	-365.4
2003	27	-2741.1	-11226.3	-468.4	-390.9
2004	22	-1546.0	-6187.7	-256.6	-224.9
2005	15	-2522.0	-10568.1	-425.0	-361.9
2006	25	-2248.7	-9130.2	-383.7	-321.4
2007	24	-2296.7	-9467.8	-398.5	-324.4
2008	25	-1913.1	-7761.1	-329.6	-271.7
2009	31	-1823.6	-7233.8	-318.2	-257.6
2010	33	-1440.7	-5665.2	-249.7	-204.5
2011	20	-2216.8	-9188.0	-386.1	-312.4
2012	24	-1720.8	-7015.9	-300.0	-242.6
2013	27	-1700.6	-6998.9	-298.4	-238.6
2014	23	-1467.3	-5658.1	-266.5	-202.5
2015	17	-1551.1	-6253.6	-274.2	-217.0
2016	11	-1357.1	-5279.9	-245.2	-187.7
2017	11	-1683.2	-6642.9	-302.3	-233.5

Tabel: 231 Brown Swiss: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1993	12	96.8	91.8	105.0	95.8
1994	12	97.8	92.3	104.4	96.6
1995	12	96.9	91.8	105.9	96.8
1996	10	96.9	93.3	106.3	98.0
1997	16	97.7	93.3	105.9	97.9
1998	10	97.7	92.4	106.0	97.8
1999	18	97.1	92.7	105.7	97.1
2000	25	96.6	92.3	106.0	96.8
2001	12	96.7	93.5	106.4	97.9
2002	12	97.8	93.8	105.6	98.6
2003	15	97.5	92.5	105.3	97.3
2004	19	97.9	94.7	105.9	99.4
2006	19	96.7	92.5	105.9	97.1
2007	16	98.4	93.6	105.9	99.1
2008	17	97.8	94.8	106.3	99.4
2009	19	97.7	95.8	105.5	99.3
2010	22	97.4	96.5	106.3	100.2
2011	13	99.2	94.6	105.6	100.0
2012	11	98.2	96.0	106.5	100.7
2013	16	98.1	94.4	105.4	98.8

Tabel: 232 Brown Swiss: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1990	18	97.3	99.5	18	-5.3	149.3	0	0.0
1991	16	97.7	101.3	15	-4.8	119.4	0	0.0
1992	14	98.2	101.2	12	-4.8	126.6	0	0.0
1993	21	97.0	101.1	19	-5.1	129.3	0	0.0
1994	18	97.3	99.8	14	-4.9	122.2	0	0.0
1995	23	97.0	100.4	19	-4.5	120.1	0	0.0
1996	16	97.8	101.4	12	-4.0	91.0	0	0.0
1997	23	97.1	100.5	18	-4.7	123.1	0	0.0
1998	26	98.1	101.5	17	-4.5	121.3	0	0.0
1999	23	98.3	100.3	20	-4.3	113.8	0	0.0
2000	35	97.9	100.8	28	-4.3	109.8	0	0.0
2001	21	98.2	101.5	13	-3.9	96.5	13	94.8
2002	20	98.8	101.2	12	-3.9	97.0	10	94.2
2003	26	98.6	101.2	22	-4.2	109.3	20	94.0

2004	22	99.4	101.2	18	-3.4	92.0	16	94.2
2005	15	97.7	101.5	12	-3.9	107.8	12	94.2
2006	26	98.5	101.1	20	-3.9	99.7	18	94.5
2007	26	98.3	100.6	21	-4.1	109.3	18	94.6
2008	25	99.0	100.6	19	-3.5	93.7	14	94.4
2009	29	98.7	100.1	18	-3.6	99.1	14	95.0
2010	30	99.5	101.0	24	-2.8	82.4	20	94.6
2011	18	98.9	101.6	11	-3.2	61.0	8	98.4
2012	25	98.5	101.9	17	-2.6	57.3	16	97.6
2013	27	99.5	101.0	17	-2.8	66.8	17	96.2
2014	20	99.6	101.2	11	-2.1	41.5	9	97.4
2015	19	99.5	99.7	10	-2.5	75.4	10	95.7
2016	12	100.2	100.8	7	-2.7	55.6	5	97.8
2017	10	100.8	100.4	5	-2.2	52.4	5	95.6

Tabel: 233 Brown Swiss: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	12	100.0	0	0.0	0	0.0	12	99.0
1991	12	99.9	0	0.0	0	0.0	12	97.2
1992	10	99.6	1	96.0	2	99.0	10	99.1
1993	16	99.9	0	0.0	0	0.0	16	98.2
1994	13	100.0	0	0.0	0	0.0	13	99.2
1995	16	99.9	1	99.0	1	101.0	16	97.9
1996	13	99.8	3	99.7	3	99.0	13	99.2
1997	19	100.0	0	0.0	0	0.0	19	97.5
1998	16	99.9	1	99.0	1	100.0	16	98.2
1999	22	99.8	1	96.0	3	98.7	22	98.6
2000	28	99.8	1	93.0	1	98.0	28	99.2
2001	15	99.9	2	99.0	3	100.0	15	99.9
2002	13	99.7	2	98.0	3	99.0	13	100.1
2003	22	99.8	3	99.0	3	99.0	22	98.9
2004	24	99.8	2	98.5	4	98.5	24	99.3
2005	14	99.9	1	97.0	1	103.0	14	98.1
2006	24	99.7	3	99.3	4	98.0	24	98.5
2007	25	99.9	0	0.0	1	94.0	25	99.2
2008	20	99.9	2	98.5	4	100.2	20	99.2
2009	28	100.0	2	99.0	2	100.5	28	99.8
2010	30	99.9	1	99.0	5	99.8	30	99.8
2011	18	99.6	0	0.0	0	0.0	18	100.3
2012	23	99.6	1	101.0	3	99.0	23	99.6
2013	27	99.7	0	0.0	0	0.0	27	99.8
2014	19	99.4	1	97.0	1	101.0	19	99.5
2015	18	99.7	0	0.0	1	100.0	18	100.4
2016	11	99.3	0	0.0	0	0.0	11	99.7



2017            10 100.0            0 0.0            0 0.0            10 99.3

Tabel: 234 Brown Swiss: Reproductiestoornissen

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1995	10	100.8	97.5	101.9	99.2	104.6	99.9
1999	12	100.7	97.0	102.1	98.9	104.8	100.5
2000	12	100.8	97.4	102.1	99.2	104.5	100.4
2003	11	100.9	97.5	102.0	99.4	104.5	100.2
2004	13	100.4	97.1	101.7	99.1	104.5	100.2
2008	12	100.5	97.3	101.4	98.5	104.7	100.4
2010	14	99.8	96.8	100.9	98.2	104.4	100.0

