

## Genetische trends van koeien in Vlaanderen

Datum: 19-08-2021

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  
F = Frame  
T = Type  
U = Uier  
B = Beenwerk  
Bs = Bespiering  
Ext = Totaal exterieur  
NR56 = Non Return  
IAI = Interval afkalven-1e inseminatie  
IEL = Interval eerste-laatste inseminatie  
TKT = Tussenkalftijd  
DP\_ko = Drachtpercentage-koe  
DP\_pi = Drachtpercentage-pink  
LEI = Leeftijd 1e inseminatie-pink  
Vru = Vruchtbaarheidsindex  
MS = Melksnelheid  
Kar = Karakter

SCC = Celgetal  
SKM = Subklinische mastitis  
KM = Klinische mastitis  
NVI = NVI  
Lvd = Levensduur  
Ugh = Uiergezondheidsindex  
Kgh = Klauwgezondheidsindex  
Bv = Bevangenheid  
Mo = Mortellaro  
Sp = Stinkpoot  
Zz = Zoolzweer  
Ty = Tyloom  
Wld = Wittelij n defect  
LVg = Index Levensvatbaarheid  
LVa = Index Maternale Levensvatbaarheid  
LVg1 = Directe levensvatbaarheid vaarzen  
LVa1 = Maternale levensvatbaarheid vaarzen  
LVg2 = Directe levensvatbaarheid koeien  
LVa2 = Maternale levensvatbaarheid koeien  
Geb = Direct geboorteverloop  
DDt = Directe draagtijd  
DGw = Direct geboortegewicht  
Afk = Maternaal afkalfgemak  
MDt = Maternale draagtijd  
MGw = Maternaal geboortegewicht  
Gin = Geboorteindex  
Be\_ko = Beveleedheid koe  
Ve\_ko = Vetbedekking koe  
Gw\_ko = Gewicht koe  
Be\_ka = Beveleedheid kalf  
Ve\_ka = Vetbedekking kalf  
Gr\_ka = Groei kalf  
Vlkl = Vleeskleur kalf  
Be\_st = Beveleedheid stier  
Ve\_st = Vetbedekking stier  
Gr\_st = Groei stier  
Vlin = Vleesindex  
KaVi1 = Kalvervitaliteit gedurende opfok  
KaVi2 = Kalvervitaliteit gedurende opfok dag 3-14  
KaVi3 = Kalvervitaliteit mestkalveren  
LPin = Levensproductie index  
LPkgM = Levensproductie kg melk  
LPkgV = Levensproductie kg vet  
LPkgE = Levensproductie kg eiwit  
Eff = AMS Efficiency  
Int = AMS Interval  
Gwen = AMS Gewenning  
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 / Slepene 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  
Fleck Vieh  
Brown Swiss  
Montbéliard  
Piemontese  
Blonde d'Aquitaine  
Normande  
KRB

Inhoudsopgave (Vlaanderen)

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Tabel: 250 KRB, basis Y: Overige productie en efficiency kenm.  
Tabel: 251 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	425	-2889.8	-101.2	-98.0	-131.5	37.3	5.1	0.8	-653.9
1981	598	-2902.4	-101.6	-98.5	-132.1	37.4	5.1	0.8	-656.7
1982	701	-2808.0	-97.5	-96.7	-127.7	37.5	2.8	0.8	-639.6
1983	942	-2767.5	-95.3	-96.0	-125.9	37.8	1.4	0.8	-631.4
1984	1083	-2710.5	-90.5	-94.1	-123.3	41.5	1.3	0.8	-612.9
1985	1485	-2652.6	-87.9	-92.2	-120.6	41.4	1.2	0.8	-599.1
1986	2413	-2467.9	-81.0	-86.9	-112.2	39.0	-0.5	0.8	-560.0
1987	3529	-2485.6	-80.0	-86.4	-113.0	41.5	1.1	0.7	-556.2
1988	4974	-2332.5	-74.7	-81.5	-106.0	38.8	0.5	0.7	-522.7
1989	6446	-2235.0	-71.4	-79.2	-101.6	36.9	-1.3	0.7	-505.2
1990	7926	-2063.0	-66.0	-74.2	-93.7	33.5	-2.7	0.7	-471.1
1991	9780	-1949.9	-63.9	-71.1	-88.6	29.2	-3.9	0.7	-452.5
1992	11533	-1803.5	-61.7	-67.0	-81.9	22.7	-5.2	0.7	-428.7
1993	12799	-1693.9	-59.4	-63.9	-76.9	18.9	-6.3	0.7	-410.0
1994	14911	-1564.7	-56.6	-60.3	-71.0	14.8	-7.3	0.6	-387.4
1995	16770	-1445.8	-52.7	-56.0	-65.5	13.0	-7.1	0.6	-360.1
1996	17648	-1295.5	-48.5	-51.3	-58.7	9.9	-7.7	0.6	-329.8
1997	19028	-1220.3	-45.7	-48.7	-55.3	9.2	-7.6	0.6	-312.3
1998	20131	-1106.2	-43.2	-45.1	-50.1	6.0	-7.9	0.6	-290.5
1999	20389	-1035.6	-41.2	-43.0	-46.8	4.7	-8.3	0.6	-276.9
2000	21174	-897.1	-39.4	-39.0	-40.6	-0.3	-9.1	0.5	-254.6
2001	21737	-817.5	-38.5	-36.7	-37.2	-3.5	-9.7	0.2	-242.6
2002	22402	-727.4	-36.2	-34.0	-33.4	-5.5	-10.1	-0.1	-225.5
2003	22601	-681.0	-34.1	-32.8	-32.6	-5.2	-10.6	-1.8	-215.9
2004	22962	-601.3	-31.3	-29.1	-28.6	-6.0	-9.4	-1.4	-193.8
2005	22195	-531.0	-29.2	-26.6	-25.6	-7.0	-9.3	-1.6	-178.2
2006	23100	-434.9	-27.4	-23.0	-20.5	-9.6	-8.8	-0.8	-158.0
2007	22186	-359.8	-25.7	-20.2	-16.9	-11.4	-8.6	-0.5	-142.1
2008	23754	-315.3	-24.6	-18.5	-14.5	-12.2	-8.3	-0.1	-131.7
2009	22781	-256.9	-21.7	-16.3	-11.8	-11.6	-8.0	-0.1	-115.9
2010	22211	-208.6	-18.7	-13.9	-9.5	-10.4	-7.2	0.1	-99.2
2011	22169	-140.5	-15.7	-11.2	-5.5	-10.2	-6.7	1.1	-80.4
2012	22840	-106.1	-13.6	-9.0	-3.9	-9.4	-5.6	1.1	-66.8
2013	23628	-40.5	-10.1	-6.6	-0.6	-8.5	-5.4	1.4	-48.4
2014	24946	53.8	-6.0	-3.5	3.8	-8.3	-5.5	1.4	-25.9
2015	25946	157.9	-0.7	0.1	8.8	-7.2	-5.4	1.8	1.7
2016	26198	279.0	5.6	5.2	14.5	-5.7	-4.3	1.9	37.5
2017	25371	385.7	11.8	9.6	20.0	-3.9	-3.6	2.5	70.1
2018	24746	500.9	16.2	13.9	25.4	-4.5	-3.3	2.7	98.4
2019	7378	513.0	19.5	15.9	26.0	-1.5	-1.6	2.8	114.0

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	101	85.8	95.7	87.7	87.1	105.1	97.7	96.8
1981	180	87.0	95.9	89.1	88.8	104.3	98.0	97.1

1982	246	87.4	95.7	89.5	89.3	103.4	96.9	97.4
1983	323	87.3	95.9	89.2	88.9	104.1	97.1	96.8
1984	428	87.5	96.3	89.6	89.1	104.3	96.9	96.8
1985	663	87.9	96.2	89.7	89.1	104.2	97.3	96.7
1986	1024	88.9	96.1	90.5	89.8	103.3	96.9	96.9
1987	1386	89.0	96.2	91.3	90.5	102.9	96.6	97.0
1988	2183	89.3	96.2	91.6	90.7	102.4	96.6	97.3
1989	3501	89.9	96.2	92.2	91.3	101.9	96.4	97.4
1990	4373	90.4	95.9	92.6	91.8	101.3	96.9	97.4
1991	5539	90.9	95.9	92.9	92.1	100.9	97.1	97.6
1992	6751	91.5	96.3	93.5	92.7	100.7	97.1	97.8
1993	7360	91.9	96.6	94.0	93.2	100.5	97.1	97.8
1994	8724	92.3	96.6	94.4	93.6	100.1	97.1	97.8
1995	9880	92.7	96.7	94.7	94.0	99.9	97.3	97.6
1996	10833	93.0	96.7	95.2	94.5	99.3	97.4	97.3
1997	11445	93.5	96.8	95.4	94.7	99.3	97.7	97.6
1998	12521	94.0	97.1	96.0	95.2	99.1	97.8	97.8
1999	12492	94.2	97.2	96.3	95.6	99.1	98.0	97.9
2000	12854	94.8	97.4	96.7	96.1	98.7	98.4	98.5
2001	13211	95.2	97.2	96.9	96.3	98.4	98.2	98.7
2002	13518	95.6	97.3	97.3	96.7	98.0	98.4	98.8
2003	13607	96.1	97.5	97.9	97.4	97.8	98.4	99.3
2004	13532	96.3	97.7	97.9	97.4	98.0	98.7	99.1
2005	12642	96.9	98.1	98.3	98.0	98.1	99.1	99.2
2006	13073	97.4	98.4	98.7	98.1	98.3	99.4	99.5
2007	12178	97.8	98.7	99.1	98.4	98.4	99.5	100.0
2008	12610	98.1	98.9	99.2	98.5	98.5	99.7	100.3
2009	12668	98.2	98.8	99.2	98.6	98.6	99.6	100.3
2010	13209	98.5	99.0	99.4	98.8	98.8	99.6	100.4
2011	13281	99.1	99.7	99.8	99.2	99.4	99.4	100.5
2012	13785	99.9	99.7	100.1	99.6	99.5	99.4	100.5
2013	14242	100.4	99.6	100.3	100.1	99.3	99.4	100.6
2014	14807	100.8	99.8	100.6	100.6	99.3	99.8	100.7
2015	15128	101.1	100.0	100.7	100.8	99.5	99.7	100.8
2016	14696	101.5	100.2	101.0	101.3	99.5	99.4	101.0
2017	14004	102.1	100.5	101.1	101.5	99.8	99.3	101.3
2018	11989	102.6	100.8	101.5	102.2	99.7	99.7	101.3
2019	1936	102.6	100.7	101.7	102.4	99.5	100.0	101.2

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	101	92.6	101.0	98.1	95.2	89.3
1981	180	93.1	101.6	98.0	95.6	90.2
1982	246	93.4	101.6	97.8	95.7	90.8
1983	323	93.2	101.8	97.6	95.8	90.3
1984	428	93.3	102.0	97.5	96.1	90.5
1985	663	93.3	102.5	97.4	96.4	90.7
1986	1024	94.0	102.5	97.4	96.5	91.3
1987	1386	93.8	103.0	96.9	96.0	91.0
1988	2183	94.2	103.2	96.7	96.1	91.3
1989	3501	94.6	103.4	96.6	96.2	91.8
1990	4373	94.6	103.4	96.6	96.1	91.9

1991	5539	94.9	103.4	96.7	96.2	92.5
1992	6751	94.8	103.4	96.4	96.5	92.6
1993	7360	94.9	103.4	96.6	96.5	92.7
1994	8724	95.2	103.2	96.6	96.5	93.1
1995	9880	95.3	103.3	96.6	96.7	93.6
1996	10833	95.4	103.6	96.3	97.0	93.9
1997	11445	95.7	103.3	96.3	97.1	94.2
1998	12521	95.9	103.1	96.7	97.2	94.5
1999	12492	96.1	103.2	96.7	97.2	94.7
2000	12854	96.1	102.8	96.9	96.8	94.9
2001	13211	96.3	102.8	97.0	96.8	95.2
2002	13518	96.2	102.8	96.8	96.8	95.2
2003	13607	96.6	103.1	96.5	97.3	95.5
2004	13532	96.8	102.3	97.5	97.6	95.9
2005	12642	97.5	102.3	98.0	97.8	96.6
2006	13073	97.5	101.8	98.4	97.4	96.8
2007	12178	97.7	101.3	98.7	97.1	97.0
2008	12610	97.8	100.9	99.2	97.2	97.2
2009	12668	97.9	100.9	99.3	97.5	97.5
2010	13209	98.0	100.8	99.4	98.0	97.6
2011	13281	97.9	100.5	99.6	98.3	97.5
2012	13785	98.2	100.3	99.7	98.6	97.9
2013	14242	98.4	100.3	99.7	98.8	98.3
2014	14807	99.2	100.2	99.9	99.2	98.9
2015	15128	99.8	100.0	100.2	99.5	99.4
2016	14696	100.4	99.9	100.6	100.1	100.1
2017	14004	100.7	99.6	101.1	100.3	100.5
2018	11989	101.1	99.5	101.3	100.9	101.2
2019	1936	101.6	99.5	101.1	101.3	101.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	101	89.3	86.5	100.8	91.2	84.8	88.9	87.9
1981	180	89.6	86.8	101.2	91.6	85.4	89.3	88.6
1982	246	90.8	88.8	101.0	92.5	86.4	91.1	89.9
1983	323	91.3	88.4	100.9	92.9	86.7	90.8	89.6
1984	428	91.6	88.6	100.8	93.0	86.8	90.9	89.7
1985	663	91.7	88.9	100.6	93.1	87.1	91.3	90.1
1986	1024	92.0	89.5	100.3	93.4	87.7	92.0	90.7
1987	1386	91.7	89.3	100.6	93.0	88.1	92.1	90.6
1988	2183	91.9	89.6	100.4	93.0	88.8	92.7	91.2
1989	3501	92.2	89.9	100.3	93.2	89.1	92.9	91.4
1990	4373	92.4	90.4	100.2	93.3	89.6	93.5	92.0
1991	5539	92.6	90.9	100.4	93.5	90.0	94.1	92.6
1992	6751	92.9	91.4	100.6	93.7	90.7	94.3	92.9
1993	7360	92.8	91.6	100.7	93.6	91.2	94.7	93.3
1994	8724	92.9	92.0	100.8	93.8	91.6	95.2	94.1
1995	9880	93.3	92.4	101.0	94.0	92.2	95.4	94.5
1996	10833	93.6	92.7	100.9	93.9	92.3	95.5	94.6
1997	11445	94.1	93.0	100.8	94.3	92.8	95.9	95.0
1998	12521	94.2	93.3	100.7	94.3	93.0	96.2	95.4
1999	12492	94.5	94.0	100.5	94.4	93.5	96.5	96.0

2000	12854	94.6	95.0	100.4	94.5	93.7	97.3	96.9
2001	13211	94.9	95.3	100.7	95.0	94.3	97.8	97.4
2002	13518	95.0	95.9	100.9	95.3	94.6	98.1	97.5
2003	13607	95.6	96.1	100.6	95.5	95.1	98.1	97.7
2004	13532	95.9	96.1	101.0	95.7	95.7	98.3	97.9
2005	12642	96.4	96.6	100.8	96.0	96.3	98.7	98.5
2006	13073	96.7	97.1	100.9	96.4	96.5	99.0	98.9
2007	12178	97.0	97.7	100.7	96.7	96.9	99.1	99.1
2008	12610	97.4	98.0	100.6	97.2	97.4	99.6	99.4
2009	12668	97.7	97.9	100.4	97.5	97.7	99.6	99.2
2010	13209	98.1	98.4	100.0	98.0	97.9	99.7	99.5
2011	13281	98.6	99.1	99.7	98.6	98.1	99.8	99.5
2012	13785	99.4	99.4	99.6	99.5	98.9	99.9	99.7
2013	14242	99.8	99.5	99.9	99.9	99.3	100.0	99.8
2014	14807	100.1	99.9	100.0	100.4	100.1	100.4	100.1
2015	15128	100.7	100.5	100.1	100.9	100.9	100.9	100.6
2016	14696	101.4	100.9	99.9	101.5	101.5	100.9	100.6
2017	14004	102.1	101.0	100.1	102.3	102.0	100.9	100.4
2018	11989	102.9	101.4	100.1	103.1	102.9	101.3	100.5
2019	1936	103.2	101.4	99.9	103.3	103.0	101.0	100.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	101	91.4	91.8	85.0	89.5	0.0	82.6
1981	180	92.3	92.7	85.5	90.2	0.0	83.8
1982	246	92.0	92.6	87.3	90.7	0.0	84.8
1983	323	91.8	92.5	87.7	90.2	0.0	84.7
1984	428	92.0	93.0	88.0	90.4	0.0	85.1
1985	663	92.1	92.9	88.3	90.6	0.0	85.3
1986	1024	92.2	93.1	88.9	91.1	0.0	86.0
1987	1386	92.5	93.6	88.8	90.8	0.0	86.0
1988	2183	92.7	93.6	89.3	91.1	0.0	86.4
1989	3501	92.8	93.8	89.6	91.5	0.0	86.9
1990	4373	93.1	93.8	90.0	91.6	0.0	87.3
1991	5539	93.4	93.8	90.4	92.1	0.0	87.8
1992	6751	93.9	94.4	90.9	92.1	0.0	88.3
1993	7360	94.1	94.8	91.1	92.2	0.0	88.6
1994	8724	94.3	94.9	91.4	92.6	0.0	89.1
1995	9880	94.5	95.1	91.8	93.0	0.0	89.5
1996	10833	94.5	95.1	92.0	93.2	0.0	89.7
1997	11445	94.9	95.4	92.5	93.5	0.0	90.3
1998	12521	95.3	95.8	92.6	93.9	0.0	90.8
1999	12492	95.6	96.1	93.0	94.1	0.0	91.2
2000	12854	96.4	96.5	93.2	94.2	0.0	91.7
2001	13211	96.4	96.4	93.8	94.5	0.0	92.2
2002	13518	96.6	96.5	94.1	94.5	0.0	92.4
2003	13607	97.2	97.0	94.6	94.8	0.0	93.1
2004	13532	97.3	97.1	95.0	95.3	0.0	93.6
2005	12642	97.8	97.7	95.5	96.1	0.0	94.5
2006	13073	98.3	97.9	95.8	96.3	0.0	95.0
2007	12178	98.8	98.3	96.3	96.6	0.0	95.6
2008	12610	99.1	98.5	96.8	96.8	0.0	96.2

2009	12668	99.1	98.7	97.2	97.1	0.0	96.5
2010	13209	99.3	99.0	97.6	97.2	0.0	96.9
2011	13281	99.5	99.6	98.2	97.2	0.0	97.3
2012	13785	99.6	99.9	99.1	97.5	0.0	98.1
2013	14242	99.7	100.1	99.6	97.8	0.0	98.6
2014	14807	100.1	100.5	100.2	98.5	0.0	99.4
2015	15128	100.2	100.8	100.9	99.1	0.0	100.2
2016	14696	100.3	101.1	101.7	99.8	0.0	101.1
2017	14004	100.5	101.5	102.5	100.3	0.0	101.8
2018	11989	100.8	101.8	103.6	100.9	0.0	102.9
2019	1936	100.9	101.7	103.8	101.5	0.0	103.3

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1477	105.1	105.3	104.5	105.7	103.3	99.8	86.9	105.3
1981	1667	106.3	104.2	104.9	105.4	104.0	100.5	87.0	105.2
1982	1751	105.7	103.9	104.2	104.8	103.3	99.7	87.4	104.5
1983	1793	104.8	103.8	103.6	104.3	102.6	100.0	87.3	104.1
1984	1869	104.7	103.0	103.2	103.5	102.4	100.4	87.9	103.5
1985	2251	104.7	102.8	103.1	103.4	102.3	100.6	88.0	103.3
1986	3082	103.8	102.0	102.1	102.4	101.3	99.9	89.0	102.3
1987	3957	103.7	101.8	101.8	102.0	101.0	100.7	89.4	102.0
1988	5260	103.5	101.0	101.2	101.2	100.7	101.1	89.6	101.3
1989	6883	103.2	100.6	100.7	100.7	100.2	101.2	90.3	100.7
1990	8406	103.1	100.3	100.6	100.5	100.2	101.4	91.1	100.6
1991	10370	102.9	100.1	100.3	100.2	99.9	101.3	91.7	100.3
1992	12211	102.5	99.8	99.9	99.7	99.6	101.5	92.2	99.9
1993	13694	102.5	99.4	99.8	99.4	99.6	101.7	92.8	99.6
1994	16382	102.3	98.8	99.2	98.7	99.2	101.2	93.0	99.0
1995	18260	102.1	98.3	98.8	98.2	98.9	101.1	93.7	98.5
1996	19181	101.6	98.3	98.6	98.1	98.7	100.9	94.2	98.4
1997	20456	101.3	98.3	98.6	98.0	98.6	100.6	94.6	98.3
1998	21598	100.9	98.1	98.1	97.6	98.2	100.5	95.5	97.9
1999	21962	100.9	97.7	97.9	97.2	98.0	100.5	95.5	97.6
2000	22812	100.2	97.7	97.4	96.9	97.4	99.9	96.1	97.2
2001	23449	100.2	97.2	97.1	96.5	97.3	99.8	96.4	96.8
2002	24361	100.2	96.9	97.1	96.3	97.3	99.9	97.1	96.7
2003	24742	100.4	96.9	97.3	96.4	97.5	100.1	97.3	96.8
2004	25114	100.0	96.9	96.9	96.3	97.2	99.6	97.2	96.6
2005	24368	99.6	96.9	96.7	96.1	96.9	99.5	97.4	96.4
2006	25251	99.3	97.2	96.6	96.3	96.8	99.0	97.6	96.4
2007	24674	99.1	97.3	96.5	96.3	96.7	98.8	97.9	96.4
2008	27369	99.3	97.4	96.9	96.6	97.1	99.0	98.1	96.7
2009	26849	99.6	97.5	97.3	96.9	97.5	99.4	98.5	97.1
2010	26572	99.7	97.7	97.6	97.2	97.8	99.5	98.6	97.4
2011	26367	99.9	98.3	98.1	97.9	98.3	99.4	98.6	98.0
2012	27772	99.9	98.9	98.6	98.5	98.7	99.6	99.1	98.6
2013	29196	100.1	99.3	99.2	99.0	99.3	99.9	99.6	99.2
2014	31443	100.1	99.8	99.7	99.6	99.8	100.4	100.2	99.7
2015	32700	100.2	99.9	99.9	99.7	100.0	100.6	100.4	99.9
2016	33393	100.5	100.0	100.4	100.2	100.6	100.7	100.9	100.3
2017	32282	100.6	100.2	100.7	100.5	100.9	100.7	101.4	100.6

2018	31925	100.5	100.4	101.0	100.8	101.1	100.9	101.7	100.9
2019	24465	100.5	100.7	101.4	101.1	101.4	100.9	101.9	101.3
2020	392	100.8	100.5	101.6	101.2	101.7	101.0	102.0	101.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	120	100.3	57.0	96.3	99.8	103.5
1981	188	100.0	54.2	96.0	99.3	103.2
1982	227	100.2	65.3	95.9	99.0	102.7
1983	322	100.3	67.5	95.7	99.2	103.2
1984	427	99.7	77.9	95.7	99.1	103.3
1985	658	99.9	75.3	96.1	99.6	103.5
1986	1086	99.5	84.4	95.8	99.3	103.1
1987	1376	99.8	86.7	95.3	98.8	102.7
1988	2189	99.7	92.4	95.1	98.6	102.3
1989	3455	99.8	93.7	94.9	98.4	102.2
1990	4310	99.8	95.1	95.1	98.5	101.7
1991	5419	99.9	95.3	94.7	98.1	101.1
1992	6693	100.1	96.0	94.5	97.9	100.7
1993	7108	100.0	96.1	94.6	97.9	100.6
1994	8624	100.2	96.7	94.5	97.6	100.2
1995	9866	99.9	96.9	94.5	97.3	100.0
1996	10775	100.3	97.0	94.6	97.5	99.4
1997	11440	100.3	97.3	94.8	97.5	99.3
1998	12420	100.1	97.3	94.9	97.5	99.1
1999	12428	100.0	97.5	94.9	97.2	98.9
2000	12854	100.4	98.0	95.0	97.3	98.8
2001	13334	100.1	98.0	95.1	97.3	98.6
2002	13668	100.3	98.2	95.2	97.1	98.3
2003	13715	100.1	98.1	95.3	97.1	98.2
2004	13672	100.1	97.8	95.4	96.9	98.1
2005	12748	100.1	98.5	95.4	96.8	97.9
2006	13150	100.4	98.7	95.9	97.0	98.2
2007	12248	100.5	99.2	95.9	96.9	98.1
2008	12663	100.5	99.5	96.2	97.1	98.2
2009	12688	100.5	99.4	96.5	97.2	98.3
2010	13172	100.7	99.7	96.8	97.4	98.4
2011	13287	100.8	99.7	97.7	98.1	98.8
2012	13791	100.8	99.7	98.2	98.5	99.0
2013	14176	100.9	100.0	98.8	98.9	99.1
2014	14477	100.6	100.2	99.6	99.6	99.6
2015	14882	100.3	100.6	100.4	100.2	100.1
2016	14072	100.0	100.8	101.2	100.9	100.4
2017	13625	99.8	101.0	102.1	101.6	100.8
2018	11636	100.5	101.5	102.5	101.9	100.9
2019	1857	100.6	101.8	102.9	102.2	101.0

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	425	-264.6	-653.9	-316.3	102.1	105.3	85.0	89.5	97.2	86.3
1981	598	-273.5	-656.7	-326.4	101.7	105.2	85.5	90.2	97.2	56.3
1982	701	-278.2	-639.6	-320.6	101.3	104.5	87.3	90.7	98.2	87.7
1983	942	-281.7	-631.4	-338.3	101.7	104.1	87.7	90.2	98.3	69.9
1984	1083	-286.7	-612.9	-354.7	101.7	103.5	88.0	90.4	98.1	58.3
1985	1485	-256.6	-599.1	-345.6	102.1	103.3	88.3	90.6	98.2	110.6
1986	2413	-252.3	-560.0	-344.1	101.7	102.3	88.9	91.1	98.3	104.7
1987	3529	-260.3	-556.2	-374.4	101.2	102.0	88.8	90.8	98.0	99.2
1988	4974	-256.2	-522.7	-383.1	100.8	101.3	89.3	91.1	98.0	94.7
1989	6446	-254.6	-505.2	-392.2	100.6	100.7	89.6	91.5	98.1	90.0
1990	7926	-243.9	-471.1	-389.4	100.4	100.6	90.0	91.6	98.0	87.4
1991	9780	-241.1	-452.5	-403.9	99.8	100.3	90.4	92.1	97.9	84.5
1992	11533	-237.1	-428.7	-395.8	99.5	99.9	90.9	92.1	98.0	79.0
1993	12799	-231.8	-410.0	-384.2	99.4	99.6	91.1	92.2	98.0	75.8
1994	14911	-227.0	-387.4	-376.0	99.0	99.0	91.4	92.6	98.0	74.2
1995	16770	-221.1	-360.1	-373.2	98.8	98.5	91.8	93.0	97.9	69.5
1996	17648	-208.6	-329.8	-341.6	98.4	98.4	92.0	93.2	97.9	68.1
1997	19028	-202.2	-312.3	-334.7	98.4	98.3	92.5	93.5	97.8	64.4
1998	20131	-198.9	-290.5	-336.3	98.2	97.9	92.6	93.9	97.5	59.5
1999	20389	-198.2	-276.9	-343.2	97.9	97.6	93.0	94.1	97.3	56.1
2000	21174	-191.5	-254.6	-330.4	97.9	97.2	93.2	94.2	97.2	52.3
2001	21737	-186.2	-242.6	-316.0	97.8	96.8	93.8	94.5	97.3	51.3
2002	22402	-181.6	-225.5	-310.5	97.5	96.7	94.1	94.5	97.4	48.7
2003	22601	-175.9	-215.9	-309.4	97.5	96.8	94.6	94.8	97.4	44.1
2004	22962	-165.8	-193.8	-292.6	97.3	96.6	95.0	95.3	97.6	41.3
2005	22195	-159.5	-178.2	-291.3	97.1	96.4	95.5	96.1	97.7	36.1
2006	23100	-145.0	-158.0	-261.1	97.5	96.4	95.8	96.3	98.0	29.6
2007	22186	-136.8	-142.1	-243.1	97.3	96.4	96.3	96.6	97.9	24.9
2008	23754	-127.1	-131.7	-224.2	97.5	96.7	96.8	96.8	98.0	22.1
2009	22781	-113.1	-115.9	-193.0	97.6	97.1	97.2	97.1	98.1	20.3
2010	22211	-101.3	-99.2	-174.4	97.7	97.4	97.6	97.2	98.2	16.9
2011	22169	-82.5	-80.4	-134.3	98.3	98.0	98.2	97.2	98.7	9.4
2012	22840	-65.6	-66.8	-103.9	98.6	98.6	99.1	97.5	99.0	5.9
2013	23628	-47.7	-48.4	-70.5	98.9	99.2	99.6	97.8	99.5	3.8
2014	24946	-23.9	-25.9	-25.9	99.5	99.7	100.2	98.5	100.0	0.5
2015	25946	-1.8	1.7	14.3	100.2	99.9	100.9	99.1	100.4	-4.0
2016	26198	27.9	37.5	78.1	100.7	100.3	101.7	99.8	100.9	-8.0
2017	25371	54.4	70.1	137.0	101.3	100.6	102.5	100.3	101.5	-12.4
2018	24746	78.2	98.4	193.9	101.5	100.9	103.6	100.9	102.1	-16.9
2019	7378	93.7	114.0	218.9	101.7	101.3	103.8	101.5	102.4	-14.9

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	26	93.4	94.4	97.7	94.6	94.3	98.4	98.4
1981	53	94.9	96.4	98.2	95.0	96.3	98.6	98.2
1982	64	94.2	95.6	97.8	94.9	95.5	98.2	97.5
1983	59	95.4	95.7	98.6	96.8	95.6	98.9	97.6
1984	58	94.1	94.9	98.0	95.3	94.9	98.6	97.8
1985	82	94.6	94.8	98.4	96.3	94.5	99.1	97.6

1986	192	94.3	94.5	98.6	96.2	93.9	99.0	96.9
1987	159	94.3	94.7	98.5	95.9	94.2	99.0	97.1
1988	252	95.6	95.2	100.0	96.7	95.0	99.6	97.0
1989	365	95.2	94.9	99.3	96.9	94.4	99.1	96.9
1990	587	95.4	95.6	98.8	97.1	95.0	98.5	97.3
1991	898	95.9	95.9	99.2	97.3	95.5	98.9	97.4
1992	1192	95.5	94.9	99.4	97.1	94.8	99.0	97.4
1993	1273	95.9	95.4	99.4	97.4	95.1	99.3	97.9
1994	1864	95.9	95.7	99.6	97.1	95.3	99.4	97.4
1995	3084	95.7	95.9	99.4	96.7	95.3	99.0	97.0
1996	3758	96.4	96.6	99.6	97.4	95.8	99.2	97.4
1997	4583	95.9	96.7	98.9	97.0	95.3	98.7	97.4
1998	8241	95.5	95.8	99.1	97.1	94.6	98.6	96.6
1999	8992	95.6	95.8	99.1	97.3	94.6	98.7	96.6
2000	9124	95.5	96.3	99.1	96.8	94.8	98.7	96.4
2001	9045	95.7	96.6	99.2	96.8	94.8	98.9	96.4
2002	9845	95.4	96.2	99.0	96.8	94.4	98.9	96.5
2003	11127	95.6	96.5	98.8	96.9	94.5	98.8	96.7
2004	11333	95.6	96.4	98.8	97.0	95.0	98.5	96.6
2005	10732	95.6	95.8	99.0	97.1	95.2	98.7	96.7
2006	11462	96.3	96.7	99.0	97.6	95.9	99.1	96.9
2007	10848	96.3	97.0	98.6	97.7	96.2	99.1	97.1
2008	11394	96.4	97.2	98.3	97.6	96.5	98.9	97.4
2009	11627	96.8	97.5	98.6	97.9	96.9	99.1	97.9
2010	12070	97.1	97.8	98.6	98.0	97.5	99.0	98.2
2011	12343	97.8	98.5	98.7	98.5	98.2	98.9	98.9
2012	12810	98.4	98.9	99.0	99.0	98.7	99.0	99.3
2013	13215	98.6	99.0	99.1	99.1	98.8	99.3	99.4
2014	13691	99.1	99.4	99.4	99.5	99.2	99.7	99.7
2015	14029	99.5	99.8	99.6	99.6	99.7	99.8	100.1
2016	13445	100.0	100.1	99.8	99.9	100.1	100.4	100.3
2017	12696	100.5	100.5	99.9	100.2	100.7	100.9	100.7
2018	10736	101.3	101.2	100.4	100.5	101.5	101.4	101.2
2019	1605	102.1	101.9	100.8	100.9	102.3	101.6	101.7

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	49	96.0	99.6	96.0	99.6	93.6	100.0
1981	81	96.1	99.5	96.1	99.5	94.0	99.0
1982	103	96.4	99.5	96.4	99.5	94.2	99.1
1983	109	96.6	99.7	96.6	99.7	94.3	99.5
1984	102	95.9	99.6	95.9	99.6	93.8	99.4
1985	146	96.2	99.5	96.2	99.5	94.1	99.5
1986	310	96.3	99.6	96.3	99.6	94.3	99.8
1987	287	95.9	99.5	95.9	99.5	93.8	99.5
1988	407	96.8	99.3	96.8	99.3	94.3	99.8
1989	545	96.4	99.7	96.4	99.7	94.3	99.7
1990	641	96.0	99.9	96.0	99.9	94.2	99.8
1991	894	97.0	99.7	97.0	99.7	95.3	99.9
1992	1050	96.9	99.4	96.9	99.4	95.3	99.6
1993	1026	97.1	99.7	97.1	99.7	95.4	100.0
1994	1191	97.3	99.5	97.3	99.5	95.5	99.6

1995	1531	97.8	99.0	97.8	99.0	95.9	99.3
1996	1812	97.7	98.8	97.7	98.8	96.0	99.1
1997	2152	97.3	99.0	97.3	99.0	95.7	99.1
1998	2299	97.8	98.8	97.8	98.8	96.2	98.9
1999	2320	97.4	98.7	97.4	98.7	95.9	98.9
2000	2761	97.6	98.8	97.6	98.8	96.2	98.9
2001	3011	97.6	98.8	97.6	98.8	96.3	99.0
2002	3174	98.1	98.6	98.1	98.6	97.0	98.9
2003	3284	98.0	99.0	98.0	99.0	97.1	99.1
2004	3982	98.4	98.9	98.4	98.9	97.3	99.1
2005	4065	98.4	99.1	98.4	99.1	97.4	99.3
2006	4571	98.7	99.2	98.7	99.2	97.8	99.3
2007	4264	98.2	99.0	98.2	99.0	97.7	99.1
2008	4751	98.0	99.4	98.0	99.4	97.9	99.1
2009	4894	98.1	99.4	98.1	99.4	98.2	99.3
2010	4714	98.1	99.3	98.1	99.3	98.6	99.1
2011	4778	98.5	99.6	98.5	99.6	99.3	99.1
2012	4743	98.9	99.7	98.9	99.7	99.8	99.4
2013	5021	99.1	100.2	99.1	100.2	100.0	99.8
2014	5646	99.8	100.3	99.8	100.3	100.6	99.9
2015	5509	100.0	100.7	100.0	100.7	100.6	100.1
2016	5126	100.3	100.9	100.3	100.9	100.9	100.5
2017	4379	100.7	101.3	100.7	101.3	101.3	100.8
2018	2309	100.8	102.0	100.8	102.0	101.5	101.3
2019	997	101.1	101.9	101.1	101.9	101.7	101.3
2020	372	101.4	101.9	101.4	101.9	102.0	101.1
2021	51	101.1	102.0	101.1	102.0	102.1	101.7