Tabel: 235 Montb liard: Melkproductiekenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1986	11	-1682.3	-92.6	-68.0	-75.5	-26.5	-11.7	1.8	-496.0
1987	12	-1795.4	-86.4	-70.8	-80.8	-9.2	-9.8	1.4	-496.2
1988	21	-1903.2	-92.3	-72.5	-85.6	-11.1	-6.5	1.7	-516.8
1989	26	-2011.2	-94.3	-75.8	-90.6	-6.7	-5.7	1.4	-536.1
1990	24	-1916.0	-90.8	-73.9	-86.2	-8.2	-8.1	1.7	-519.8
1991	19	-1821.7	-90.0	-70.7	-81.9	-12.8	-8.0	1.6	-503.7
1992	26	-1759.7	-86.0	-68.0	-79.0	-11.2	-7.2	1.6	-483.4
1993	23	-1755.4	-84.4	-68.8	-78.9	-8.8	-8.3	1.7	-483.2
1994	28	-1598.9	-79.9	-63.9	-71.8	-12.6	-9.7	1.6	-451.2
1995	17	-1728.5	-86.4	-67.7	-77.6	-13.8	-8.6	1.7	-482.2
1996	29	-1717.0	-84.9	-65.8	-77.1	-12.4	-6.1	1.7	-471.2
1997	33	-1396.5	-72.6	-54.6	-62.5	-14.8	-6.6	1.8	-395.3
1998	27	-1605.6	-78.1	-58.9	-72.1	-8.9	-1.4	1.5	-427.3
1999	31	-1641.6	-82.6	-62.5	-73.6	-14.0	-5.2	1.6	-451.7
2000	30	-1639.1	-80.2	-60.1	-73.6	-9.8	-1.5	1.6	-436.8
2001	27	-1600.4	-75.9	-59.9	-71.9	-5.9	-3.5	1.5	-426.5
2002	21	-1317.4	-71.2	-53.0	-58.3	-18.0	-8.2	2.6	-384.2
2003	31	-1229.4	-66.9	-50.4	-53.8	-16.6	-8.5	3.0	-363.4
2004	22	-1251.6	-70.1	-50.4	-54.3	-20.0	-7.2	4.0	-370.1
2005	25	-1378.7	-72.6	-53.4	-59.3	-15.2	-5.4	5.5	-389.2
2006	24	-1233.8	-67.4	-49.8	-54.7	-16.8	-7.3	2.1	-362.2
2007	24	-933.7	-52.2	-38.6	-41.3	-14.2	-6.9	1.7	-280.3
2008	29	-1070.8	-58.6	-42.7	-47.4	-14.7	-5.6	1.8	-312.6
2009	21	-812.7	-48.1	-34.9	-35.6	-15.4	-7.5	2.0	-254.6

2010	18	-820.6	-51.6	-35.6	-35.9	-19.9	-8.1	2.0	-265.2
2012	13	-900.3	-52.8	-36.9	-40.6	-17.1	-6.0	0.5	-274.8
2013	15	-687.5	-47.6	-30.5	-31.7	-22.9	-7.7	-0.6	-234.4
2014	11	-962.6	-57.0	-39.5	-42.2	-18.6	-6.5	2.2	-294.5
2015	16	-378.7	-35.1	-22.1	-16.2	-22.4	-10.2	1.4	-169.1
2016	13	-439.8	-38.6	-22.5	-17.1	-23.9	-8.2	4.0	-178.2

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

Tabel: 236 Montb liard: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1989	11	93.0	105.4	92.4	83.9	110.7	108.5	91.4
1991	11	92.6	105.9	92.7	84.1	111.2	106.1	91.0
1992	13	93.3	106.2	93.2	84.1	111.0	108.7	91.2
1994	15	93.9	108.0	94.5	84.7	111.3	107.9	91.5
1997	20	95.0	108.2	95.5	84.7	112.2	109.2	91.5
1998	17	94.1	108.5	94.2	83.2	112.6	108.8	90.8
1999	16	93.2	108.1	94.2	84.1	111.4	108.4	91.8
2002	10	94.8	107.7	94.6	85.2	111.6	107.8	91.7
2003	13	96.6	108.6	95.2	86.1	110.9	106.3	93.2
2005	14	94.4	108.8	94.6	83.4	113.4	108.8	91.8
2006	13	95.5	108.2	94.2	84.5	111.8	107.2	91.8
2007	12	96.9	109.8	95.7	85.1	111.8	108.1	91.4
2008	13	95.3	107.9	94.1	84.2	111.9	107.3	93.1
2009	17	95.8	108.9	95.1	84.7	111.5	108.4	92.2

Tabel: 237 Montb liard: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1989	11	98.8	99.0	107.3	100.4	95.0
1991	11	99.0	97.6	106.4	100.3	96.0
1992	13	98.6	98.2	107.6	100.8	95.1
1994	15	99.1	97.1	105.7	100.5	96.6
1997	20	100.0	97.5	105.5	101.2	97.5
1998	17	100.2	98.4	105.9	101.2	97.2
1999	16	100.1	99.2	105.4	101.5	96.4
2002	10	100.3	97.2	107.6	101.7	97.2
2003	13	102.1	96.3	109.9	103.5	98.7
2005	14	100.8	96.2	107.0	102.4	98.5
2006	13	101.4	96.3	108.3	102.8	97.9

2007	12	101.8	95.8	108.7	103.2	97.7
2008	13	100.0	97.2	107.7	102.1	96.8
2009	17	100.6	96.9	107.5	102.1	97.3

Tabel: 238 Montb liard: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1989	11	86.5	89.5	104.4	89.3	80.4	89.9	90.0
92.0								
1991	11	86.7	89.7	104.5	89.3	81.9	90.5	90.5
93.2								
1992	13	86.1	88.8	104.8	88.3	79.8	89.6	89.3
91.5								
1994	15	85.8	89.9	106.5	87.8	81.9	89.1	88.3
92.9								
1997	20	85.8	89.1	104.7	88.7	81.0	90.4	89.5
91.7								
1998	17	85.8	89.1	103.8	88.6	80.7	90.6	89.5
92.2								
1999	16	86.5	89.8	105.4	88.5	81.8	90.4	89.6
93.1								
2002	10	87.0	90.7	104.6	89.3	82.5	91.3	91.0
93.2								
2003	13	87.9	90.0	104.0	90.2	82.8	91.7	90.8
93.6								
2005	14	87.0	92.0	104.0	88.6	81.7	91.1	90.6
91.6								
2006	13	87.2	89.2	104.4	89.6	82.1	91.1	89.8
92.0								
2007	12	85.2	90.2	105.4	88.2	80.1	90.6	90.0
91.8								
2008	13	87.2	90.5	103.9	89.1	81.2	89.9	89.4
91.2								
2009	17	86.4	90.3	104.9	88.8	81.3	90.6	89.9
92.3								

Tabel: 239 Montb liard: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
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1989	11	89.9	93.4	81.1	96.7	0.0	84.2
1991	11	89.9	93.6	81.9	96.6	0.0	84.6
1992	13	90.3	93.7	80.3	96.5	0.0	83.9
1994	15	91.1	94.2	81.0	97.2	0.0	84.9
1997	20	91.7	94.7	81.0	98.0	0.0	85.6
1998	17	90.5	93.6	81.0	98.1	0.0	85.1
1999	16	90.4	93.6	81.6	97.7	0.0	85.3
2002	10	91.5	94.8	82.7	98.2	0.0	86.5
2003	13	92.7	95.1	83.5	99.8	0.0	88.2
2005	14	90.9	94.3	82.1	98.9	0.0	86.4
2006	13	91.6	94.0	82.5	98.9	0.0	86.7
2007	12	92.3	94.1	80.1	98.7	0.0	85.7
2008	13	91.8	94.5	81.9	97.8	0.0	85.9
2009	17	91.9	94.1	81.7	98.1	0.0	85.9