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	196	96.2	103.0	103.8	72.2	72.1	71.3
1981	321	96.1	102.8	103.9	68.0	67.9	68.2
1982	382	95.6	103.5	104.6	68.9	69.0	69.6
1983	572	95.0	104.2	105.2	78.2	79.2	79.8
1984	741	94.9	104.3	105.1	85.8	86.7	87.7
1985	1074	95.4	104.1	104.5	88.7	90.1	90.6
1986	1700	95.7	104.1	104.0	92.5	93.7	94.2
1987	2121	95.8	104.0	103.8	93.9	96.2	97.0
1988	3226	96.1	104.0	103.2	94.6	97.8	99.0
1989	4305	96.4	104.2	102.9	95.3	98.4	99.2
1990	5183	96.6	103.9	102.8	95.2	98.3	99.3
1991	5921	96.6	103.6	102.7	95.2	98.9	99.8
1992	6993	96.5	103.5	102.8	95.5	98.8	99.9
1993	6990	96.2	103.6	103.2	95.5	98.9	100.3
1994	7203	95.9	103.8	103.7	95.4	98.6	100.0
1995	7656	95.8	103.4	104.0	95.2	98.3	99.6
1996	7780	96.6	103.2	103.2	95.4	98.3	99.5
1997	8327	96.3	103.5	103.6	95.3	98.4	99.7
1998	8628	96.1	103.5	104.0	95.7	98.7	99.7
1999	8501	96.0	103.2	104.3	95.7	98.6	99.5
2000	9162	95.9	103.2	104.3	95.8	98.8	99.7
2001	9706	95.9	103.2	104.3	96.0	98.8	99.5

2002	10130	96.1	102.8	104.2	96.3	98.4	99.3
2003	10908	96.0	102.7	104.2	96.5	98.5	99.1
2004	11867	96.3	102.7	104.0	96.7	98.3	99.4
2005	11817	96.2	102.4	104.2	97.1	98.4	99.5
2006	13150	96.5	102.1	103.7	97.6	98.5	99.6
2007	14143	96.6	101.5	103.5	98.0	98.4	99.8
2008	14713	96.4	101.4	103.7	98.4	98.6	99.8
2009	18197	96.4	101.5	103.7	98.5	98.6	99.8
2010	19061	96.8	101.3	103.4	98.7	98.7	99.7
2011	19983	97.4	101.0	102.7	99.2	98.9	99.5
2012	20671	97.8	101.0	102.3	99.6	99.4	99.6
2013	21433	98.0	100.9	102.1	100.0	99.8	99.7
2014	22834	98.2	100.8	102.0	100.3	100.1	99.7
2015	23619	98.3	100.6	101.9	100.7	100.3	99.5
2016	23566	98.6	100.4	101.7	101.3	100.4	99.5
2017	22671	98.8	100.0	101.4	102.0	100.9	99.5
2018	20300	99.2	99.6	100.8	102.3	101.4	99.6
2019	13974	99.3	99.2	100.7	102.2	101.6	99.8
2020	12648	99.6	99.0	100.4	102.5	101.9	99.8
2021	4722	99.9	98.8	100.1	102.8	101.9	99.8

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	Gr_st
1980	66	102.9	106.0	97.7	100.6	104.3	98.2	102.8	99.0	104.6	99.4	101.0
1981	102	102.8	106.4	97.6	100.9	104.1	98.3	102.7	99.0	104.7	99.4	101.5
1982	138	102.5	105.8	97.5	99.9	104.2	97.5	102.4	99.0	104.7	98.9	100.3
1983	173	103.2	107.3	96.5	100.5	105.5	97.2	102.9	98.7	106.1	98.5	101.2
1984	233	103.4	108.1	96.7	101.1	105.9	97.4	103.1	98.3	106.5	98.7	101.6
1985	336	103.5	108.2	96.7	101.3	105.9	97.4	103.3	98.5	106.4	98.8	101.9
1986	643	103.4	107.3	97.2	101.3	105.3	97.9	103.1	99.0	105.9	99.0	101.9
1987	775	103.4	107.9	96.9	101.3	105.4	97.6	103.0	99.0	106.0	98.8	101.8
1988	1184	103.2	107.4	97.2	101.0	105.3	97.6	102.8	99.1	105.8	98.7	101.6
1989	1634	102.9	106.7	97.6	100.7	104.8	97.9	102.6	99.1	105.3	98.9	101.4
1990	2143	102.6	105.9	97.9	100.2	104.5	97.8	102.4	99.0	104.8	99.1	100.8
1991	2943	102.8	105.7	98.1	100.3	104.4	97.9	102.6	99.1	104.6	99.3	100.9
1992	3737	102.4	105.1	98.7	100.2	103.6	98.4	102.3	99.1	104.1	99.7	100.9
1993	4074	102.5	105.0	98.9	100.4	103.5	98.6	102.4	99.2	104.0	99.8	101.1
1994	5131	102.3	104.3	99.2	100.2	103.1	98.8	102.1	99.6	103.6	99.8	101.0
1995	6349	102.0	103.8	99.5	100.1	102.7	99.0	101.7	99.8	103.3	99.7	101.0
1996	7316	101.4	102.9	99.7	99.7	102.1	98.9	101.5	99.4	102.7	99.7	100.6
1997	8714	101.4	102.5	99.8	99.5	102.1	98.8	101.6	99.3	102.4	99.7	100.4
1998	10219	101.4	102.1	100.1	99.5	101.9	98.8	101.5	99.6	102.2	99.8	100.4
1999	11394	101.1	102.2	99.9	99.6	101.5	99.0	101.1	99.6	102.1	99.8	100.4
2000	13684	101.0	101.7	100.3	99.6	101.4	99.3	101.1	99.4	101.9	100.0	100.5
2001	17343	101.0	101.1	100.6	99.4	101.1	99.4	101.2	99.5	101.4	100.2	100.4
2002	18754	100.7	100.5	100.7	99.3	100.7	99.4	101.0	99.5	100.8	100.1	100.2
2003	20015	100.4	100.2	100.6	99.4	100.2	99.7	100.8	99.4	100.5	100.2	100.3
2004	20805	100.5	100.2	100.6	99.4	100.2	99.6	100.8	99.7	100.5	100.0	100.2
2005	20279	100.4	100.1	100.6	99.6	99.9	100.1	100.6	99.8	100.3	100.3	100.2
2006	21410	100.0	100.0	100.6	99.9	99.6	100.3	100.3	99.8	100.1	100.5	100.0
2007	20876	99.9	99.7	100.6	100.0	99.5	100.3	100.2	99.6	99.9	100.5	99.9
2008	22677	99.8	99.6	100.5	99.9	99.5	100.3	100.2	99.4	99.8	100.5	99.9

2009	22363	99.7	99.6	100.4	99.9	99.3	100.4	100.1	99.4	99.8	100.6	99.9
2010	22260	99.9	99.6	100.2	99.8	99.4	100.1	100.3	99.4	99.8	100.4	99.9
2011	21974	100.1	99.7	100.0	100.2	99.6	99.7	100.8	99.1	99.8	100.1	100.0
2012	22515	100.1	99.3	100.2	100.0	99.5	99.6	100.9	98.8	99.4	100.4	99.7
2013	22637	99.9	98.8	100.4	99.8	99.2	99.7	101.0	98.6	99.0	100.6	99.5
2014	22332	99.8	98.5	100.7	99.7	99.1	99.7	101.1	98.3	98.7	100.8	99.4
2015	21150	100.0	98.4	100.8	99.7	99.3	99.6	101.4	98.2	98.6	100.8	99.6
2016	18536	100.1	98.0	100.9	99.6	99.1	99.5	101.6	98.2	98.4	100.8	99.7
2017	15470	100.4	97.8	100.9	99.8	99.1	99.5	101.9	98.3	98.4	100.9	100.0
2018	12099	100.6	97.5	101.1	99.8	99.0	99.4	102.2	98.4	98.1	100.8	100.2
2019	1775	100.5	97.4	101.1	99.7	99.0	99.4	102.2	98.3	98.0	100.7	100.1

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	44	99.0	100.1	98.2
1981	75	98.7	99.8	98.7
1982	93	99.3	100.3	98.8
1983	93	99.4	100.3	99.2
1984	85	98.6	99.8	98.2
1985	117	98.7	100.0	98.3
1986	244	98.2	99.7	98.1
1987	206	98.4	99.7	98.2
1988	273	99.1	100.2	99.3
1989	353	98.7	99.9	98.5
1990	441	99.1	100.1	98.6
1991	601	99.4	100.4	98.9
1992	683	99.5	100.4	99.3
1993	605	99.3	100.5	98.9
1994	752	99.8	100.7	99.4
1995	966	99.8	100.6	99.4
1996	1204	99.8	100.6	99.3
1997	1421	99.7	100.2	99.3
1998	1515	100.0	100.5	99.9
1999	1503	100.0	100.5	99.7
2000	1859	99.8	100.2	99.9
2001	2025	100.0	100.4	99.9
2002	2013	99.9	100.3	99.8
2003	2026	100.1	100.3	99.8
2004	2610	100.3	100.5	100.3
2005	2703	100.3	100.6	100.0
2006	3017	100.0	100.4	99.7
2007	2688	99.8	100.0	99.9
2008	3026	99.7	99.9	99.8
2009	3015	100.0	100.2	99.8
2010	2608	99.7	100.0	99.6
2011	2541	100.0	100.3	99.8
2012	2239	99.9	100.0	99.7
2013	2133	100.3	100.3	99.9
2014	2248	100.3	100.2	99.8
2015	2138	100.2	100.1	100.0
2016	2208	100.7	100.2	100.2
2017	2153	100.8	100.3	100.0

2018	1259	100.7	99.9	100.4
2019	873	100.2	99.6	100.1
2020	458	99.8	99.1	100.1
2021	68	100.6	99.9	100.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	21731	-2830.3	-10861.9	-484.4	-405.9
2002	22390	-2747.3	-10468.8	-472.2	-393.2
2003	22579	-2704.3	-10265.3	-463.5	-388.0
2004	22963	-2550.7	-9670.1	-440.1	-364.5
2005	22235	-2497.3	-9430.6	-432.7	-356.1
2006	23142	-2266.2	-8438.6	-397.3	-321.1
2007	22298	-2117.0	-7804.8	-375.0	-298.2
2008	23903	-1971.9	-7198.0	-351.7	-276.8
2009	23160	-1734.0	-6238.8	-310.1	-243.3
2010	22891	-1567.4	-5615.3	-280.7	-219.8
2011	22897	-1261.9	-4381.3	-228.3	-176.2
2012	23817	-1022.2	-3470.1	-187.6	-141.6
2013	24642	-745.7	-2368.7	-138.5	-103.0
2014	26107	-377.3	-844.4	-74.0	-51.3
2015	27086	-14.1	593.2	-8.9	-0.9
2016	27222	547.2	2772.5	89.5	78.3
2017	26351	1070.9	4780.0	183.1	151.3
2018	25420	1565.9	6788.9	266.6	222.5
2019	6118	1792.6	7511.1	308.5	253.9

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

Jaar	Aantal	Eff	Int	Gewen
1980	42	99.3	92.6	102.0
1981	66	99.9	92.4	101.9
1982	83	99.6	92.8	101.9
1983	85	98.3	92.8	102.5
1984	84	98.5	92.5	102.4
1985	109	98.5	93.1	102.4
1986	238	98.5	93.2	102.3
1987	217	98.7	92.8	102.2
1988	307	98.4	92.7	101.9
1989	408	98.4	93.2	102.3
1990	552	98.8	93.4	102.5
1991	720	98.9	93.1	101.9
1992	882	99.3	93.1	101.6
1993	835	99.1	93.6	101.7
1994	1064	99.2	93.3	101.6
1995	1370	99.1	93.4	101.1
1996	1554	99.2	93.9	101.4

1997	1868	99.4	93.8	101.7
1998	2027	99.4	94.1	101.7
1999	2068	99.4	94.1	101.7
2000	2405	99.8	95.0	101.2
2001	2612	99.8	95.2	100.9
2002	2826	99.9	95.3	101.1
2003	3070	100.0	95.0	100.9
2004	3489	100.1	95.5	100.6
2005	3523	100.2	95.9	100.9
2006	4030	100.4	96.4	100.7
2007	3911	100.6	96.7	100.6
2008	4477	100.6	97.1	100.5
2009	5068	100.7	97.5	100.4
2010	5801	100.9	97.8	100.1
2011	6190	101.0	98.4	99.9
2012	6875	100.9	98.6	99.9
2013	7499	101.1	99.0	99.9
2014	8434	100.8	99.8	100.0
2015	9039	100.5	100.3	99.8
2016	8948	100.2	100.9	100.0
2017	8829	99.9	100.8	100.0
2018	8404	100.2	100.2	99.8
2019	3008	100.0	99.8	99.8

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	425	99.2	96.8	23	-4.2	86.3	0	0.0
1981	598	97.6	96.2	37	-3.6	56.3	0	0.0
1982	701	98.0	97.5	48	-4.1	87.7	0	0.0
1983	942	97.7	97.5	41	-3.6	69.9	0	0.0
1984	1083	97.6	97.6	32	-3.6	58.3	0	0.0
1985	1485	97.9	98.0	1499	-5.7	110.6	0	0.0
1986	2413	97.4	98.2	2374	-5.3	104.7	0	0.0
1987	3529	97.1	97.8	3523	-5.2	99.2	0	0.0
1988	4974	97.3	97.7	4938	-4.9	94.7	0	0.0
1989	6446	97.4	97.9	6429	-4.7	90.0	0	0.0
1990	7926	97.7	98.1	7873	-4.4	87.4	0	0.0
1991	9780	97.7	97.9	9711	-4.3	84.5	0	0.0
1992	11533	97.7	98.1	11462	-4.0	79.0	0	0.0
1993	12799	97.8	98.1	12754	-3.8	75.8	0	0.0
1994	14911	97.9	98.1	14850	-3.7	74.2	0	0.0
1995	16770	97.9	98.0	16695	-3.4	69.5	0	0.0
1996	17648	98.6	98.0	17570	-3.2	68.1	0	0.0
1997	19028	98.6	97.9	18899	-3.0	64.4	0	0.0
1998	20131	98.8	97.8	19993	-2.8	59.5	0	0.0
1999	20389	98.7	97.7	20264	-2.7	56.1	0	0.0
2000	21174	99.2	97.5	20993	-2.5	52.3	0	0.0
2001	21737	99.5	97.6	21541	-2.4	51.3	13211	95.1
2002	22402	99.6	97.5	22242	-2.2	48.7	13514	95.2
2003	22601	99.4	97.4	22437	-2.1	44.1	13599	95.7
2004	22962	99.6	97.6	22811	-1.9	41.3	13524	95.9
2005	22195	99.7	97.6	22028	-1.7	36.1	12639	96.5

2006	23100	100.0	97.8	22927	-1.5	29.6	13068	97.1
2007	22186	100.2	97.8	22075	-1.3	24.9	12167	97.6
2008	23754	100.3	98.0	23710	-1.2	22.1	12602	97.9
2009	22781	100.4	98.2	22895	-1.1	20.3	12665	98.0
2010	22211	100.6	98.3	22599	-0.9	16.9	13198	98.4
2011	22169	101.0	98.7	22595	-0.7	9.4	13276	99.3
2012	22840	101.2	99.2	23556	-0.5	5.9	13775	99.7
2013	23628	101.5	99.3	24390	-0.4	3.8	14234	99.8
2014	24946	101.7	99.4	26146	-0.1	0.5	14799	100.1
2015	25946	102.0	99.5	27437	0.1	-4.0	15118	100.4
2016	26198	102.6	99.7	27948	0.4	-8.0	14685	100.8
2017	25371	103.3	99.9	27644	0.7	-12.4	13997	101.3
2018	24746	103.7	99.7	27741	1.0	-16.9	11981	101.7
2019	7378	103.9	99.9	16038	1.1	-14.9	1927	101.5
2020	0	0.0	0.0	11798	1.4	-14.0	0	0.0
2021	0	0.0	0.0	4807	1.6	-13.7	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	48	99.3	14	98.1	14	99.4	48	96.3
1981	82	98.9	34	97.6	34	99.1	82	96.6
1982	109	98.8	37	96.7	37	98.6	109	96.5
1983	125	99.4	28	97.5	27	98.4	125	96.9
1984	130	99.4	28	97.5	28	98.6	130	96.9
1985	200	99.6	40	98.7	39	98.6	200	97.2
1986	389	99.6	109	99.9	114	98.5	389	96.7
1987	431	99.7	68	99.1	67	98.6	431	97.0
1988	653	99.8	105	98.2	101	101.3	653	97.2
1989	898	99.8	119	98.6	117	99.7	898	97.1
1990	1174	99.4	178	98.5	177	98.0	1174	96.9
1991	1585	99.6	267	99.2	267	99.2	1585	96.7
1992	2029	99.7	297	99.7	301	98.0	2029	96.4
1993	2142	99.8	161	99.7	162	98.3	2142	96.8
1994	2591	99.7	247	98.8	249	99.1	2591	96.7
1995	3204	99.5	306	97.5	314	99.0	3204	96.4
1996	3639	99.4	366	98.3	374	98.6	3639	96.2
1997	4291	98.9	434	97.2	445	98.2	4291	96.0
1998	4841	98.9	379	98.4	387	98.9	4841	96.0
1999	5239	98.9	271	98.5	279	98.4	5239	95.7
2000	5854	98.7	415	98.1	423	99.1	5854	95.5
2001	6590	98.8	412	98.5	415	98.6	6590	95.5
2002	7440	98.9	305	98.7	327	98.6	7440	95.4
2003	8465	98.7	277	98.4	287	98.6	8465	95.3
2004	9836	99.0	408	99.5	423	100.0	9836	95.6
2005	10526	99.0	407	99.4	417	99.2	10526	95.7
2006	12351	99.0	400	99.8	415	98.6	12351	96.0
2007	13335	99.2	324	99.6	331	99.1	13335	96.3
2008	16077	99.4	331	99.5	343	99.0	16077	96.7
2009	18237	99.5	298	99.6	312	99.1	18237	97.1
2010	21050	99.6	370	100.0	392	99.8	21050	97.4
2011	21336	100.0	290	100.0	315	99.7	21336	98.3
2012	22237	100.2	273	100.2	322	99.9	22237	98.9

2013	22987	100.4	209	100.5	246	100.0	22987	99.5
2014	24084	100.4	190	100.3	218	100.3	24084	99.8
2015	24949	100.5	111	100.9	136	100.3	24949	100.2
2016	25284	100.4	109	100.5	135	100.5	25284	100.7
2017	24394	100.5	94	100.7	108	100.5	24394	101.3
2018	23123	100.4	95	100.9	112	101.0	23123	101.7
2019	7205	100.3	10	100.9	11	101.4	7205	101.8

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	25	98.0	98.4	98.0	99.3	97.2	96.5
1981	48	97.7	98.2	98.0	98.9	96.8	96.5
1982	56	98.0	98.9	98.0	99.2	96.8	96.2
1983	54	98.4	99.1	98.6	99.3	97.1	97.1
1984	52	97.9	98.2	98.3	98.9	97.0	96.6
1985	62	98.4	98.8	98.5	99.3	97.6	97.1
1986	163	98.9	99.6	98.8	99.3	98.4	98.3
1987	116	98.5	99.1	98.5	99.1	97.9	97.7
1988	163	97.4	97.1	97.9	98.9	96.7	96.2
1989	198	97.9	98.3	98.1	98.9	97.1	96.7
1990	267	98.4	99.4	98.3	99.1	97.4	97.0
1991	355	98.7	99.2	98.3	99.8	97.3	97.7
1992	425	98.3	98.5	98.3	99.3	98.0	97.3
1993	280	98.6	98.8	98.4	99.4	98.0	97.6
1994	399	98.2	98.3	97.7	99.8	97.3	96.4
1995	469	98.1	98.5	97.8	99.6	96.7	96.3
1996	530	98.2	98.9	97.8	99.5	97.2	96.5
1997	623	98.5	99.4	98.0	99.5	97.2	97.1
1998	586	99.3	99.9	98.8	100.4	97.7	97.7
1999	505	99.0	99.5	98.5	100.0	97.6	97.5
2000	663	98.2	98.3	97.8	99.4	97.7	97.1
2001	662	98.6	99.2	98.4	99.8	97.3	97.3
2002	590	98.5	98.9	98.1	99.7	97.5	97.2
2003	590	98.4	99.1	98.0	99.6	97.2	97.1
2004	743	99.4	99.7	99.3	100.1	98.6	98.6
2005	724	99.9	100.4	99.4	100.3	98.9	99.0
2006	786	100.2	100.8	99.6	100.7	99.1	99.4
2007	630	100.1	100.5	99.9	100.6	99.0	99.3
2008	687	100.2	100.4	100.2	100.7	99.1	99.4
2009	701	100.1	100.3	99.8	100.5	99.0	99.4
2010	784	99.8	99.9	99.7	100.1	99.4	99.5
2011	687	100.0	100.0	100.0	100.1	99.4	99.7
2012	693	99.9	99.9	100.0	100.0	99.8	99.9
2013	550	100.1	100.0	100.1	100.1	100.0	100.1
2014	522	100.0	99.9	100.0	100.0	100.2	100.1
2015	354	100.0	99.8	100.1	99.9	100.1	100.1
2016	307	100.1	99.8	100.4	100.1	100.4	100.2
2017	266	99.9	99.6	99.9	99.8	100.2	100.2
2018	165	100.7	100.2	101.0	100.4	101.0	101.0
2019	12	101.4	100.6	101.8	100.8	101.7	101.8

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1983	10	-2470.5	-91.2	-91.9	-112.6	34.1	-5.1	-0.1	-602.2
1984	21	-2120.7	-83.1	-82.8	-96.5	19.9	-10.2	0.1	-543.0
1985	37	-2228.7	-89.5	-85.7	-101.5	17.8	-8.9	0.1	-569.8
1986	42	-2117.5	-82.5	-83.1	-96.4	21.2	-10.8	0.2	-543.2
1987	102	-2135.9	-81.3	-81.5	-97.2	24.3	-7.3	0.1	-534.1
1988	210	-2139.5	-79.8	-82.3	-97.4	27.7	-8.0	0.1	-534.2
1989	383	-2090.3	-79.5	-79.8	-95.1	24.2	-6.8	0.1	-522.7
1990	536	-2073.1	-79.7	-79.4	-94.4	23.3	-6.8	0.1	-521.1
1991	765	-1896.9	-74.6	-74.2	-86.3	18.0	-8.8	0.2	-486.9
1992	1166	-1837.4	-73.8	-72.4	-83.6	14.7	-9.4	0.2	-477.1
1993	1617	-1784.8	-73.4	-71.3	-81.2	11.4	-10.6	0.2	-471.1
1994	2111	-1671.6	-64.0	-65.4	-76.0	17.8	-7.6	0.2	-425.4
1995	2848	-1621.7	-61.8	-63.2	-73.7	17.7	-6.8	0.2	-410.9
1996	3287	-1509.2	-56.4	-60.0	-68.6	18.0	-8.0	0.3	-385.0
1997	4009	-1397.4	-54.5	-56.6	-63.5	13.2	-8.8	0.3	-365.7
1998	5064	-1347.9	-51.4	-53.8	-61.2	14.2	-7.3	0.3	-347.2
1999	5173	-1286.8	-49.3	-51.1	-58.4	13.3	-6.4	0.3	-330.5
2000	5848	-1129.0	-45.2	-46.2	-51.2	8.8	-7.4	0.3	-299.8
2001	6293	-1013.2	-42.9	-42.9	-46.0	4.8	-8.4	0.2	-279.8
2002	6360	-878.3	-38.6	-38.5	-40.3	2.2	-8.9	-0.3	-251.3
2003	6435	-787.4	-35.6	-35.4	-37.9	0.7	-9.0	-2.7	-231.4
2004	6588	-674.1	-30.6	-31.4	-32.6	0.8	-8.9	-2.5	-203.0
2005	6571	-505.2	-28.0	-26.5	-25.3	-5.6	-10.1	-3.1	-175.1
2006	6590	-395.2	-26.6	-23.0	-19.0	-9.9	-10.5	-1.4	-155.9
2007	6576	-391.6	-23.9	-21.3	-19.1	-6.8	-8.6	-1.7	-143.4
2008	7065	-341.9	-21.7	-18.3	-16.7	-6.8	-7.0	-1.5	-125.6
2009	6889	-335.8	-23.5	-18.2	-15.4	-9.5	-7.2	-0.2	-128.7
2010	6825	-277.7	-20.8	-15.1	-12.8	-9.4	-5.9	-0.2	-109.7
2011	6336	-173.2	-15.6	-10.9	-7.8	-8.5	-5.2	0.1	-79.5
2012	6073	-126.6	-13.4	-8.6	-5.3	-8.5	-4.4	0.6	-65.3
2013	6029	-72.3	-10.3	-6.0	-2.8	-7.5	-3.5	0.6	-47.0
2014	5914	-19.3	-8.2	-3.6	-0.4	-7.6	-2.9	0.6	-32.1
2015	5692	19.4	-5.5	-1.0	1.9	-6.3	-1.4	1.3	-15.1
2016	5433	114.2	-2.5	2.1	6.5	-7.8	-1.6	1.6	5.2
2017	4846	214.5	1.3	5.8	11.4	-8.4	-1.5	1.9	29.9
2018	4352	364.5	7.4	11.0	17.9	-9.1	-1.8	1.5	66.0
2019	1096	438.8	12.7	13.7	20.6	-7.1	-1.9	0.8	88.8

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	11	90.0	97.8	92.9	92.5	104.2	93.9	97.1
1985	22	90.0	95.1	91.0	92.0	103.1	96.0	97.0
1986	22	90.2	95.5	92.1	92.8	102.6	95.7	96.8
1987	59	90.8	96.9	93.1	93.4	102.8	95.2	97.2

1988	115	90.8	97.4	93.3	93.1	103.4	95.0	97.8
1989	227	90.8	97.3	93.1	93.2	103.0	95.5	98.0
1990	326	90.5	97.2	92.9	93.2	103.1	95.3	97.2
1991	476	91.5	97.5	93.7	94.0	102.4	95.0	97.9
1992	742	92.1	97.3	93.7	93.9	102.5	95.4	98.7
1993	1032	92.9	97.7	94.5	94.5	102.5	95.1	99.3
1994	1299	92.9	98.3	95.6	95.2	102.6	95.4	99.7
1995	1765	92.7	98.7	96.0	95.6	102.3	95.8	99.5
1996	2047	93.4	98.6	97.2	96.7	101.9	95.3	100.0
1997	2503	93.7	98.9	97.5	97.0	101.9	96.0	99.5
1998	3122	94.2	99.6	98.3	97.6	101.9	96.0	99.4
1999	3085	94.7	99.6	98.3	97.7	101.9	95.8	99.6
2000	3617	95.6	99.2	97.7	97.2	102.0	96.6	99.5
2001	3912	96.0	99.8	98.4	97.7	101.8	96.5	100.1
2002	3880	96.7	99.9	99.0	98.6	101.0	96.9	100.4
2003	3870	97.2	99.9	99.3	99.2	100.9	97.5	100.0
2004	3937	97.2	100.0	99.6	99.5	100.5	97.7	100.3
2005	3850	97.4	100.2	99.8	99.6	99.9	98.2	100.9
2006	3824	97.9	100.4	100.0	99.9	100.2	98.5	101.0
2007	3756	98.0	100.3	100.0	100.0	100.2	98.9	100.5
2008	4020	98.4	100.1	99.8	99.8	100.4	98.9	100.5
2009	4060	98.9	100.6	100.1	99.7	100.9	99.2	100.5
2010	4144	99.2	100.4	100.1	99.9	100.6	99.4	100.8
2011	3930	99.3	100.3	100.2	100.0	100.5	99.5	100.6
2012	3813	99.2	100.2	100.0	99.8	100.6	99.7	100.7
2013	3842	99.4	100.3	100.2	100.1	100.4	99.2	100.6
2014	3561	99.9	100.6	100.5	100.7	100.5	98.9	100.6
2015	3447	100.5	100.4	100.8	100.8	100.6	99.3	100.7
2016	3166	101.2	100.6	101.3	101.6	100.4	99.8	100.9
2017	2851	101.4	101.4	101.1	101.5	101.3	99.8	101.2
2018	2220	102.0	101.5	101.6	102.3	101.3	99.4	101.4
2019	295	102.1	101.3	101.5	102.7	100.8	99.2	101.0

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1984	11	93.6	101.3	97.9	95.5	90.2
1985	22	92.9	101.4	97.5	95.6	90.4
1986	22	92.8	102.1	96.5	95.5	89.9
1987	59	92.9	102.3	96.3	95.5	90.0
1988	115	93.6	101.9	96.4	95.6	90.7
1989	227	94.1	102.4	96.1	95.9	91.4
1990	326	94.2	102.1	96.3	96.0	91.4
1991	476	94.0	102.9	95.8	95.7	91.1
1992	742	94.3	102.0	96.6	95.5	91.4
1993	1032	94.9	101.9	96.8	95.7	92.1
1994	1299	93.6	102.2	95.9	95.6	91.3
1995	1765	94.0	102.7	95.8	95.7	91.4
1996	2047	95.2	103.4	95.7	96.0	92.6
1997	2503	95.4	103.8	95.5	96.2	93.0
1998	3122	95.8	104.3	95.1	96.5	93.5
1999	3085	96.1	103.8	95.3	96.3	93.7
2000	3617	96.6	103.1	96.9	96.9	94.4

2001	3912	96.8	103.1	97.0	97.0	94.5
2002	3880	96.5	102.9	96.9	96.9	94.4
2003	3870	96.5	102.7	97.0	97.1	94.6
2004	3937	96.6	103.2	96.7	97.1	94.8
2005	3850	96.7	103.3	96.2	97.2	95.2
2006	3824	97.1	102.6	96.8	97.6	95.7
2007	3756	97.2	102.0	97.3	97.8	96.0
2008	4020	97.0	101.4	97.9	97.6	96.0
2009	4060	97.5	101.1	98.4	98.1	96.8
2010	4144	98.2	100.4	99.1	98.4	97.6
2011	3930	99.1	100.3	99.3	98.6	98.6
2012	3813	99.4	100.2	99.5	98.9	99.1
2013	3842	99.6	100.1	99.7	99.1	99.4
2014	3561	99.9	99.8	99.9	99.2	99.6
2015	3447	100.0	99.5	100.1	99.3	99.9
2016	3166	100.3	99.2	100.3	99.4	100.2
2017	2851	100.7	98.8	101.0	100.2	100.6
2018	2220	101.2	98.5	101.3	100.5	101.0
2019	295	101.1	98.3	101.4	100.7	101.0

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1984	11	91.6	89.5	101.0	94.5	89.5	93.3	91.0
1985	22	93.3	90.1	100.7	95.4	89.4	93.0	90.9
1986	22	93.6	90.8	100.5	95.1	90.7	93.5	91.7
1987	59	93.4	90.5	101.1	95.3	91.1	92.6	90.6
1988	115	93.0	90.6	101.7	95.1	90.8	92.9	90.9
1989	227	92.7	91.3	102.0	94.7	90.8	92.9	91.1
1990	326	92.3	90.7	102.1	94.5	90.9	92.6	90.6
1991	476	92.9	90.8	101.8	94.9	91.3	92.8	90.9
1992	742	93.7	90.9	101.1	95.6	91.5	92.6	91.1
1993	1032	93.9	91.5	101.0	95.7	91.9	92.9	91.4
1994	1299	93.4	92.2	100.0	94.5	90.9	93.2	92.1
1995	1765	93.3	92.3	100.6	94.1	90.9	93.6	92.1
1996	2047	93.4	92.8	100.8	94.2	92.1	94.3	92.7
1997	2503	93.4	92.8	100.2	94.1	92.4	94.4	92.4
1998	3122	93.3	93.6	100.2	93.8	93.1	95.1	93.2
1999	3085	93.5	94.1	100.3	94.3	93.9	96.0	94.0
2000	3617	94.6	94.6	100.0	95.8	94.1	96.5	94.7
2001	3912	94.9	94.5	100.5	95.8	94.4	96.6	94.8
2002	3880	95.0	94.9	100.4	95.9	94.9	97.0	95.2
2003	3870	95.6	95.5	99.9	96.4	95.3	97.2	95.5
2004	3937	95.3	95.8	100.3	95.9	95.9	97.7	96.2
2005	3850	95.2	96.1	101.1	95.6	96.2	98.1	96.9
2006	3824	95.8	96.6	100.7	96.2	96.6	98.2	97.2
2007	3756	96.2	97.2	100.2	96.8	96.8	98.4	97.5
2008	4020	96.5	97.4	99.9	97.2	97.1	98.7	97.8
2009	4060	96.8	97.6	99.9	97.9	97.4	98.9	97.9
2010	4144	97.3	98.3	99.5	98.3	98.1	99.3	98.6
2011	3930	97.6	98.7	99.3	98.4	98.4	99.5	98.8
2012	3813	98.1	98.6	99.3	98.9	98.8	99.8	99.0
2013	3842	99.0	99.0	99.5	99.5	99.2	100.0	99.3

2014	3561	99.7	99.3	99.7	100.1	99.6	100.0	99.2
2015	3447	100.2	99.9	99.6	101.0	100.3	100.5	99.6
2016	3166	100.8	100.4	99.3	101.7	100.5	100.9	99.9
2017	2851	101.7	100.8	99.6	102.3	101.1	100.9	100.0
2018	2220	103.1	101.5	99.6	103.3	102.6	101.3	100.2
2019	295	103.2	101.3	100.0	103.2	102.8	101.4	100.4

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1984	11	92.3	96.7	90.1	90.3	0.0	86.9
1985	22	91.6	94.3	91.0	89.8	0.0	86.5
1986	22	91.8	95.0	91.7	89.0	0.0	86.6
1987	59	92.6	96.0	91.5	89.4	0.0	87.1
1988	115	93.1	96.6	91.3	90.3	0.0	87.7
1989	227	93.4	96.4	91.1	90.9	0.0	88.0
1990	326	92.7	96.1	90.8	91.0	0.0	87.6
1991	476	93.3	96.6	91.4	90.5	0.0	87.9
1992	742	93.8	96.7	92.0	91.0	0.0	88.6
1993	1032	94.4	97.5	92.3	91.8	0.0	89.5
1994	1299	95.3	98.4	91.3	90.7	0.0	88.9
1995	1765	95.6	98.5	91.3	91.0	0.0	89.1
1996	2047	96.1	99.3	92.0	92.0	0.0	90.3
1997	2503	96.3	99.5	92.2	92.3	0.0	90.6
1998	3122	96.8	100.0	92.3	92.7	0.0	91.1
1999	3085	96.8	100.0	93.0	93.0	0.0	91.6
2000	3617	96.9	99.7	94.1	94.0	0.0	92.7
2001	3912	97.4	100.1	94.3	94.1	0.0	93.1
2002	3880	98.0	100.3	94.6	94.1	0.0	93.5
2003	3870	98.3	100.5	95.2	94.3	0.0	94.0
2004	3937	98.6	100.4	95.1	94.3	0.0	94.1
2005	3850	99.2	100.3	95.1	94.5	0.0	94.3
2006	3824	99.6	100.7	95.7	95.2	0.0	95.1
2007	3756	99.5	100.7	96.1	95.5	0.0	95.5
2008	4020	99.4	100.6	96.5	95.5	0.0	95.7
2009	4060	99.8	100.9	97.1	96.4	0.0	96.6
2010	4144	100.0	100.9	97.7	97.2	0.0	97.4
2011	3930	100.0	100.9	97.9	98.3	0.0	98.1
2012	3813	100.0	100.8	98.4	98.7	0.0	98.6
2013	3842	99.8	101.0	99.2	98.9	0.0	99.1
2014	3561	99.9	101.4	99.9	99.2	0.0	99.7
2015	3447	100.2	101.5	100.7	99.4	0.0	100.3
2016	3166	100.7	101.9	101.4	99.8	0.0	101.1
2017	2851	101.0	102.4	102.1	100.1	0.0	101.8
2018	2220	101.0	102.9	103.7	100.5	0.0	103.0
2019	295	100.6	102.6	103.7	100.5	0.0	102.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	34	104.0	106.4	105.8	107.1	103.1	98.6	85.7	106.7
1981	25	104.2	104.6	105.2	105.6	103.2	100.6	88.7	105.5
1982	15	104.9	103.6	105.2	104.9	103.3	100.5	89.1	105.3
1983	16	103.5	103.8	104.2	104.5	102.2	99.9	87.7	104.7
1984	29	102.7	101.9	102.1	102.1	100.6	99.3	88.4	102.2
1985	44	102.7	102.1	102.7	102.7	101.1	100.1	89.2	102.8
1986	59	103.4	102.3	103.3	103.3	101.8	100.3	90.9	103.3
1987	112	103.1	101.7	102.4	102.4	101.1	100.2	90.2	102.4
1988	218	103.0	101.8	102.4	102.4	101.1	100.6	90.3	102.5
1989	401	102.9	101.5	102.4	102.1	101.0	100.4	90.4	102.3
1990	559	102.6	101.6	102.1	102.0	100.7	100.4	90.5	102.2
1991	795	102.1	101.0	101.6	101.4	100.2	100.2	91.4	101.6
1992	1221	102.1	101.0	101.7	101.4	100.2	100.2	92.3	101.6
1993	1694	102.3	100.6	101.5	101.1	100.2	100.0	93.2	101.4
1994	2324	102.1	100.1	101.2	100.8	100.0	100.0	93.4	101.0
1995	3144	101.5	100.3	100.8	100.5	99.5	99.5	93.3	100.7
1996	3615	100.8	99.6	99.9	99.4	98.5	99.3	94.0	99.8
1997	4370	99.9	99.8	99.5	99.2	97.9	99.1	94.2	99.6
1998	5594	99.4	99.9	99.3	99.2	97.6	99.4	94.8	99.4
1999	5694	99.6	100.0	99.6	99.5	98.0	99.4	95.4	99.7
2000	6399	100.2	99.1	99.7	99.2	98.5	99.6	95.8	99.5
2001	6937	99.9	99.1	99.6	99.0	98.3	99.3	96.6	99.4
2002	7166	99.1	99.5	99.3	99.0	97.7	99.2	97.8	99.3
2003	7211	98.7	99.1	99.0	98.6	97.4	99.2	98.3	98.9
2004	7334	98.8	98.7	98.7	98.2	97.3	98.9	97.6	98.6
2005	7267	98.5	98.7	98.7	98.1	97.3	99.2	97.6	98.5
2006	7252	98.6	98.1	98.4	97.6	97.2	99.1	98.0	98.1
2007	7306	98.5	98.2	98.3	97.6	97.1	99.1	98.5	98.1
2008	8167	99.0	98.1	98.7	97.8	97.7	99.1	99.0	98.3
2009	8192	99.4	98.6	99.3	98.6	98.3	99.1	99.4	99.0
2010	8138	99.6	98.3	99.3	98.4	98.4	99.2	99.2	98.9
2011	7548	99.4	98.2	99.1	98.2	98.3	98.9	99.3	98.7
2012	7485	99.6	98.5	99.6	98.7	98.8	99.1	99.2	99.2
2013	7507	99.6	98.8	99.9	99.1	99.1	99.4	99.6	99.5
2014	7463	99.9	99.3	100.4	99.8	99.7	99.3	99.8	100.1
2015	7202	100.0	99.8	100.9	100.4	100.1	99.2	100.1	100.6
2016	6978	99.8	100.2	101.1	100.8	100.2	99.1	100.8	100.9
2017	6169	99.5	100.7	101.3	101.2	100.2	98.8	101.2	101.3
2018	5641	99.5	101.2	101.7	101.7	100.6	99.0	101.6	101.7
2019	3969	99.3	101.4	102.0	101.9	100.9	99.1	101.9	102.0
2020	33	99.1	101.6	102.1	102.1	100.8	99.3	103.0	102.2

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1984	13	99.4	98.3	95.8	99.3	102.1
1985	20	100.8	88.7	95.2	98.6	101.7
1986	22	100.1	93.5	95.5	98.5	102.1
1987	59	99.7	96.3	95.5	98.7	101.7
1988	117	100.1	96.3	95.9	98.8	101.9
1989	216	99.9	97.2	95.3	98.4	101.5

1990	321	100.0	97.4	95.2	98.0	101.3
1991	450	100.4	98.2	95.4	98.2	101.2
1992	723	101.6	99.8	95.2	98.0	100.7
1993	990	101.5	99.9	95.0	97.7	100.6
1994	1260	102.0	99.7	95.0	97.5	100.5
1995	1737	101.5	99.5	95.0	97.5	100.1
1996	1999	101.2	99.4	95.1	97.2	100.1
1997	2436	101.3	99.4	95.0	96.8	99.6
1998	3047	101.1	99.2	94.9	96.6	98.9
1999	3004	100.4	99.1	94.8	96.4	98.4
2000	3565	100.4	99.0	95.7	97.6	99.7
2001	3909	100.6	98.7	95.4	97.3	99.2
2002	3887	100.4	98.1	94.8	96.5	98.4
2003	3895	100.6	98.4	94.9	96.4	98.4
2004	3939	100.7	98.2	94.9	96.3	98.0
2005	3839	101.0	98.3	95.1	96.4	97.9
2006	3810	101.2	99.0	95.4	96.6	98.1
2007	3754	101.2	99.0	95.5	96.6	98.1
2008	3987	100.7	99.1	95.9	96.9	98.3
2009	4014	100.1	99.3	96.5	97.6	99.2
2010	4095	100.0	99.4	96.8	97.7	99.1
2011	3879	100.0	99.5	97.4	98.1	99.1
2012	3771	99.9	99.8	98.1	98.6	99.4
2013	3751	100.2	100.3	98.6	98.9	99.6
2014	3479	100.4	101.0	99.0	99.2	99.6
2015	3398	100.3	100.6	99.7	99.9	100.1
2016	3098	100.3	100.6	100.5	100.5	101.0
2017	2798	100.0	100.9	101.0	101.0	101.1
2018	2161	100.4	101.7	101.6	101.6	101.1
2019	290	100.3	101.6	102.0	101.9	101.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1983	10	-265.5	-602.2	-166.5	102.0	104.7	89.0	89.8	99.5	0.0
1984	21	-273.0	-543.0	-299.6	100.9	102.2	90.1	90.3	97.2	70.0
1985	37	-263.1	-569.8	-312.1	100.5	102.8	91.0	89.8	98.6	99.2
1986	42	-253.0	-543.2	-322.9	100.7	103.3	91.7	89.0	98.6	93.7
1987	102	-262.5	-534.1	-366.1	100.5	102.4	91.5	89.4	98.1	79.4
1988	210	-263.6	-534.2	-383.0	100.7	102.5	91.3	90.3	97.9	73.0
1989	383	-260.9	-522.7	-388.3	100.2	102.3	91.1	90.9	98.0	71.2
1990	536	-262.2	-521.1	-385.5	99.9	102.2	90.8	91.0	97.7	75.1
1991	765	-259.1	-486.9	-410.5	99.9	101.6	91.4	90.5	97.5	68.5
1992	1166	-254.0	-477.1	-381.9	99.5	101.6	92.0	91.0	98.0	64.3
1993	1617	-255.7	-471.1	-398.6	99.3	101.4	92.3	91.8	98.1	58.0
1994	2111	-249.8	-425.4	-431.7	99.1	101.0	91.3	90.7	98.1	51.2
1995	2848	-243.9	-410.9	-399.9	98.9	100.7	91.3	91.0	98.5	49.9
1996	3287	-241.6	-385.0	-411.8	98.7	99.8	92.0	92.0	98.3	45.8
1997	4009	-238.6	-365.7	-417.1	98.2	99.6	92.2	92.3	98.3	41.6
1998	5064	-238.5	-347.2	-447.1	97.7	99.4	92.3	92.7	98.4	34.8
1999	5173	-227.1	-330.5	-428.4	97.3	99.7	93.0	93.0	98.9	32.5
2000	5848	-198.3	-299.8	-340.2	98.7	99.5	94.1	94.0	98.7	30.3
2001	6293	-195.8	-279.8	-343.4	98.2	99.4	94.3	94.1	98.5	23.6

2002	6360	-192.6	-251.3	-372.1	97.3	99.3	94.6	94.1	98.4	19.4
2003	6435	-184.6	-231.4	-359.5	97.2	98.9	95.2	94.3	98.2	16.4
2004	6588	-178.1	-203.0	-371.7	96.9	98.6	95.1	94.3	97.8	14.7
2005	6571	-163.2	-175.1	-345.2	96.9	98.5	95.1	94.5	97.9	12.7
2006	6590	-150.1	-155.9	-286.8	97.2	98.1	95.7	95.2	98.1	7.0
2007	6576	-140.0	-143.4	-260.6	97.1	98.1	96.1	95.5	97.8	8.6
2008	7065	-125.3	-125.6	-224.5	97.4	98.3	96.5	95.5	98.2	7.7
2009	6889	-112.5	-128.7	-194.8	98.3	99.0	97.1	96.4	98.1	0.9
2010	6825	-98.8	-109.7	-177.4	98.3	98.9	97.7	97.2	98.3	0.7
2011	6336	-78.8	-79.5	-144.2	98.5	98.7	97.9	98.3	98.5	-0.1
2012	6073	-59.7	-65.3	-103.0	99.0	99.2	98.4	98.7	98.9	-0.4
2013	6029	-42.3	-47.0	-61.0	99.2	99.5	99.2	98.9	99.1	-1.6
2014	5914	-27.0	-32.1	-33.7	99.4	100.1	99.9	99.2	99.7	-5.3
2015	5692	-7.7	-15.1	-11.2	100.0	100.6	100.7	99.4	100.2	-7.1
2016	5433	14.1	5.2	33.3	100.9	100.9	101.4	99.8	100.5	-11.7
2017	4846	31.5	29.9	48.9	101.2	101.3	102.1	100.1	101.0	-18.2
2018	4352	59.9	66.0	87.6	101.5	101.7	103.7	100.5	101.8	-23.3
2019	1096	76.4	88.8	121.6	101.7	102.0	103.7	100.5	102.2	-19.6

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1987	11	92.3	92.4	98.8	95.3	90.8	97.0	95.6
1988	13	92.6	91.2	99.5	96.6	89.5	97.0	94.6
1989	19	93.2	92.9	99.1	96.2	92.7	96.2	96.0
1990	28	93.4	92.3	99.2	97.1	91.7	96.5	95.9
1991	66	92.1	92.5	98.0	94.8	92.7	96.0	96.7
1992	94	92.1	92.9	97.5	94.3	93.5	96.4	96.8
1993	152	92.5	93.7	97.4	94.5	93.9	96.6	96.9
1994	296	93.2	94.6	98.5	94.0	94.3	97.5	96.4
1995	382	93.2	94.6	98.6	94.0	94.3	97.6	96.3
1996	659	93.3	93.0	99.1	95.9	92.3	97.9	95.7
1997	1013	93.0	92.9	98.9	96.1	91.8	96.8	95.1
1998	2044	93.0	93.0	99.2	96.1	91.7	96.3	94.8
1999	2188	93.7	93.4	99.6	96.6	91.8	97.3	95.2
2000	2633	93.7	94.8	98.4	96.0	93.1	97.2	95.8
2001	2938	93.4	94.7	98.2	95.3	93.3	97.0	95.9
2002	3097	93.5	94.5	98.5	95.9	92.8	97.3	95.1
2003	3314	93.9	94.9	98.5	96.3	93.0	97.5	95.4
2004	3540	94.2	95.3	98.7	96.4	93.4	97.3	95.5
2005	3491	94.9	95.9	99.2	96.5	94.0	97.5	95.8
2006	3499	94.9	96.3	98.7	96.4	94.5	97.4	96.6
2007	3531	95.5	97.0	98.6	96.8	95.2	97.5	97.2
2008	3784	95.7	97.2	98.4	96.9	95.7	97.6	97.8
2009	3822	96.1	97.5	98.4	97.3	96.4	97.7	98.2
2010	3931	96.5	97.9	98.4	97.7	96.9	97.8	98.1
2011	3713	97.0	98.4	98.3	98.1	97.5	98.1	98.4
2012	3611	97.9	99.0	98.9	98.6	98.3	98.7	98.7
2013	3686	98.2	99.4	98.7	98.6	98.8	99.0	98.9
2014	3432	98.2	99.6	98.5	98.6	99.0	99.3	99.2
2015	3308	99.2	100.0	99.3	99.2	99.6	100.2	99.6
2016	2987	100.0	100.3	100.1	99.8	100.1	101.1	99.5
2017	2600	100.2	100.4	100.3	99.9	100.5	101.3	99.2

2018	1974	101.2	101.3	100.9	100.4	101.2	101.7	99.4
2019	238	101.5	101.6	101.0	100.7	101.5	101.7	99.4

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1986	10	95.2	100.2	95.2	100.2	93.7	99.4
1987	21	96.0	100.2	96.0	100.2	94.0	99.2
1988	22	95.2	100.2	95.2	100.2	93.8	98.0
1989	32	95.4	100.4	95.4	100.4	93.8	98.7
1990	44	95.5	100.4	95.5	100.4	93.6	99.3
1991	57	95.9	100.3	95.9	100.3	95.0	98.9
1992	62	95.5	100.1	95.5	100.1	94.2	98.7
1993	101	95.6	100.3	95.6	100.3	94.6	98.8
1994	131	95.5	100.5	95.5	100.5	95.1	98.9
1995	139	95.6	100.4	95.6	100.4	94.6	98.6
1996	187	96.0	100.1	96.0	100.1	94.6	98.7
1997	237	96.4	100.3	96.4	100.3	95.2	98.9
1998	306	96.4	100.6	96.4	100.6	94.9	98.9
1999	305	96.8	100.9	96.8	100.9	95.2	99.4
2000	426	97.1	100.0	97.1	100.0	95.5	99.8
2001	516	96.9	100.1	96.9	100.1	95.4	100.0
2002	550	97.0	99.8	97.0	99.8	95.4	99.8
2003	661	97.0	99.7	97.0	99.7	95.5	99.8
2004	716	97.1	99.3	97.1	99.3	95.8	99.5
2005	768	97.2	99.3	97.2	99.3	96.2	99.5
2006	856	97.6	99.2	97.6	99.2	96.4	99.5
2007	819	97.5	99.0	97.5	99.0	96.6	99.2
2008	980	98.1	98.9	98.1	98.9	97.3	99.1
2009	995	98.0	99.0	98.0	99.0	97.5	99.3
2010	992	98.4	99.1	98.4	99.1	98.2	99.5
2011	998	98.7	99.1	98.7	99.1	98.8	99.5
2012	923	99.4	99.3	99.4	99.3	99.5	99.8
2013	979	99.8	99.3	99.8	99.3	100.0	99.9
2014	873	99.8	99.8	99.8	99.8	100.4	99.8
2015	939	99.6	100.3	99.6	100.3	100.5	100.2
2016	647	99.6	100.6	99.6	100.6	100.9	100.4
2017	518	100.0	100.9	100.0	100.9	101.6	100.6
2018	236	100.1	101.6	100.1	101.6	101.5	100.8
2019	81	101.4	101.1	101.4	101.1	102.4	101.1
2020	23	101.0	100.3	101.0	100.3	101.8	100.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	19	95.3	105.3	105.4	96.8	100.5	101.8
1985	22	98.9	103.2	100.9	98.3	100.0	99.0
1986	31	98.0	103.2	101.9	94.2	96.2	96.3

1987	62	97.0	104.4	103.3	95.5	98.9	99.8
1988	122	96.7	104.4	103.6	94.6	97.7	98.8
1989	222	97.1	104.5	103.2	96.2	99.7	101.0
1990	318	97.1	104.7	103.0	96.1	100.8	101.9
1991	394	96.6	104.3	103.6	95.6	100.0	100.5
1992	554	96.4	104.0	103.7	96.1	99.4	98.4
1993	735	96.4	104.0	103.8	97.8	100.5	98.7
1994	815	95.9	103.7	104.3	97.9	100.1	99.0
1995	1040	96.8	103.9	103.3	98.5	100.1	97.6
1996	1227	96.8	104.7	103.6	97.9	100.4	98.3
1997	1527	96.8	104.8	103.5	98.0	100.9	98.4
1998	1964	96.5	104.5	103.9	97.8	101.2	98.8
1999	1961	96.8	103.6	103.5	98.2	100.6	98.3
2000	2653	97.0	102.9	103.2	98.5	99.8	97.5
2001	3040	96.5	102.9	103.9	98.7	99.9	97.9
2002	3082	95.9	103.4	104.5	98.9	100.3	98.1
2003	3472	95.7	103.1	104.7	99.0	100.5	98.0
2004	3721	95.8	103.0	104.8	99.0	100.7	98.5
2005	3829	96.0	102.8	104.5	99.7	100.8	98.4
2006	3975	96.2	102.5	104.5	99.4	100.6	98.4
2007	4464	96.9	102.4	103.7	98.9	100.8	98.7
2008	4547	97.4	102.3	103.3	99.1	100.7	98.7
2009	5576	97.3	101.8	103.5	99.5	100.6	98.5
2010	6126	97.3	101.6	103.6	99.6	100.5	98.6
2011	5861	97.7	101.5	103.3	99.4	100.6	98.8
2012	5716	98.1	101.2	102.8	99.5	100.5	98.8
2013	5716	98.6	101.1	102.2	99.5	100.5	99.0
2014	5489	98.7	100.6	102.0	100.0	100.4	99.1
2015	5283	98.9	100.4	101.7	100.3	100.2	99.3
2016	4952	99.4	100.2	101.2	100.8	100.4	99.4
2017	4449	99.8	100.1	100.7	101.1	100.4	99.4
2018	3843	100.1	99.9	100.3	101.8	100.8	99.5
2019	2946	100.3	99.4	100.0	102.2	100.7	99.3
2020	2591	100.8	99.1	99.4	102.7	101.1	99.3
2021	1018	100.8	98.9	99.3	102.6	101.3	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	103.3	106.2	97.5	102.7	104.2	98.0	103.6	97.8	105.8	98.6	102.6
1985	14	103.5	107.0	95.1	101.6	105.2	96.6	103.6	98.0	106.2	97.8	101.4
1986	16	103.8	106.6	96.4	102.3	104.8	97.2	103.9	98.1	106.1	98.3	102.4
1987	40	104.0	106.5	97.8	103.0	104.8	98.2	104.4	97.3	106.2	99.0	103.7
1988	70	104.3	107.3	96.7	103.1	105.3	97.7	104.3	97.8	106.5	98.4	103.5
1989	112	104.9	107.6	97.0	103.5	105.9	98.0	105.0	97.8	107.0	98.9	104.1
1990	133	104.3	106.7	97.4	102.9	105.3	97.8	104.6	97.6	106.5	98.7	103.5
1991	226	104.2	106.1	97.8	102.6	104.5	98.2	104.2	98.3	106.0	98.9	103.3
1992	351	104.2	106.0	97.7	102.6	104.7	98.3	104.2	98.4	105.9	98.8	103.3
1993	483	104.3	105.5	98.0	102.7	104.6	98.3	104.3	98.5	105.7	98.9	103.4
1994	644	104.3	106.1	97.8	103.2	104.2	98.7	104.1	99.0	106.0	98.8	104.4
1995	923	103.7	105.4	98.8	102.6	103.6	99.3	103.5	99.1	105.4	99.5	103.7
1996	1196	103.3	104.9	99.3	102.6	103.2	99.6	103.4	98.4	105.3	99.6	103.6
1997	1623	103.0	104.6	99.0	102.5	102.9	99.5	102.9	98.8	104.9	99.2	103.1

1998	2304	102.7	103.9	99.1	102.5	102.2	99.2	102.7	99.1	104.0	98.7	102.9
1999	2561	102.3	103.6	98.9	102.5	101.8	99.3	102.4	98.8	103.6	98.8	102.7
2000	3724	102.2	102.9	99.0	102.1	101.6	99.7	101.9	99.8	103.3	99.1	102.1
2001	5014	102.1	102.6	99.7	102.2	101.4	100.0	101.9	99.9	102.9	99.6	102.2
2002	5449	102.5	102.0	100.3	102.3	101.2	99.9	102.3	100.1	102.3	99.8	102.2
2003	5884	102.3	101.4	100.6	101.9	101.0	99.9	102.2	100.2	101.8	99.8	101.8
2004	6117	102.3	100.8	100.7	101.7	101.1	99.7	102.0	100.4	101.7	99.4	101.8
2005	6094	102.0	100.3	101.1	101.4	100.9	99.7	101.8	100.3	101.5	99.4	101.8
2006	6237	101.7	99.9	101.1	101.1	100.5	99.8	101.6	100.3	101.0	99.6	101.3
2007	6306	101.0	99.7	101.1	100.7	100.0	100.1	101.1	99.9	100.5	99.9	100.6
2008	6991	101.0	99.4	101.0	100.5	99.9	100.2	101.0	100.0	100.3	100.0	100.3
2009	6942	100.7	99.8	100.3	101.1	99.7	100.3	101.0	99.2	100.3	99.9	100.5
2010	6895	100.6	99.2	100.6	100.6	99.6	100.1	100.8	99.4	100.0	99.8	100.2
2011	6347	100.4	98.6	100.8	100.0	99.5	100.0	100.6	99.6	99.8	99.7	99.8
2012	6101	100.5	98.6	100.9	99.9	99.8	99.9	100.7	99.4	99.9	99.8	99.9
2013	5889	100.5	98.1	101.3	99.6	99.8	100.0	100.9	99.2	99.7	100.0	99.9
2014	5270	100.5	97.7	101.9	99.6	99.7	100.0	101.0	99.0	99.4	100.3	99.9
2015	4657	100.2	97.3	102.0	99.5	99.3	100.4	100.8	98.9	99.1	100.6	99.6
2016	3912	99.8	97.0	102.0	99.5	98.7	100.5	100.7	98.5	98.7	100.7	99.4
2017	3134	100.1	97.3	102.0	100.1	98.9	100.6	101.0	98.5	98.9	100.9	99.9
2018	2247	100.2	96.9	102.3	100.3	98.7	100.8	101.1	98.7	98.6	101.3	100.0
2019	274	100.0	96.7	102.8	99.8	98.7	100.9	100.9	98.3	98.6	101.5	99.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	20	99.0	99.5	98.3
1988	18	99.4	99.8	99.1
1989	29	98.8	99.5	98.4
1990	33	98.5	99.2	98.0
1991	45	98.8	99.6	98.8
1992	38	98.4	99.2	98.4
1993	52	98.7	99.7	98.1
1994	68	99.0	99.8	98.5
1995	78	98.8	99.6	97.9
1996	94	99.1	100.0	97.6
1997	111	98.8	99.5	98.0
1998	143	99.2	99.9	99.0
1999	138	99.5	100.2	99.0
2000	215	99.0	99.8	98.8
2001	237	99.5	100.0	99.0
2002	284	99.3	100.1	98.9
2003	347	99.5	100.1	98.9
2004	423	100.0	100.3	99.3
2005	436	100.0	100.1	99.2
2006	461	100.0	100.2	98.9
2007	448	100.0	100.1	99.0
2008	539	100.0	100.3	99.1
2009	507	100.0	99.8	99.7
2010	480	99.8	99.6	99.0
2011	500	100.0	99.9	99.3
2012	398	100.7	100.5	99.6
2013	411	100.8	100.2	100.0

2014	346	100.5	100.0	99.9
2015	369	100.7	100.3	99.5
2016	269	101.4	100.7	100.2
2017	280	101.3	100.7	100.1
2018	145	101.5	100.5	99.8
2019	65	101.9	100.6	100.7
2020	29	101.1	100.5	100.0

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	6294	-3193.2	-12500.2	-538.3	-461.3
2002	6361	-3260.2	-12726.6	-552.3	-469.8
2003	6428	-3128.2	-12187.5	-530.8	-450.6
2004	6590	-3118.2	-12129.7	-529.5	-449.1
2005	6568	-2891.0	-11040.8	-496.9	-414.0
2006	6587	-2519.7	-9428.2	-438.0	-358.9
2007	6576	-2340.6	-8859.4	-404.8	-334.1
2008	7073	-2080.1	-7871.4	-362.0	-295.8
2009	7000	-1914.8	-7114.3	-337.0	-270.7
2010	6969	-1749.4	-6503.9	-310.5	-246.0
2011	6495	-1454.2	-5369.7	-259.2	-204.1
2012	6354	-1150.7	-4166.6	-207.5	-160.5
2013	6301	-826.4	-2930.3	-151.4	-114.3
2014	6178	-589.2	-1978.2	-111.0	-80.3
2015	5952	-376.8	-1222.9	-75.4	-49.2
2016	5693	-8.3	334.6	-14.1	4.1
2017	5039	194.5	1178.6	19.4	33.6
2018	4443	597.2	2829.6	88.6	90.8
2019	948	902.4	3986.7	147.3	131.3

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

Jaar	Aantal	Eff	Int	Gewen
1987	14	98.7	89.5	101.9
1988	14	97.5	89.4	102.6
1989	22	98.6	90.6	102.7
1990	32	98.7	91.1	102.1
1991	36	97.7	90.3	102.8
1992	56	98.6	90.1	102.8
1993	89	98.7	90.4	102.9
1994	126	98.3	86.9	103.3
1995	148	98.3	88.1	103.2
1996	195	98.5	88.0	103.2
1997	247	98.5	87.8	102.6
1998	336	98.2	87.5	102.8
1999	312	97.9	88.3	102.7
2000	458	97.7	88.7	102.3

2001	578	98.3	89.2	102.1
2002	596	98.2	89.3	102.0
2003	656	98.4	89.8	101.9
2004	695	98.6	90.3	102.0
2005	765	99.3	90.5	102.0
2006	815	99.7	91.4	101.4
2007	842	99.5	91.7	101.4
2008	983	99.3	92.0	101.3
2009	1067	98.7	92.7	101.6
2010	1191	99.1	93.4	101.3
2011	1230	99.4	94.4	100.8
2012	1263	99.6	95.4	100.6
2013	1382	100.1	96.7	100.4
2014	1361	100.3	98.2	100.5
2015	1475	100.4	99.4	100.4
2016	1288	100.4	100.9	100.4
2017	1141	100.3	102.0	99.6
2018	925	100.8	102.4	99.3
2019	293	100.0	102.9	99.4

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1983	10	98.0	97.0	0	0.0	0.0	0	0.0
1984	21	98.9	97.1	1	-2.6	70.0	0	0.0
1985	37	97.5	95.9	36	-5.3	99.2	0	0.0
1986	42	96.8	96.6	41	-5.0	93.7	0	0.0
1987	102	97.2	96.7	102	-4.7	79.4	0	0.0
1988	210	96.4	96.2	206	-4.6	73.0	0	0.0
1989	383	96.9	96.2	383	-4.5	71.2	0	0.0
1990	536	97.0	96.5	532	-4.6	75.1	0	0.0
1991	765	96.7	96.3	765	-4.2	68.5	0	0.0
1992	1166	96.8	96.4	1165	-4.1	64.3	0	0.0
1993	1617	96.2	96.1	1613	-4.0	58.0	0	0.0
1994	2111	95.9	96.5	2109	-3.5	51.2	0	0.0
1995	2848	96.8	96.6	2840	-3.4	49.9	0	0.0
1996	3287	96.8	96.1	3284	-3.2	45.8	0	0.0
1997	4009	96.8	96.1	4005	-3.0	41.6	0	0.0
1998	5064	96.6	96.0	5062	-2.7	34.8	0	0.0
1999	5173	96.9	96.4	5170	-2.6	32.5	0	0.0
2000	5848	97.7	97.1	5842	-2.4	30.3	0	0.0
2001	6293	98.0	97.1	6283	-2.1	23.6	3911	99.0
2002	6360	97.7	96.7	6355	-1.9	19.4	3880	99.1
2003	6435	97.7	96.5	6422	-1.7	16.4	3870	99.3
2004	6588	97.9	96.4	6581	-1.5	14.7	3937	99.2
2005	6571	98.4	96.5	6568	-1.3	12.7	3848	99.3
2006	6590	99.1	97.0	6582	-1.1	7.0	3824	99.8
2007	6576	99.3	97.2	6567	-1.0	8.6	3756	99.6
2008	7065	99.4	97.7	7074	-0.9	7.7	4020	99.7
2009	6889	99.3	98.0	6994	-0.8	0.9	4059	100.5
2010	6825	99.5	97.9	6965	-0.7	0.7	4143	100.4
2011	6336	100.0	98.1	6489	-0.5	-0.1	3927	100.3
2012	6073	100.2	98.5	6345	-0.4	-0.4	3813	100.2

2013	6029	100.7	98.6	6307	-0.3	-1.6	3842	100.3
2014	5914	101.1	98.6	6208	-0.1	-5.3	3560	100.7
2015	5692	101.4	98.9	6008	0.0	-7.1	3445	101.0
2016	5433	101.9	99.0	5874	0.2	-11.7	3165	101.4
2017	4846	102.8	99.3	5247	0.5	-18.2	2849	102.3
2018	4352	103.5	99.7	4796	0.8	-23.3	2220	102.6
2019	1096	103.8	99.8	2193	1.0	-19.6	295	102.2
2020	0	0.0	0.0	1360	1.3	-15.1	0	0.0
2021	0	0.0	0.0	582	1.6	-19.7	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	11	99.9	0	0.0	0	0.0	11	95.7
1987	20	99.3	3	97.7	3	95.7	20	96.5
1988	34	99.8	2	97.0	2	101.0	34	95.7
1989	54	99.5	5	96.6	5	96.6	54	95.6
1990	73	99.3	10	96.3	10	96.8	73	95.7
1991	108	99.3	14	97.1	13	98.5	108	95.2
1992	161	99.6	8	97.6	8	96.1	161	95.3
1993	245	99.7	13	97.4	13	97.2	245	95.2
1994	328	99.4	20	99.0	20	97.2	328	94.9
1995	443	99.6	18	100.1	18	97.2	443	95.2
1996	552	99.4	18	97.9	18	97.5	552	94.8
1997	731	98.9	25	96.5	25	97.7	731	94.2
1998	970	98.9	42	97.0	43	100.0	970	93.8
1999	1026	99.2	23	98.6	23	99.5	1026	94.9
2000	1481	100.1	52	100.7	54	99.3	1481	95.8
2001	1749	100.3	51	100.9	52	98.3	1749	96.0
2002	1951	100.0	58	100.7	61	97.9	1951	95.9
2003	2405	100.1	59	101.2	59	99.3	2405	96.2
2004	2674	99.6	76	99.9	81	99.7	2674	95.8
2005	3074	98.9	49	98.7	52	98.5	3074	95.6
2006	3479	99.0	72	99.4	73	98.4	3479	95.9
2007	3955	99.2	51	99.2	53	99.4	3955	96.2
2008	4803	99.7	77	99.5	80	99.5	4803	96.5
2009	5504	100.0	37	99.0	40	99.0	5504	97.5
2010	6497	100.0	57	100.0	58	99.8	6497	97.6
2011	6121	99.9	39	99.6	44	99.5	6121	97.8
2012	5948	99.8	49	98.8	51	99.7	5948	98.0
2013	5885	99.6	29	99.3	30	99.7	5885	98.5
2014	5748	99.8	26	99.4	30	99.5	5748	99.3
2015	5478	100.1	14	99.4	17	100.1	5478	100.1
2016	5245	100.2	7	99.9	13	98.8	5245	100.6
2017	4657	100.3	3	100.0	8	100.1	4657	101.0
2018	4093	100.3	0	0.0	2	100.5	4093	101.3
2019	1054	100.2	0	0.0	1	101.0	1054	101.4

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1987	10	99.7	98.9	101.8	99.0	98.4	99.1
1989	15	99.4	98.5	101.5	98.6	98.9	99.7
1990	11	99.0	98.5	100.7	98.5	98.1	98.5
1991	23	101.0	100.7	102.3	100.2	99.4	100.2
1992	15	99.9	99.7	101.8	99.3	98.4	98.9
1993	30	99.5	98.9	101.2	98.7	98.7	98.9
1994	34	100.6	100.4	102.6	99.5	98.9	100.4
1995	36	99.5	99.1	101.5	98.4	98.9	99.5
1996	44	98.1	97.5	99.8	97.9	97.9	97.3
1997	48	98.6	97.7	100.2	98.2	98.3	98.3
1998	74	98.9	98.5	100.7	98.3	97.7	98.7
1999	44	99.2	98.8	100.6	98.6	98.2	99.1
2000	97	99.6	99.5	101.3	99.1	97.7	99.2
2001	96	99.8	99.7	101.2	98.9	98.3	99.3
2002	112	98.9	98.4	100.5	98.4	98.0	99.0
2003	123	99.9	99.9	101.1	98.9	98.7	100.2
2004	158	99.4	99.4	100.5	98.5	98.4	99.5
2005	134	100.2	100.1	101.1	99.4	98.7	99.8
2006	156	100.7	100.7	101.8	99.7	98.7	100.3
2007	145	101.0	101.1	102.0	99.9	99.2	100.6
2008	171	101.0	100.5	102.1	99.9	99.6	100.7
2009	144	100.5	100.5	101.5	99.3	99.4	100.2
2010	159	100.6	100.7	101.0	99.7	99.4	100.3
2011	163	100.7	100.8	101.2	99.7	99.7	100.5
2012	135	100.2	100.3	100.7	99.4	99.4	100.1
2013	116	100.0	99.9	100.6	99.1	99.7	99.8
2014	103	100.0	99.6	100.7	99.2	99.5	99.9
2015	100	99.6	99.3	100.3	98.7	99.9	99.4
2016	77	99.3	98.7	100.1	98.9	99.0	99.2
2017	25	99.6	99.3	100.2	99.0	99.7	99.4

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	140	-3130.5	-110.3	-104.2	-142.4	40.0	8.7	0.9	-701.8
1981	248	-3171.1	-111.5	-105.3	-144.3	41.1	9.5	0.9	-709.1
1982	296	-3150.7	-109.9	-105.3	-143.4	42.3	8.4	0.9	-705.5
1983	539	-3105.7	-108.3	-104.6	-141.3	41.4	6.7	0.9	-698.7
1984	516	-3024.6	-103.3	-102.2	-137.6	43.6	5.9	0.9	-677.5
1985	730	-3139.4	-104.2	-104.4	-142.9	51.8	9.3	0.9	-689.8
1986	667	-2965.0	-95.7	-98.6	-134.9	52.6	8.7	0.8	-645.7
1987	726	-2807.3	-92.5	-94.2	-127.7	45.4	6.7	0.8	-618.6
1988	700	-2642.6	-88.0	-89.4	-120.2	40.1	4.9	0.7	-587.7
1989	730	-2582.8	-84.1	-87.6	-117.5	41.9	4.4	0.8	-571.3
1990	643	-2426.2	-74.4	-81.7	-110.3	45.6	5.0	0.7	-524.4
1991	661	-2181.3	-63.9	-73.1	-99.1	44.5	5.1	0.7	-463.5
1992	919	-2025.6	-61.2	-69.0	-92.0	37.3	2.9	0.7	-438.9
1993	725	-1897.2	-58.6	-65.2	-86.1	32.6	1.9	0.7	-416.1
1994	493	-1809.6	-53.1	-61.6	-82.2	35.0	2.7	0.7	-388.8
1995	542	-1540.5	-45.3	-53.8	-69.9	28.6	0.3	0.6	-336.8

1996	420	-1410.1	-42.5	-49.8	-63.9	24.2	-0.5	0.6	-312.7
1997	245	-1417.6	-45.6	-51.4	-64.3	20.8	-2.2	0.5	-326.0
1998	193	-1371.3	-44.1	-49.2	-62.1	20.3	-1.2	0.7	-313.1
1999	177	-1372.1	-45.7	-49.5	-62.2	17.8	-1.7	0.6	-317.7
2000	167	-1160.0	-44.1	-44.1	-52.8	7.5	-4.2	0.3	-289.5
2001	155	-1094.9	-40.4	-40.5	-50.3	9.2	-2.4	-0.4	-266.3
2002	143	-1183.7	-39.4	-41.9	-52.9	15.7	-0.1	1.4	-270.7
2003	140	-1025.2	-35.0	-37.2	-45.1	11.8	-1.4	2.3	-239.9
2004	110	-819.2	-33.0	-33.1	-37.0	3.1	-5.1	0.6	-215.9
2005	106	-835.5	-33.7	-33.4	-36.5	3.0	-4.9	2.0	-218.7
2006	104	-827.0	-31.3	-30.4	-34.5	5.4	-1.6	4.1	-200.7
2007	85	-639.5	-27.2	-24.7	-27.0	1.1	-2.5	2.5	-166.5
2008	63	-629.4	-28.4	-27.0	-24.9	-0.7	-5.4	4.8	-177.7
2009	54	-670.2	-32.0	-26.5	-27.1	-2.9	-3.2	4.2	-184.2
2010	34	-498.7	-30.4	-23.9	-18.9	-9.9	-7.1	4.9	-167.3
2011	34	-307.5	-19.9	-17.5	-7.0	-7.5	-7.6	8.4	-115.8
2012	29	-521.8	-22.8	-21.3	-17.2	0.4	-3.0	8.0	-140.5
2013	24	-579.8	-19.5	-20.8	-20.8	7.3	-0.2	6.8	-132.7
2014	23	-334.0	-20.8	-15.7	-13.0	-6.4	-4.0	2.6	-111.8
2015	24	-441.8	-21.7	-18.0	-14.4	-1.9	-2.2	7.2	-123.8
2016	13	-59.4	5.2	-1.1	7.9	9.8	1.6	13.1	8.9
2017	11	-248.5	-2.1	-4.1	-8.6	10.9	5.7	3.2	-23.7
2018	12	236.4	6.0	2.2	15.1	-3.6	-6.2	4.6	25.9