Tabel: 240 Montb liard: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1986	11	103.5	103.2	101.2	102.0	101.2	98.4	85.5	102.4
101.1									
1988	14	103.1	103.4	100.6	101.7	100.7	97.8	85.6	102.3
100.7									
1989	19	103.2	104.3	101.5	103.1	101.5	98.0	86.9	103.2
101.7									
1990	17	103.2	104.8	101.8	103.5	101.7	97.9	87.0	103.5
101.7									
1991	18	103.4	103.8	101.2	102.4	101.4	98.1	85.1	102.7
101.3									
1992	23	103.0	104.4	101.4	102.8	101.2	97.7	87.6	103.0
101.4									
1993	19	103.4	103.6	101.4	102.5	101.5	97.9	85.7	102.7
101.4									
1994	25	103.3	103.7	101.4	102.4	101.7	97.5	86.1	102.8
101.5									
1995	13	103.0	103.8	101.2	102.5	101.1	97.9	86.2	102.8
101.2									
1996	23	102.5	104.0	100.9	102.5	100.8	97.1	87.1	102.5
100.8									
1997	31	102.5	104.3	101.1	102.8	101.0	97.6	87.0	102.7
101.1									
1998	26	102.8	104.0	100.8	102.5	101.1	97.5	85.5	102.5
101.0									

1999	32	102.6	103.7	100.8	102.2	101.0	97.3	86.0	102.4
100.8									
2000	31	102.4	103.6	100.6	102.1	100.6	97.5	86.1	102.3
100.7									
2001	27	103.0	103.0	100.6	101.6	100.9	97.7	85.8	102.0
100.7									
2002	21	102.1	103.6	100.4	101.9	100.5	97.7	86.9	102.1
100.6									
2003	39	102.9	103.4	101.2	102.2	101.1	97.8	87.4	102.6
101.1									
2004	39	103.2	103.2	101.0	102.0	101.2	97.9	86.8	102.3
101.0									
2005	32	103.1	103.3	101.1	102.1	101.2	97.6	86.2	102.5
101.0									
2006	29	103.3	104.3	102.2	103.3	102.0	97.5	87.1	103.6
101.9									
2007	29	103.6	103.8	101.9	103.0	102.2	96.8	87.4	103.1
101.7									
2008	29	101.8	104.9	101.3	103.0	100.8	96.5	88.8	103.4
101.0									
2009	31	101.5	105.1	101.5	103.3	101.1	97.4	89.4	103.5
101.5									
2010	30	103.6	103.2	101.7	102.6	101.9	98.0	87.8	102.8
101.5									
2011	14	101.6	103.5	100.4	102.1	100.4	96.3	88.6	102.1
100.1									
2012	17	103.9	103.3	102.2	102.8	102.4	98.2	87.9	103.1
101.9									
2013	17	102.5	102.9	100.9	101.9	101.1	97.4	88.5	102.2
100.8									
2014	14	103.3	103.2	101.9	102.4	101.8	97.8	88.9	102.7
101.6									
2015	18	103.7	102.1	101.4	101.8	101.9	97.9	90.1	101.9
101.1									
2016	14	102.2	103.4	101.5	102.4	101.4	97.4	90.5	102.6
101.2									

Tabel: 241 Montb liard: Gebruikskennmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1988	10	97.6	91.1	97.2	97.9	101.5
1989	13	97.9	91.1	96.8	97.6	101.4
1990	10	97.6	90.1	95.9	96.8	101.2
1991	10	96.9	90.3	96.6	97.5	101.8

1992	14	97.7	90.7	96.8	97.5	101.5
1993	12	94.3	89.2	96.4	96.7	100.4
1994	14	94.5	89.6	96.0	96.8	100.2
1995	10	96.3	88.9	96.4	96.9	100.9
1996	11	95.7	88.8	96.2	97.3	100.5
1997	23	96.4	89.2	97.3	98.1	100.2
1998	17	97.6	89.4	97.3	97.4	100.5
1999	16	98.8	91.1	96.5	96.9	100.8
2002	11	97.9	89.5	97.9	97.5	100.4
2003	14	98.7	89.8	98.2	98.2	100.9
2005	14	97.2	90.8	98.5	98.6	101.2
2006	12	98.8	90.2	97.7	98.2	101.4
2007	13	98.2	89.0	99.0	99.2	101.8
2008	13	98.8	91.4	98.0	98.7	101.2
2009	18	98.3	90.8	98.2	98.1	101.2

Tabel: 242 Montb liard: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1986	11	-170.2	-496.0	49.0	100.7	101.1	82.9	98.1	96.8
87.8									
1987	12	-164.5	-496.2	-332.0	100.3	100.0	81.0	97.0	97.2
118.4									
1988	21	-165.8	-516.8	-244.7	99.9	100.7	83.1	97.4	97.1
139.8									
1989	26	-197.6	-536.1	-279.6	99.8	101.7	81.1	96.7	97.8
120.8									
1990	24	-180.2	-519.8	-220.7	99.4	101.7	81.9	96.6	98.1
122.4									
1991	19	-201.0	-503.7	-236.9	99.9	101.3	81.9	96.6	97.2
75.4									
1992	26	-195.5	-483.4	-254.5	99.8	101.4	80.3	96.5	97.7
81.3									
1993	23	-197.4	-483.2	-293.6	98.6	101.4	80.7	97.6	96.8
79.0									
1994	28	-209.9	-451.2	-299.7	98.6	101.5	81.0	97.2	96.5
45.9									
1995	17	-184.5	-482.2	-327.6	99.2	101.2	81.8	96.4	97.0
100.2									
1996	29	-203.4	-471.2	-287.3	99.1	100.8	80.4	98.1	97.4
67.9									

1997	33	-193.6	-395.3	-338.3	99.2	101.1	81.0	98.0	97.9
39.6									
1998	27	-213.8	-427.3	-313.9	99.1	101.0	81.0	98.1	97.9
29.0									
1999	31	-216.1	-451.7	-317.8	99.1	100.8	81.6	97.7	97.3
49.5									
2000	30	-212.0	-436.8	-325.1	98.7	100.7	80.1	98.6	98.0
31.1									
2001	27	-195.9	-426.5	-313.8	99.3	100.7	80.6	97.5	96.8
43.7									
2002	21	-212.0	-384.2	-350.9	99.1	100.6	82.7	98.2	97.8
11.0									
2003	31	-181.6	-363.4	-279.3	99.6	101.1	83.5	99.8	97.6
16.8									
2004	22	-190.1	-370.1	-312.6	100.2	101.0	81.8	99.9	97.1
8.2									
2005	25	-208.8	-389.2	-367.3	100.1	101.0	82.1	98.9	97.9
-7.5									
2006	24	-186.9	-362.2	-331.6	100.0	101.9	82.5	98.9	98.0
-4.4									
2007	24	-172.6	-280.3	-318.6	100.8	101.7	80.1	98.7	97.2
-24.4									
2008	29	-173.8	-312.6	-288.3	100.1	101.0	81.9	97.8	97.2
6.9									
2009	21	-156.3	-254.6	-282.0	99.9	101.5	81.7	98.1	97.8
-14.3									
2010	18	-158.1	-265.2	-297.1	99.6	101.5	83.6	100.7	96.4
-19.9									
2012	13	-165.1	-274.8	-296.0	99.5	101.9	0.0	0.0	97.1
0.0									
2013	15	-151.5	-234.4	-280.4	99.9	100.8	82.8	100.0	96.4
-17.3									
2014	11	-162.9	-294.5	-330.5	99.5	101.6	0.0	0.0	97.2
59.5									
2015	16	-125.6	-169.1	-224.4	99.4	101.1	0.0	0.0	97.2
75.0									
2016	13	-131.8	-178.2	-238.5	99.6	101.2	0.0	0.0	97.9
0.0									