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	65	82.0	96.6	85.1	84.3	108.1	95.9	98.0
1981	93	83.2	97.0	85.9	85.2	108.1	96.8	98.3
1982	98	84.1	97.3	86.5	85.7	107.6	96.7	98.5
1983	212	83.9	97.0	86.7	85.9	107.3	96.0	98.2
1984	197	84.6	96.5	86.9	86.4	106.5	96.6	97.7
1985	242	84.7	96.6	87.0	86.3	106.9	96.4	97.4
1986	237	85.2	96.4	87.6	86.9	106.1	96.8	97.8
1987	256	86.4	96.5	88.5	87.7	105.5	96.6	97.8
1988	233	87.3	96.5	90.0	88.8	104.6	96.1	98.1
1989	318	87.3	95.7	89.6	88.6	103.9	95.9	97.6
1990	295	87.9	94.9	89.7	89.0	103.0	97.1	97.7
1991	327	89.1	95.4	90.6	90.2	101.8	97.9	97.4
1992	440	89.8	96.1	91.6	91.0	101.6	97.8	97.1
1993	348	90.3	96.8	91.9	91.4	101.5	98.2	96.9
1994	236	90.3	96.5	91.7	91.4	101.1	98.0	97.0
1995	270	91.3	97.6	92.9	92.6	100.6	98.2	96.5
1996	210	91.6	97.3	93.0	92.9	100.2	98.6	96.2
1997	123	91.5	97.1	93.2	92.7	100.5	98.4	96.3
1998	116	92.2	96.9	93.7	93.5	100.1	98.1	96.9
1999	83	92.7	96.9	94.8	94.5	99.7	98.3	97.7
2000	79	92.6	96.9	94.5	94.1	99.7	98.3	98.1
2001	80	93.3	97.3	95.0	95.1	99.7	98.7	98.3
2002	64	93.2	96.8	94.8	95.0	99.6	99.2	98.0
2003	69	93.4	96.5	94.7	94.9	98.9	98.4	97.8
2004	54	94.4	96.4	95.9	95.9	98.0	98.6	97.6

2005	52	93.8	97.1	95.6	95.6	99.2	99.6	97.4
2006	53	95.3	97.9	96.1	95.2	99.8	100.1	98.9
2007	33	95.7	98.2	96.7	96.1	99.8	100.7	98.7
2008	21	96.4	99.2	96.7	95.5	101.0	99.5	101.3
2009	23	94.7	97.6	95.3	94.3	100.8	99.0	99.1
2010	23	96.9	98.2	97.2	96.8	100.3	100.2	100.0
2011	20	95.2	96.8	96.4	97.0	99.2	99.1	98.8
2012	14	97.1	97.5	98.3	97.9	99.2	98.1	99.5
2013	14	97.9	99.6	97.6	96.6	101.2	99.4	100.6
2014	17	98.6	98.0	98.5	98.2	100.4	99.5	99.8
2015	15	98.1	97.1	97.6	97.9	98.4	100.1	100.1

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	65	92.2	99.6	98.5	95.2	88.7
1981	93	93.1	99.3	99.1	95.7	89.7
1982	98	93.1	99.7	98.8	95.8	89.7
1983	212	93.4	100.2	98.3	95.8	89.9
1984	197	93.6	100.5	98.1	96.1	90.3
1985	242	93.7	100.5	98.3	96.2	90.4
1986	237	93.7	101.3	97.6	96.1	90.6
1987	256	93.9	100.8	98.1	95.9	90.7
1988	233	94.3	101.5	97.7	95.6	91.1
1989	318	94.7	101.6	97.6	96.0	92.1
1990	295	94.9	102.0	97.7	96.3	92.4
1991	327	94.6	102.9	96.9	97.1	92.9
1992	440	94.4	103.4	96.5	97.2	92.7
1993	348	93.9	103.6	96.1	97.5	92.6
1994	236	94.3	103.6	96.2	97.6	93.0
1995	270	93.5	104.2	95.5	98.0	92.8
1996	210	93.9	104.1	95.6	98.1	93.2
1997	123	94.3	103.5	96.0	97.7	93.6
1998	116	94.9	102.4	96.9	97.6	94.0
1999	83	95.2	103.1	96.5	97.6	94.3
2000	79	95.2	102.7	96.7	96.7	94.1
2001	80	96.1	102.0	97.2	97.7	95.3
2002	64	95.4	101.7	97.4	97.2	94.7
2003	69	96.8	102.0	96.9	97.7	95.8
2004	54	95.6	102.2	97.4	97.7	94.8
2005	52	96.4	102.1	98.0	97.5	95.3
2006	53	96.2	101.2	98.8	97.9	95.8
2007	33	96.7	101.1	98.7	97.0	95.9
2008	21	97.4	101.9	99.0	97.3	96.3
2009	23	97.1	100.3	99.1	97.3	96.3
2010	23	97.4	101.7	98.3	98.5	97.3
2011	20	96.7	101.6	98.2	97.9	96.3
2012	14	97.2	100.6	98.5	97.9	96.0
2013	14	98.2	99.9	99.9	98.4	97.1
2014	17	97.2	100.4	98.8	97.6	96.6
2015	15	98.9	100.8	99.1	97.1	97.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	65	88.6	86.5	100.7	90.3	82.2	88.0	87.7
1981	93	88.9	86.0	100.4	90.8	82.7	88.6	88.0
1982	98	89.8	87.0	100.4	91.7	83.6	89.3	88.6
1983	212	89.6	86.6	100.9	91.5	83.9	89.1	88.2
1984	197	89.8	87.0	100.7	91.5	84.9	89.4	88.4
1985	242	90.1	87.4	100.5	92.0	84.6	89.0	88.4
1986	237	90.6	88.1	100.2	92.1	85.1	90.4	89.4
1987	256	90.7	87.8	100.8	92.1	85.7	89.9	88.7
1988	233	91.1	88.5	100.4	92.2	86.7	91.1	89.5
1989	318	91.2	88.6	100.2	92.1	87.1	91.6	89.8
1990	295	91.8	90.7	99.4	93.1	87.9	93.4	92.0
1991	327	92.4	91.3	100.8	93.6	89.4	94.3	92.8
1992	440	92.6	90.9	101.4	93.5	90.0	94.1	92.2
1993	348	92.4	90.8	101.7	93.5	90.4	93.8	92.1
1994	236	92.4	91.1	101.9	93.4	90.5	93.9	92.3
1995	270	92.9	91.0	103.0	93.4	92.1	94.4	92.9
1996	210	92.7	91.1	102.9	93.5	92.3	94.5	92.9
1997	123	93.0	91.6	102.4	93.6	92.1	94.7	93.2
1998	116	94.0	92.9	101.2	94.6	92.3	95.4	94.6
1999	83	94.3	92.9	101.5	94.1	92.2	95.6	95.0
2000	79	93.6	93.4	101.1	94.0	92.4	95.5	94.9
2001	80	94.0	93.5	101.4	94.0	93.7	96.0	95.7
2002	64	94.1	94.1	102.0	94.1	93.0	95.2	95.2
2003	69	94.6	94.6	101.9	95.0	94.5	96.3	96.2
2004	54	94.5	93.6	101.5	94.4	93.7	95.7	95.3
2005	52	94.8	93.7	101.1	94.2	94.1	96.3	95.9
2006	53	95.9	95.9	100.6	95.3	95.2	96.7	97.1
2007	33	95.6	96.5	101.5	95.2	94.5	97.2	97.8
2008	21	96.0	95.0	101.3	95.8	94.4	97.5	97.1
2009	23	95.3	95.4	100.7	95.9	94.5	97.3	96.9
2010	23	97.1	96.4	100.6	96.7	96.5	97.9	97.9
2011	20	95.8	97.0	99.6	96.2	96.5	99.0	98.8
2012	14	97.6	98.7	98.9	98.7	97.7	99.7	99.9
2013	14	97.3	97.3	100.3	98.7	95.5	97.8	98.4
2014	17	98.7	98.8	100.6	98.6	98.2	98.9	99.6
2015	15	98.1	96.9	100.5	99.1	96.9	98.0	98.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	65	90.6	91.7	83.2	88.8	0.0	81.2
1981	93	91.7	92.6	83.8	89.8	0.0	82.4
1982	98	92.0	92.6	85.1	89.8	0.0	83.2
1983	212	91.4	92.6	85.0	90.0	0.0	83.0
1984	197	91.4	92.2	85.5	90.4	0.0	83.5
1985	242	91.2	92.3	85.7	90.5	0.0	83.6

1986	237	91.8	92.4	86.4	90.6	0.0	84.2
1987	256	92.0	92.9	86.6	90.7	0.0	84.5
1988	233	92.3	93.5	87.5	91.1	0.0	85.4
1989	318	91.6	92.5	87.7	92.0	0.0	85.6
1990	295	92.1	91.9	89.0	92.3	0.0	86.5
1991	327	92.8	92.1	90.1	92.3	0.0	87.4
1992	440	93.2	93.1	90.4	92.1	0.0	87.6
1993	348	93.6	93.5	90.5	91.7	0.0	87.7
1994	236	93.4	93.1	90.5	92.2	0.0	87.8
1995	270	94.0	94.1	91.3	91.6	0.0	88.3
1996	210	93.9	94.0	91.4	92.1	0.0	88.6
1997	123	93.9	94.1	91.6	92.6	0.0	88.9
1998	116	94.2	94.6	92.3	93.4	0.0	89.9
1999	83	95.1	95.3	92.1	93.4	0.0	90.2
2000	79	95.2	95.3	92.1	93.4	0.0	90.1
2001	80	95.8	96.2	92.6	94.7	0.0	91.4
2002	64	95.6	95.8	92.3	94.2	0.0	90.9
2003	69	95.0	95.1	93.5	95.2	0.0	91.8
2004	54	95.5	95.4	92.8	94.3	0.0	91.2
2005	52	95.9	95.8	93.2	94.9	0.0	91.8
2006	53	97.5	96.6	94.5	95.2	0.0	93.3
2007	33	98.0	97.4	94.0	95.6	0.0	93.6
2008	21	98.9	98.3	94.5	96.2	0.0	94.4
2009	23	96.6	96.7	94.2	96.0	0.0	93.2
2010	23	98.3	98.4	96.0	96.7	0.0	95.3
2011	20	96.5	97.0	95.5	95.8	0.0	93.8
2012	14	96.9	98.2	97.6	95.4	0.0	95.0
2013	14	98.8	99.0	96.4	97.1	0.0	96.1
2014	17	98.3	99.5	97.9	96.1	0.0	96.4
2015	15	98.1	97.4	97.5	97.1	0.0	96.1

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	571	106.0	105.0	104.7	106.0	103.8	99.5	84.5	105.3
1981	780	105.6	105.2	104.8	106.0	103.6	99.7	85.5	105.4
1982	886	106.0	104.4	104.7	105.4	103.7	99.7	86.0	105.1
1983	1283	105.9	104.0	104.3	105.0	103.3	99.4	85.3	104.7
1984	1000	105.8	103.7	104.2	104.7	103.2	99.8	86.1	104.5
1985	1225	105.9	103.7	104.2	104.8	103.2	99.5	85.6	104.5
1986	965	104.9	103.2	103.2	104.1	102.4	99.0	86.4	103.6
1987	838	104.6	103.0	103.0	103.7	102.1	99.7	87.5	103.3
1988	752	104.6	101.9	102.3	102.7	101.6	100.5	87.9	102.4
1989	793	104.1	101.8	101.9	102.3	101.2	100.2	88.3	102.1
1990	710	104.1	101.4	101.9	102.2	101.4	101.0	88.6	102.0
1991	704	103.4	100.9	101.3	101.6	100.8	101.1	89.1	101.3
1992	973	102.9	100.5	100.7	101.1	100.3	101.3	90.1	100.7
1993	787	102.5	100.6	100.6	101.0	100.1	101.3	90.8	100.7
1994	529	102.6	100.1	100.5	100.6	100.2	101.0	90.5	100.4
1995	591	102.1	99.2	99.6	99.5	99.5	100.8	91.2	99.4
1996	462	101.6	99.0	99.2	99.2	99.3	100.7	92.0	99.1
1997	269	101.6	99.3	99.5	99.4	99.3	99.8	92.2	99.4
1998	206	101.6	99.0	99.3	99.1	99.2	100.0	93.1	99.1

1999	201	101.4	98.9	99.1	98.8	99.0	100.6	92.9	99.0
2000	186	100.9	98.9	98.5	98.5	98.4	100.3	94.2	98.5
2001	172	101.0	98.7	99.0	98.6	98.7	99.5	94.4	98.8
2002	153	101.3	98.6	99.0	98.6	98.8	100.0	94.1	98.8
2003	158	101.5	98.2	99.1	98.4	99.2	100.7	94.3	98.7
2004	124	101.6	97.4	98.7	97.7	99.0	101.2	94.5	98.1
2005	112	101.2	97.7	98.4	97.8	98.7	99.8	94.9	97.9
2006	114	100.4	98.4	98.1	98.1	98.1	97.9	93.9	98.0
2007	98	100.7	98.1	98.1	98.0	98.2	98.2	94.0	97.9
2008	79	100.7	98.5	98.6	98.4	98.7	98.7	94.3	98.4
2009	61	101.0	99.2	99.5	99.2	99.5	100.2	95.6	99.2
2010	43	101.5	98.3	99.4	98.7	99.6	100.1	95.0	99.0
2011	43	101.0	98.4	98.8	98.5	99.2	99.3	94.0	98.5
2012	34	100.6	99.0	98.9	99.0	99.0	98.9	93.8	98.9
2013	37	101.6	99.7	100.4	100.4	100.5	99.6	94.6	100.2
2014	35	101.7	100.1	100.8	100.8	100.9	99.9	95.9	100.6
2015	39	101.4	99.4	100.3	100.0	100.5	99.9	96.5	100.0
2016	21	100.0	100.9	100.4	100.7	100.1	98.9	97.6	100.6
2017	19	100.9	101.3	101.1	101.8	101.1	98.8	97.2	101.3
2018	18	100.7	101.0	101.2	101.6	101.1	99.4	97.7	101.3
2019	15	100.5	100.2	100.6	100.7	100.8	98.7	97.7	100.7

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	53	100.1	63.0	96.7	100.2	105.1
1981	85	100.3	50.7	95.9	99.9	104.6
1982	92	101.1	48.9	95.7	99.7	104.0
1983	198	100.3	56.5	95.8	100.0	104.3
1984	188	100.2	69.4	95.5	99.4	104.2
1985	230	99.8	68.9	96.2	99.9	104.6
1986	231	99.7	71.8	96.2	99.7	104.2
1987	254	99.9	82.0	95.6	99.0	103.9
1988	232	100.0	89.2	95.1	98.6	103.5
1989	310	99.4	87.9	94.9	98.6	102.7
1990	294	99.3	93.0	95.7	99.4	103.2
1991	320	99.3	92.8	95.5	98.9	102.2
1992	442	99.1	93.5	94.6	97.8	101.7
1993	341	98.9	92.7	94.5	97.6	101.5
1994	230	99.1	93.4	94.6	97.8	101.0
1995	270	98.9	93.6	94.0	96.9	100.1
1996	211	99.2	94.3	94.2	96.8	99.7
1997	120	99.5	93.6	94.4	97.0	99.5
1998	115	99.4	95.7	94.7	97.2	99.4
1999	82	99.5	96.4	95.1	97.3	100.0
2000	77	99.9	96.3	94.9	97.4	99.4
2001	80	100.1	96.9	95.1	97.2	99.3
2002	64	100.6	96.9	93.9	95.9	97.2
2003	70	100.0	96.4	94.5	96.6	98.5
2004	54	100.3	96.7	95.2	96.9	98.7
2005	52	100.0	97.1	94.9	96.4	98.1
2006	52	100.0	98.5	95.6	97.2	99.0
2007	32	100.6	98.6	95.8	96.7	98.7

2008	21	100.6	98.0	96.2	97.2	99.0
2009	23	99.4	99.9	96.3	97.2	99.1
2010	23	100.2	99.0	96.2	97.6	99.2
2011	18	100.8	99.5	96.7	97.3	98.6
2012	13	101.3	97.4	97.9	98.7	99.6
2013	14	100.2	99.6	97.8	98.9	99.3
2014	16	101.0	99.4	99.2	98.9	100.8
2015	14	100.4	99.4	99.6	99.2	100.4

Tabel: 44 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	140	-296.6	-701.8	-346.3	103.4	105.3	83.2	88.8	99.7	91.0
1981	248	-305.4	-709.1	-358.0	102.9	105.4	83.8	89.8	98.8	31.0
1982	296	-301.3	-705.5	-335.0	102.4	105.1	85.1	89.8	98.5	0.0
1983	539	-310.8	-698.7	-364.1	102.7	104.7	85.0	90.0	99.1	83.0
1984	516	-304.4	-677.5	-357.4	102.4	104.5	85.5	90.4	98.7	71.3
1985	730	-283.3	-689.8	-384.9	102.9	104.5	85.7	90.5	98.9	116.8
1986	667	-276.5	-645.7	-365.3	102.6	103.6	86.4	90.6	98.5	113.2
1987	726	-279.3	-618.6	-403.0	102.0	103.3	86.6	90.7	98.2	101.5
1988	700	-275.8	-587.7	-409.0	101.5	102.4	87.5	91.1	98.2	97.7
1989	730	-268.6	-571.3	-406.6	101.0	102.1	87.7	92.0	98.4	102.5
1990	643	-242.2	-524.4	-388.0	101.7	102.0	89.0	92.3	98.8	100.8
1991	661	-224.7	-463.5	-379.3	100.9	101.3	90.1	92.3	99.1	95.5
1992	919	-225.7	-438.9	-389.0	100.0	100.7	90.4	92.1	99.1	87.7
1993	725	-218.2	-416.1	-366.2	99.8	100.7	90.5	91.7	99.4	82.8
1994	493	-206.9	-388.8	-338.3	99.6	100.4	90.5	92.2	99.7	84.1
1995	542	-199.3	-336.8	-324.6	98.6	99.4	91.3	91.6	99.7	74.2
1996	420	-189.7	-312.7	-308.7	98.3	99.1	91.4	92.1	99.9	73.2
1997	245	-195.3	-326.0	-336.1	98.3	99.4	91.6	92.6	99.2	76.4
1998	193	-191.6	-313.1	-334.3	98.2	99.1	92.3	93.4	98.2	69.9
1999	177	-190.1	-317.7	-322.4	98.7	99.0	92.1	93.4	98.4	73.4
2000	167	-185.0	-289.5	-316.5	98.4	98.5	92.1	93.4	98.2	71.3
2001	155	-169.9	-266.3	-302.4	98.3	98.8	92.6	94.7	98.4	67.9
2002	143	-185.8	-270.7	-357.2	96.2	98.8	92.3	94.2	99.2	72.0
2003	140	-165.5	-239.9	-344.4	97.4	98.7	93.5	95.2	98.6	70.3
2004	110	-156.9	-215.9	-315.4	97.7	98.1	92.8	94.3	98.8	65.2
2005	106	-165.3	-218.7	-326.6	97.0	97.9	93.2	94.9	98.5	66.6
2006	104	-149.8	-200.7	-303.7	97.9	98.0	94.5	95.2	98.5	51.5
2007	85	-134.7	-166.5	-255.5	97.6	97.9	94.0	95.6	98.6	46.8
2008	63	-128.3	-177.7	-248.4	98.0	98.4	94.5	96.2	98.3	31.7
2009	54	-121.5	-184.2	-232.2	98.1	99.2	94.2	96.0	98.8	44.8
2010	34	-108.9	-167.3	-148.2	98.4	99.0	96.0	96.7	98.4	36.2
2011	34	-91.0	-115.8	-134.8	97.8	98.5	95.5	95.8	99.0	36.4
2012	29	-99.2	-140.5	-169.6	99.1	98.9	97.6	95.4	99.8	47.9
2013	24	-81.4	-132.7	-101.3	99.0	100.2	96.4	97.1	99.5	34.9
2014	23	-53.6	-111.8	-52.9	99.9	100.6	97.9	96.1	100.3	28.9
2015	24	-64.2	-123.8	-97.8	100.0	100.0	97.5	97.1	100.8	41.6
2016	13	10.8	8.9	25.6	100.6	100.6	100.3	96.7	100.6	25.0
2017	11	-6.5	-23.7	-4.3	100.7	101.3	96.4	98.0	99.8	-0.1
2018	12	27.8	25.9	124.6	100.8	101.3	98.0	95.5	102.0	20.2

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1986	21	99.1	96.3	101.4	100.8	97.4	101.3	97.8
1987	16	96.8	95.4	99.6	98.8	96.1	100.8	98.2
1988	10	96.1	95.4	99.2	97.3	96.3	99.8	98.4
1989	29	98.8	96.5	101.2	100.6	96.7	101.2	98.1
1990	64	99.3	96.9	101.4	101.1	97.2	101.1	98.1
1991	120	99.3	96.5	101.6	101.2	97.1	100.6	98.9
1992	164	99.4	96.3	101.8	101.4	96.8	100.8	99.1
1993	132	99.2	96.3	101.5	101.1	96.7	100.5	99.4
1994	109	99.2	96.4	101.7	101.1	96.8	100.7	99.0
1995	143	99.1	96.3	101.6	101.0	96.5	100.5	99.2
1996	117	99.2	96.6	101.6	100.8	96.7	100.5	99.1
1997	63	98.3	96.6	100.8	100.0	95.9	100.0	98.4
1998	82	97.5	96.5	100.6	99.1	95.6	99.5	97.1
1999	50	96.9	95.9	100.6	98.9	94.9	98.4	97.1
2000	45	97.8	97.7	100.5	98.8	95.8	99.1	96.8
2001	49	98.4	97.6	101.2	99.6	95.6	100.8	96.7
2002	39	97.8	97.9	100.2	98.9	95.7	100.0	96.5
2003	52	97.7	96.9	100.8	99.6	94.8	99.4	96.0
2004	30	97.3	97.7	99.3	99.2	95.6	98.4	97.1
2005	37	97.4	97.0	100.2	99.1	95.8	98.9	96.9
2006	44	98.0	97.8	99.9	99.5	96.4	99.6	97.9
2007	25	97.6	97.3	99.8	99.2	96.2	98.9	97.7
2008	15	98.1	97.3	100.1	100.0	96.6	99.7	96.9
2009	20	97.5	97.8	99.2	98.2	97.3	98.5	99.0
2010	18	97.8	97.7	99.4	99.4	97.0	98.4	98.7
2011	15	99.0	99.7	98.8	99.6	98.9	98.9	100.2
2014	10	99.6	99.4	99.9	100.1	98.8	99.7	100.2

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1982	17	96.4	100.3	96.4	100.3	93.2	101.1
1983	23	97.7	101.3	97.7	101.3	94.3	101.7
1984	21	96.8	100.6	96.8	100.6	93.8	100.9
1985	28	96.3	100.1	96.3	100.1	93.4	100.2
1986	51	96.6	99.6	96.6	99.6	93.9	99.9
1987	49	96.4	99.8	96.4	99.8	93.5	100.4
1988	56	96.1	100.1	96.1	100.1	93.4	100.5
1989	63	97.1	100.1	97.1	100.1	94.7	100.4
1990	71	96.9	99.6	96.9	99.6	94.4	100.0
1991	98	98.3	100.0	98.3	100.0	96.5	100.9
1992	118	98.3	100.3	98.3	100.3	96.5	101.3
1993	81	98.2	100.3	98.2	100.3	96.1	101.1
1994	88	99.0	100.4	99.0	100.4	97.3	101.4
1995	83	99.1	99.3	99.1	99.3	97.0	100.0
1996	79	99.3	99.8	99.3	99.8	97.4	101.0

1997	72	99.6	99.2	99.6	99.2	97.1	100.5
1998	72	98.8	99.1	98.8	99.1	96.2	99.9
1999	48	99.0	99.4	99.0	99.4	96.9	99.4
2000	52	99.6	97.1	99.6	97.1	96.7	97.6
2001	46	99.8	98.7	99.8	98.7	98.0	99.7
2002	38	99.4	99.5	99.4	99.5	97.3	100.2
2003	32	99.5	99.8	99.5	99.8	97.5	100.3
2004	34	100.3	98.7	100.3	98.7	97.9	99.1
2005	33	100.9	98.5	100.9	98.5	98.2	99.4
2006	35	100.6	98.7	100.6	98.7	97.7	98.5
2007	20	101.2	99.0	101.2	99.0	98.9	99.5
2008	20	99.3	97.9	99.3	97.9	98.0	99.3
2009	14	100.1	98.4	100.1	98.4	98.3	100.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	136	95.5	102.1	105.4	62.5	62.0	60.3
1981	199	95.1	102.6	105.5	73.5	73.1	72.5
1982	218	95.1	103.0	105.5	74.5	74.6	74.2
1983	412	95.2	103.1	105.4	79.3	79.6	78.8
1984	422	95.0	103.6	105.5	88.2	88.7	88.6
1985	570	95.6	103.3	104.6	91.7	93.2	92.1
1986	501	95.9	102.6	104.1	95.5	96.2	95.2
1987	491	95.5	103.0	104.4	93.7	95.9	95.2
1988	498	95.7	103.1	103.7	94.7	99.2	99.4
1989	545	96.8	103.6	102.6	95.3	98.2	98.5
1990	466	96.9	102.5	102.4	95.9	98.6	98.9
1991	414	97.5	101.2	101.4	94.5	97.3	97.6
1992	557	97.1	101.0	101.8	95.5	98.5	99.3
1993	407	96.5	101.4	102.6	94.6	97.7	98.9
1994	212	97.3	101.2	101.9	96.1	97.1	98.0
1995	238	97.1	101.1	102.3	95.9	97.0	98.0
1996	169	97.3	100.5	102.0	95.7	96.3	97.5
1997	112	96.9	102.0	102.8	94.7	96.1	96.5
1998	98	95.7	102.6	104.4	93.9	94.7	94.8
1999	78	96.3	103.1	103.9	95.9	95.8	97.3
2000	76	95.6	102.5	104.8	96.0	96.0	96.7
2001	69	95.1	103.1	105.3	97.9	98.0	98.0
2002	60	96.0	102.7	104.5	95.6	96.8	95.9
2003	59	96.7	102.4	103.5	96.1	95.7	95.9
2004	47	95.0	103.1	105.5	96.7	94.9	94.7
2005	47	95.1	102.8	105.3	98.2	97.5	97.2
2006	57	94.9	102.5	105.3	98.2	97.1	98.5
2007	40	95.5	102.1	104.5	99.3	97.5	97.5
2008	41	94.8	102.6	105.6	99.2	97.8	98.0
2009	30	95.3	102.6	104.8	98.7	97.0	97.7
2010	25	94.9	102.8	105.4	99.5	98.4	97.9
2011	29	96.3	102.7	103.4	99.9	98.6	97.7
2012	19	97.2	100.8	102.9	99.8	97.9	97.2
2013	23	97.1	102.1	103.0	100.0	99.0	97.7
2014	20	97.0	102.5	103.0	101.5	98.2	97.8
2015	18	95.5	102.4	104.7	93.9	93.8	93.6

2016	13	97.3	105.2	102.4	101.5	97.5	98.1
2017	12	95.4	103.6	105.3	101.7	97.9	97.9

Tabel: 48 Holstein - Fries Hollands zwartbont: 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	Gr_st
1980	22	106.2	115.6	93.0	102.0	114.5	95.5	105.0	96.4	113.9	96.7	103.6
1981	29	107.3	116.7	91.7	103.1	114.8	94.8	105.7	97.3	114.0	95.9	104.2
1982	30	106.0	115.0	93.5	103.2	111.8	96.3	104.8	97.6	112.1	97.7	104.1
1983	59	105.8	115.0	93.4	102.4	112.2	96.4	104.3	97.5	112.7	97.4	103.5
1984	65	105.3	113.9	93.2	102.3	111.0	96.0	104.2	97.8	111.4	97.1	103.2
1985	95	105.6	114.2	93.8	102.2	111.9	96.1	104.3	97.7	112.0	97.3	103.0
1986	115	105.1	112.8	94.0	101.7	110.7	96.1	104.0	97.7	110.9	97.2	102.9
1987	132	105.0	112.7	94.2	101.7	110.3	96.4	103.8	98.0	110.6	97.4	102.7
1988	137	104.3	111.0	95.3	101.3	108.7	97.0	103.3	98.6	109.0	97.8	102.0
1989	166	103.8	110.9	95.1	100.6	108.9	96.5	102.6	98.1	109.5	97.2	101.7
1990	160	103.3	109.1	95.9	99.8	108.1	96.2	102.6	97.9	108.1	97.9	100.8
1991	198	103.0	107.6	97.7	100.2	106.7	97.4	102.6	97.8	106.8	98.6	101.8
1992	304	102.9	107.2	97.7	100.4	105.9	97.5	102.4	98.3	106.3	98.6	101.7
1993	241	103.2	107.1	98.0	100.8	105.8	97.7	102.9	98.5	106.3	98.6	102.4
1994	168	102.9	106.4	98.7	100.2	105.7	97.8	102.6	98.3	105.9	98.9	101.9
1995	219	103.0	105.7	99.3	100.5	105.1	98.2	102.6	98.9	105.4	98.8	102.5
1996	199	102.6	105.1	99.5	100.5	104.4	98.5	102.5	98.7	104.8	99.1	102.3
1997	132	102.1	105.0	98.8	99.8	104.2	98.1	101.9	98.9	104.8	98.7	101.3
1998	118	101.7	104.1	99.6	99.3	103.6	98.4	101.3	99.1	104.4	99.1	100.8
1999	111	102.0	105.2	98.8	100.0	104.1	98.5	101.5	99.1	104.9	99.2	101.2
2000	107	101.8	104.7	98.9	100.0	103.9	98.4	101.4	99.1	104.4	99.2	100.7
2001	119	101.7	103.9	99.1	99.8	103.2	98.9	101.3	99.5	103.9	99.6	100.8
2002	113	101.7	104.1	98.6	99.6	103.5	99.0	101.1	99.9	103.9	99.6	100.2
2003	118	101.1	103.4	99.1	99.1	102.6	99.7	100.6	99.4	103.7	99.6	100.3
2004	102	101.0	102.7	99.4	99.3	102.1	99.5	100.5	99.9	103.2	99.5	99.9
2005	91	100.6	103.9	98.8	99.9	102.4	99.6	100.2	99.2	103.4	99.6	99.5
2006	97	100.7	104.3	98.4	100.4	102.4	100.0	100.0	99.8	103.7	99.6	99.9
2007	80	100.8	103.6	98.6	100.4	102.1	99.8	100.6	99.3	103.2	99.6	100.1
2008	61	101.1	104.4	98.2	100.9	102.6	99.6	100.7	99.2	103.7	99.4	100.4
2009	47	100.3	103.8	97.8	100.4	101.6	100.0	100.1	99.4	102.9	99.8	99.6
2010	33	101.2	104.5	97.3	100.4	102.8	99.0	100.9	99.1	103.8	99.4	99.8
2011	36	100.3	104.4	97.4	99.2	102.8	98.6	100.6	98.1	103.4	99.2	98.3
2012	28	100.2	103.8	98.6	99.1	102.4	98.6	100.8	97.7	102.7	99.8	98.0
2013	27	100.9	105.1	97.6	100.5	103.1	99.1	101.1	97.8	103.6	99.9	99.4
2014	21	100.8	103.5	98.5	99.3	102.7	98.7	101.6	97.1	102.9	100.1	99.4
2015	22	101.0	103.0	98.0	99.1	102.7	98.5	101.5	98.4	102.2	99.6	98.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	11	98.4	99.4	98.5
1983	15	98.7	99.8	98.7

1984	18	98.2	99.7	98.2
1985	25	98.0	99.6	97.9
1986	38	97.4	99.1	98.4
1987	43	97.9	99.4	98.5
1988	45	98.2	99.7	98.6
1989	52	97.9	99.7	98.4
1990	55	98.0	99.4	98.5
1991	90	98.9	100.4	98.6
1992	106	98.9	100.5	99.0
1993	69	98.7	100.4	98.8
1994	75	98.7	100.5	98.6
1995	70	99.3	100.5	99.0
1996	76	99.7	100.9	99.2
1997	68	99.9	100.9	99.7
1998	71	99.5	100.4	99.4
1999	51	99.5	100.0	100.0
2000	51	99.8	100.3	99.9
2001	45	99.5	99.9	99.8
2002	37	99.6	100.6	99.7
2003	33	99.8	100.4	99.9
2004	33	99.9	100.5	99.3
2005	32	100.3	101.1	100.0
2006	33	98.8	99.5	99.7
2007	19	99.2	100.1	99.5
2008	22	98.7	100.0	98.9
2009	23	98.5	99.5	99.1

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	155	-2821.2	-11315.7	-475.1	-406.9
2002	143	-3115.9	-12696.3	-522.4	-449.9
2003	139	-2951.0	-11940.2	-495.8	-425.7
2004	109	-2718.7	-10718.7	-460.4	-391.4
2005	107	-2806.2	-11040.3	-477.8	-402.7
2006	104	-2626.1	-10517.0	-447.9	-375.6
2007	84	-2246.1	-8856.1	-387.7	-319.6
2008	63	-2244.5	-8638.0	-384.5	-321.4
2009	54	-2164.5	-8360.3	-377.4	-306.5
2010	36	-1644.8	-5934.7	-291.7	-231.6
2011	36	-1394.8	-4980.6	-241.3	-199.6
2012	30	-1693.0	-6556.3	-288.7	-242.8
2013	27	-1312.6	-5347.9	-213.6	-192.6
2014	27	-913.6	-3220.4	-163.9	-128.1
2015	26	-1210.0	-4495.1	-211.6	-171.4
2016	13	83.8	-35.7	32.6	4.0
2017	11	-194.6	-1326.0	-24.2	-30.5
2018	13	729.8	3429.7	137.3	96.0

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

Land: VL

Jaar	Aantal	Eff	Int	Gewen
1984	11	96.7	93.1	102.6
1985	13	97.4	93.2	102.1
1986	21	96.9	91.5	102.5
1987	25	96.8	92.2	102.3
1988	31	97.3	92.4	102.3
1989	28	96.5	91.9	102.5
1990	36	96.7	91.2	102.6
1991	60	96.7	91.3	100.2
1992	72	96.2	92.1	100.0
1993	42	96.4	92.4	100.1
1994	42	96.5	92.5	100.6
1995	53	96.5	92.8	100.0
1996	32	96.3	93.4	100.2
1997	31	96.9	92.0	100.0
1998	21	97.0	92.7	100.9
1999	19	96.1	92.5	100.6
2000	21	97.1	92.0	101.8
2001	19	97.7	92.1	102.1
2002	14	98.2	92.4	99.9
2003	17	98.1	92.2	100.3
2004	10	98.8	93.3	99.3
2005	11	98.1	91.8	100.8
2006	15	99.3	95.3	100.7
2007	15	99.3	93.6	100.5
2008	11	100.6	95.4	99.6
2009	11	98.7	95.4	99.3
2014	13	100.8	100.6	101.3

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	140	98.9	97.4	1	-4.8	91.0	0	0.0
1981	248	97.6	97.0	1	-3.3	31.0	0	0.0
1982	296	98.0	97.9	0	0.0	0.0	0	0.0
1983	539	97.9	97.3	1	-3.5	83.0	0	0.0
1984	516	98.1	97.4	3	-4.5	71.3	0	0.0
1985	730	98.0	97.1	731	-6.4	116.8	0	0.0
1986	667	98.3	97.5	667	-6.1	113.2	0	0.0
1987	726	97.9	97.2	727	-5.7	101.5	0	0.0
1988	700	97.7	97.0	700	-5.4	97.7	0	0.0
1989	730	97.6	97.8	730	-5.4	102.5	0	0.0
1990	643	98.1	98.0	643	-5.0	100.8	0	0.0
1991	661	98.3	98.7	662	-4.5	95.5	0	0.0
1992	919	97.9	98.6	919	-4.3	87.7	0	0.0
1993	725	97.8	98.8	726	-4.0	82.8	0	0.0
1994	493	98.3	99.2	493	-3.9	84.1	0	0.0
1995	542	98.4	99.7	542	-3.3	74.2	0	0.0
1996	420	98.6	99.8	421	-3.2	73.2	0	0.0
1997	245	98.4	98.9	245	-3.3	76.4	0	0.0

1998	193	98.7	98.4	193	-3.1	69.9	0	0.0
1999	177	98.5	98.1	176	-3.2	73.4	0	0.0
2000	167	99.3	97.8	167	-3.0	71.3	0	0.0
2001	155	99.3	98.1	155	-2.8	67.9	80	94.2
2002	143	99.0	97.7	143	-2.9	72.0	64	93.6
2003	140	98.7	97.6	140	-2.7	70.3	69	93.4
2004	110	99.5	97.4	111	-2.4	65.2	54	93.5
2005	106	98.9	97.6	107	-2.5	66.6	52	94.0
2006	104	99.7	97.9	105	-2.1	51.5	53	95.9
2007	85	99.6	98.2	85	-1.8	46.8	33	96.3
2008	63	98.9	98.0	63	-1.6	31.7	21	98.2
2009	54	99.5	98.3	54	-1.9	44.8	23	95.8
2010	34	100.0	98.1	36	-1.7	36.2	23	97.4
2011	34	101.2	97.6	36	-1.3	36.4	20	95.2
2012	29	102.1	99.3	30	-1.7	47.9	14	96.6
2013	24	101.2	98.3	27	-1.5	34.9	14	99.1
2014	23	100.9	98.3	27	-1.3	28.9	17	98.3
2015	24	100.5	98.6	27	-1.4	41.6	15	96.5
2016	13	102.5	99.2	13	-0.2	25.0	6	98.3
2017	11	103.6	100.5	11	-0.2	-0.1	5	101.8
2018	12	103.1	98.1	14	-0.1	20.2	2	101.5

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	12	99.7	1	97.0	1	96.0	12	98.8
1982	17	99.9	1	99.0	1	99.0	17	98.5
1983	30	100.0	0	0.0	0	0.0	30	98.6
1984	26	99.9	0	0.0	0	0.0	26	98.3
1985	38	99.9	2	98.5	2	99.5	38	98.7
1986	61	99.6	3	101.3	3	97.7	61	98.6
1987	64	100.0	2	102.0	2	97.5	64	99.0
1988	64	100.0	1	99.0	0	0.0	64	98.4
1989	85	99.4	3	98.7	3	101.0	85	97.9
1990	85	99.0	3	98.0	3	97.7	85	97.8
1991	109	99.8	27	101.5	26	99.7	109	96.6
1992	161	100.1	16	102.1	16	99.6	161	97.2
1993	121	100.3	9	101.1	9	99.0	121	97.0
1994	87	100.1	7	100.6	7	100.3	87	96.4
1995	114	100.4	10	98.7	10	99.0	114	96.1
1996	92	100.6	6	97.8	6	99.2	92	96.2
1997	66	99.7	4	97.0	4	98.5	66	96.2
1998	57	99.2	0	0.0	0	0.0	57	96.3
1999	49	99.1	5	100.4	5	100.2	49	96.5
2000	48	98.9	1	97.0	1	96.0	48	96.0
2001	53	99.5	1	102.0	0	0.0	53	96.8
2002	48	99.4	1	100.0	1	98.0	48	96.2
2003	51	99.2	1	101.0	1	98.0	51	94.8
2004	47	98.9	0	0.0	0	0.0	47	96.0
2005	42	99.4	1	97.0	1	100.0	42	95.9
2006	48	99.7	0	0.0	0	0.0	48	97.5
2007	41	99.5	0	0.0	0	0.0	41	96.6
2008	40	99.5	0	0.0	0	0.0	40	95.5

2009	40	100.1	0	0.0	0	0.0	40	97.4
2010	33	100.1	0	0.0	0	0.0	33	96.5
2011	34	99.9	0	0.0	0	0.0	34	98.7
2012	28	100.3	0	0.0	0	0.0	28	99.0
2013	23	99.8	0	0.0	0	0.0	23	99.3
2014	22	100.2	0	0.0	0	0.0	22	99.1
2015	23	100.3	0	0.0	0	0.0	23	99.6
2016	13	100.2	0	0.0	0	0.0	13	100.3
2017	10	100.7	0	0.0	0	0.0	10	103.4
2018	12	100.2	0	0.0	0	0.0	12	101.4

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14	-1329.4	-50.4	-58.0	-67.5	17.3	-17.3	-12.4	-363.9
1981	16	-1256.6	-46.4	-56.7	-64.1	19.1	-19.8	-12.1	-349.0
1982	14	-1174.6	-43.7	-53.6	-60.3	16.6	-19.3	-11.9	-329.6
1983	20	-1162.3	-40.4	-53.6	-59.9	21.8	-20.4	-12.1	-322.4
1984	17	-1174.9	-43.6	-54.6	-60.4	16.8	-21.4	-11.9	-333.8
1985	21	-1065.7	-40.8	-52.1	-55.3	12.8	-23.6	-11.7	-316.0
1986	15	-915.0	-29.1	-45.4	-48.4	21.9	-20.7	-11.5	-261.9
1987	20	-918.7	-32.1	-43.7	-48.5	16.3	-17.5	-11.4	-261.1
1988	21	-1042.6	-36.8	-50.0	-54.3	17.9	-21.2	-11.8	-298.3
1989	19	-1003.8	-38.6	-46.8	-52.4	11.3	-17.5	-11.5	-288.7
1990	18	-803.8	-28.9	-42.4	-43.3	12.3	-22.7	-11.3	-247.8
1991	21	-922.2	-36.5	-45.6	-48.7	8.3	-20.4	-11.4	-278.2
1992	14	-777.6	-27.4	-41.1	-42.2	13.0	-21.7	-11.3	-238.7
1993	20	-614.9	-23.6	-32.5	-34.8	7.5	-16.2	-11.2	-193.3
1994	13	-538.1	-12.7	-32.0	-31.2	20.2	-19.8	-11.0	-167.3
1995	22	-531.7	-16.8	-33.6	-31.0	12.3	-23.4	-11.1	-182.3
1996	15	-809.7	-37.9	-40.9	-43.6	-3.1	-18.9	-11.4	-260.1
1997	10	-700.9	-30.5	-36.6	-38.6	1.3	-18.0	-11.2	-225.7
2000	10	-779.9	-25.0	-37.8	-42.3	17.4	-15.5	-11.3	-220.1
2001	16	-542.8	-21.2	-30.4	-29.0	6.1	-16.8	-6.8	-177.8
2002	10	-234.6	-8.3	-23.7	-10.4	3.2	-24.5	0.5	-117.7
2003	14	-582.6	-21.1	-31.8	-31.4	8.7	-17.4	-7.9	-184.2

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	16	91.4	89.3	91.7	96.3	99.9	86.6	99.8
1981	18	90.7	90.6	91.8	95.8	101.1	87.1	100.0
1982	15	91.0	89.9	91.6	95.9	100.9	87.5	98.7
1983	18	91.2	89.2	91.7	96.5	99.9	86.6	98.4
1984	17	91.4	89.7	92.2	96.3	99.8	86.6	99.8
1985	20	92.3	90.0	92.8	97.3	99.5	85.8	100.7
1986	15	92.7	88.6	91.5	96.6	99.3	86.1	97.9

1987	15	91.2	90.3	92.3	96.4	100.0	85.2	98.5
1988	17	92.5	90.5	92.8	96.8	100.1	86.0	101.1
1989	13	92.8	89.5	93.0	97.5	99.1	85.2	99.2
1990	14	93.2	89.4	92.9	97.6	99.1	86.5	99.9
1991	17	92.5	89.9	93.5	97.5	99.1	85.9	99.9
1992	10	92.8	90.3	92.9	97.0	100.0	85.3	99.8
1993	15	92.0	89.3	93.5	98.1	98.3	84.9	99.3
1995	12	92.7	89.4	93.2	97.7	98.8	85.7	100.4
1996	10	93.9	89.5	93.4	98.2	98.7	87.0	100.3
2001	11	94.8	89.7	94.3	99.1	98.0	86.7	100.3

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	16	93.3	98.6	98.6	89.1	91.1
1981	18	92.9	97.6	98.5	88.5	90.4
1982	15	93.9	98.4	98.1	88.9	91.4
1983	18	92.7	99.7	97.6	89.2	90.3
1984	17	93.9	99.5	97.1	89.1	91.4
1985	20	94.0	98.9	97.9	89.2	91.5
1986	15	93.3	97.4	99.1	89.7	90.9
1987	15	92.7	98.8	98.5	88.9	90.1
1988	17	94.4	98.0	98.4	89.5	92.0
1989	13	94.7	98.8	97.3	89.5	92.5
1990	14	95.5	98.6	98.8	90.9	93.4
1991	17	94.5	98.9	98.2	89.9	92.4
1992	10	94.9	98.0	98.5	90.2	92.6
1993	15	94.9	99.1	98.2	90.1	93.0
1995	12	94.9	99.9	97.5	90.0	93.1
1996	10	95.0	99.6	97.2	90.1	93.5
2001	11	95.9	99.1	96.7	90.5	94.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	16	98.2	97.2	100.0	100.9	95.8	97.8	96.7
1981	18	97.3	95.9	99.6	99.9	95.9	97.4	95.8
1982	15	98.4	96.8	99.2	100.7	96.1	97.7	96.1
1983	18	98.2	95.7	99.3	100.0	96.5	97.3	95.8
1984	17	98.7	96.1	98.9	100.5	97.2	98.2	96.7
1985	20	98.3	97.3	99.0	100.8	96.7	97.7	96.7
1986	15	99.7	97.2	98.7	102.5	97.7	98.1	96.7
1987	15	99.0	98.4	98.6	101.1	98.3	99.0	98.1
1988	17	99.2	98.1	100.0	101.9	96.7	98.5	97.6
1989	13	99.7	98.7	99.7	101.8	97.5	98.6	98.2
1990	14	99.9	99.6	97.9	101.9	98.2	100.0	98.6
1991	17	99.6	98.2	99.4	101.4	97.8	99.2	97.8
1992	10	99.8	100.1	97.9	102.6	97.4	101.1	100.3

1993	15	98.7	99.4	97.8	100.3	98.1	100.6	99.7
1995	12	98.9	99.2	99.0	100.2	98.0	99.5	98.6
1996	10	99.1	98.3	99.4	100.5	98.7	99.4	97.4
2001	11	100.5	101.5	96.8	103.1	99.0	100.5	99.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	16	86.4	93.9	98.1	90.8	98.8	89.2
1981	18	87.2	95.1	97.6	89.8	99.9	88.8
1982	15	86.3	94.1	98.3	90.9	99.2	89.3
1983	18	85.8	93.8	97.9	90.0	97.9	88.4
1984	17	86.7	94.1	98.8	91.2	98.8	89.8
1985	20	87.2	95.3	98.4	91.2	98.3	89.8
1986	15	85.0	93.0	100.1	90.5	97.1	89.5
1987	15	85.7	94.3	99.5	89.9	98.2	89.3
1988	17	87.5	95.7	99.1	91.6	99.2	90.6
1989	13	85.9	94.5	99.6	92.2	97.5	90.6
1990	14	86.9	94.8	100.3	93.1	97.8	91.7
1991	17	86.9	95.1	99.8	92.1	97.7	91.1
1992	10	86.6	95.3	100.1	92.3	98.6	91.2
1993	15	85.9	94.6	99.1	92.7	97.0	90.5
1995	12	86.4	94.7	99.0	92.9	97.2	90.8
1996	10	87.6	95.3	99.8	92.9	97.5	91.6
2001	11	87.8	95.6	101.3	93.5	96.8	92.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	19	103.2	100.4	100.6	100.8	101.5	98.8	89.7	100.5
1981	23	103.1	100.2	100.6	100.7	101.2	98.3	91.1	100.6
1982	20	102.8	100.2	100.4	100.5	101.2	98.3	91.8	100.5
1983	24	102.4	100.0	100.0	100.3	100.7	98.6	91.1	100.0
1984	20	102.8	98.7	99.5	99.0	100.5	98.4	90.8	99.1
1985	21	101.7	100.5	100.0	100.2	100.1	98.0	92.5	100.2
1986	17	102.4	100.3	101.0	100.6	101.2	98.5	93.6	101.0
1987	22	101.5	99.7	99.3	99.4	99.6	96.7	91.4	99.4
1988	22	102.3	99.5	100.0	99.7	100.3	97.7	91.4	99.8
1989	19	101.8	99.6	99.6	99.7	100.3	98.5	91.5	99.6
1990	19	101.9	99.1	99.5	99.2	100.1	97.9	91.6	99.3
1991	22	101.4	98.8	98.8	98.7	99.5	97.6	91.6	98.6
1992	16	101.4	100.2	100.1	100.0	100.1	97.9	92.9	100.2
1993	20	101.3	98.5	98.7	98.5	99.4	97.7	91.8	98.3
1994	13	101.6	99.9	99.8	99.8	100.2	97.5	92.2	99.8
1995	22	101.0	98.9	98.5	98.5	99.1	97.5	91.9	98.4
1996	19	102.4	99.5	100.3	99.8	101.1	99.3	92.4	99.9
1997	10	100.0	98.9	98.1	98.3	98.6	96.2	90.6	98.1
2000	10	100.5	100.0	98.9	99.2	99.4	97.6	91.0	99.2

2001	20	101.9	98.8	99.7	99.3	100.4	98.3	92.2	99.3
2002	13	101.2	99.2	99.8	99.4	99.9	97.8	94.5	99.6
2003	17	101.2	99.7	99.4	99.6	100.2	97.7	92.1	99.5
2004	14	102.1	99.1	100.2	99.6	100.7	98.6	93.1	99.8
2005	12	101.0	99.6	99.1	99.6	99.9	97.8	93.1	99.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	14	-177.4	-363.9	-86.6	105.6	100.5	98.1	90.8	98.9	0.0
1981	16	-176.4	-349.0	-193.5	105.4	100.6	97.6	89.8	99.1	0.0
1982	14	-171.4	-329.6	-228.1	104.6	100.5	98.3	90.9	98.5	0.0
1983	20	-189.9	-322.4	-240.3	104.3	100.0	97.9	90.0	98.2	0.0
1984	17	-195.2	-333.8	-333.8	103.8	99.1	98.8	91.2	98.3	0.0
1985	21	-194.4	-316.0	-427.2	103.5	100.2	98.4	91.2	98.4	120.4
1986	15	-137.1	-261.9	-211.9	105.8	101.0	100.1	90.5	97.8	116.9
1987	20	-176.9	-261.1	-421.9	104.1	99.4	99.5	89.9	98.4	113.5
1988	21	-183.7	-298.3	-397.9	104.3	99.8	99.1	91.6	99.1	114.5
1989	19	-185.9	-288.7	-409.8	101.6	99.6	99.6	92.2	99.1	103.9
1990	18	-156.9	-247.8	-309.2	102.9	99.3	100.3	93.1	100.8	96.8
1991	21	-168.1	-278.2	-361.0	103.5	98.6	99.8	92.1	99.2	117.8
1992	14	-163.8	-238.7	-365.9	102.5	100.2	100.1	92.3	98.9	104.1
1993	20	-153.8	-193.3	-328.0	102.3	98.3	99.1	92.7	99.2	109.8
1994	13	-119.6	-167.3	-316.0	103.8	99.8	99.8	92.9	99.1	96.0
1995	22	-126.1	-182.3	-270.3	102.7	98.4	99.0	92.9	99.6	79.4
1996	15	-155.7	-260.1	-276.4	101.8	99.9	99.8	92.9	99.4	118.7
1997	10	-138.9	-225.7	-189.7	102.5	98.1	98.9	93.4	100.0	92.8
2000	10	-128.7	-220.1	-318.5	102.4	99.2	100.6	94.2	99.8	95.9
2001	16	-109.2	-177.8	-201.6	101.8	99.3	101.3	93.5	99.9	88.0
2002	10	-93.2	-117.7	-196.4	102.1	99.6	101.6	92.7	99.6	85.5
2003	14	-94.1	-184.2	-230.6	102.6	99.5	101.7	94.2	99.4	79.1

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	11	102.2	97.5	102.2	97.5	92.8	97.3
1981	14	102.1	97.7	102.1	97.7	93.1	97.4
1982	11	102.1	96.7	102.1	96.7	93.4	97.3
1983	14	102.0	96.8	102.0	96.8	93.1	96.8
1984	12	102.2	96.8	102.2	96.8	93.5	97.1
1985	14	102.7	96.9	102.7	96.9	93.7	96.6
1986	13	102.7	95.9	102.7	95.9	93.4	96.4
1987	16	102.4	96.2	102.4	96.2	93.8	97.4
1988	15	103.3	96.9	103.3	96.9	94.5	97.5
1989	15	103.1	97.1	103.1	97.1	94.9	97.1
1990	13	103.9	98.1	103.9	98.1	94.8	98.1
1991	15	103.1	97.4	103.1	97.4	94.2	97.1
1992	12	103.0	97.0	103.0	97.0	94.3	97.2

1993	17	103.1	97.0	103.1	97.0	94.8	97.8
1994	13	103.5	96.7	103.5	96.7	95.0	97.4
1995	14	103.2	97.4	103.2	97.4	94.4	97.0
1996	15	103.7	96.9	103.7	96.9	94.9	96.9
2001	15	103.3	97.5	103.3	97.5	94.8	97.0
2003	10	103.7	96.9	103.7	96.9	95.4	97.2

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	14	99.6	99.4	102.9	70.9	71.7	68.1
1981	18	99.4	99.1	103.0	61.6	60.6	58.1
1982	16	98.5	99.8	103.8	68.8	67.6	65.4
1983	16	99.9	99.1	102.6	68.2	68.4	66.2
1984	13	99.5	99.1	102.8	61.5	60.4	58.8
1985	16	98.9	98.9	103.4	74.6	74.4	72.1
1986	14	98.6	99.0	104.0	70.5	71.2	68.9
1987	13	99.0	98.5	103.2	69.9	68.8	66.1
1988	15	99.8	99.3	102.6	66.7	67.1	63.5
1989	13	99.2	100.0	103.3	61.2	61.3	59.8
1990	10	102.1	99.0	100.5	91.0	89.9	86.3
1992	10	99.6	99.2	103.0	69.4	70.3	67.9
1993	14	99.4	99.5	103.1	50.3	50.1	48.6
1995	14	99.0	98.3	103.6	57.1	56.6	54.6
2001	12	100.8	98.3	101.8	67.8	66.0	64.6
2003	11	100.4	98.5	102.3	27.3	26.5	26.1

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	15	100.1	98.9	96.5	95.1	106.1	95.1	100.8	94.4	104.6	94.2	96.3
1981	20	100.5	100.4	96.5	95.7	106.8	95.4	101.2	94.5	105.7	94.0	97.3
1982	17	101.0	99.5	96.7	95.9	106.1	94.9	102.1	94.8	104.7	94.5	97.2
1983	21	99.0	98.7	97.0	95.1	104.9	95.9	100.0	94.4	104.0	94.5	95.6
1984	17	99.6	99.4	96.4	94.9	105.6	95.8	99.9	95.2	104.6	94.5	95.5
1985	21	99.6	98.5	96.5	95.0	104.9	95.6	100.4	95.0	103.7	94.4	96.0
1986	17	99.6	97.5	98.4	94.2	104.7	96.1	100.2	96.0	103.6	95.2	95.3
1987	22	99.4	98.1	97.4	94.6	104.8	95.7	99.9	95.5	104.1	94.1	96.2
1988	21	98.1	97.4	96.7	94.9	102.8	96.4	98.9	95.4	102.7	94.2	95.2
1989	19	98.3	97.4	96.0	94.9	103.6	96.6	99.0	95.3	102.8	95.3	94.5
1990	18	97.9	98.2	97.6	95.0	103.1	97.8	98.3	95.2	103.4	95.6	94.9
1991	22	99.1	97.6	97.1	94.8	104.4	96.3	99.8	94.9	103.3	95.2	95.4
1992	14	97.7	97.2	97.3	94.9	102.3	97.7	98.5	95.6	102.5	95.3	95.1
1993	20	97.8	97.0	98.0	93.7	103.2	97.8	97.9	96.2	103.1	95.8	94.2
1994	13	98.5	99.3	97.0	95.5	104.5	97.7	98.5	95.5	104.5	95.7	95.5
1995	21	98.3	97.8	98.2	94.4	104.2	97.5	99.3	94.6	103.6	96.5	95.0
1996	18	97.2	95.6	97.3	93.8	101.7	97.8	98.1	95.2	101.6	95.2	94.7
1997	10	98.3	97.7	98.3	94.7	103.5	98.0	98.9	94.8	103.0	96.5	95.1

2000	10	98.5	96.9	97.2	95.3	103.3	97.9	99.1	95.4	102.7	96.5	95.2
2001	17	97.0	96.6	97.2	94.8	101.7	97.9	98.3	94.2	101.8	95.5	94.9
2002	13	97.2	95.5	99.7	93.1	102.1	98.3	97.7	95.8	102.0	96.1	94.2
2003	16	96.7	96.4	97.1	94.3	101.9	97.9	97.4	94.8	101.8	95.4	94.2
2004	14	96.4	95.7	96.6	94.3	100.4	97.9	97.1	96.1	101.3	95.1	94.3
2005	11	98.1	98.6	97.5	94.8	103.5	97.2	98.4	95.6	103.7	95.4	95.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	10	98.2	97.5	100.2
1981	13	98.0	97.3	100.2
1982	14	98.1	97.3	100.4
1983	16	98.7	97.9	100.7
1984	12	98.1	97.1	100.2
1985	14	98.7	98.1	100.8
1986	14	99.8	99.0	100.1
1987	16	98.8	98.1	100.9
1988	14	99.2	98.4	100.9
1989	15	99.4	98.5	100.9
1990	14	99.0	98.2	100.4
1991	15	99.0	98.1	100.8
1992	13	98.5	97.8	100.6
1993	20	99.2	98.6	100.4
1994	13	99.1	98.5	100.6
1995	18	99.8	99.1	100.6
1996	18	100.2	99.3	100.4
1997	10	99.5	98.4	101.1
2000	10	99.3	98.4	100.3
2001	18	99.9	98.9	100.4
2002	11	100.2	99.3	100.5
2003	15	100.3	99.4	100.7
2004	12	100.5	99.2	100.2
2005	10	99.2	98.5	100.7

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17	-2088.9	-8240.2	-324.6	-315.8
2002	12	-1893.9	-7202.0	-281.2	-293.5
2003	14	-2239.9	-8742.7	-352.6	-336.5

Tabel: 66 Fries Hollands - zwartbont: Overige productie en efficiency kenm.  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	14	99.5	101.9	0	0.0	0.0	0	0.0
1981	16	100.0	100.9	0	0.0	0.0	0	0.0
1982	14	100.4	101.1	0	0.0	0.0	0	0.0
1983	20	100.0	101.8	0	0.0	0.0	0	0.0
1984	17	100.7	100.6	0	0.0	0.0	0	0.0
1985	21	100.2	101.4	21	-3.9	120.4	0	0.0
1986	15	100.5	101.2	17	-3.5	116.9	0	0.0
1987	20	102.2	101.3	21	-3.5	113.5	0	0.0
1988	21	100.4	101.4	22	-3.7	114.5	0	0.0
1989	19	99.4	100.6	19	-3.5	103.9	0	0.0
1990	18	100.3	100.3	19	-3.1	96.8	0	0.0
1991	21	100.0	100.9	22	-3.6	117.8	0	0.0
1992	14	99.9	99.9	15	-3.1	104.1	0	0.0
1993	20	101.0	100.8	20	-3.0	109.8	0	0.0
1994	13	100.8	100.8	13	-2.5	96.0	0	0.0
1995	22	102.6	101.1	22	-2.3	79.4	0	0.0
1996	15	99.2	99.9	18	-3.5	118.7	0	0.0
1997	10	101.9	100.3	10	-2.9	92.8	0	0.0
2000	10	100.7	101.1	10	-2.9	95.9	0	0.0
2001	16	101.1	100.2	18	-2.6	88.0	10	89.0
2002	10	101.7	99.7	13	-2.2	85.5	8	90.1
2003	14	100.4	100.8	15	-2.5	79.1	5	92.8
2004	0	99.9	101.0	12	-2.5	79.9	6	92.3
2005	0	101.2	100.6	11	-2.7	77.2	4	92.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	10	100.0	0	0.0	0	0.0	10	96.7
2001	10	100.0	0	0.0	0	0.0	10	98.3

Tabel: 68 Maas Rijn IJssel: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1981	16	-1647.0	-70.8	-66.6	-82.0	5.4	-12.1	-13.0	-446.2
1982	16	-1324.8	-56.0	-54.0	-67.2	6.2	-9.5	-12.1	-359.1
1984	25	-1459.0	-61.3	-59.8	-73.3	7.3	-11.6	-12.3	-395.8
1985	17	-1351.5	-57.6	-56.6	-68.4	6.1	-13.1	-12.2	-373.7
1986	20	-1217.5	-50.0	-50.1	-62.3	8.4	-10.1	-12.1	-329.4
1987	22	-1112.4	-47.7	-50.0	-57.5	3.2	-16.9	-11.8	-322.5
1989	14	-1278.8	-54.1	-51.4	-65.1	5.9	-8.2	-12.4	-344.1
1990	13	-1002.0	-34.5	-40.5	-52.5	19.5	-5.6	-11.7	-254.1
1991	17	-869.8	-33.4	-38.8	-46.4	9.8	-12.0	-11.4	-243.1
1992	20	-1098.9	-42.1	-44.3	-56.8	13.9	-6.7	-11.7	-287.2
1993	20	-894.1	-39.4	-38.4	-47.5	1.9	-9.4	-11.6	-254.3
1994	17	-758.6	-30.4	-35.8	-41.4	6.1	-13.1	-11.4	-222.9

1995	11	-826.9	-37.4	-36.5	-44.5	-1.3	-10.5	-11.5	-241.6
1996	15	-571.2	-24.9	-29.2	-32.7	2.6	-13.2	-10.7	-181.7
1997	17	-626.9	-27.1	-31.5	-35.3	1.9	-14.0	-11.1	-196.9
1998	16	-460.9	-24.6	-20.6	-27.7	-5.8	-6.4	-10.9	-144.6
1999	31	-516.0	-20.1	-22.2	-30.2	5.2	-5.4	-11.0	-142.5
2000	20	-371.6	-16.0	-18.7	-23.7	1.3	-8.3	-10.9	-117.4
2001	21	-230.6	-17.8	-15.1	-11.0	-11.8	-10.5	-0.7	-102.8
2002	19	-249.3	-13.4	-13.2	-11.6	-2.4	-5.7	-0.1	-85.7
2003	17	-308.8	-20.0	-16.2	-15.5	-9.2	-7.2	-2.0	-113.0
2004	19	-440.4	-23.7	-20.1	-18.9	-6.4	-5.8	2.7	-137.7
2005	27	-438.7	-19.4	-17.0	-19.0	1.4	-1.0	2.6	-116.0
2006	20	-322.9	-19.5	-14.2	-13.0	-7.6	-3.4	3.2	-103.3
2007	20	-143.3	-8.8	-7.0	-4.5	-3.6	-2.5	3.2	-48.5
2008	12	-129.5	-5.0	-6.1	-6.5	2.2	-1.8	-0.7	-37.4
2009	16	38.9	-0.5	0.3	2.7	-2.8	-1.2	1.4	1.1
2010	10	145.9	15.0	7.3	2.9	13.4	3.3	-6.0	62.2

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	89.9	97.4	92.1	89.5	106.5	99.1	97.8
1981	19	91.7	98.3	94.3	92.1	105.4	99.3	98.9
1982	17	91.7	99.0	95.3	92.4	105.5	99.5	99.5
1984	27	92.6	97.5	94.9	92.7	103.8	99.8	98.3
1985	15	93.5	97.5	95.6	93.6	103.4	99.2	98.9
1986	17	93.2	98.2	95.1	93.2	103.0	99.0	97.8
1987	20	94.4	97.9	95.5	93.5	103.7	99.2	98.8
1989	11	93.0	100.4	97.7	94.2	105.2	98.7	99.5
1990	12	93.8	97.2	96.2	93.3	103.2	100.3	99.8
1991	13	93.9	96.6	96.1	93.5	102.5	100.0	98.6
1992	12	96.1	99.0	98.8	95.8	103.1	99.3	100.2
1993	18	95.8	98.4	96.8	95.1	102.8	98.0	98.2
1994	12	94.7	98.5	97.2	95.5	102.2	96.9	99.7
1996	13	95.1	98.7	96.9	94.6	103.2	100.6	100.2
1997	16	97.1	96.9	98.2	96.4	100.5	98.4	99.2
1998	15	96.2	100.0	99.4	97.7	101.1	99.0	99.5
1999	26	96.7	98.8	98.1	97.1	100.8	98.9	97.3
2000	15	98.3	99.1	98.7	97.0	101.4	100.1	100.9
2001	17	97.9	99.7	99.6	98.4	100.6	99.2	99.6
2002	13	98.5	98.2	99.3	98.2	100.4	99.6	99.1
2003	12	98.7	98.3	98.9	98.3	99.9	97.7	98.4
2004	11	100.1	100.5	100.8	99.5	101.0	100.0	100.0
2005	12	99.7	100.8	100.2	99.0	101.2	99.0	100.6
2006	10	100.0	99.5	99.6	98.3	100.1	100.1	99.5
2007	17	100.1	100.4	99.9	98.7	100.6	99.8	101.0
2009	14	100.8	99.6	100.6	100.1	100.2	98.5	99.9
2010	10	99.8	99.1	100.4	100.3	99.0	97.1	99.2

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

Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	10	92.4	101.2	97.1	94.0	91.2
1981	19	93.4	99.1	99.0	93.7	92.6
1982	17	94.1	102.2	96.4	95.6	93.9
1984	27	94.5	98.2	98.3	95.6	94.1
1985	15	93.9	100.5	96.9	95.3	93.1
1986	17	96.2	97.5	98.4	95.9	95.5
1987	20	94.2	101.0	95.7	95.0	93.8
1989	11	93.6	101.5	95.7	94.8	93.7
1990	12	93.2	101.3	94.8	94.2	93.4
1991	13	94.4	100.8	96.0	94.8	94.3
1992	12	96.6	100.1	98.2	95.8	96.0
1993	18	97.0	98.4	98.8	95.0	96.8
1994	12	95.9	101.0	97.2	95.3	95.5
1996	13	97.8	98.8	99.2	96.3	97.2
1997	16	96.0	102.2	96.2	96.3	95.9
1998	15	96.3	100.7	97.3	95.9	96.1
1999	26	97.8	101.1	98.3	96.8	97.6
2000	15	97.5	99.9	99.6	97.6	97.6
2001	17	98.3	100.7	98.3	97.4	97.5
2002	13	97.6	101.8	98.3	97.9	98.0
2003	12	97.7	100.3	99.2	96.9	98.2
2004	11	99.1	100.0	99.8	88.0	98.7
2005	12	99.8	99.5	101.3	91.1	99.7
2006	10	99.7	101.1	98.8	87.9	99.0
2007	17	99.2	98.4	100.3	69.9	99.6
2009	14	100.4	99.4	100.7	56.7	101.1
2010	10	101.0	100.9	99.8	29.3	101.5

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	10	96.2	91.6	100.1	97.1	93.6	96.0	92.5
1981	19	96.2	92.9	101.7	96.7	93.6	95.5	92.7
1982	17	94.9	92.1	102.9	95.5	92.5	94.9	92.2
1984	27	95.6	91.1	103.4	95.6	94.4	94.9	91.6
1985	15	96.2	92.0	104.1	96.5	94.2	94.4	91.6
1986	17	96.5	92.6	104.8	96.1	95.3	95.6	92.9
1987	20	96.7	93.8	101.8	97.0	94.2	96.8	93.8
1989	11	94.9	93.6	101.6	95.2	92.6	96.2	93.0
1990	12	96.6	94.2	105.2	96.8	94.2	96.3	93.6
1991	13	96.8	96.8	104.2	96.6	95.8	96.4	94.8
1992	12	97.8	95.5	102.5	97.2	94.8	96.1	93.5
1993	18	98.3	95.2	102.4	98.2	95.7	96.9	94.6
1994	12	96.0	94.7	103.0	96.6	96.3	95.7	93.1
1996	13	96.8	95.9	101.8	97.3	95.2	97.5	95.5
1997	16	96.1	96.4	103.2	96.8	94.5	97.0	95.4
1998	15	97.2	95.0	102.3	96.7	96.4	96.0	93.7
1999	26	97.0	96.6	103.5	96.8	96.6	98.3	96.0
2000	15	97.6	96.7	102.9	98.1	97.1	97.8	96.3

2001	17	97.2	96.6	102.8	97.4	96.0	97.4	95.5
2002	13	97.5	96.9	101.2	98.8	96.4	99.2	96.7
2003	12	99.2	98.8	101.4	100.1	98.1	100.0	98.2
2004	11	97.7	96.5	102.6	98.8	97.9	98.9	97.4
2005	12	99.5	99.7	101.5	100.4	100.0	100.3	98.8
2006	10	97.0	96.4	101.9	99.0	97.9	99.6	97.9
2007	17	98.8	99.5	101.3	99.8	99.5	99.8	98.8
2009	14	98.5	99.1	102.8	99.4	101.7	101.1	99.4
2010	10	101.3	101.5	98.3	101.7	102.6	102.7	101.7

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	10	94.8	96.0	95.1	90.7	106.0	90.3
1981	19	96.5	97.8	94.8	92.1	104.8	91.6
1982	17	97.6	98.6	93.2	93.1	105.2	91.9
1984	27	96.4	97.2	94.1	92.7	103.1	91.6
1985	15	96.9	97.9	94.7	91.9	103.1	91.6
1986	17	95.9	96.8	95.0	93.6	102.3	92.2
1987	20	96.8	97.8	95.7	92.5	103.5	92.5
1989	11	98.4	100.0	93.8	92.5	105.0	92.3
1990	12	97.8	97.9	95.0	92.0	103.8	92.2
1991	13	96.7	97.0	95.8	93.2	102.1	92.8
1992	12	99.0	99.8	96.3	95.2	103.4	95.1
1993	18	96.3	98.7	97.2	95.7	101.9	95.1
1994	12	96.8	98.5	95.8	94.6	101.3	93.8
1996	13	98.7	99.0	96.0	96.3	102.8	95.5
1997	16	97.1	97.8	95.4	95.0	100.2	93.8
1998	15	99.0	99.9	96.3	95.3	101.5	95.3
1999	26	97.0	98.4	96.5	97.0	100.9	95.4
2000	15	99.2	99.1	97.3	97.1	101.1	96.7
2001	17	99.0	99.8	96.5	97.3	100.9	96.4
2002	13	98.2	99.2	97.5	97.3	100.2	96.6
2003	12	96.9	98.8	99.3	97.6	99.8	97.3
2004	11	100.3	100.6	98.0	98.3	101.8	98.3
2005	12	99.8	100.9	100.2	99.6	101.4	100.1
2006	10	99.4	99.3	97.7	98.8	100.4	97.8
2007	17	100.2	100.4	99.4	98.9	101.1	99.2
2009	14	99.1	100.7	100.1	100.6	100.1	100.3
2010	10	98.0	99.6	102.4	101.2	98.3	101.1

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	12	103.1	101.5	101.7	101.9	101.6	99.8	87.7	101.8
1981	20	103.4	100.7	101.0	101.0	100.9	99.8	89.2	100.9
1982	18	102.3	100.2	100.2	100.3	100.0	100.1	87.9	100.2
1984	28	102.1	101.4	100.8	101.2	100.4	100.3	88.8	101.1

1985	17	101.5	102.3	101.2	102.2	100.2	99.4	89.5	101.8
1986	21	101.2	100.9	100.0	100.5	99.5	99.0	89.8	100.3
1987	22	102.2	101.5	101.1	101.3	100.7	100.8	90.9	101.5
1989	14	100.8	101.1	99.9	100.6	99.2	99.6	89.5	100.3
1990	13	102.5	99.5	99.9	99.7	100.4	101.2	88.6	99.8
1991	16	101.0	100.3	99.7	99.3	99.4	99.6	91.8	99.9
1992	20	101.0	101.0	100.2	100.3	99.7	99.5	91.0	100.5
1993	20	101.0	101.0	100.7	100.7	100.2	100.2	92.2	100.7
1994	17	100.5	98.9	98.5	98.2	98.6	99.4	91.3	98.5
1995	11	101.6	100.3	100.6	100.2	100.5	100.4	91.2	100.5
1996	15	100.9	100.9	100.4	100.4	99.9	99.3	93.3	100.6
1997	19	98.4	100.9	98.4	99.3	97.4	97.7	93.2	98.9
1998	19	100.5	100.2	100.1	99.7	99.4	99.6	93.5	100.1
1999	32	99.9	99.9	99.6	99.4	99.3	99.8	94.9	99.7
2000	23	98.6	100.6	99.1	99.5	98.2	98.9	95.5	99.5
2001	22	99.2	99.2	98.4	98.4	98.2	99.2	94.9	98.5
2002	19	98.5	100.3	98.7	99.0	98.2	99.1	95.1	99.1
2003	19	99.1	100.1	99.1	99.2	98.5	99.2	96.5	99.5
2004	22	98.4	101.1	98.9	99.8	98.2	97.8	96.0	99.5
2005	30	99.0	100.8	99.5	99.9	98.9	99.4	96.2	99.8
2006	21	98.0	100.8	98.9	99.3	98.2	99.3	96.8	99.4
2007	25	98.6	99.8	99.1	98.9	98.0	97.8	97.7	99.3
2008	12	99.5	101.2	100.8	100.8	100.1	100.2	99.6	101.0
2009	18	100.0	99.5	99.6	99.2	99.2	99.2	97.6	99.5
2010	10	99.6	100.4	101.1	100.5	100.3	98.6	99.8	101.1