Tabel: 243 Montb liard: Klauwgezondheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2003	11	95.4	91.2	101.4	100.6	93.6	101.1	92.1
2007	10	96.1	92.0	102.0	100.9	94.3	100.0	92.6

Tabel: 244 Montb liard: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	10	94.5	101.6	94.5	101.6	93.8	101.2
1988	13	95.1	101.2	95.1	101.2	93.9	101.5
1989	15	94.6	101.9	94.6	101.9	94.1	101.3
1990	14	95.2	101.9	95.2	101.9	94.4	101.5
1991	11	94.4	102.2	94.4	102.2	93.3	101.7
1992	14	94.4	102.0	94.4	102.0	93.7	101.4
1993	15	94.1	101.3	94.1	101.3	92.1	102.0
1994	20	93.8	101.5	93.8	101.5	92.6	101.8
1996	14	94.8	101.6	94.8	101.6	93.8	101.9
1997	28	94.5	102.6	94.5	102.6	93.9	103.4
1998	20	94.0	102.6	94.0	102.6	93.5	103.0
1999	24	93.4	102.4	93.4	102.4	92.9	102.1
2000	17	93.7	102.2	93.7	102.2	93.2	102.5
2001	10	93.8	101.2	93.8	101.2	92.5	101.6
2002	13	93.9	103.0	93.9	103.0	93.4	102.3
2003	20	93.0	102.8	93.0	102.8	93.8	102.7
2004	19	93.6	102.2	93.6	102.2	93.6	102.4
2005	20	94.7	102.5	94.7	102.5	94.2	102.5
2006	21	93.8	102.7	93.8	102.7	93.6	102.6
2007	24	93.5	102.5	93.5	102.5	92.7	102.9
2008	26	93.7	102.2	93.7	102.2	93.1	101.8
2009	30	94.0	102.7	94.0	102.7	93.0	102.4
2010	32	93.0	101.6	93.0	101.6	92.3	101.9
2011	16	93.1	101.8	93.1	101.8	92.8	101.4
2012	18	93.6	101.9	93.6	101.9	93.6	102.1
2013	19	92.5	101.8	92.5	101.8	92.6	101.9
2014	16	93.9	101.9	93.9	101.9	93.4	101.5
2015	24	94.1	101.8	94.1	101.8	94.0	101.6
2016	19	94.4	102.4	94.4	102.4	93.9	101.6

Tabel: 245 Montb liard: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1986	10	89.3	112.3	113.2	109.4	93.9	91.6
1989	12	87.5	112.2	114.8	108.7	90.4	90.2
1990	11	87.0	112.7	115.2	108.8	89.5	89.7



1991	12	86.7	112.4	115.2	109.2	90.0	89.2
1992	13	87.9	112.3	114.2	107.9	92.6	91.9
1993	14	86.1	111.7	116.3	111.2	92.2	88.9
1994	18	86.6	111.8	115.7	110.6	91.9	89.2
1996	13	86.8	110.7	115.9	110.8	89.5	88.9
1997	27	87.3	111.7	115.5	111.9	88.2	86.8
1998	18	87.8	111.9	114.8	110.4	89.2	88.6
1999	18	87.0	111.3	115.1	107.9	91.6	91.6
2000	15	88.3	111.8	114.3	108.5	91.3	91.1
2001	10	87.1	111.5	115.4	109.4	89.8	89.5
2002	10	87.3	112.6	115.6	109.8	90.3	90.4
2003	20	86.3	111.5	116.5	111.1	90.8	89.8
2004	16	86.9	112.4	115.9	110.6	91.3	90.1
2005	15	88.5	113.1	114.1	109.5	92.2	91.2
2006	14	87.6	110.6	115.4	111.1	90.9	89.8
2007	16	87.2	111.9	115.4	110.8	92.1	89.5
2008	16	87.4	112.1	115.1	109.5	92.4	91.6
2009	24	87.0	112.4	115.5	109.8	92.6	90.8
2010	22	87.2	112.2	115.6	109.3	92.0	91.6
2011	13	86.9	111.5	115.3	108.9	91.3	90.9
2012	12	87.7	111.2	114.5	109.3	91.0	90.9
2013	18	88.4	111.1	113.9	108.5	92.2	90.9
2015	26	88.2	110.9	113.8	107.3	93.3	92.1
2016	12	88.8	109.9	113.1	106.8	94.9	93.7

Tabel: 246 Montb liard: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1986	11	104.7	121.4	99.5	105.8	114.1	104.2	101.1	96.9	117.8	103.6	106.5
1988	14	105.6	119.5	100.4	104.9	114.1	103.5	102.8	96.5	116.5	103.9	106.6
1989	14	107.1	120.9	99.3	105.4	116.6	102.9	103.9	95.6	118.5	102.1	108.9
1990	13	105.9	121.5	99.9	105.3	116.1	103.9	102.5	95.4	119.3	102.5	108.5
1991	13	105.2	121.3	100.0	105.8	114.2	104.3	101.5	96.9	118.2	103.2	107.2
1992	14	106.4	121.3	100.2	105.9	116.0	104.0	102.9	95.9	118.9	103.1	108.5
1993	14	103.9	121.4	100.1	106.5	113.4	105.0	100.3	95.6	118.1	103.4	107.9