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	11	97.5	86.6	96.1	102.2	102.7
1981	20	99.0	91.1	94.3	101.8	101.8
1982	17	99.9	95.9	92.9	100.2	99.5
1984	24	99.1	95.3	93.2	99.8	100.0
1985	14	98.6	94.2	93.6	100.2	100.5
1986	18	98.8	94.3	94.5	100.1	100.4
1987	19	98.6	95.4	94.9	101.4	101.3
1989	11	98.7	94.3	93.4	100.4	100.8
1990	12	99.2	93.0	95.5	101.8	101.7
1991	14	99.4	95.6	94.5	100.9	100.9
1992	15	99.6	95.4	93.3	99.7	100.5
1993	18	100.3	92.4	95.0	101.5	100.8
1994	12	98.8	94.4	93.2	100.1	99.7
1996	13	100.3	97.6	94.0	100.1	100.3
1997	16	100.0	95.4	95.1	101.0	101.2
1998	15	99.2	96.5	92.3	98.3	97.8
1999	26	99.5	96.7	93.3	99.1	99.3
2000	15	100.5	99.7	95.3	101.0	100.7
2001	17	99.1	96.6	94.6	100.0	99.9
2002	13	100.0	97.9	96.2	101.4	100.4
2003	12	100.2	98.1	94.4	100.1	99.4
2004	11	99.9	99.7	94.4	99.7	99.5
2005	12	100.3	98.7	92.6	98.4	97.4
2006	10	99.6	97.7	93.5	99.2	98.9

2007	17	100.3	98.9	95.5	100.4	100.2
2009	14	100.9	98.8	96.2	100.6	99.6
2010	10	101.6	100.3	97.0	101.6	99.9

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1981	16	-221.8	-446.2	-295.4	102.1	100.9	94.8	92.1	98.1	0.0
1982	16	-201.7	-359.1	-301.4	99.8	100.2	93.2	93.1	97.4	0.0
1984	25	-232.6	-395.8	-507.1	100.0	101.1	94.1	92.7	98.2	0.0
1985	17	-202.8	-373.7	-407.2	100.5	101.8	94.7	91.9	97.9	55.4
1986	20	-196.9	-329.4	-458.4	100.4	100.3	95.0	93.6	97.9	40.6
1987	22	-179.5	-322.5	-445.0	101.6	101.5	95.7	92.5	97.3	36.0
1989	14	-201.4	-344.1	-456.2	100.6	100.3	93.8	92.5	97.9	24.8
1990	13	-171.0	-254.1	-401.6	101.9	99.8	95.0	92.0	96.9	26.9
1991	17	-154.4	-243.1	-350.5	101.0	99.9	95.8	93.2	97.6	33.9
1992	20	-167.4	-287.2	-446.6	100.0	100.5	96.3	95.2	97.5	19.1
1993	20	-130.2	-254.3	-325.6	101.1	100.7	97.2	95.7	98.3	22.6
1994	17	-157.7	-222.9	-382.9	99.8	98.5	95.8	94.6	98.6	27.9
1995	11	-137.9	-241.6	-310.1	99.5	100.5	97.3	96.0	98.2	25.1
1996	15	-107.1	-181.7	-204.7	100.1	100.6	96.0	96.3	98.9	19.1
1997	17	-133.8	-196.9	-243.9	101.4	98.9	95.4	95.0	98.6	25.9
1998	16	-120.5	-144.6	-227.0	97.7	100.1	96.3	95.3	98.1	9.1
1999	31	-97.0	-142.5	-154.5	99.2	99.7	96.5	97.0	98.3	24.3
2000	20	-75.9	-117.4	-116.6	100.8	99.5	97.3	97.1	99.1	7.8
2001	21	-82.2	-102.8	-97.2	100.0	98.5	96.5	97.3	98.7	11.0
2002	19	-58.0	-85.7	-57.9	100.9	99.1	97.5	97.3	99.4	11.3
2003	17	-73.3	-113.0	-108.0	99.5	99.5	99.3	97.6	98.6	14.3
2004	19	-86.6	-137.7	-152.0	99.5	99.5	98.0	98.3	97.9	4.8
2005	27	-71.2	-116.0	-116.3	97.6	99.8	100.2	99.6	99.0	4.9
2006	20	-63.8	-103.3	-64.8	98.8	99.4	97.7	98.8	99.4	12.8
2007	20	-31.7	-48.5	43.8	100.4	99.3	99.4	98.9	99.1	0.2
2008	12	-24.2	-37.4	-2.8	100.4	101.0	98.5	98.1	99.2	12.2
2009	16	-3.2	1.1	41.2	99.9	99.5	100.1	100.6	98.8	2.2
2010	10	48.2	62.2	157.8	100.5	101.1	102.4	101.2	99.1	6.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1999	18	97.4	98.9	99.4	96.8	99.4	96.9	99.0
2002	10	99.0	100.7	99.4	98.0	100.7	99.3	100.0
2005	12	100.5	101.2	100.3	99.7	101.2	99.0	99.7
2006	10	98.7	100.1	99.5	98.1	100.1	98.2	99.7
2007	13	99.8	100.9	100.1	99.0	101.0	97.6	99.8
2009	12	99.9	99.9	100.5	100.7	99.4	98.8	98.2

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1981	17	100.8	97.3	100.8	97.3	93.5	98.4
1982	17	99.4	97.6	99.4	97.6	92.0	98.1
1984	20	100.2	97.7	100.2	97.7	92.8	98.5
1985	12	100.9	96.8	100.9	96.8	92.8	97.9
1986	18	100.3	97.4	100.3	97.4	92.7	97.9
1987	21	100.0	97.0	100.0	97.0	92.7	97.8
1989	13	100.9	97.2	100.9	97.2	93.2	97.8
1990	12	99.5	97.2	99.5	97.2	92.1	97.1
1991	16	100.1	97.4	100.1	97.4	92.9	97.6
1992	20	100.2	97.0	100.2	97.0	92.8	97.8
1993	20	101.0	97.5	101.0	97.5	95.3	98.2
1994	17	100.5	98.0	100.5	98.0	93.2	98.4
1995	11	100.5	97.5	100.5	97.5	93.7	97.9
1996	14	101.1	97.9	101.1	97.9	94.4	98.4
1997	19	101.1	97.7	101.1	97.7	93.0	98.5
1998	19	100.7	97.6	100.7	97.6	93.4	97.9
1999	33	100.9	97.4	100.9	97.4	94.6	97.6
2000	23	102.7	97.0	102.7	97.0	96.0	98.3
2001	22	102.2	97.0	102.2	97.0	95.5	98.5
2002	19	101.7	97.9	101.7	97.9	95.4	98.2
2003	19	101.9	97.2	101.9	97.2	95.7	97.8
2004	22	100.9	97.2	100.9	97.2	94.3	98.1
2005	31	102.2	97.5	102.2	97.5	95.6	98.5
2006	22	102.3	97.9	102.3	97.9	95.9	99.0
2007	26	101.7	97.8	101.7	97.8	95.3	97.9
2008	12	101.8	98.0	101.8	98.0	96.0	97.9
2009	18	102.1	97.5	102.1	97.4	95.8	97.8
2010	10	101.3	98.2	101.3	98.0	95.0	98.3

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	94.7	101.4	106.2	90.9	88.7	89.3
1981	20	95.5	100.9	105.9	86.8	82.2	83.2
1982	17	93.8	102.2	107.3	95.9	92.5	92.8
1984	24	96.3	101.6	104.6	102.2	98.5	99.1
1985	15	95.9	100.7	105.1	102.4	99.1	99.1
1986	20	96.8	101.2	104.0	96.0	94.5	94.1
1987	21	95.5	101.8	105.5	100.1	98.6	99.2
1989	14	95.7	101.1	105.6	101.9	98.6	97.6
1990	11	94.7	103.1	106.4	100.6	99.2	99.7
1991	16	96.1	103.7	105.2	100.5	99.8	102.6
1992	20	96.2	102.2	105.5	101.5	98.9	99.9
1993	20	98.0	99.8	102.7	95.3	93.8	95.0
1994	16	96.6	101.4	104.8	101.9	98.3	98.8
1995	10	96.6	102.4	104.5	100.7	99.5	99.8
1996	15	99.0	100.9	101.7	94.7	92.1	93.8

1997	17	97.2	101.4	104.1	101.8	99.0	98.1
1998	17	96.2	101.6	104.8	100.5	98.6	99.8
1999	32	98.4	100.7	102.1	97.9	95.9	96.9
2000	22	98.5	100.2	102.9	100.6	99.3	101.1
2001	22	97.7	99.5	103.1	101.8	98.3	98.9
2002	19	97.6	100.4	103.5	104.7	98.3	98.9
2003	19	97.2	100.9	104.1	101.5	99.4	101.1
2004	21	96.4	99.5	104.7	101.0	99.5	100.0
2005	28	97.6	99.2	103.4	101.8	97.6	99.4
2006	20	98.2	100.1	102.2	102.2	98.2	99.0
2007	22	98.9	100.2	101.7	99.8	100.1	102.2
2008	11	97.7	100.8	103.4	101.8	99.4	101.7
2009	17	97.7	99.8	102.9	99.6	100.2	101.0
2010	10	99.2	99.8	102.0	100.6	99.6	99.2

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	107.1	108.5	96.9	101.5	112.7	94.5	105.4	98.8	110.4	96.3	104.2
1981	20	106.5	108.6	98.0	102.7	110.3	97.0	104.3	100.2	109.5	98.0	104.3
1982	17	106.2	106.5	98.1	101.5	110.2	95.7	104.9	99.5	108.2	97.6	104.1
1984	23	105.0	105.9	96.7	101.2	108.9	96.3	103.7	99.4	107.4	97.5	103.2
1985	12	105.7	106.5	96.7	102.2	109.0	97.1	104.2	99.8	107.8	98.2	104.2
1986	19	105.1	104.9	96.8	101.3	108.3	95.7	103.6	100.0	106.4	96.4	103.4
1987	21	105.6	106.2	97.0	102.9	108.4	96.3	104.6	99.4	106.9	97.6	104.0
1989	14	106.7	106.2	96.2	102.9	109.6	95.9	105.1	100.4	107.8	96.9	104.9
1990	12	104.0	106.5	97.1	101.8	107.5	97.7	102.9	98.3	107.2	98.1	103.8
1991	16	102.9	104.2	97.6	101.1	104.8	97.5	101.6	100.5	104.5	97.8	101.8
1992	20	105.5	105.8	98.0	102.8	107.2	97.3	103.8	101.2	105.9	98.2	104.2
1993	20	105.0	104.7	98.8	102.0	106.8	97.2	103.7	100.8	104.8	99.4	102.2
1994	15	103.9	103.1	98.4	101.5	105.0	97.3	103.1	100.6	103.9	98.2	102.5
1995	11	102.9	101.6	98.8	100.7	103.7	97.7	102.5	100.1	102.4	98.8	101.5
1996	15	103.5	103.9	98.7	101.2	105.7	97.4	102.4	100.1	104.3	98.6	101.8
1997	19	102.6	102.1	98.7	100.6	104.3	98.1	101.3	100.3	103.3	98.8	101.7
1998	19	102.6	101.4	99.3	101.0	103.5	98.3	102.0	100.1	101.8	99.0	101.9
1999	32	102.1	101.5	99.8	100.8	104.0	98.7	101.5	99.9	101.9	100.3	100.2
2000	23	101.5	102.3	97.9	101.9	102.4	98.4	101.0	99.8	101.6	99.2	100.8
2001	22	101.0	100.9	100.2	100.8	101.6	99.6	100.8	99.5	100.5	100.6	100.2
2002	19	101.9	101.8	100.0	101.4	102.5	98.6	101.2	100.9	101.6	99.9	100.8
2003	19	101.5	101.7	99.5	101.9	101.8	99.1	100.8	100.5	101.3	99.7	100.9
2004	22	100.9	102.5	98.4	102.4	101.9	99.0	100.8	99.1	101.4	98.9	101.9
2005	27	101.6	102.7	98.5	102.0	103.6	98.0	101.6	98.2	102.2	98.0	101.9
2006	20	101.4	101.7	99.3	100.5	103.2	98.6	100.8	99.6	101.5	99.3	100.2
2007	20	100.0	100.5	98.1	100.7	101.2	98.9	100.2	98.8	100.3	98.4	100.8
2008	11	99.3	100.4	100.2	100.2	100.5	100.8	98.5	100.2	100.5	100.3	99.0
2009	17	99.6	100.1	100.0	100.8	100.5	99.6	100.1	98.4	100.1	99.8	100.0
2010	10	97.3	98.1	98.7	100.4	96.9	100.7	97.9	99.0	98.1	99.2	99.2

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	17	95.9	96.8	102.6
1982	17	94.9	96.5	102.4
1984	20	95.5	96.9	102.6
1985	12	95.3	96.5	102.5
1986	18	95.1	96.4	101.6
1987	21	95.7	96.9	102.1
1989	13	95.4	96.6	103.1
1990	12	95.7	96.9	102.1
1991	16	95.4	96.8	102.1
1992	20	95.3	96.5	102.5
1993	20	95.5	96.9	102.0
1994	16	95.1	96.9	102.5
1995	11	95.5	97.3	101.9
1996	14	96.5	97.6	102.2
1997	19	96.2	97.7	102.0
1998	19	96.3	97.7	101.6
1999	33	97.4	98.5	101.6
2000	23	97.4	98.7	102.1
2001	22	97.7	98.8	102.0
2002	19	97.9	98.7	100.8
2003	19	98.9	99.4	100.9
2004	22	98.3	99.3	100.5
2005	31	98.6	99.3	100.0
2006	22	98.0	98.9	100.4
2007	26	98.4	99.4	101.3
2008	12	99.1	99.8	101.1
2009	18	98.9	99.6	101.9
2010	10	99.9	100.9	100.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	21	-1196.8	-4580.4	-202.0	-172.8
2002	19	-859.8	-3437.6	-137.4	-127.5
2003	17	-1265.5	-4903.5	-214.5	-182.3
2004	19	-1579.4	-6301.4	-264.8	-227.9
2005	27	-1247.7	-5203.4	-208.4	-179.5
2006	20	-935.3	-3754.7	-160.5	-132.9
2007	20	-91.8	-473.6	-12.1	-14.6
2008	12	-320.6	-1567.8	-43.1	-50.9
2009	16	117.8	364.3	24.8	14.8
2010	10	1125.1	3758.1	214.3	152.0

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

Jaar	Aantal	Eff	Int	Gewen
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1986	10	96.2	91.4	100.0
1991	11	95.0	91.2	98.1
1999	20	98.0	94.6	100.2
2000	12	97.2	92.6	100.5
2001	10	97.3	98.1	100.4
2005	10	99.0	94.5	99.1
2007	11	100.5	96.9	100.2
2009	12	98.7	97.1	99.6

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1981	16	98.2	99.6	0	0.0	0.0	0	0.0
1982	16	100.4	101.8	0	0.0	0.0	0	0.0
1984	25	98.6	100.2	0	0.0	0.0	0	0.0
1985	17	99.9	100.8	17	-3.3	55.4	0	0.0
1986	20	100.8	101.1	20	-2.8	40.6	0	0.0
1987	22	99.5	100.5	22	-2.6	36.0	0	0.0
1989	14	99.1	99.6	14	-2.6	24.8	0	0.0
1990	13	100.2	99.6	13	-2.0	26.9	0	0.0
1991	17	98.5	100.2	16	-2.1	33.9	0	0.0
1992	20	97.1	99.2	20	-2.2	19.1	0	0.0
1993	20	99.2	100.2	20	-2.0	22.6	0	0.0
1994	17	99.6	98.6	17	-1.8	27.9	0	0.0
1995	11	100.3	99.6	11	-2.0	25.1	0	0.0
1996	15	101.2	99.8	15	-1.4	19.1	0	0.0
1997	17	99.7	99.8	17	-1.6	25.9	0	0.0
1998	16	99.4	99.6	16	-1.1	9.1	0	0.0
1999	31	100.1	98.8	31	-1.3	24.3	0	0.0
2000	20	102.8	101.2	20	-0.9	7.8	0	0.0
2001	21	100.8	100.2	21	-0.8	11.0	17	99.1
2002	19	101.6	100.2	19	-0.7	11.3	13	98.5
2003	17	99.9	99.3	17	-1.0	14.3	12	97.7
2004	19	100.8	98.9	19	-0.9	4.8	11	100.9
2005	27	100.3	98.8	27	-0.8	4.9	12	100.9
2006	20	99.9	99.2	20	-0.9	12.8	10	99.6
2007	20	100.7	99.8	20	-0.3	0.2	17	100.5
2008	12	100.8	99.0	12	-0.4	12.2	8	97.9
2009	16	102.5	99.5	17	-0.0	2.2	14	100.4
2010	10	102.2	100.9	10	0.3	6.0	10	99.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	12	99.7	0	0.0	0	0.0	12	94.9
1982	12	100.0	0	0.0	0	0.0	12	96.3
1984	16	99.9	0	0.0	0	0.0	16	96.7

1985	11	99.9	0	0.0	0	0.0	11	96.1
1986	17	100.0	0	0.0	0	0.0	17	97.0
1987	16	99.9	0	0.0	0	0.0	16	95.5
1989	12	99.8	0	0.0	0	0.0	12	96.0
1990	11	100.0	0	0.0	0	0.0	11	98.4
1991	14	99.9	0	0.0	0	0.0	14	97.4
1992	14	100.0	0	0.0	0	0.0	14	97.5
1993	16	99.9	0	0.0	0	0.0	16	96.3
1994	12	99.8	0	0.0	0	0.0	12	95.9
1995	10	99.9	0	0.0	0	0.0	10	97.4
1996	13	99.9	0	0.0	0	0.0	13	96.8
1997	14	99.9	0	0.0	0	0.0	14	97.1
1998	13	99.9	0	0.0	0	0.0	13	97.5
1999	27	100.0	0	0.0	0	0.0	27	97.9
2000	17	100.6	3	103.3	2	103.5	17	98.2
2001	17	99.9	0	0.0	0	0.0	17	97.2
2002	16	99.9	1	101.0	1	102.0	16	96.8
2003	13	99.9	0	0.0	1	103.0	13	96.0
2004	11	99.9	0	0.0	1	99.0	11	98.0
2005	20	100.2	1	104.0	0	0.0	20	98.1
2006	16	100.0	0	0.0	0	0.0	16	97.8
2007	18	100.1	1	102.0	1	101.0	18	97.7
2009	16	100.1	0	0.0	0	0.0	16	99.9
2010	10	100.7	2	102.5	4	102.0	10	99.8

Tabel: 85 Maas Rijn IJssel: Reproductiestoornissen

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1999	16	100.6	100.1	100.6	99.5	100.6	100.4
2001	10	99.2	98.2	99.3	97.8	100.4	99.9

Tabel: 86 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	15	-2314.9	-91.5	-87.4	-105.3	21.1	-6.8	0.1	-582.3
1985	20	-2314.4	-93.4	-88.5	-105.5	17.9	-8.3	-0.1	-590.5
1986	46	-2312.2	-89.1	-88.7	-105.3	26.5	-8.6	0.0	-582.6
1987	145	-2345.7	-94.4	-90.1	-106.8	19.1	-9.3	0.0	-599.7
1988	277	-2330.1	-92.8	-88.3	-106.1	20.5	-7.1	0.1	-588.7
1989	434	-2279.2	-88.4	-85.3	-103.8	24.3	-4.8	0.0	-566.5
1990	659	-2313.6	-87.3	-85.7	-105.3	29.1	-3.4	0.0	-566.6
1991	1088	-2140.0	-77.1	-75.3	-97.4	31.8	3.3	0.1	-499.7
1992	1462	-2025.8	-75.7	-73.0	-92.2	25.7	0.4	0.1	-486.1
1993	1615	-1957.9	-76.0	-72.6	-89.1	20.0	-2.9	0.2	-484.1
1994	2110	-1854.1	-65.4	-66.2	-84.3	28.4	1.1	0.2	-434.2
1995	2324	-1783.0	-63.6	-63.9	-81.1	26.2	0.7	0.2	-419.9
1996	2112	-1699.6	-61.0	-62.3	-77.3	24.2	-1.4	0.2	-406.9
1997	1720	-1553.4	-57.0	-57.9	-70.6	19.8	-2.7	0.2	-378.6

1998	1688	-1513.1	-56.3	-56.3	-68.8	18.4	-2.3	0.2	-369.8
1999	1398	-1457.2	-53.8	-53.3	-66.2	18.0	-0.7	0.3	-351.3
2000	1011	-1225.0	-49.2	-47.4	-55.6	9.4	-4.1	0.3	-314.3
2001	959	-1088.9	-49.4	-42.5	-49.3	0.4	-4.2	0.5	-292.8
2002	741	-930.7	-45.8	-38.0	-41.9	-3.9	-5.7	0.7	-264.7
2003	701	-881.0	-37.7	-34.4	-39.3	3.4	-3.2	1.1	-231.9
2004	645	-705.5	-29.2	-29.1	-30.9	4.6	-4.2	1.7	-190.1
2005	629	-522.9	-25.7	-23.9	-23.4	-1.5	-5.9	0.5	-159.1
2006	528	-468.0	-24.0	-21.7	-20.7	-2.2	-5.3	0.9	-145.5
2007	543	-509.9	-16.6	-18.1	-22.2	9.5	1.0	1.4	-116.0
2008	432	-485.4	-14.9	-16.3	-21.6	9.9	2.2	0.7	-104.6
2009	370	-404.1	-15.5	-15.8	-17.8	4.2	-1.0	0.7	-102.5
2010	199	-415.4	-18.1	-15.7	-17.8	1.8	-0.4	1.5	-107.7
2011	173	-407.5	-15.9	-14.6	-17.2	3.8	0.6	1.8	-98.5
2012	130	-366.4	-16.3	-13.9	-15.9	1.4	-0.2	1.1	-95.9
2013	222	-222.0	-14.1	-9.0	-9.6	-4.3	-0.8	0.8	-69.6
2014	110	-277.7	-16.7	-10.9	-11.9	-4.1	-0.6	1.0	-83.3
2015	70	-257.5	-14.7	-8.1	-10.8	-3.2	1.8	1.2	-67.4
2016	78	-158.4	-11.0	-4.4	-4.4	-4.1	2.2	3.5	-42.6
2017	57	29.6	-6.3	-0.9	4.1	-8.3	-1.6	3.2	-15.5
2018	36	250.2	5.0	8.1	12.1	-6.1	-0.5	0.8	47.2
2019	11	123.2	1.5	4.2	6.7	-4.7	-0.2	1.5	22.5

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	12	88.7	98.8	92.5	91.5	104.8	96.1	98.3
1986	30	88.7	97.3	90.8	90.7	104.9	96.1	97.5
1987	64	87.7	98.4	90.9	90.1	105.6	97.9	97.2
1988	151	88.2	98.5	90.9	89.9	105.9	97.9	98.1
1989	288	88.3	98.4	91.0	90.4	105.3	98.1	97.2
1990	411	88.8	98.6	91.4	90.6	105.3	97.7	98.0
1991	677	89.1	98.0	92.0	91.7	103.7	97.5	97.2
1992	889	89.7	98.2	92.2	91.7	103.9	97.5	98.1
1993	966	90.6	98.5	92.7	92.1	104.1	97.3	98.9
1994	1200	90.7	100.0	94.4	93.1	104.6	97.7	99.8
1995	1261	90.9	100.1	94.9	93.6	104.3	97.7	99.8
1996	1141	91.2	100.2	95.4	94.1	104.4	97.8	99.8
1997	935	91.8	100.4	96.1	94.9	103.7	97.9	99.9
1998	872	92.6	100.4	96.8	95.6	103.3	97.9	99.5
1999	706	92.6	100.1	96.5	95.4	103.1	97.8	99.6
2000	469	93.5	99.8	96.2	95.3	102.8	98.0	99.2
2001	444	93.8	100.0	95.9	95.0	102.8	97.8	99.4
2002	369	94.4	100.1	96.3	95.6	102.7	97.9	99.1
2003	357	94.9	101.1	97.4	96.6	103.0	99.0	98.6
2004	307	95.1	101.5	98.6	97.7	102.2	99.0	99.1
2005	286	95.6	101.8	99.1	98.2	101.7	99.4	99.6
2006	243	95.8	102.7	99.5	98.4	102.2	99.6	99.8
2007	257	95.5	103.4	100.0	98.8	102.8	100.3	98.5
2008	229	95.6	103.0	99.6	98.7	102.7	100.5	98.2
2009	201	96.2	102.8	99.8	98.9	102.6	101.2	97.9
2010	101	96.4	102.2	99.7	98.7	102.0	101.2	99.4

2011	93	97.1	102.4	99.6	98.4	102.3	100.8	99.5
2012	67	97.5	101.3	99.6	99.1	101.4	100.6	99.6
2013	109	97.4	101.5	99.3	98.8	101.3	100.2	100.0
2014	61	97.7	101.4	99.2	98.5	101.4	98.8	100.1
2015	32	98.2	101.9	99.6	98.7	101.4	99.9	100.2
2016	40	98.6	101.3	99.7	99.4	101.5	100.0	99.8
2017	20	99.2	102.8	100.5	100.3	102.6	100.0	100.0
2018	18	99.2	103.3	99.8	99.7	103.4	100.6	100.9

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	12	91.3	102.6	96.5	95.8	88.2
1986	30	92.1	101.9	96.9	95.9	88.5
1987	64	93.3	101.2	96.3	96.1	90.4
1988	151	94.0	100.6	97.2	96.5	91.2
1989	288	94.0	100.6	97.4	96.7	91.2
1990	411	94.2	100.7	97.4	96.6	91.5
1991	677	92.9	103.0	95.9	95.7	89.9
1992	889	93.4	102.1	96.5	95.7	90.3
1993	966	94.1	102.1	97.0	96.3	91.2
1994	1200	92.4	102.6	95.4	95.9	90.1
1995	1261	92.7	102.6	95.3	95.7	90.5
1996	1141	93.6	102.4	95.8	96.0	91.4
1997	935	94.3	102.9	95.8	96.4	92.0
1998	872	94.9	103.9	95.4	96.5	92.5
1999	706	95.4	103.5	95.9	96.7	93.0
2000	469	95.9	102.8	96.9	97.1	93.7
2001	444	96.2	102.0	98.1	97.3	94.0
2002	369	95.8	101.8	98.5	97.2	93.6
2003	357	96.4	101.1	98.9	98.4	94.9
2004	307	96.4	101.8	97.9	98.3	95.1
2005	286	96.1	102.5	97.1	98.4	95.0
2006	243	96.8	101.9	97.4	99.3	95.8
2007	257	97.8	100.3	98.6	100.8	97.8
2008	229	97.9	100.1	98.7	101.1	98.1
2009	201	98.0	99.8	98.9	101.2	98.2
2010	101	97.6	100.2	98.8	100.1	97.5
2011	93	98.8	99.5	99.9	100.6	98.8
2012	67	99.0	99.6	99.8	99.9	99.1
2013	109	99.9	99.2	100.1	100.2	99.8
2014	61	99.8	99.4	100.3	99.3	99.4
2015	32	99.9	99.6	99.7	99.2	99.3
2016	40	99.6	99.8	99.7	100.0	99.9
2017	20	100.1	98.5	101.7	101.3	100.2
2018	18	100.3	98.1	101.9	102.1	99.9

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	12	90.7	87.9	102.2	92.6	87.7	90.8	88.8
1986	30	91.9	89.8	102.2	94.0	89.1	91.6	89.6
1987	64	90.8	88.5	103.0	92.5	88.6	91.4	89.3
1988	151	91.0	89.2	103.6	92.8	88.4	91.3	89.3
1989	288	91.2	89.5	103.3	92.9	88.8	91.2	89.2
1990	411	90.9	89.5	102.4	92.7	88.4	90.8	89.0
1991	677	91.4	89.3	102.1	92.4	88.5	90.9	88.9
1992	889	91.8	89.3	101.7	93.1	88.8	90.7	89.0
1993	966	92.3	90.1	101.4	93.6	89.2	91.4	89.8
1994	1200	92.0	91.6	100.4	92.4	87.9	92.2	91.0
1995	1261	92.0	91.9	100.5	92.3	88.3	92.7	91.5
1996	1141	92.1	92.3	100.8	92.2	88.9	92.9	91.8
1997	935	92.2	92.3	100.5	92.4	89.7	93.0	91.6
1998	872	91.9	92.2	100.7	92.4	90.3	93.6	91.8
1999	706	92.2	92.8	100.6	92.7	91.0	94.2	92.5
2000	469	92.7	93.3	100.8	93.6	91.9	94.9	93.3
2001	444	93.3	92.9	101.5	93.9	92.1	94.9	92.8
2002	369	93.2	92.6	101.4	93.7	92.6	94.8	92.2
2003	357	94.2	94.1	100.3	94.4	93.0	95.3	93.3
2004	307	94.5	95.1	100.5	93.9	93.6	96.6	95.2
2005	286	94.4	94.9	101.2	93.7	94.2	96.2	94.9
2006	243	95.2	95.4	100.7	94.5	94.5	96.5	95.4
2007	257	95.1	96.4	99.6	94.5	93.9	96.2	95.2
2008	229	95.3	96.7	99.3	94.9	94.3	96.4	95.5
2009	201	95.4	97.1	99.2	95.2	94.3	96.5	95.7
2010	101	95.7	97.2	99.3	95.8	95.2	97.4	96.5
2011	93	96.3	97.7	99.2	96.4	95.8	97.7	97.2
2012	67	97.1	98.2	99.0	97.2	96.9	99.0	98.0
2013	109	97.3	98.4	98.8	97.5	96.8	98.6	98.1
2014	61	97.5	98.3	100.0	97.7	97.2	98.7	98.2
2015	32	98.1	99.6	99.7	98.3	97.9	99.2	98.9
2016	40	99.0	99.3	100.2	99.2	98.5	100.2	99.7
2017	20	99.8	99.9	100.3	100.4	99.2	99.9	99.8
2018	18	100.9	99.6	100.5	101.5	99.0	98.9	98.3

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	12	94.2	96.5	87.6	87.7	0.0	84.7
1986	30	92.6	95.1	89.6	88.0	0.0	85.2
1987	64	93.8	95.2	88.3	89.8	0.0	85.7
1988	151	94.3	95.5	88.3	90.9	0.0	86.6
1989	288	93.9	95.3	88.5	90.8	0.0	86.5
1990	411	94.3	95.7	88.1	91.0	0.0	86.7
1991	677	93.8	95.4	88.3	89.4	0.0	85.7
1992	889	94.4	95.8	88.8	89.9	0.0	86.4
1993	966	95.0	96.5	89.5	90.8	0.0	87.6
1994	1200	96.7	98.2	88.7	89.5	0.0	87.2
1995	1261	96.9	98.4	89.0	89.9	0.0	87.6
1996	1141	97.1	98.9	89.3	90.8	0.0	88.5
1997	935	97.5	99.2	89.7	91.4	0.0	89.1

1998	872	97.6	99.4	89.9	91.8	0.0	89.5
1999	706	97.3	99.0	90.5	92.5	0.0	90.1
2000	469	97.1	98.7	91.5	93.4	0.0	90.9
2001	444	96.9	98.4	91.9	93.8	0.0	91.3
2002	369	97.1	98.7	92.0	93.5	0.0	91.3
2003	357	98.0	99.5	93.0	94.7	0.0	92.8
2004	307	98.8	100.0	93.1	94.7	0.0	93.2
2005	286	99.6	100.3	93.2	94.3	0.0	93.3
2006	243	100.1	100.7	93.9	95.2	0.0	94.3
2007	257	100.2	101.0	93.7	97.1	0.0	95.3
2008	229	100.0	100.7	94.1	97.5	0.0	95.6
2009	201	100.1	100.7	94.3	97.6	0.0	95.8
2010	101	100.6	100.6	95.0	96.9	0.0	96.0
2011	93	100.7	100.9	95.6	98.4	0.0	97.2
2012	67	100.3	100.8	96.8	98.6	0.0	97.8
2013	109	100.3	100.6	96.8	99.3	0.0	98.1
2014	61	99.4	100.6	97.1	99.1	0.0	98.0
2015	32	100.3	100.7	97.9	99.0	0.0	98.5
2016	40	100.1	101.0	98.7	99.2	0.0	99.1
2017	20	100.8	102.2	99.8	99.9	0.0	100.4
2018	18	101.5	102.4	100.6	99.4	0.0	100.7

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	19	104.2	101.9	103.2	103.1	101.9	99.8	87.7	103.3
1985	27	103.5	101.8	102.6	102.7	101.0	99.0	87.6	102.6
1986	56	103.9	101.9	103.4	103.1	101.6	99.2	88.5	103.3
1987	164	104.4	102.3	103.5	103.6	102.2	100.1	88.5	103.5
1988	282	104.9	101.9	103.7	103.5	102.5	100.4	87.7	103.5
1989	444	103.7	101.9	103.0	103.0	101.5	99.8	87.8	103.0
1990	685	103.6	102.4	103.3	103.5	101.7	100.2	88.3	103.3
1991	1147	104.1	100.7	102.8	102.3	101.7	100.1	89.8	102.5
1992	1559	103.9	100.7	102.7	102.2	101.5	100.1	90.6	102.3
1993	1708	103.4	101.1	102.5	102.3	101.2	99.9	91.0	102.3
1994	2366	102.8	100.9	102.1	102.0	100.7	99.8	91.1	101.9
1995	2606	102.3	101.2	101.9	102.0	100.4	99.7	91.3	101.9
1996	2375	102.0	100.6	101.3	101.2	99.9	99.5	91.9	101.3
1997	1920	101.3	100.1	100.7	100.4	99.2	99.4	92.2	100.6
1998	1881	101.1	100.3	100.6	100.5	99.2	99.5	92.8	100.6
1999	1543	101.2	100.4	100.8	100.8	99.5	99.6	92.8	100.8
2000	1107	101.7	99.5	100.8	100.3	99.8	99.8	93.3	100.4
2001	1065	101.4	100.2	101.1	101.0	99.9	99.0	93.4	101.0
2002	826	100.7	100.8	101.0	101.2	99.6	99.0	94.8	101.1
2003	785	99.5	100.2	100.0	100.0	98.3	98.7	95.9	100.1
2004	725	99.0	99.5	99.2	98.9	97.5	98.1	95.5	99.2
2005	696	98.9	99.3	99.2	98.8	97.5	98.1	95.4	99.1
2006	593	98.6	99.4	99.2	98.8	97.4	98.1	96.0	99.1
2007	617	97.1	100.0	98.3	98.4	96.4	97.9	98.0	98.7
2008	540	97.4	99.9	98.5	98.5	96.7	98.2	97.8	98.8
2009	460	97.6	99.6	98.4	98.3	96.7	98.2	97.7	98.6
2010	234	98.5	99.5	99.2	98.8	97.6	98.5	97.6	99.2
2011	231	98.4	99.2	98.8	98.5	97.5	98.5	97.9	98.9

2012	175	98.2	99.3	98.8	98.5	97.4	98.4	97.8	98.8
2013	303	98.7	98.5	98.5	98.0	97.5	98.4	97.5	98.3
2014	160	99.4	98.4	99.0	98.4	98.2	98.4	97.2	98.7
2015	104	99.6	100.1	100.5	100.4	99.3	98.6	98.1	100.5
2016	100	99.9	100.2	101.0	100.9	100.0	98.8	98.3	100.9
2017	89	99.7	100.2	100.7	100.6	99.7	98.7	98.3	100.6
2018	65	99.1	101.0	101.2	101.4	99.8	98.7	99.7	101.3
2019	30	99.5	101.1	101.4	101.7	100.0	98.3	98.9	101.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	13	101.6	82.6	95.6	99.1	102.2
1986	29	101.5	98.6	94.5	98.0	101.1
1987	65	100.4	92.6	95.2	98.5	101.6
1988	142	100.2	96.4	95.2	98.5	101.6
1989	270	99.4	97.2	95.0	97.9	101.5
1990	383	100.1	98.0	94.6	97.4	100.7
1991	654	99.9	98.0	95.6	98.7	101.3
1992	874	100.6	98.6	95.7	98.7	101.2
1993	939	101.4	98.6	95.2	98.1	100.8
1994	1166	101.7	98.3	95.5	98.2	101.0
1995	1246	101.3	98.2	95.1	97.6	100.6
1996	1122	101.6	98.7	95.0	97.2	100.3
1997	934	101.2	98.8	95.0	97.2	100.1
1998	862	101.2	98.5	94.8	96.9	99.5
1999	699	100.8	98.6	94.6	96.7	99.0
2000	458	100.7	98.0	95.3	97.3	99.4
2001	443	100.8	97.7	95.0	96.8	98.6
2002	366	100.4	97.2	94.3	95.9	97.3
2003	356	100.4	98.0	94.8	96.3	97.8
2004	307	100.3	97.8	95.5	96.7	98.2
2005	282	100.4	98.2	95.9	97.3	98.2
2006	244	100.6	98.1	96.5	97.6	98.5
2007	258	100.8	99.1	96.3	97.5	98.4
2008	229	100.9	99.4	96.6	97.5	98.4
2009	195	101.2	99.5	96.9	97.7	98.7
2010	100	100.4	98.9	96.7	97.6	98.5
2011	91	100.3	99.5	97.3	97.9	98.8
2012	64	100.0	99.6	97.2	97.7	98.5
2013	100	100.1	99.0	98.0	98.2	98.8
2014	57	100.6	100.4	98.0	98.3	98.5
2015	32	100.5	100.7	98.8	98.9	99.3
2016	36	100.7	101.0	99.9	99.9	100.8
2017	19	100.5	100.9	100.0	100.1	100.7
2018	18	100.4	100.9	100.7	100.7	100.2

Tabel: 93 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1984	15	-270.9	-582.3	-340.3	102.0	103.3	90.7	89.7	98.3	100.5
1985	20	-291.1	-590.5	-428.4	101.0	102.6	87.6	87.7	99.1	79.2
1986	46	-290.5	-582.6	-429.0	99.8	103.3	89.6	88.0	97.9	82.7
1987	145	-294.6	-599.7	-429.7	100.3	103.5	88.3	89.8	98.8	71.1
1988	277	-286.7	-588.7	-432.2	100.3	103.5	88.3	90.9	98.4	69.6
1989	434	-283.6	-566.5	-442.7	100.0	103.0	88.5	90.8	98.0	72.7
1990	659	-286.3	-566.6	-445.6	99.2	103.3	88.1	91.0	98.0	69.9
1991	1088	-273.5	-499.7	-456.0	100.2	102.5	88.3	89.4	97.9	70.5
1992	1462	-265.5	-486.1	-427.8	100.2	102.3	88.8	89.9	98.0	66.6
1993	1615	-263.3	-484.1	-429.3	99.6	102.3	89.5	90.8	98.2	59.7
1994	2110	-254.1	-434.2	-436.2	99.7	101.9	88.7	89.5	98.4	45.1
1995	2324	-248.4	-419.9	-423.2	99.2	101.9	89.0	89.9	98.8	42.1
1996	2112	-246.8	-406.9	-423.7	98.9	101.3	89.3	90.8	98.8	38.4
1997	1720	-241.4	-378.6	-423.8	98.7	100.6	89.7	91.4	98.6	35.5
1998	1688	-241.4	-369.8	-457.6	98.2	100.6	89.9	91.8	98.7	35.4
1999	1398	-228.7	-351.3	-443.2	97.8	100.8	90.5	92.5	99.1	36.5
2000	1011	-204.9	-314.3	-382.7	98.3	100.4	91.5	93.4	99.1	35.6
2001	959	-190.6	-292.8	-352.6	97.6	101.0	91.9	93.8	99.5	30.8
2002	741	-188.0	-264.7	-372.0	96.3	101.1	92.0	93.5	99.5	27.9
2003	701	-173.0	-231.9	-352.8	96.8	100.1	93.0	94.7	98.1	18.8
2004	645	-162.3	-190.1	-360.5	97.3	99.2	93.1	94.7	96.7	12.7
2005	629	-146.7	-159.1	-327.3	97.6	99.1	93.2	94.3	97.4	9.3
2006	528	-136.1	-145.5	-305.1	97.9	99.1	93.9	95.2	97.4	0.2
2007	543	-116.1	-116.0	-250.6	97.7	98.7	93.7	97.1	95.7	-3.2
2008	432	-104.4	-104.6	-214.8	97.8	98.8	94.1	97.5	96.2	0.2
2009	370	-103.3	-102.5	-191.9	98.1	98.6	94.3	97.6	96.4	-0.2
2010	199	-99.6	-107.7	-187.8	97.9	99.2	95.0	96.9	97.0	0.0
2011	173	-88.5	-98.5	-176.6	98.2	98.9	95.6	98.4	97.4	-0.1
2012	130	-85.8	-95.9	-156.5	97.9	98.8	96.8	98.6	97.5	2.0
2013	222	-69.9	-69.6	-127.6	98.4	98.3	96.8	99.3	98.6	-0.8
2014	110	-71.7	-83.3	-111.3	98.3	98.7	97.1	99.1	99.3	0.9
2015	70	-49.9	-67.4	-110.4	99.0	100.5	97.9	99.0	99.5	-6.5
2016	78	-19.1	-42.6	-44.7	100.5	100.9	98.7	99.2	100.6	-5.6
2017	57	-6.4	-15.5	-16.5	100.5	100.6	99.8	99.9	100.4	-18.0
2018	36	38.0	47.2	6.1	100.5	101.3	100.6	99.4	101.1	-28.0
2019	11	19.3	22.5	29.6	98.6	101.4	100.7	100.7	101.2	-31.6

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1990	13	94.8	94.6	99.7	96.8	94.4	96.1	96.8
1991	113	92.2	91.9	98.2	95.5	93.0	94.4	97.1
1992	134	92.3	92.4	98.0	95.0	93.6	94.9	97.2
1993	145	92.5	93.7	97.5	94.4	93.8	96.1	97.2
1994	310	94.1	95.4	99.1	94.5	94.8	97.6	96.5
1995	385	94.4	95.8	99.6	94.6	95.0	98.2	96.2
1996	338	94.5	95.3	99.7	95.4	94.4	98.2	96.0
1997	329	93.9	94.1	99.3	95.9	93.5	97.2	95.8
1998	481	94.0	93.7	99.6	97.0	92.3	96.8	95.2
1999	366	94.7	94.3	100.1	97.3	92.7	97.3	95.3
2000	283	95.3	95.6	99.8	97.4	93.5	98.1	95.4

2001	300	95.4	95.7	99.9	96.9	94.4	98.4	95.5
2002	269	95.3	95.9	99.7	96.8	94.5	98.4	95.1
2003	287	96.4	97.3	99.6	98.0	95.4	97.5	95.9
2004	276	96.9	97.8	100.1	98.4	95.6	96.9	96.3
2005	256	97.2	98.6	99.9	98.2	96.0	96.7	97.0
2006	227	97.4	98.4	100.0	98.7	96.0	96.6	97.3
2007	246	99.0	100.5	99.8	99.6	98.3	96.0	98.8
2008	219	99.3	100.6	100.0	99.7	98.7	96.3	99.2
2009	192	99.2	100.5	99.8	99.9	98.6	96.3	99.3
2010	95	98.6	99.9	99.7	99.4	98.1	96.7	98.4
2011	83	98.6	99.8	99.3	99.5	98.9	97.0	98.6
2012	65	98.9	100.0	99.6	99.6	99.0	97.2	98.4
2013	104	98.5	99.8	99.1	99.4	98.7	97.8	98.0
2014	57	98.6	99.8	99.3	99.0	99.5	98.0	98.1
2015	29	99.3	100.4	99.6	99.5	99.7	98.8	98.7
2016	35	100.5	101.3	100.3	99.8	101.1	99.9	99.3
2017	18	100.5	100.3	100.8	100.1	100.8	101.1	98.3
2018	16	100.4	100.7	100.9	99.0	101.2	101.1	98.9

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1989	24	95.8	99.9	95.8	99.9	94.0	99.5
1990	26	95.7	100.0	95.7	100.0	94.1	99.1
1991	64	96.8	99.8	96.8	99.8	96.7	97.8
1992	54	95.8	100.3	95.8	100.3	94.8	98.6
1993	63	95.7	100.5	95.7	100.5	94.8	99.1
1994	85	96.0	100.8	96.0	100.8	95.7	99.0
1995	109	96.0	100.8	96.0	100.8	95.7	98.9
1996	81	96.4	101.0	96.4	101.0	95.8	99.5
1997	105	96.8	100.4	96.8	100.4	95.8	99.2
1998	111	96.5	100.7	96.5	100.7	95.4	99.0
1999	113	97.1	100.9	97.1	100.9	95.8	99.4
2000	87	97.4	100.3	97.4	100.3	95.9	100.3
2001	113	97.7	100.6	97.7	100.6	96.1	100.8
2002	61	97.9	100.3	97.9	100.3	96.0	100.5
2003	85	97.8	98.8	97.8	98.8	96.1	99.4
2004	84	97.0	98.4	97.0	98.4	96.1	98.6
2005	91	97.5	98.5	97.5	98.5	96.7	98.6
2006	67	97.6	98.7	97.6	98.7	96.3	99.4
2007	68	97.9	97.4	97.9	97.4	97.1	98.2
2008	75	98.6	97.7	98.6	97.7	97.5	98.6
2009	65	98.6	98.2	98.6	98.2	97.6	98.8
2010	46	98.2	98.6	98.2	98.6	97.5	99.0
2011	38	98.9	98.5	98.9	98.5	98.4	99.0
2012	30	98.9	98.5	98.9	98.5	98.3	99.1
2013	30	100.9	98.8	100.9	98.8	100.1	99.5
2014	21	101.4	98.9	101.4	98.9	100.4	99.8
2015	17	102.5	98.8	102.5	98.8	102.1	99.9
2016	10	101.5	101.0	101.5	101.0	101.3	101.2
2017	11	100.1	100.4	100.1	100.4	100.2	100.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	10	96.8	103.4	102.7	90.0	88.3	88.0
1986	26	95.5	104.1	104.8	96.4	100.0	101.5
1987	73	96.8	103.4	103.4	97.3	100.4	101.5
1988	133	97.1	103.8	103.1	96.6	99.1	101.0
1989	171	97.0	103.9	103.0	96.8	99.6	101.1
1990	319	97.2	104.1	102.7	96.7	99.8	100.2
1991	536	96.1	102.5	103.9	95.3	100.3	101.1
1992	687	95.6	103.2	104.5	95.7	100.1	100.5
1993	718	95.9	103.1	104.3	97.6	100.2	99.2
1994	849	95.2	103.4	105.0	98.2	99.7	99.4
1995	917	95.8	103.6	104.4	99.3	99.5	98.2
1996	876	96.2	103.7	104.1	98.7	99.4	98.1
1997	783	95.9	103.5	104.6	98.6	100.0	98.7
1998	753	95.9	104.0	104.7	97.8	100.3	99.0
1999	678	96.4	102.6	104.3	98.7	100.3	98.3
2000	486	96.7	102.0	103.7	98.8	99.5	98.0
2001	494	96.1	101.6	104.5	99.6	98.9	98.0
2002	373	95.4	101.8	105.1	98.8	98.7	97.9
2003	349	95.9	102.8	104.8	97.7	100.0	98.0
2004	318	95.6	103.9	105.0	98.1	101.7	99.3
2005	317	95.9	103.6	104.9	97.8	101.2	99.0
2006	275	95.8	103.6	105.1	98.7	102.2	99.7
2007	299	97.1	104.2	103.7	96.5	103.4	100.1
2008	286	97.4	103.9	103.4	96.6	103.2	100.0
2009	284	97.3	103.6	103.6	96.8	103.0	100.1
2010	160	96.6	103.4	104.2	97.5	102.2	99.4
2011	150	97.0	102.7	104.0	98.0	101.9	99.1
2012	114	97.3	103.1	103.6	97.2	100.6	97.7
2013	163	96.0	102.7	105.6	98.1	100.0	98.2
2014	92	96.4	102.0	105.0	99.9	99.6	98.0
2015	63	96.7	101.7	104.0	99.7	100.1	98.5
2016	61	98.9	101.1	101.7	100.9	99.8	98.3
2017	51	98.3	101.0	102.3	100.8	99.5	98.1
2018	32	97.4	101.6	103.3	101.7	100.5	98.2
2019	12	98.5	99.8	101.5	102.4	98.4	97.8

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	111.8	95.6	104.4	109.2	97.4	105.4	98.7	110.3	98.8	104.8
1987	30	106.2	111.7	95.6	104.2	109.5	97.3	105.5	97.8	110.6	98.3	105.1
1988	59	107.8	113.2	95.1	105.4	111.5	97.2	106.7	97.7	112.0	98.5	106.5
1989	85	106.5	111.9	96.0	104.1	109.8	97.4	105.7	97.7	110.6	98.5	105.0
1990	134	106.7	112.1	95.6	104.4	110.0	97.4	105.6	98.4	110.9	98.5	105.3
1991	269	105.1	109.2	96.6	102.7	107.8	96.9	104.3	98.1	108.9	97.9	103.7
1992	362	105.2	109.0	96.3	102.8	107.8	97.0	104.5	98.3	108.8	97.7	104.0

1993	442	105.9	109.0	96.7	103.4	108.1	97.0	105.2	98.4	108.7	98.2	104.7
1994	543	105.8	109.8	96.8	104.2	107.4	97.8	104.9	99.1	108.7	98.3	106.0
1995	711	105.5	109.3	97.6	104.1	106.8	98.6	104.5	99.3	108.2	98.9	105.8
1996	697	105.3	109.3	97.8	104.0	106.7	99.0	104.3	99.0	108.3	99.0	105.7
1997	665	104.7	107.8	98.3	103.3	106.0	98.9	103.8	99.0	107.5	99.0	104.7
1998	712	104.2	106.9	98.1	103.1	105.4	98.5	103.5	99.0	106.8	98.2	104.3
1999	714	103.9	106.8	98.0	103.0	105.1	98.6	103.2	98.9	106.4	98.3	104.1
2000	621	103.8	105.7	98.4	102.4	104.9	98.8	102.9	99.6	106.0	98.6	103.3
2001	714	103.8	105.1	99.9	102.6	105.0	99.4	102.9	99.7	105.6	99.9	102.9
2002	582	103.7	104.6	100.5	102.5	104.8	99.5	103.1	99.4	105.0	100.3	102.6
2003	623	103.6	104.6	100.0	102.5	104.3	99.4	102.6	100.4	104.7	99.8	102.4
2004	562	103.4	103.8	99.8	102.2	103.7	99.1	102.1	101.3	104.3	98.9	102.5
2005	562	103.5	102.9	100.6	101.7	103.6	98.7	102.2	101.4	104.0	98.8	102.6
2006	483	103.4	103.1	100.4	102.0	103.2	98.8	102.1	101.6	103.9	98.9	102.7
2007	529	102.7	103.6	100.0	101.9	102.5	99.2	101.1	102.0	103.7	99.1	101.9
2008	434	102.4	103.3	100.0	101.4	102.5	99.3	101.0	101.6	103.5	99.5	101.4
2009	381	102.3	103.5	99.9	101.6	102.4	99.5	101.0	101.3	103.7	99.6	101.5
2010	196	102.4	102.9	99.8	101.1	102.7	99.1	101.4	100.9	103.4	99.5	101.1
2011	174	101.9	102.6	99.7	100.9	102.1	99.3	101.0	100.6	102.9	99.4	100.8
2012	126	101.6	102.2	100.0	100.8	101.7	99.8	100.9	100.4	102.7	100.1	100.4
2013	234	101.6	101.6	100.6	100.4	101.9	99.8	100.8	100.5	102.7	100.0	100.6
2014	99	101.9	101.1	101.0	100.2	102.2	99.3	101.3	100.2	102.5	100.2	100.1
2015	57	102.0	101.4	100.8	100.9	102.1	99.3	101.8	99.6	102.4	100.5	100.6
2016	54	102.1	101.8	100.4	100.6	102.6	99.1	102.1	99.2	102.7	100.1	100.6
2017	27	102.5	102.9	99.4	101.9	102.6	99.0	102.4	98.9	103.1	99.8	101.5
2018	18	103.0	102.6	98.9	102.4	102.6	98.4	103.3	98.8	102.4	100.2	101.1

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1989	13	97.8	98.9	99.5
1990	17	98.1	99.3	98.9
1991	34	99.0	99.6	99.6
1992	21	97.7	98.7	99.8
1993	31	97.5	98.9	99.1
1994	43	98.5	99.5	99.3
1995	43	98.6	99.5	99.3
1996	39	98.6	99.8	98.9
1997	63	98.1	99.4	98.3
1998	70	97.7	98.9	98.8
1999	73	98.2	99.3	99.2
2000	65	98.1	99.3	99.1
2001	82	98.5	99.4	99.3
2002	47	98.8	99.4	99.5
2003	69	99.4	100.1	99.0
2004	60	99.0	99.7	99.3
2005	64	100.1	100.3	99.8
2006	50	100.1	100.4	99.8
2007	45	100.0	100.0	99.5
2008	55	100.2	100.4	100.1
2009	42	99.6	99.7	99.5
2010	30	99.9	99.7	99.9
2011	30	100.5	100.9	99.3

2012	22	100.9	101.0	99.8
2013	15	100.8	100.5	99.9
2014	13	101.4	100.8	100.0
2015	12	101.0	101.0	100.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	959	-3261.1	-12803.9	-562.1	-464.7
2002	742	-3271.5	-12712.3	-568.3	-464.3
2003	699	-3082.9	-12262.8	-527.2	-440.9
2004	644	-3027.6	-12034.5	-514.0	-434.8
2005	631	-2744.6	-10726.5	-471.1	-392.2
2006	528	-2589.9	-10096.3	-445.5	-369.7
2007	542	-2196.8	-9040.4	-368.7	-316.6
2008	433	-1953.3	-8121.1	-327.1	-281.7
2009	376	-1817.7	-7358.6	-306.3	-261.8
2010	201	-1802.8	-7247.9	-309.8	-256.7
2011	181	-1694.9	-6903.8	-288.9	-242.3
2012	134	-1569.6	-6306.4	-269.7	-223.5
2013	232	-1317.5	-5110.9	-235.4	-183.6
2014	115	-1268.1	-4947.7	-226.1	-176.9
2015	72	-1182.7	-4741.1	-212.5	-163.7
2016	81	-684.1	-2681.5	-128.9	-91.8
2017	59	-437.7	-1431.0	-86.8	-57.4
2018	41	-38.5	68.1	-18.1	-0.3
2019	11	83.7	387.1	14.5	11.6

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

Jaar	Aantal	Eff	Int	Gewen
1989	21	96.6	89.9	102.6
1990	18	96.5	89.6	102.9
1991	43	95.4	90.8	103.3
1992	46	96.6	90.0	102.7
1993	60	96.8	90.0	102.8
1994	84	96.7	84.6	103.2
1995	107	96.8	84.8	103.0
1996	70	97.1	85.2	103.2
1997	91	97.2	86.4	103.3
1998	93	97.1	86.7	102.6
1999	85	96.7	87.2	103.0
2000	66	97.2	88.2	102.0
2001	77	97.3	87.6	101.8
2002	40	97.8	88.7	101.4
2003	65	97.4	90.3	101.7
2004	67	97.4	90.8	102.1
2005	60	98.2	91.2	101.8

2006	52	98.5	91.3	101.4
2007	60	98.5	93.6	101.6
2008	47	97.8	94.7	101.5
2009	48	98.0	99.0	100.1
2010	42	97.7	96.1	100.6
2011	27	97.7	96.9	100.8
2012	26	98.8	98.1	100.1
2013	32	100.0	97.3	100.0
2014	25	100.5	97.8	100.2
2015	15	100.2	99.6	99.8
2016	12	100.7	103.0	99.4

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	96.7	96.2	2	-4.4	100.5	0	0.0
1985	20	97.3	95.8	20	-5.1	79.2	0	0.0
1986	46	97.1	95.9	46	-5.1	82.7	0	0.0
1987	145	97.1	95.7	145	-5.0	71.1	0	0.0
1988	277	96.9	95.7	277	-4.9	69.6	0	0.0
1989	434	97.2	96.3	434	-4.8	72.7	0	0.0
1990	659	96.8	96.2	660	-4.8	69.9	0	0.0
1991	1088	96.6	96.2	1090	-4.4	70.5	0	0.0
1992	1462	97.0	96.1	1462	-4.3	66.6	0	0.0
1993	1615	96.8	96.1	1616	-4.1	59.7	0	0.0
1994	2110	96.9	96.7	2111	-3.5	45.1	0	0.0
1995	2324	97.1	96.9	2325	-3.4	42.1	0	0.0
1996	2112	97.2	96.6	2113	-3.2	38.4	0	0.0
1997	1720	97.6	96.4	1720	-3.0	35.5	0	0.0
1998	1688	97.1	96.1	1688	-2.9	35.4	0	0.0
1999	1398	97.5	96.3	1398	-2.9	36.5	0	0.0
2000	1011	98.2	97.0	1011	-2.6	35.6	0	0.0
2001	959	99.1	96.9	959	-2.4	30.8	444	98.0
2002	741	99.4	96.5	743	-2.2	27.9	369	98.3
2003	701	99.9	97.2	701	-1.8	18.8	357	99.3
2004	645	99.7	97.3	645	-1.4	12.7	307	99.5
2005	629	100.4	97.5	631	-1.1	9.3	286	99.9
2006	528	101.0	98.5	529	-0.9	0.2	243	100.7
2007	543	101.5	99.7	543	-0.7	-3.2	257	101.1
2008	432	101.6	100.0	432	-0.7	0.2	229	100.7
2009	370	101.6	99.9	376	-0.6	-0.2	201	100.7
2010	199	101.0	98.8	201	-0.7	0.0	101	100.6
2011	173	101.0	99.0	181	-0.6	-0.1	93	101.1
2012	130	101.3	98.6	133	-0.7	2.0	67	100.3
2013	222	101.5	98.1	232	-0.5	-0.8	109	100.3
2014	110	101.8	98.3	118	-0.6	0.9	61	100.3
2015	70	100.8	98.4	75	-0.4	-6.5	32	100.8
2016	78	101.4	98.0	83	-0.2	-5.6	40	100.9
2017	57	102.4	98.0	60	0.2	-18.0	20	102.3
2018	36	103.5	98.9	41	0.7	-28.0	18	103.2
2019	11	103.5	99.4	13	0.7	-31.6	3	104.3

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	17	99.8	0	0.0	0	0.0	17	96.4
1988	26	100.0	0	0.0	0	0.0	26	97.7
1989	43	99.9	0	0.0	0	0.0	43	97.1
1990	62	99.9	2	99.0	2	97.5	62	97.0
1991	131	98.6	10	96.8	9	99.1	131	95.6
1992	171	99.0	1	96.0	1	99.0	171	95.6
1993	184	99.3	2	97.0	2	100.0	184	95.5
1994	244	99.1	10	99.2	10	96.8	244	95.4
1995	329	99.5	7	101.3	7	97.3	329	95.6
1996	277	99.5	6	101.3	6	97.5	277	95.7
1997	284	99.2	10	98.2	10	98.6	284	95.3
1998	300	99.0	7	99.6	7	97.1	300	94.4
1999	300	99.2	7	100.0	7	99.4	300	95.0
2000	248	99.8	5	102.0	5	99.2	248	95.9
2001	271	100.0	5	100.0	5	98.4	271	96.3
2002	222	100.6	2	103.5	2	99.0	222	96.5
2003	258	100.0	5	97.8	5	101.0	258	96.6
2004	271	99.0	5	97.6	5	98.2	271	95.9
2005	289	98.3	1	99.0	1	102.0	289	95.4
2006	251	98.2	1	100.0	1	102.0	251	95.6
2007	338	98.1	1	95.0	1	102.0	338	96.1
2008	299	98.5	1	101.0	1	106.0	299	97.0
2009	293	98.5	0	0.0	0	0.0	293	96.8
2010	193	98.9	3	100.3	3	98.3	193	97.1
2011	170	99.1	0	0.0	0	0.0	170	98.0
2012	127	99.2	2	100.0	2	101.0	127	98.2
2013	218	99.2	0	0.0	0	0.0	218	97.6
2014	105	99.5	0	0.0	0	0.0	105	98.1
2015	67	99.7	0	0.0	0	0.0	67	99.4
2016	77	99.6	0	0.0	0	0.0	77	100.4
2017	51	99.6	0	0.0	0	0.0	51	100.6
2018	35	100.1	0	0.0	0	0.0	35	101.6
2019	11	100.2	0	0.0	0	0.0	11	101.8

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1991	16	101.8	102.0	102.4	100.7	100.2	100.2
1994	17	100.9	100.6	102.8	99.8	99.2	100.6
1995	18	101.2	101.0	102.8	99.7	99.8	100.8
1996	14	100.6	100.5	102.6	99.4	98.9	100.3
1997	16	99.3	99.1	100.2	98.9	98.9	98.9
1998	21	99.5	98.8	101.1	98.5	99.2	99.3
1999	21	100.2	99.6	101.8	99.2	99.2	99.8
2000	16	98.8	98.9	100.1	98.0	97.8	98.9
2001	15	100.0	99.7	101.5	98.6	99.8	99.4

2002	10	99.1	98.3	100.7	98.0	99.8	99.3
2003	17	100.1	100.7	100.5	98.6	99.2	100.3
2004	14	100.6	100.6	101.5	99.0	100.1	100.4
2005	12	99.4	100.0	99.3	98.6	100.0	99.2
2010	14	100.2	100.1	100.9	98.6	101.5	99.7
2011	10	99.9	100.2	100.3	98.8	99.7	99.6
2012	11	100.1	101.0	100.0	99.0	99.9	100.3

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-1427.5	-57.1	-61.4	-71.8	12.4	-17.2	-12.2	-393.2
1981	25	-1308.1	-46.6	-59.1	-66.5	22.5	-21.2	-12.3	-360.1
1982	41	-1275.7	-47.5	-58.2	-65.0	18.9	-21.1	-12.1	-357.7
1983	79	-1339.8	-52.7	-60.7	-67.8	14.4	-21.8	-12.2	-380.1
1984	131	-1443.0	-58.1	-63.4	-72.6	12.6	-20.0	-12.5	-403.9
1985	179	-1376.8	-52.6	-61.1	-69.6	17.6	-19.9	-12.3	-381.9
1986	348	-1240.3	-51.2	-57.5	-63.3	8.9	-21.8	-12.1	-362.3
1987	623	-1238.9	-49.7	-57.6	-63.2	11.5	-22.2	-12.1	-359.5
1988	715	-1217.9	-49.4	-56.5	-62.3	10.1	-21.6	-12.0	-354.1
1989	675	-1226.7	-46.8	-55.9	-62.7	16.5	-19.6	-12.2	-346.4
1990	749	-1275.5	-46.8	-56.4	-64.9	21.1	-17.1	-12.2	-348.9
1991	625	-1138.4	-42.2	-50.7	-58.7	17.4	-15.8	-11.9	-314.1
1992	488	-1022.0	-39.7	-47.8	-53.4	12.2	-18.0	-11.8	-295.6
1993	602	-778.7	-33.6	-39.9	-42.2	3.2	-19.3	-11.4	-247.0
1994	719	-639.5	-26.4	-33.8	-35.9	4.6	-17.1	-11.2	-204.6
1995	433	-561.2	-21.9	-30.2	-32.3	6.2	-15.7	-11.0	-179.6
1996	271	-497.4	-20.8	-29.8	-29.4	3.4	-18.7	-11.0	-174.8
1997	129	-363.7	-15.6	-24.8	-23.3	1.7	-18.1	-10.8	-141.4
1998	54	-335.0	-11.3	-22.8	-22.0	6.3	-16.9	-10.8	-123.9
1999	59	-320.0	-11.6	-20.0	-21.3	4.8	-12.6	-10.9	-112.8
2000	33	-328.3	-11.8	-20.0	-21.3	6.0	-12.3	-10.2	-113.1
2001	27	126.9	4.2	-3.1	0.5	-0.9	-11.5	-7.7	-3.7
2002	34	55.7	-2.1	-8.5	-1.5	-5.3	-15.7	-6.0	-39.8
2003	31	87.6	3.5	-6.1	2.5	1.5	-13.7	-2.0	-17.1
2004	33	43.8	3.5	-7.4	-0.1	3.2	-13.3	-3.4	-22.9
2005	29	508.5	23.9	8.6	20.1	3.2	-13.9	-4.6	91.5
2006	20	671.2	18.8	10.7	26.1	-14.2	-18.8	-6.7	90.9
2007	26	387.4	22.3	7.9	12.9	8.3	-8.5	-7.5	83.0
2008	26	106.5	11.8	-0.3	3.0	11.4	-6.2	-2.6	24.5
2009	18	333.7	16.0	5.4	10.9	2.6	-9.8	-6.6	58.9
2010	11	352.6	8.3	0.1	11.0	-9.1	-17.9	-7.8	21.1
2011	12	450.5	24.0	11.3	15.5	6.9	-7.3	-8.0	101.6
2013	16	701.7	23.9	17.0	26.0	-9.6	-11.8	-8.8	127.6
2014	25	486.9	17.0	10.6	17.4	-5.8	-10.2	-7.5	84.5
2015	15	508.9	18.7	8.5	16.3	-3.8	-13.5	-10.6	79.0

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	15	94.5	92.7	95.5	97.1	99.9	93.0	97.5
1982	29	96.7	92.1	97.1	98.7	98.8	92.3	99.0
1983	40	96.4	92.1	96.5	98.4	98.3	93.7	98.3
1984	64	94.9	93.4	96.7	97.5	99.9	94.0	98.4
1985	86	95.5	92.4	96.7	98.2	98.8	93.7	97.2
1986	164	95.8	91.7	97.5	99.6	97.6	92.5	97.0
1987	301	96.3	92.7	98.3	99.9	98.0	92.8	97.4
1988	368	96.4	92.2	98.0	99.8	97.9	93.2	97.4
1989	387	96.7	92.4	98.0	100.0	97.7	93.1	97.4
1990	446	97.1	92.2	98.0	99.9	97.6	93.4	98.1
1991	355	97.1	91.8	98.0	100.2	96.9	93.4	97.7
1992	266	97.8	92.3	98.9	100.9	97.0	92.8	98.4
1993	325	99.0	92.8	99.9	102.0	96.5	92.5	99.3
1994	367	99.7	93.0	101.1	103.3	96.0	92.0	99.8
1995	207	99.5	93.6	101.5	103.4	96.4	92.1	99.5
1996	120	100.2	93.7	102.2	104.0	96.1	94.1	99.0
1997	58	99.7	93.9	101.9	103.7	96.4	94.4	98.2
1998	25	99.6	94.3	102.2	103.8	96.6	94.1	98.2
1999	27	100.6	94.3	102.3	104.0	95.3	93.9	98.5
2000	12	101.4	95.8	102.8	104.3	96.6	92.4	98.3
2001	14	101.2	94.6	101.4	103.4	95.8	92.8	99.0
2002	18	101.1	96.4	101.9	103.3	97.6	96.1	99.8
2003	10	103.1	94.8	104.8	106.8	94.4	94.8	97.9
2004	14	102.1	96.6	102.9	103.9	96.4	95.9	98.6
2005	18	103.2	96.5	103.9	105.7	95.7	95.9	99.1
2006	15	103.0	94.7	103.1	105.4	94.8	95.6	97.0
2014	10	102.7	96.3	103.2	105.2	95.1	96.3	99.2

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1981	15	93.1	98.7	99.6	90.9	91.0
1982	29	93.5	99.7	98.9	91.6	91.8
1983	40	93.6	99.7	98.4	91.8	92.4
1984	64	95.0	99.4	98.5	92.8	94.0
1985	86	94.4	99.1	98.5	92.4	93.3
1986	164	94.2	101.3	97.3	92.3	93.2
1987	301	95.0	101.0	96.9	92.4	94.2
1988	368	95.4	100.8	97.1	92.4	94.7
1989	387	95.6	100.8	97.3	92.6	95.0
1990	446	95.7	100.5	97.9	92.7	94.9
1991	355	95.0	101.5	97.3	92.3	94.0
1992	266	95.2	101.2	97.4	92.2	94.2
1993	325	95.1	103.1	96.6	93.3	94.5
1994	367	94.5	104.6	95.8	93.4	94.0
1995	207	94.2	104.3	95.3	92.8	93.9
1996	120	95.5	102.3	96.4	92.7	95.3
1997	58	94.9	102.6	95.5	92.4	94.9
1998	25	95.1	104.4	94.3	92.4	95.2
1999	27	96.1	101.9	96.8	92.9	96.1

2000	12	96.3	103.2	96.9	94.2	96.8
2001	14	95.9	103.1	96.1	93.1	95.9
2002	18	98.3	101.3	98.5	95.0	97.8
2003	10	97.1	103.5	96.8	94.9	97.9
2004	14	97.7	101.8	98.3	95.2	98.1
2005	18	97.1	102.8	96.3	95.5	98.1
2006	15	98.1	101.7	98.1	89.1	98.9
2014	10	98.4	102.1	98.7	96.8	100.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1981	15	97.4	95.8	101.1	99.9	98.7	97.5	95.1
1982	29	99.2	96.4	99.6	101.7	99.8	97.5	95.0
1983	40	99.2	96.0	99.2	101.1	99.4	98.3	95.3
1984	64	99.1	95.2	102.1	99.8	98.1	97.6	94.7
1985	86	99.6	95.8	101.8	100.3	99.5	98.9	95.6
1986	164	100.2	96.4	100.4	99.9	99.6	98.5	95.6
1987	301	100.1	96.7	101.6	99.9	100.1	98.7	95.9
1988	368	99.9	96.7	101.8	100.2	100.0	98.7	95.8
1989	387	99.6	96.9	101.7	100.2	99.8	98.5	95.7
1990	446	99.6	97.0	100.8	100.5	99.4	97.8	95.1
1991	355	99.9	96.5	100.4	100.3	99.6	97.7	94.9
1992	266	100.4	97.0	99.9	100.7	100.1	98.2	95.6
1993	325	101.0	98.1	99.4	100.9	99.4	98.7	96.5
1994	367	101.3	98.8	98.5	100.6	98.9	99.3	97.0
1995	207	101.3	99.3	99.2	100.3	99.3	99.7	97.5
1996	120	100.3	100.8	98.9	98.8	99.6	99.7	98.6
1997	58	100.8	99.9	99.1	99.8	100.6	100.2	98.4
1998	25	100.6	100.8	99.2	99.2	101.6	101.3	99.4
1999	27	100.8	99.3	99.8	100.3	102.1	100.6	98.4
2000	12	101.9	100.8	101.2	100.6	102.5	101.9	100.2
2001	14	100.4	99.7	100.0	101.1	102.3	101.7	99.0
2002	18	101.2	99.4	99.8	101.4	102.6	101.2	98.8
2003	10	103.2	102.6	97.4	102.3	104.7	103.4	102.1
2004	14	101.9	102.6	98.1	102.6	103.6	102.9	101.3
2005	18	102.2	102.7	98.1	102.1	103.8	103.2	101.6
2006	15	102.2	102.7	100.1	101.5	106.1	103.3	101.3
2014	10	102.2	104.1	99.4	102.0	105.3	104.5	103.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	15	91.0	96.4	98.8	90.7	95.2	91.3
1982	29	91.8	97.2	100.4	91.6	94.3	93.0
1983	40	92.0	96.4	100.2	91.9	94.3	92.9
1984	64	92.6	97.2	99.2	93.3	96.8	93.4
1985	86	91.5	96.4	100.2	92.4	94.9	93.0

1986	164	90.9	96.4	100.3	92.2	93.5	92.8
1987	301	91.9	97.4	100.4	93.3	94.2	93.9
1988	368	91.7	97.0	100.4	94.0	94.4	94.1
1989	387	91.8	97.0	100.2	94.2	94.2	94.1
1990	446	92.2	97.1	100.2	94.3	94.5	94.3
1991	355	91.9	96.5	100.2	93.3	93.2	93.6
1992	266	92.4	97.3	100.7	93.6	93.2	94.3
1993	325	93.2	98.1	100.9	93.5	92.6	94.7
1994	367	93.7	98.8	100.7	92.8	92.2	94.5
1995	207	93.9	99.2	100.8	92.6	92.8	94.6
1996	120	94.9	99.3	99.8	94.3	93.6	95.3
1997	58	94.6	99.2	100.9	93.6	93.9	95.4
1998	25	94.8	99.5	101.0	93.8	93.5	95.6
1999	27	94.9	98.7	101.7	95.3	94.2	96.6
2000	12	94.5	100.0	102.4	95.8	94.4	97.6
2001	14	94.5	98.8	102.1	94.8	94.2	96.6
2002	18	97.2	100.4	102.4	97.2	96.4	98.9
2003	10	95.6	99.7	104.4	96.8	93.7	99.4
2004	14	96.5	99.6	103.7	97.1	95.8	99.4
2005	18	97.2	100.4	103.5	96.8	95.5	99.4
2006	15	95.1	98.9	104.3	98.0	93.7	99.6
2014	10	97.5	100.0	104.0	99.4	94.6	101.1