1994	20	104.6	121.7	99.0	106.6	114.2	104.7	100.9	96.5	118.5	103.0
107.7											
1995	11	104.5	121.8	99.5	106.4	114.1	104.7	100.8	96.2	118.3	103.2
107.6											
1996	15	105.3	121.9	99.6	107.0	114.1	104.6	102.1	95.7	117.9	103.9
108.2											
1997	28	104.4	121.0	99.6	106.7	112.9	105.0	101.0	96.4	117.2	103.1
108.1											
1998	20	104.8	121.0	99.3	106.5	113.5	104.0	101.5	96.8	117.2	102.5
107.8											
1999	22	105.8	120.5	99.6	106.0	115.3	103.1	102.9	95.8	117.3	102.7
107.7											
2000	22	106.0	120.8	100.0	106.2	115.0	103.8	102.7	96.5	117.5	102.8
108.3											
2001	17	105.6	120.9	100.0	106.9	113.8	105.0	102.4	96.7	117.4	104.0
108.5											
2002	12	105.8	119.9	99.9	106.7	113.2	104.2	102.7	97.2	116.3	103.8
108.0											
2003	25	105.8	120.3	100.3	106.9	113.7	104.2	102.4	97.4	116.7	103.7
108.0											
2004	27	105.1	120.0	99.4	106.3	113.1	104.3	101.6	97.5	116.6	103.1
107.6											
2005	25	104.8	120.6	99.3	106.0	113.3	104.6	100.8	97.8	117.4	103.1
107.5											
2006	23	105.2	118.8	100.2	105.7	113.4	104.0	102.1	97.0	115.9	103.7
107.0											
2007	20	105.1	120.2	99.3	108.0	112.5	104.8	102.2	96.5	115.9	104.0
107.4											
2008	25	105.4	120.0	99.2	107.9	112.6	104.6	102.3	97.0	116.0	103.4
108.8											
2009	21	104.9	119.8	100.2	107.1	113.0	104.7	102.4	95.3	116.0	103.5
108.4											
2010	16	105.6	118.1	100.1	107.0	112.4	103.6	103.2	96.4	114.6	103.4
107.9											

Tabel: 247 Montb liard: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1986	10	90.3	96.7	83.5
1988	10	91.3	96.7	84.9
1989	12	92.2	98.6	84.0
1990	11	93.7	99.8	85.2
1991	12	92.5	98.5	85.1
1992	13	92.5	98.9	84.5

1993	14	91.4	98.4	84.1
1994	20	90.9	97.2	84.0
1996	13	92.5	98.2	85.9
1997	28	92.7	98.5	84.8
1998	19	92.6	98.9	83.8
1999	19	94.1	99.9	85.9
2000	14	94.1	100.1	85.6
2001	10	92.6	98.9	84.4
2002	10	92.7	99.0	84.8
2003	18	93.7	99.3	87.1
2004	16	92.4	98.2	85.1
2005	17	91.9	98.1	84.3
2006	14	94.4	100.0	86.8
2007	16	90.6	98.6	82.4
2008	12	91.6	98.1	84.3
2009	18	93.5	99.6	85.1
2010	15	92.4	98.6	85.0
2013	11	93.7	99.8	85.8

Tabel: 248 Montb liard: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	25	-3696.9	-14563.1	-645.0	-522.5
2002	20	-3738.4	-14430.2	-659.3	-525.7
2003	31	-3367.6	-12834.5	-594.1	-473.9
2004	21	-3530.5	-13481.0	-626.0	-494.9
2005	25	-3872.6	-15023.6	-683.3	-543.6
2006	24	-3566.0	-13650.3	-630.1	-501.2
2007	24	-3305.5	-12722.9	-581.9	-465.5
2008	29	-3244.2	-12436.2	-573.8	-455.6
2009	24	-3079.6	-11681.8	-544.2	-433.2
2010	18	-3148.8	-11950.6	-560.7	-440.7
2012	13	-3156.9	-12055.3	-560.1	-442.8
2013	15	-2965.5	-11181.1	-532.3	-413.3
2014	11	-3394.6	-13005.7	-602.5	-475.8
2015	16	-2449.5	-8880.6	-440.7	-341.9
2016	13	-2565.6	-9415.5	-466.9	-354.8

Tabel: 249 Montb liard: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
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1992	12	95.1	93.8	98.9	90.8
1993	10	93.9	92.5	98.6	88.4
1994	15	94.6	92.7	98.7	89.4
1996	11	95.3	93.4	99.5	90.9
1997	25	94.8	94.0	98.7	90.4
1998	16	95.1	93.7	98.6	90.5
1999	13	97.5	95.5	97.8	93.0
2000	10	97.1	94.2	97.8	91.8
2003	17	95.8	95.5	98.5	92.6
2004	14	94.6	94.2	98.8	90.6
2005	11	94.4	94.0	97.4	89.5
2006	12	95.3	96.0	98.6	92.0
2007	13	93.9	95.9	98.5	91.2
2009	18	96.0	96.1	97.8	92.4
2010	10	96.3	97.1	97.7	92.9

Tabel: 250 Montb liard: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1986	11	99.1	98.9	11	-4.8	87.8	0	0.0
1987	12	97.3	98.9	12	-5.2	118.4	0	0.0
1988	21	97.7	99.0	18	-5.7	139.8	0	0.0
1989	26	96.8	98.7	20	-5.6	120.8	0	0.0
1990	24	97.0	98.8	18	-5.5	122.4	0	0.0
1991	19	98.2	99.0	15	-4.5	75.4	0	0.0
1992	26	97.4	98.1	20	-4.4	81.3	0	0.0
1993	23	97.5	98.7	19	-4.5	79.0	0	0.0
1994	28	97.3	98.1	18	-3.6	45.9	0	0.0
1995	17	98.0	98.8	13	-4.8	100.2	0	0.0
1996	29	97.8	98.7	19	-4.1	67.9	0	0.0
1997	33	98.5	99.0	25	-3.2	39.6	0	0.0
1998	27	98.1	99.5	21	-3.2	29.0	0	0.0
1999	31	97.5	98.5	20	-3.6	49.5	0	0.0
2000	30	98.5	99.0	17	-3.3	31.1	0	0.0
2001	27	98.8	98.8	15	-3.3	43.7	8	104.0
2002	21	99.5	98.9	11	-2.6	11.0	10	104.6
2003	31	100.2	99.1	19	-2.5	16.8	13	105.8
2004	22	99.0	98.9	10	-2.4	8.2	8	106.4
2005	25	98.7	97.7	15	-2.2	-7.5	14	106.2
2006	24	97.7	99.0	13	-1.8	-4.4	13	105.1
2007	24	99.5	98.0	12	-1.5	-24.4	12	106.6
2008	29	99.7	99.1	16	-2.3	6.9	13	105.4
2009	21	100.0	98.3	17	-1.4	-14.3	17	105.9
2010	18	99.0	98.6	8	-0.9	-19.9	7	107.4

2012	13	99.9	97.4	0	0.0	0.0	0	0.0
2013	15	98.9	97.7	6	-0.9	-17.3	5	107.2
2014	11	99.7	97.0	2	-2.9	59.5	0	0.0
2015	16	100.0	96.0	1	-2.9	75.0	0	0.0
2016	13	99.4	95.8	0	0.0	0.0	0	0.0

Tabel: 251 Montb liard: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	10	100.0	0	0.0	0	0.0	10	99.2
1988	10	100.0	0	0.0	0	0.0	10	100.2
1989	11	100.0	0	0.0	0	0.0	11	99.5
1990	12	100.0	0	0.0	0	0.0	12	99.5
1991	11	100.0	0	0.0	0	0.0	11	100.1
1992	14	100.0	0	0.0	0	0.0	14	99.6
1993	13	99.9	0	0.0	1	99.0	13	99.2
1994	20	100.1	1	103.0	1	99.0	20	99.4
1996	16	100.0	0	0.0	0	0.0	16	99.5
1997	27	100.0	1	102.0	1	97.0	27	100.6
1998	20	100.1	1	102.0	1	102.0	20	100.0
1999	19	100.0	0	0.0	0	0.0	19	100.1
2000	14	100.0	0	0.0	2	99.5	14	100.2
2001	11	100.0	0	0.0	0	0.0	11	100.5
2002	12	100.3	2	102.5	2	100.0	12	100.2
2003	23	100.0	0	0.0	2	99.5	23	100.3
2004	19	100.0	0	0.0	2	101.0	19	100.5
2005	14	100.0	0	0.0	0	0.0	14	99.3
2006	18	100.2	1	103.0	2	101.0	18	100.8
2007	16	100.3	4	102.0	5	97.2	16	102.1
2008	17	100.0	0	0.0	0	0.0	17	100.9
2009	21	100.2	2	103.0	2	99.0	21	100.7
2010	18	100.3	2	102.5	3	100.3	18	99.8
2012	13	100.2	0	0.0	0	0.0	13	100.6
2013	14	100.0	0	0.0	0	0.0	14	100.9
2014	10	99.9	0	0.0	0	0.0	10	100.7
2015	16	99.9	0	0.0	0	0.0	16	99.7
2016	12	100.0	0	0.0	0	0.0	12	99.2

Tabel: 252 Montb liard: Reproductiestoornissen  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
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1997	18	103.5	101.1	103.4	101.5	105.6	102.3
1998	14	103.7	101.2	104.4	101.9	105.4	102.1
1999	11	103.5	100.9	104.3	102.1	105.5	102.3
2003	11	104.2	101.4	104.8	102.2	105.8	102.2

Tabel: 253 Piemontese: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
2005	10	94.6	100.9	94.4	95.8	92.2	90.1	77.2	97.1
		93.2							
2007	11	96.0	100.7	95.4	96.4	93.6	92.3	78.0	97.5
		94.5							

Tabel: 254 Piemontese: Geboortekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2021	10	80.1	114.8	117.2	106.5	95.2	91.8

Tabel: 255 Blonde d'Aquitaine: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	22	96.0	97.6	92.0	93.0	91.9	80.7	51.7	93.9
		89.3							
1984	16	96.3	96.9	91.8	92.5	91.9	81.3	52.2	93.2
		89.2							
1985	17	97.5	96.9	92.8	93.0	92.9	82.5	50.5	93.8
		90.2							

1986 90.0	23	96.9	96.9	92.5	92.8	92.6	82.3	51.7	93.7
1987 89.0	41	95.7	97.0	91.6	92.3	91.5	81.3	53.0	93.3
1988 89.8	34	97.1	96.3	92.1	92.3	92.4	82.6	52.6	93.2
1989 89.1	40	95.9	97.0	91.5	92.5	91.5	81.2	52.7	93.3
1990 90.3	51	97.0	96.6	92.5	92.7	92.6	83.3	55.0	93.6
1991 89.8	42	96.9	96.5	92.2	92.4	92.3	82.8	54.1	93.4
1992 89.6	73	96.9	96.5	92.1	92.4	92.3	82.0	52.5	93.3
1993 89.3	62	96.4	96.5	91.9	92.2	91.9	82.0	54.2	93.2
1994 89.8	66	96.4	97.0	92.2	92.6	92.2	82.3	55.3	93.7
1995 89.9	99	96.5	97.1	92.5	92.9	92.4	82.3	55.1	93.9
1996 90.0	109	96.1	97.6	92.6	93.2	92.2	82.4	56.4	94.2
1997 90.0	110	96.6	97.0	92.4	92.9	92.4	82.7	56.0	93.9
1998 89.8	131	96.1	97.3	92.2	93.0	92.1	82.2	55.8	93.9
1999 89.7	130	96.4	97.0	92.2	92.8	92.2	82.2	54.8	93.7
2000 89.9	168	96.5	97.0	92.3	92.8	92.4	82.5	54.8	93.7
2001 89.8	126	96.4	97.0	92.2	92.8	92.2	82.3	54.3	93.7
2002 90.0	150	96.7	97.0	92.4	92.9	92.5	82.6	54.8	93.9
2003 89.8	165	96.7	96.7	92.1	92.7	92.4	82.5	54.0	93.5
2004 90.1	129	96.9	96.8	92.4	92.8	92.6	82.9	54.6	93.7
2005 89.8	125	96.8	96.6	92.1	92.7	92.4	82.6	54.1	93.4
2006 89.9	159	96.9	96.8	92.2	92.8	92.6	82.6	53.5	93.6
2007 90.0	180	97.3	96.5	92.3	92.7	92.8	82.9	53.6	93.4
2008 89.7	155	97.1	96.4	92.0	92.5	92.5	82.7	53.2	93.2
2009 89.9	127	97.2	96.4	92.2	92.5	92.7	82.7	53.4	93.3
2010 89.9	95	97.3	96.3	92.2	92.5	92.7	82.8	53.8	93.3

2011 89.7	117	96.9	96.3	92.0	92.5	92.5	82.5	53.4	93.2
2012 90.0	116	97.0	96.8	92.3	92.9	92.6	82.5	53.3	93.6
2013 89.7	139	96.9	96.5	92.0	92.6	92.4	82.3	53.6	93.3
2014 90.0	143	97.1	96.5	92.3	92.7	92.7	82.8	54.2	93.5
2015 90.1	158	96.9	96.7	92.4	92.9	92.6	83.0	54.7	93.7
2016 89.8	148	97.0	96.4	92.1	92.6	92.5	82.7	54.4	93.4
2017 90.0	128	97.2	96.3	92.2	92.6	92.7	83.0	54.7	93.3
2018 90.0	119	97.4	96.0	92.2	92.4	92.8	83.3	54.7	93.1
2019 90.1	75	97.6	95.9	92.3	92.3	92.9	83.5	55.2	93.2
2020 89.5	19	97.6	95.6	91.9	92.1	92.6	82.5	52.3	92.7

Tabel: 256 Blonde d'Aquitaine: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	11	70.4	120.7	133.6	0.0	0.0	0.0
1987	10	66.7	122.7	136.7	127.0	94.0	85.0
1989	17	68.4	122.3	135.3	126.5	94.5	81.0
1990	16	67.9	121.5	135.4	127.0	93.5	80.0
1991	13	65.7	121.5	137.2	127.0	93.0	81.0
1992	20	69.5	122.4	134.1	127.8	90.8	78.0
1993	21	69.5	121.4	134.2	128.2	92.2	79.4
1994	20	69.2	122.3	134.3	124.0	93.0	79.0
1995	21	68.0	121.4	135.2	128.5	93.8	83.0
1996	10	71.1	119.8	132.9	128.0	93.0	80.0
1997	27	69.7	121.9	133.7	128.0	93.6	80.7
1998	23	69.0	122.2	134.7	128.6	92.6	80.0
1999	30	69.0	121.5	134.4	127.7	92.7	80.6
2000	45	69.5	122.0	134.1	127.7	93.6	81.2
2001	27	69.9	121.6	133.9	128.1	93.0	80.7
2002	27	70.9	121.4	132.8	128.5	93.7	80.4
2003	48	70.9	121.3	132.8	128.8	93.1	79.4
2004	25	70.1	120.7	133.5	128.6	92.8	78.8
2005	44	69.6	121.7	134.0	129.2	93.6	80.3
2006	63	70.1	121.3	133.5	129.0	94.1	80.5



2007	81	69.5	121.7	134.1	128.2	93.3	80.1
2008	79	69.4	122.3	134.1	127.6	93.5	81.0
2009	92	70.5	120.6	133.1	127.9	92.6	79.8
2010	84	69.9	120.9	133.4	127.9	92.5	79.2
2011	87	70.2	120.7	133.2	128.0	91.7	78.9
2012	76	70.3	120.1	133.4	128.1	91.9	79.4
2013	89	70.6	120.8	132.9	128.1	92.4	79.5
2014	86	70.9	120.5	132.8	128.5	91.3	79.4
2015	97	71.0	120.8	132.7	128.6	91.1	79.1
2016	84	70.5	121.5	133.1	128.1	92.1	79.7
2017	78	70.3	120.2	133.2	128.2	92.0	79.7
2018	92	71.2	121.1	132.4	128.6	92.5	79.3
2019	78	70.7	121.5	132.9	129.0	92.7	78.9
2020	56	69.8	121.3	133.7	127.7	92.9	79.5
2021	57	70.8	120.9	133.2	129.1	92.0	79.4
2022	23	70.1	120.4	133.3	128.7	92.0	80.0
2023	40	70.8	119.6	133.1	130.2	92.2	80.0

Tabel: 257 Blonde d'Aquitaine: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	10	116.9	149.8	106.5	131.9	131.1	115.3	107.2	102.3	132.0	118.7	122.7
1989	12	116.9	148.8	107.6	133.8	128.8	117.2	107.5	102.1	131.2	120.2	125.2
1990	15	116.8	150.3	105.9	134.3	128.7	115.6	107.8	102.1	131.2	118.3	124.7
1991	18	115.4	149.1	105.1	133.9	127.2	115.7	106.6	101.6	129.7	118.2	123.1
1992	23	116.5	149.2	107.6	132.7	129.0	116.1	107.4	101.9	131.4	119.3	124.3
1993	21	115.9	148.3	106.7	134.3	126.9	116.8	107.3	101.9	129.5	119.7	124.2
1994	15	115.5	149.6	106.2	134.0	127.3	115.9	106.8	101.2	129.8	119.0	123.5
1995	21	115.5	148.9	106.3	134.1	126.8	116.7	107.0	101.0	130.3	119.5	124.4
1996	15	115.1	147.5	105.3	133.7	126.1	116.2	106.9	101.3	129.6	118.2	124.1
1997	30	115.5	148.3	106.4	132.2	128.1	115.6	106.6	101.2	130.6	118.1	122.8

1998	25	116.0	149.8	105.3	135.6	127.6	116.4	107.4	101.3	130.1	118.8
124.9											
1999	21	115.9	149.9	106.6	133.7	128.6	116.6	106.7	101.4	131.6	119.5
123.4											
2000	46	115.2	148.7	105.3	133.8	127.0	116.1	106.6	101.0	130.0	118.4
123.3											
2001	30	116.3	148.8	105.3	135.7	127.0	116.6	107.8	101.7	129.3	119.1
125.0											
2002	46	115.1	147.3	106.0	133.2	126.4	116.4	106.6	101.3	129.4	118.5
123.6											
2003	47	115.7	147.9	105.4	133.6	126.9	115.9	107.1	101.6	129.6	118.1
123.8											
2004	41	116.1	147.6	105.3	134.3	126.7	115.6	107.8	101.8	129.0	117.8
124.6											
2005	52	115.9	147.8	105.7	134.8	126.3	116.2	107.8	101.2	129.1	118.3
124.9											
2006	74	115.3	146.9	106.1	133.2	126.2	115.8	107.1	101.2	128.6	117.9
124.3											
2007	84	115.3	146.8	106.2	133.5	125.8	116.1	107.2	101.2	128.5	117.9
124.6											
2008	79	116.4	148.4	105.2	135.4	126.6	116.1	108.1	101.4	129.9	117.9
126.1											
2009	71	115.6	147.1	104.7	135.5	124.8	116.0	108.0	101.2	128.1	117.5
125.9											
2010	54	115.0	147.7	105.8	135.2	124.6	116.4	107.1	100.9	128.4	118.2
125.0											
2011	68	115.5	148.8	106.1	135.7	125.4	116.8	107.3	101.2	129.4	118.5
125.8											
2012	54	114.1	146.6	106.3	133.0	125.0	116.5	106.0	100.9	128.3	118.5
123.0											
2013	63	115.1	147.4	106.0	134.1	125.5	116.3	106.9	101.0	129.1	118.2
124.5											
2014	34	114.5	146.4	106.5	133.0	125.1	116.4	106.4	101.1	128.6	118.4
123.9											
2015	23	115.0	146.0	106.4	133.6	124.4	116.5	107.1	101.0	128.2	118.1
124.9											
2016	17	114.8	144.8	107.7	131.1	125.2	116.1	106.7	101.2	128.4	118.2
123.8											

Tabel: 258 Normande: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1995	12	-2347.2	-95.8	-81.1	-105.8	15.8	5.7	1.7	-565.2
2000	12	-1952.7	-81.5	-67.2	-87.9	9.8	4.8	1.6	-473.0

2004	22	-2324.8	-90.3	-77.6	-76.3	24.0	10.4	50.7	-530.8
2005	11	-2140.6	-86.3	-71.5	-82.0	15.9	9.1	25.5	-498.8
2006	12	-2404.1	-97.8	-77.2	-85.3	16.9	15.9	41.8	-547.3
2007	30	-2136.3	-85.4	-72.2	-78.5	17.7	7.7	31.8	-499.0
2008	18	-2140.3	-85.3	-70.9	-83.3	18.4	11.0	24.5	-495.2
2010	13	-2030.0	-85.6	-71.2	-82.8	8.5	2.8	15.6	-496.7

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

Tabel: 259 Normande: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1995	12	102.0	103.7	100.8	102.8	100.4	97.9	82.7	102.3
100.9									
2004	22	102.4	103.2	100.7	102.3	100.4	97.4	82.3	102.2
100.5									
2006	13	102.8	102.9	101.0	102.3	100.6	97.6	82.8	102.1
100.7									
2007	30	103.0	103.3	101.5	102.9	101.3	98.6	83.2	102.6
101.4									
2008	16	101.0	103.1	99.8	101.7	99.2	97.1	83.3	101.5
99.7									

Tabel: 260 Normande: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1995	12	-202.6	-565.2	0.0	94.7	100.9	84.0	91.0	97.5
101.9									
2000	12	-164.8	-473.0	-399.2	95.2	101.0	83.0	92.0	0.0
120.5									
2004	22	-230.9	-530.8	-695.3	97.2	100.5	0.0	0.0	0.0
64.4									
2005	11	-201.1	-498.8	-521.2	95.7	100.9	0.0	0.0	0.0
84.3									

2006	12	-241.8	-547.3	-692.3	96.4	100.7	0.0	0.0	0.0
66.9									
2007	30	-211.9	-499.0	-557.6	95.7	101.4	85.5	91.0	97.0
74.8									
2008	18	-216.2	-495.2	-551.7	96.2	99.7	86.0	94.0	97.4
77.0									
2010	13	-174.3	-496.7	-344.6	95.7	101.2	0.0	0.0	99.0
95.4									

Tabel: 261 Normande: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	21	-5729.3	-23072.9	-980.8	-809.0
2006	12	-5757.9	-23214.2	-995.7	-809.5
2007	28	-5040.4	-20311.5	-865.9	-712.6
2008	17	-4992.8	-20128.9	-859.1	-705.9

Tabel: 262 Normande: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1995	12	99.5	96.2	12	-5.5	101.9	0	0.0
2000	12	100.3	96.1	12	-5.2	120.5	0	0.0
2004	22	101.8	96.1	22	-4.4	64.4	0	0.0
2005	11	102.0	96.0	11	-4.7	84.3	0	0.0
2006	12	99.8	95.3	12	-4.7	66.9	0	0.0
2007	30	102.1	96.1	30	-4.5	74.8	2	96.5
2008	18	101.0	95.4	18	-4.5	77.0	1	91.0
2010	13	101.0	96.3	13	-4.8	95.4	0	0.0

Tabel: 263 Normande: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2007	14	100.0	0	0.0	0	0.0	14	99.1
2008	12	100.0	0	0.0	0	0.0	12	99.5

2010            12 100.0            0 0.0            0 0.0            12 100.0

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Tabel: 264 KRB: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2013	31	-298.5	-12.3	-20.2	-7.8	2.1	-14.6	9.7	-110.9
2014	35	-226.4	-12.4	-17.9	-3.7	-3.0	-14.5	11.1	-100.8
2015	38	-305.4	-15.2	-19.3	-6.1	-1.9	-12.1	13.1	-112.7
2016	57	-238.3	-13.6	-17.6	0.5	-4.3	-13.3	18.6	-100.6
2017	79	-286.3	-13.3	-18.1	-4.1	-0.3	-11.7	15.0	-103.5
2018	57	-283.9	-12.8	-17.7	-2.9	0.2	-11.0	16.7	-100.2
2019	58	-326.2	-12.2	-17.4	-6.2	4.3	-8.5	14.5	-98.7
2020	80	-353.9	-14.5	-18.2	-6.5	2.4	-8.0	16.2	-107.2
2021	51	-176.2	-10.1	-16.1	4.0	-2.6	-14.2	19.5	-85.9

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

Tabel: 265 KRB: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
2013	32	98.3	99.5	97.7	98.4	98.6	99.3	94.5	98.3
98.5									
2014	35	98.6	99.2	97.8	98.4	98.8	99.5	94.6	98.2
98.6									
2015	33	99.1	99.3	98.2	98.5	99.2	99.5	94.2	98.6
98.8									
2016	38	98.8	100.1	98.3	99.2	99.2	99.4	93.8	99.0
99.0									
2017	48	98.8	98.9	97.8	98.3	98.8	99.2	94.0	98.1
98.4									
2018	37	99.0	99.7	98.4	98.9	99.2	99.5	94.0	98.9
98.9									
2019	36	99.0	99.1	98.1	98.4	99.0	99.4	94.2	98.4
98.5									
2020	30	99.2	99.2	98.3	98.6	99.2	99.4	94.0	98.4
98.8									

Tabel: 266 KRB: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
2013 16.8	31	-73.5	-110.9	-101.9	96.8	98.5	0.0	0.0	98.0
2014 14.2	35	-66.9	-100.8	-125.2	97.4	98.6	0.0	0.0	98.0
2015 16.7	38	-64.6	-112.7	-111.1	98.0	98.8	0.0	0.0	98.0
2016 16.7	57	-53.5	-100.6	-93.4	98.7	99.0	0.0	0.0	98.0
2017 16.7	79	-60.2	-103.5	-81.6	97.8	98.4	0.0	0.0	98.2
2018 17.1	57	-54.3	-100.2	-59.5	98.2	98.9	0.0	0.0	98.1
2019 16.2	58	-57.3	-98.7	-100.1	98.3	98.5	0.0	0.0	98.5
2020 19.0	80	-60.3	-107.2	-100.2	97.8	98.8	0.0	0.0	98.5
2021 20.1	51	-52.6	-85.9	-93.7	97.5	0.0	0.0	0.0	98.4

Tabel: 267 KRB: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
2020	11	101.0	98.6	101.0	98.6	98.5	99.6
2021	14	100.8	97.9	100.8	97.9	98.6	99.0
2023	18	100.6	98.0	100.6	98.0	98.6	99.0

Tabel: 268 KRB: Geboortekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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2017	34	83.5	103.8	118.4	0.0	0.0	0.0
2018	28	84.0	103.7	118.2	0.0	0.0	0.0
2019	15	83.1	104.1	118.7	0.0	0.0	0.0
2021	12	83.7	103.4	118.6	0.0	0.0	0.0

Tabel: 269 KRB: Levensproductiekenmerken  
Basis: Dubbeloel  
Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2013	30	-1528.7	-5921.9	-235.1	-231.9
2014	35	-1623.6	-6226.8	-257.9	-242.2
2015	38	-1609.3	-6254.8	-256.8	-239.1
2016	57	-1405.1	-5318.4	-221.7	-210.3
2017	79	-1392.2	-5446.3	-217.6	-208.9
2018	57	-1232.9	-4816.4	-189.3	-186.8
2019	58	-1475.5	-6007.2	-231.8	-220.1
2020	78	-1512.7	-6096.3	-240.5	-224.4
2021	49	-1407.8	-5391.7	-219.8	-211.7

Tabel: 270 KRB: Overige productie en efficiency kenm.  
Basis: Dubbeloel  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
2013	31	96.3	95.3	31	-0.8	16.8	0	0.0
2014	35	96.0	95.1	35	-0.7	14.2	0	0.0
2015	38	96.6	94.4	38	-0.9	16.7	0	0.0
2016	57	96.9	96.2	57	-0.7	16.7	0	0.0
2017	79	96.2	94.6	79	-0.8	16.7	0	0.0
2018	57	95.9	95.3	57	-0.8	17.1	0	0.0
2019	58	95.9	95.9	58	-0.8	16.2	0	0.0
2020	80	95.9	96.0	80	-0.9	19.0	0	0.0
2021	51	95.6	95.5	51	-0.7	20.1	0	0.0

Tabel: 271 KRB: Stofwisselingsaandoeningen  
Basis: Dubbeloel  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
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2008	11	99.7	0	0.0	0	0.0	11	94.5
2009	18	99.7	0	0.0	0	0.0	18	95.3
2010	26	99.7	0	0.0	0	0.0	26	94.7
2012	31	99.8	0	0.0	0	0.0	31	95.2
2013	45	99.6	0	0.0	0	0.0	45	94.2
2014	59	99.7	0	0.0	0	0.0	59	94.7
2015	39	99.6	0	0.0	0	0.0	39	94.1
2016	57	99.6	0	0.0	0	0.0	57	94.8
2017	79	99.6	0	0.0	0	0.0	79	94.2
2018	56	99.5	0	0.0	0	0.0	56	93.8
2019	54	99.8	0	0.0	0	0.0	54	95.4
2020	76	99.7	0	0.0	0	0.0	76	94.6
2021	45	99.5	0	0.0	0	0.0	45	94.2

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