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	43	101.1	102.5	101.0	101.3	100.3	100.1	93.1	101.5
1981	69	102.0	99.9	100.0	99.2	100.1	100.4	93.2	100.0
1982	86	101.1	99.9	99.4	98.8	99.6	100.2	94.2	99.5
1983	127	101.2	100.5	99.9	99.7	99.9	100.5	93.4	100.1
1984	201	101.4	101.0	100.4	100.4	100.3	100.3	93.5	100.7
1985	258	101.2	101.0	100.4	100.4	100.2	100.6	93.7	100.6
1986	427	101.0	100.6	100.2	100.1	100.1	100.7	94.6	100.4
1987	695	101.7	100.2	100.2	99.8	100.4	101.4	95.1	100.2
1988	763	101.6	100.4	100.2	99.9	100.5	101.6	94.9	100.3
1989	722	101.1	100.2	99.8	99.5	99.9	101.1	94.6	99.9
1990	788	101.1	100.8	100.3	100.2	100.5	101.8	95.1	100.5
1991	676	100.9	100.3	100.0	99.8	100.2	101.6	96.0	100.1
1992	528	100.6	100.1	99.7	99.3	99.8	101.5	96.8	99.8
1993	647	100.3	99.9	99.3	98.9	99.6	101.8	97.2	99.4
1994	786	100.2	99.4	98.9	98.4	99.4	102.1	97.4	99.0
1995	481	99.9	99.1	98.5	98.0	99.0	101.7	97.8	98.5
1996	299	100.1	98.6	98.5	97.6	98.9	101.1	98.5	98.4
1997	154	99.7	98.2	98.2	97.2	98.7	101.4	98.5	97.9
1998	56	99.1	98.8	98.3	97.5	98.6	101.6	98.9	98.2
1999	62	99.5	98.0	98.0	97.1	98.6	101.5	98.9	97.8
2000	34	98.9	98.4	97.8	97.4	98.1	100.6	99.0	97.8
2001	28	99.4	97.9	98.1	97.2	98.6	100.9	99.5	97.8
2002	35	99.4	97.7	98.0	96.9	98.6	100.9	99.8	97.7
2003	32	96.4	99.0	97.1	96.7	96.8	99.8	102.2	97.3
2004	35	96.7	99.3	97.3	97.0	97.0	99.3	102.6	97.8
2005	33	97.9	97.3	97.2	95.9	97.5	100.4	101.8	96.9
2006	22	97.5	97.2	96.7	95.7	97.0	99.7	102.9	96.6

2007	27	95.6	97.8	95.8	95.0	95.9	100.3	104.6	96.0
2008	36	97.1	98.8	97.4	96.8	97.4	100.4	102.8	97.7
2009	35	96.9	98.5	97.2	96.5	97.4	100.7	103.9	97.3
2010	16	97.4	98.8	98.1	97.2	98.1	101.2	104.5	97.9
2011	12	97.5	99.2	97.9	97.6	98.3	99.7	103.2	98.1
2012	10	97.7	98.2	97.9	97.0	98.0	100.2	103.3	97.8
2013	23	98.4	96.3	96.9	95.5	97.8	100.6	102.6	96.3
2014	30	98.6	97.2	98.3	96.7	98.5	99.5	103.9	97.7
2015	28	100.5	98.4	100.3	98.6	100.6	102.4	104.6	99.8
2016	21	98.2	97.5	97.9	96.7	98.1	100.0	102.7	97.6
2017	15	98.3	99.5	99.5	98.9	99.2	101.1	104.4	99.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	15	99.8	85.9	95.6	102.9	102.9
1982	27	100.2	99.3	95.9	103.1	102.7
1983	38	99.5	95.6	94.7	101.9	101.9
1984	62	98.3	92.2	94.5	101.8	102.4
1985	83	98.9	88.7	94.4	101.9	102.1
1986	159	98.3	94.1	93.8	100.9	101.3
1987	302	98.7	96.4	93.7	100.9	100.9
1988	352	98.6	95.1	93.8	100.9	101.0
1989	355	97.8	95.9	93.8	100.7	101.1
1990	412	98.4	95.4	93.5	100.1	100.3
1991	322	98.8	96.7	93.7	100.6	100.5
1992	262	99.0	97.0	94.1	100.9	100.8
1993	306	100.5	97.1	94.1	100.9	100.2
1994	358	101.7	97.5	94.3	101.2	99.8
1995	204	100.8	98.0	94.3	101.0	99.9
1996	124	101.0	98.1	93.1	99.7	99.5
1997	56	100.0	98.9	93.8	100.0	99.7
1998	26	99.8	98.0	94.1	100.5	99.9
1999	27	98.5	96.6	93.7	99.8	99.1
2000	13	99.2	97.3	95.2	101.1	100.4
2001	14	98.7	96.6	93.5	99.9	98.8
2002	19	100.0	98.9	94.5	99.9	99.3
2004	14	99.6	97.5	94.1	99.6	98.8
2005	18	99.9	98.9	95.3	99.9	99.0
2006	15	99.5	99.8	95.8	101.0	100.0

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	13	-178.8	-393.2	-123.3	103.8	101.5	97.3	91.3	98.1	0.0
1981	25	-171.9	-360.1	-91.2	103.2	100.0	98.8	90.7	97.5	130.0
1982	41	-154.1	-357.7	6.6	103.1	99.5	100.4	91.6	97.4	67.5
1983	79	-170.8	-380.1	-83.9	102.0	100.1	100.2	91.9	97.7	0.0

1984	131	-166.1	-403.9	-98.0	102.4	100.7	99.2	93.3	98.1	0.0
1985	179	-166.0	-381.9	-131.3	102.2	100.6	100.2	92.4	98.5	86.3
1986	348	-167.5	-362.3	-126.5	101.2	100.4	100.3	92.2	98.4	84.3
1987	623	-165.2	-359.5	-151.8	101.0	100.2	100.4	93.3	98.0	74.5
1988	715	-156.2	-354.1	-138.2	101.1	100.3	100.4	94.0	98.0	73.9
1989	675	-159.0	-346.4	-143.6	101.1	99.9	100.2	94.2	97.7	74.2
1990	749	-155.6	-348.9	-105.8	100.3	100.5	100.2	94.3	97.8	72.7
1991	625	-154.3	-314.1	-107.9	100.6	100.1	100.2	93.3	97.7	73.6
1992	488	-145.3	-295.6	-100.1	100.9	99.8	100.7	93.6	98.0	66.9
1993	602	-125.0	-247.0	-109.0	100.6	99.4	100.9	93.5	98.3	55.0
1994	719	-114.2	-204.6	-95.8	100.5	99.0	100.7	92.8	98.6	49.1
1995	433	-109.9	-179.6	-99.8	100.4	98.5	100.8	92.6	98.6	43.6
1996	271	-108.9	-174.8	-82.4	99.5	98.4	99.8	94.3	99.0	44.7
1997	129	-105.0	-141.4	-122.1	99.8	97.9	100.9	93.6	98.8	44.1
1998	54	-95.7	-123.9	-122.4	100.2	98.2	101.0	93.8	98.7	39.0
1999	59	-95.5	-112.8	-126.0	99.4	97.8	101.7	95.3	99.0	41.3
2000	33	-85.2	-113.1	-173.3	100.8	97.8	102.4	95.8	99.2	32.5
2001	27	-48.5	-3.7	-30.9	99.2	97.8	102.1	94.8	98.4	32.0
2002	34	-52.9	-39.8	-51.2	99.6	97.7	102.4	97.2	98.8	29.9
2003	31	-31.1	-17.1	-27.5	99.2	97.3	104.4	96.8	98.5	38.6
2004	33	-34.7	-22.9	-69.3	99.1	97.8	103.7	97.1	97.5	16.1
2005	29	-3.0	91.5	35.3	99.3	96.9	103.5	96.8	97.6	11.4
2006	20	23.6	90.9	117.5	100.5	96.6	104.3	98.0	98.3	24.2
2007	26	12.3	83.0	54.3	99.7	96.0	103.0	99.5	96.2	10.8
2008	26	-23.0	24.5	-41.7	98.5	97.7	103.0	99.2	97.8	20.5
2009	18	5.3	58.9	65.6	99.1	97.3	105.0	99.8	97.6	6.5
2010	11	-2.1	21.1	88.3	99.8	97.9	109.5	100.5	98.8	19.5
2011	12	39.6	101.6	81.0	99.7	98.1	105.2	99.8	99.2	9.8
2013	16	45.9	127.6	121.5	100.0	96.3	105.0	98.6	99.1	6.4
2014	25	28.6	84.5	78.0	99.9	97.7	104.0	99.4	99.3	0.4
2015	15	24.9	79.0	85.8	97.5	99.8	104.7	100.7	99.2	4.6

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1991	20	91.5	92.8	95.9	93.9	94.3	96.8	99.0
1992	16	90.9	93.2	94.9	92.4	95.4	97.3	99.6
1993	39	92.6	96.6	94.6	92.8	95.4	100.5	99.4
1994	70	92.9	96.7	95.0	93.0	95.5	100.9	99.3
1995	58	93.0	96.2	96.0	93.2	95.2	100.4	98.5
1996	34	94.2	96.2	97.5	94.6	95.5	100.6	97.8
1997	18	93.4	95.2	96.6	94.7	95.4	98.4	98.5
1998	10	93.6	96.8	96.4	94.7	95.2	97.4	98.1
2002	14	95.1	97.1	97.1	95.7	97.4	98.8	98.4
2004	10	97.5	98.6	98.6	97.8	98.9	97.8	99.7
2005	14	97.9	99.6	98.3	97.8	98.7	99.9	100.6
2006	14	96.5	97.8	97.5	97.5	97.6	99.3	99.8
2014	11	98.5	99.8	98.5	98.3	100.0	99.6	101.2

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

Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	12	99.3	96.4	99.3	96.4	92.0	96.2
1983	10	99.0	97.4	99.0	97.4	91.8	97.4
1985	13	101.8	96.6	101.8	96.6	93.7	97.8
1986	24	101.0	96.6	101.0	96.6	93.6	97.2
1987	34	100.3	96.8	100.3	96.8	92.9	97.2
1988	31	100.3	97.0	100.3	97.0	93.2	97.6
1989	27	100.7	96.7	100.7	96.7	93.7	97.4
1990	28	99.2	96.9	99.2	96.9	92.1	97.2
1991	40	100.0	97.2	100.0	97.2	93.1	97.2
1992	31	100.3	96.6	100.3	96.6	92.6	96.5
1993	37	100.9	97.0	100.9	97.0	94.1	96.6
1994	48	100.6	97.4	100.6	97.4	93.6	96.5
1995	37	101.3	96.8	101.3	96.8	94.8	96.4
1996	33	101.9	97.5	101.9	97.5	95.0	97.2
1997	26	102.4	96.6	102.4	96.6	95.4	97.2
1998	17	101.9	97.4	101.9	97.4	94.8	97.2
1999	14	101.6	96.8	101.6	96.8	95.1	96.9
2000	15	102.6	97.6	102.6	97.6	95.7	98.3
2001	14	102.7	96.0	102.7	96.0	95.8	97.4
2002	21	101.8	97.1	101.8	97.1	95.5	97.9
2003	10	102.7	96.5	102.7	96.5	94.3	97.2
2004	20	102.5	95.8	102.5	95.8	95.7	97.0
2005	20	102.2	95.8	102.2	95.8	95.5	97.0
2006	15	102.6	96.2	102.6	96.2	95.3	96.9
2007	12	104.0	95.5	104.0	95.5	97.2	96.8
2008	24	102.8	96.3	102.8	96.3	96.2	96.9
2009	23	103.3	95.3	103.3	95.3	96.7	96.7
2014	14	102.7	97.0	102.7	97.0	96.9	97.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1981	18	92.9	104.4	109.9	94.4	92.2	97.3
1982	30	93.6	105.6	109.1	96.7	95.8	98.6
1983	45	94.2	104.0	108.2	96.2	94.2	96.2
1984	82	95.7	102.5	106.5	101.0	96.8	98.8
1985	116	97.0	101.7	104.7	96.3	93.1	94.5
1986	189	96.4	101.8	105.4	100.8	97.6	98.6
1987	311	96.0	102.6	106.0	100.2	98.2	100.4
1988	365	97.0	102.4	104.8	99.6	97.4	99.9
1989	297	96.2	102.9	105.9	99.1	96.8	99.4
1990	367	96.2	103.0	105.7	100.5	98.2	99.4
1991	316	96.1	102.1	105.9	99.9	98.9	100.1
1992	243	95.6	102.8	106.4	100.2	98.7	99.6
1993	283	96.0	102.5	106.0	99.8	97.8	97.7
1994	282	95.8	102.1	106.2	101.3	98.9	98.5
1995	196	95.2	102.6	107.1	102.4	100.0	100.1
1996	104	96.2	102.8	106.2	102.1	99.8	100.2
1997	72	96.3	102.4	106.1	99.5	98.2	98.7

1998	24	96.8	101.7	105.2	101.4	99.1	99.8
1999	30	95.8	102.5	106.7	102.7	98.8	98.7
2000	18	97.0	100.5	105.2	102.7	97.7	98.8
2001	14	96.0	101.3	106.0	102.1	97.9	99.1
2002	24	96.8	101.6	105.0	98.2	94.1	94.8
2003	13	93.6	102.8	108.7	101.0	97.7	98.0
2004	24	96.4	102.5	105.6	101.0	100.0	99.2
2005	22	96.2	102.6	105.6	101.1	101.0	100.1
2006	14	97.0	102.1	105.1	99.3	99.3	100.4
2007	13	96.8	102.1	105.0	99.0	101.1	100.8
2008	24	97.6	101.5	104.2	100.0	100.8	102.2
2009	16	96.9	102.4	105.3	98.9	101.8	101.9
2010	10	98.5	101.8	103.2	100.5	99.7	101.2
2011	10	97.7	101.3	104.4	103.2	98.2	97.2
2013	19	97.5	101.3	104.4	101.2	100.4	100.6
2014	28	97.8	101.1	104.1	101.6	99.3	99.4
2015	27	97.6	99.8	103.7	100.7	98.6	98.9
2016	20	98.4	100.5	103.3	102.0	98.7	97.8
2017	14	98.4	98.9	103.6	103.8	97.6	96.8

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	Gr_st
1982	17	102.3	99.1	99.3	101.9	99.9	99.3	103.1	99.6	100.9	99.2	101.9
1983	27	101.8	97.9	99.1	101.4	99.3	99.0	102.8	99.1	100.1	98.9	101.6
1984	33	102.7	101.2	98.6	102.6	101.9	98.8	103.2	99.4	102.6	98.6	102.8
1985	44	101.9	99.4	97.8	100.9	100.4	97.5	102.9	99.0	101.0	97.7	101.2
1986	90	101.3	98.0	98.8	100.5	99.3	98.3	101.8	99.9	100.3	98.2	100.6
1987	149	101.9	98.1	98.5	100.7	99.8	98.4	102.7	99.6	100.6	98.1	101.5
1988	132	102.0	98.4	98.5	100.8	100.2	98.5	102.7	99.2	101.0	98.3	101.6
1989	131	101.7	97.3	99.1	100.4	99.5	98.3	102.8	98.9	100.0	98.2	101.4
1990	140	101.6	98.5	98.5	101.3	99.5	98.8	102.4	99.4	100.7	98.3	101.8
1991	141	100.8	97.3	98.8	100.2	98.7	98.8	101.6	99.3	100.0	98.3	100.8
1992	128	100.5	96.3	99.0	99.9	98.1	98.5	101.5	99.4	99.3	97.8	100.6
1993	168	101.6	95.1	99.9	100.3	98.2	97.9	102.8	100.0	98.2	98.4	101.3
1994	199	101.9	93.7	100.6	100.4	97.5	97.5	103.4	100.3	97.1	98.4	102.1
1995	138	101.5	93.5	100.9	100.2	96.6	98.0	102.8	100.7	96.8	98.2	102.1
1996	82	101.0	94.7	100.4	100.6	96.5	99.4	101.9	101.0	97.2	98.6	102.2
1997	63	100.5	94.3	100.8	100.0	96.5	99.1	101.4	100.8	97.3	98.4	101.1
1998	30	99.8	93.9	100.9	100.1	95.6	99.0	100.9	100.4	96.7	98.0	101.0
1999	34	99.9	92.8	101.1	99.5	95.5	99.2	101.1	100.6	95.9	98.5	100.2
2000	26	99.8	94.2	100.2	100.8	95.7	99.4	101.0	100.4	96.2	98.5	100.5
2001	21	98.1	92.7	102.2	98.7	95.2	100.3	99.1	100.2	95.8	99.6	98.6
2002	31	98.5	93.3	101.7	99.2	95.3	100.2	99.7	99.6	96.0	99.3	99.1
2003	26	98.2	90.9	102.4	99.0	93.3	100.1	99.5	101.3	94.2	99.6	98.0
2004	29	98.1	92.8	100.5	100.1	93.3	99.7	99.1	101.3	94.7	97.9	99.3
2005	30	97.8	91.0	101.4	99.7	92.5	100.0	99.1	101.2	93.6	98.5	99.3
2006	19	98.3	90.0	102.6	98.3	93.5	99.9	99.6	101.3	93.3	99.8	97.5
2007	23	96.4	90.2	102.0	97.7	91.0	100.6	97.2	102.3	93.3	99.1	96.8
2008	20	98.0	92.5	101.1	99.5	93.3	100.5	98.6	101.5	95.1	98.9	99.2
2009	19	96.4	90.2	102.6	98.3	90.8	100.9	97.6	101.6	92.8	100.2	96.2
2013	18	95.7	91.6	102.2	98.7	91.6	102.0	97.4	99.2	93.9	100.3	97.1
2014	16	96.1	90.4	102.0	98.0	92.1	101.3	97.6	99.6	93.3	99.2	98.1

2015	12	96.2	90.8	101.0	98.2	92.2	101.5	97.4	100.1	93.8	99.5	97.7
2016	10	97.0	89.7	102.1	97.1	93.1	100.0	99.0	99.9	92.6	99.6	97.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	10	98.8	98.8	101.6
1983	10	99.0	99.1	101.5
1986	18	98.3	98.0	102.1
1987	21	97.8	97.7	101.8
1988	16	98.6	97.8	101.8
1989	14	96.9	97.1	101.4
1990	18	97.3	97.6	101.3
1991	27	97.5	97.7	101.6
1992	23	97.6	97.7	101.1
1993	30	97.9	98.1	101.6
1994	28	97.8	98.1	101.4
1995	30	99.3	99.1	101.9
1996	25	98.8	98.6	101.4
1997	27	99.1	98.9	101.3
1998	17	99.0	98.7	101.8
1999	13	98.7	98.5	102.0
2000	14	98.0	98.4	102.0
2001	15	99.7	99.0	101.3
2002	21	99.0	99.0	100.9
2003	10	100.7	99.8	101.1
2004	20	100.0	99.3	101.1
2005	20	100.6	99.8	101.2
2006	15	100.6	99.8	100.7
2007	13	101.2	100.5	101.7
2008	26	99.5	99.1	101.0
2009	23	99.8	99.2	101.7
2014	11	100.7	99.5	99.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	27	-421.9	-1567.9	-51.9	-71.0
2002	34	-657.6	-2322.4	-91.6	-105.6
2003	30	-434.2	-1662.9	-43.3	-78.0
2004	33	-708.1	-2838.0	-90.8	-116.7
2005	30	372.0	1462.1	104.4	32.4
2006	20	894.3	4352.6	170.2	116.3
2007	26	462.7	1534.2	117.4	47.5
2008	26	-355.1	-1878.3	-26.3	-66.6
2009	18	434.8	1631.3	104.2	47.2
2010	12	505.1	2653.0	114.7	55.5
2011	12	730.0	2652.7	157.5	88.4

2013	17	1035.4	4333.4	190.5	140.5
2014	26	600.0	2460.6	120.7	76.3
2015	19	702.5	3146.9	149.3	84.3
2016	10	1756.8	7986.6	307.9	244.1

Tabel: 118 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	13	100.3	98.6	0	0.0	0.0	0	0.0
1981	25	99.1	98.6	1	-2.2	130.0	0	0.0
1982	41	98.6	100.0	2	-2.6	67.5	0	0.0
1983	79	98.3	98.8	0	0.0	0.0	0	0.0
1984	131	97.9	98.0	0	0.0	0.0	0	0.0
1985	179	97.5	98.2	179	-3.8	86.3	0	0.0
1986	348	96.9	97.8	349	-3.6	84.3	0	0.0
1987	623	96.8	97.8	623	-3.4	74.5	0	0.0
1988	715	96.9	97.6	715	-3.4	73.9	0	0.0
1989	675	97.0	98.1	676	-3.3	74.2	0	0.0
1990	749	96.6	97.9	749	-3.3	72.7	0	0.0
1991	625	96.7	98.0	625	-3.1	73.6	0	0.0
1992	488	96.8	97.9	487	-2.9	66.9	0	0.0
1993	602	97.8	98.4	602	-2.4	55.0	0	0.0
1994	719	98.1	98.7	719	-2.0	49.1	0	0.0
1995	433	98.3	98.8	433	-1.8	43.6	0	0.0
1996	271	96.8	98.1	271	-1.7	44.7	0	0.0
1997	129	97.5	98.4	129	-1.5	44.1	0	0.0
1998	54	98.0	98.4	54	-1.3	39.0	0	0.0
1999	59	98.4	98.3	59	-1.3	41.3	0	0.0
2000	33	97.5	98.7	33	-1.2	32.5	0	0.0
2001	27	99.9	98.6	27	-0.5	32.0	14	95.9
2002	34	100.0	99.3	34	-0.6	29.9	18	97.8
2003	31	99.1	98.8	31	-0.6	38.6	10	96.4
2004	33	98.5	99.0	33	-0.3	16.1	14	97.6
2005	29	100.0	99.7	30	0.6	11.4	18	98.1
2006	20	100.9	99.3	20	0.3	24.2	15	95.9
2007	26	101.2	101.3	25	0.5	10.8	2	97.5
2008	26	99.7	100.0	26	-0.1	20.5	6	99.0
2009	18	99.9	99.1	18	0.4	6.5	9	97.2
2010	11	100.5	99.1	12	0.0	19.5	2	98.5
2011	12	99.4	99.1	12	0.6	9.8	4	99.2
2013	16	100.6	101.1	17	0.7	6.4	8	97.1
2014	25	100.7	99.6	27	0.6	0.4	10	97.3
2015	15	100.3	98.9	18	0.5	4.6	9	97.9
2016	0	100.7	98.7	10	0.8	2.6	8	97.9

Tabel: 119 MRIJ - Holstein Friesian roodbont: Stofwisselingsaandoeningen  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
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1982	15	99.7	1	101.0	1	97.0	15	95.1
1983	13	99.4	0	0.0	0	0.0	13	92.8
1984	17	99.8	0	0.0	0	0.0	17	95.1
1985	20	99.5	0	0.0	0	0.0	20	93.3
1986	46	99.5	0	0.0	0	0.0	46	93.6
1987	75	99.6	0	0.0	0	0.0	75	93.8
1988	69	99.7	0	0.0	0	0.0	69	94.2
1989	73	99.5	0	0.0	0	0.0	73	93.6
1990	53	99.6	1	99.0	1	98.0	53	94.2
1991	65	99.3	2	98.5	2	100.0	65	93.1
1992	58	99.3	0	0.0	0	0.0	58	93.2
1993	80	99.4	0	0.0	0	0.0	80	93.0
1994	92	99.3	2	102.0	2	98.0	92	92.5
1995	70	99.2	3	102.0	3	99.7	70	92.1
1996	49	99.5	1	107.0	1	101.0	49	92.2
1997	32	98.9	4	99.8	4	100.0	32	92.2
1998	21	99.3	2	102.0	2	103.5	21	91.7
1999	16	99.2	0	0.0	0	0.0	16	92.8
2000	13	99.1	0	0.0	0	0.0	13	93.0
2001	13	100.1	1	102.0	1	99.0	13	94.7
2002	21	100.2	0	0.0	0	0.0	21	94.9
2003	13	99.8	1	101.0	1	101.0	13	93.6
2004	22	99.0	1	103.0	2	100.0	22	93.5
2005	23	99.2	1	105.0	1	100.0	23	93.3
2006	16	98.7	1	98.0	1	103.0	16	93.4
2007	10	99.2	0	0.0	0	0.0	10	95.5
2008	15	99.1	0	0.0	0	0.0	15	94.1
2009	17	98.9	0	0.0	0	0.0	17	95.3
2011	11	99.7	1	102.0	1	100.0	11	95.4
2013	15	99.7	0	0.0	0	0.0	15	95.6
2014	20	100.2	1	98.0	1	101.0	20	97.7
2015	13	99.6	0	0.0	0	0.0	13	96.8

Tabel: 120 Jersey: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	10	-3408.5	-60.5	-94.5	-155.3	196.8	59.2	-0.2	-561.2
1986	12	-2752.5	-59.2	-79.9	-125.4	128.2	37.5	-0.3	-489.6
1987	28	-3103.7	-62.6	-89.2	-141.3	158.6	47.2	0.1	-539.7
1988	23	-3110.5	-59.0	-88.7	-141.8	163.0	47.1	-0.3	-529.9
1989	27	-3325.6	-72.7	-95.8	-151.6	168.7	53.0	-0.2	-591.2
1990	26	-3147.7	-61.3	-92.0	-143.4	165.5	44.5	-0.2	-548.8
1991	30	-2999.0	-57.6	-85.9	-136.6	158.9	45.5	-0.0	-514.0
1992	35	-2964.5	-57.6	-84.7	-135.1	152.9	44.4	-0.2	-508.6
1993	29	-2692.4	-52.8	-75.8	-122.6	132.7	40.6	-0.0	-458.3
1994	29	-2543.7	-46.8	-68.0	-115.8	128.2	43.8	-0.0	-411.7
1995	25	-2671.0	-46.6	-73.2	-121.6	137.4	42.4	0.0	-434.7
1996	28	-2832.4	-52.7	-78.8	-129.1	144.1	44.1	-0.1	-472.8
1997	35	-2873.6	-50.6	-76.9	-130.9	151.7	50.9	-0.1	-460.8
1998	31	-2526.8	-47.0	-71.3	-115.1	123.9	36.4	-0.0	-425.4
1999	48	-2393.3	-35.2	-63.6	-108.9	127.0	39.6	0.0	-367.3
2000	43	-2281.6	-32.0	-60.3	-103.3	121.7	37.6	1.1	-345.7
2001	42	-2540.6	-38.2	-66.2	-115.0	136.1	45.1	1.5	-386.1

2002	44	-2464.8	-36.2	-65.3	-112.0	132.3	41.8	0.4	-377.4
2003	43	-2453.9	-37.0	-63.9	-106.7	130.9	43.7	9.2	-371.6
2004	46	-2204.5	-28.3	-56.0	-98.0	120.1	39.5	4.4	-318.6
2005	46	-2448.6	-34.1	-62.5	-109.3	133.2	44.8	4.2	-360.5
2006	62	-2385.0	-33.1	-61.7	-107.7	129.1	42.0	1.6	-354.8
2007	78	-2189.6	-22.1	-53.5	-99.1	129.2	43.0	1.2	-295.7
2008	84	-2217.7	-21.8	-53.5	-100.3	132.1	44.8	1.3	-295.0
2009	83	-2153.0	-19.7	-51.7	-98.1	128.9	43.0	-0.1	-283.0
2010	95	-2097.3	-17.0	-49.2	-95.5	128.6	43.9	0.1	-266.0
2011	76	-2093.1	-15.0	-48.8	-95.2	130.9	43.9	0.2	-260.4
2012	66	-2128.4	-13.8	-47.7	-96.8	136.4	48.3	0.2	-253.8
2013	121	-2253.1	-16.7	-51.1	-102.7	143.8	51.2	-0.1	-275.4
2014	84	-2294.4	-12.6	-50.0	-107.7	153.7	55.5	-5.4	-263.8
2015	68	-2104.2	-9.7	-43.8	-100.7	139.9	52.8	-7.7	-230.1
2016	58	-2017.8	-10.7	-45.2	-96.0	130.8	45.1	-6.5	-236.7
2017	55	-2002.3	-12.9	-42.7	-99.4	126.6	48.5	-12.9	-231.9
2018	62	-1745.0	-5.8	-37.3	-86.4	114.5	40.5	-10.2	-191.2
2019	14	-1911.4	-9.2	-38.5	-96.2	123.3	49.1	-14.3	-206.1

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

Tabel: 121 Jersey: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1987	14	72.8	79.9	85.2	93.0	91.6	94.9	80.9
1989	10	74.0	79.8	85.4	93.2	90.7	94.3	82.3
1991	11	74.0	79.5	84.6	91.9	92.5	93.3	80.2
1992	15	72.3	79.4	85.2	92.4	91.5	94.3	79.8
1993	17	73.3	79.3	84.9	92.5	91.6	94.7	80.1
1994	15	73.1	79.3	84.6	91.9	92.1	94.1	80.7
1995	14	73.4	79.4	84.5	91.9	92.1	93.8	80.4
1997	11	73.1	79.5	84.9	92.5	92.0	94.2	80.0
1998	10	73.5	80.2	84.9	92.3	92.2	94.0	81.3
1999	14	72.6	80.1	86.4	94.0	90.9	96.9	80.1
2000	12	72.6	79.8	85.8	92.9	91.9	95.7	79.2
2001	12	72.7	79.6	85.7	93.3	90.9	96.2	79.9
2002	14	73.1	79.7	85.8	93.4	91.6	95.8	79.8
2004	14	73.7	79.6	87.1	94.4	90.4	95.0	81.1
2006	16	72.7	78.9	84.9	92.9	90.8	94.6	80.5
2007	22	73.2	80.7	87.0	94.3	91.0	95.8	81.7
2008	24	73.4	80.9	86.8	94.0	91.4	95.8	81.4
2009	15	73.5	80.7	87.5	94.9	90.5	96.5	81.9
2010	26	73.0	80.1	86.9	94.6	90.2	96.5	81.2
2011	20	72.6	78.5	85.6	94.0	89.5	97.2	81.0
2012	11	71.7	79.5	85.7	93.7	90.4	97.1	80.1
2013	14	73.2	80.7	87.1	94.5	90.9	96.4	81.2
2014	12	72.1	82.8	87.8	94.6	92.0	96.7	82.7
2018	12	73.2	82.1	87.7	95.2	90.8	97.0	83.4

Tabel: 122 Jersey: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1987	14	105.0	105.0	91.8	96.1	107.9
1989	10	104.4	104.6	92.4	96.2	107.1
1991	11	104.2	104.3	91.8	95.5	106.5
1992	15	106.6	105.3	91.7	96.8	109.5
1993	17	106.5	104.7	92.0	96.9	109.6
1994	15	105.6	103.7	92.7	96.6	108.6
1995	14	106.6	104.3	92.4	96.9	109.7
1997	11	105.5	104.7	91.7	96.1	108.5
1998	10	104.8	104.5	91.9	96.5	107.7
1999	14	107.4	104.6	91.7	96.4	110.5
2000	12	107.8	105.0	90.9	97.0	111.4
2001	12	107.1	104.7	91.5	96.7	110.2
2002	14	106.9	104.6	92.1	96.9	110.5
2004	14	107.4	104.6	91.5	96.4	110.9
2006	16	106.7	104.9	91.3	95.8	109.6
2007	22	106.5	104.7	91.6	96.5	109.7
2008	24	106.2	105.0	91.2	96.1	109.3
2009	15	106.4	105.3	91.1	95.9	109.7
2010	26	106.6	105.3	90.6	95.7	109.7
2011	20	107.0	104.8	90.5	95.6	110.1
2012	11	106.1	105.0	90.6	95.3	108.6
2013	14	106.3	105.1	90.9	96.1	109.3
2014	12	105.1	105.2	91.1	96.3	107.9
2018	12	105.8	105.8	90.2	95.5	108.9

Tabel: 123 Jersey: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1987	14	92.4	94.4	104.4	88.2	95.9	95.7	94.4
1989	10	91.2	94.8	103.5	87.6	95.1	95.8	95.0
1991	11	92.9	93.7	104.5	88.5	95.8	95.6	94.1
1992	15	91.8	94.1	104.6	87.5	96.1	95.7	94.0
1993	17	92.3	94.7	105.2	88.2	96.4	96.0	94.7
1994	15	92.4	94.5	104.7	88.1	96.0	95.5	93.7
1995	14	92.3	95.5	104.8	87.4	95.7	96.2	94.4
1997	11	93.1	94.5	104.5	88.7	96.0	95.6	94.2
1998	10	93.3	95.8	105.0	88.7	96.7	95.9	94.6
1999	14	93.5	96.1	104.0	88.8	97.1	96.5	95.9
2000	12	93.8	97.1	104.2	88.7	97.2	96.3	96.1
2001	12	92.9	96.4	104.5	88.0	96.8	96.8	96.2
2002	14	93.0	96.8	104.9	88.2	97.1	96.9	96.0
2004	14	94.5	97.0	104.9	89.3	99.1	97.8	97.1
2006	16	94.8	96.4	104.5	89.9	98.2	97.1	96.2
2007	22	94.2	96.4	104.6	89.7	98.2	96.2	95.7
2008	24	95.0	96.1	105.1	90.4	98.3	96.1	95.6
2009	15	94.4	96.1	105.1	89.6	98.1	96.7	95.8
2010	26	94.8	95.8	103.8	90.0	98.1	96.3	95.6
2011	20	95.5	96.2	104.0	90.5	99.8	97.2	96.5
2012	11	95.1	95.5	104.1	90.5	98.1	95.9	95.3
2013	14	95.4	95.6	104.1	90.7	98.5	96.1	95.2

2014	12	97.0	95.8	103.9	93.1	98.8	94.8	94.6
2018	12	96.8	96.8	104.6	92.7	99.8	95.8	95.4

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1987	14	75.6	79.9	90.9	105.6	0.0	87.7
1989	10	76.0	79.7	89.9	105.1	0.0	87.1
1991	11	74.0	79.6	91.2	104.3	0.0	86.8
1992	15	74.5	79.2	90.6	107.1	0.0	88.1
1993	17	74.7	79.4	91.1	107.4	0.0	88.4
1994	15	74.7	79.5	91.1	106.7	0.0	88.2
1995	14	74.3	79.4	90.7	107.6	0.0	88.3
1997	11	74.3	79.6	91.5	106.3	0.0	88.0
1998	10	75.2	80.0	91.9	105.5	0.0	88.3
1999	14	76.7	79.9	91.9	108.2	0.0	90.1
2000	12	75.2	79.7	92.2	108.9	0.0	90.2
2001	12	75.8	79.4	91.4	107.9	0.0	89.2
2002	14	75.6	79.8	91.7	108.4	0.0	89.6
2004	14	76.1	80.2	93.5	108.7	0.0	90.9
2006	16	74.8	79.2	93.5	107.1	0.0	89.6
2007	22	77.4	80.6	93.0	107.4	0.0	90.5
2008	24	77.1	80.6	93.6	106.9	0.0	90.5
2009	15	78.0	80.9	92.9	107.0	0.0	90.5
2010	26	77.2	80.2	93.4	107.0	0.0	90.3
2011	20	76.5	79.2	94.4	107.7	0.0	90.8
2012	11	76.2	79.3	93.5	106.4	0.0	89.8
2013	14	77.4	80.5	94.0	106.9	0.0	90.6
2014	12	79.2	81.8	95.4	105.6	0.0	91.7
2018	12	79.5	81.3	95.6	106.2	0.0	91.9

Tabel: 125 Jersey: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	11	103.7	105.0	104.3	105.7	103.9	96.4	77.0	105.0
1985	11	103.7	105.1	104.5	106.1	103.7	97.4	78.3	105.1
1986	15	103.3	104.3	104.4	105.3	103.6	97.7	82.9	104.8
1987	30	102.9	103.8	103.8	104.5	102.8	97.6	83.2	104.2
1988	22	103.3	104.6	104.4	105.6	103.5	96.6	81.1	104.9
1989	28	103.1	104.0	103.8	104.9	103.2	97.0	81.4	104.2
1990	26	103.8	103.8	104.0	104.9	103.3	97.0	81.2	104.3
1991	31	103.0	103.8	103.5	104.5	102.7	96.6	81.0	104.0
1992	34	103.1	103.5	103.7	104.5	102.9	96.9	82.6	104.1
1993	30	102.3	103.0	103.0	103.4	102.2	97.1	84.2	103.5
1994	29	101.9	103.9	103.6	104.4	102.4	97.0	85.9	104.1
1995	26	101.8	103.8	103.5	104.2	102.1	97.5	86.7	104.1
1996	26	102.6	103.2	103.6	103.9	102.6	98.6	85.7	103.8
1997	35	102.9	103.1	103.7	103.9	102.6	97.5	85.7	104.0

1998	31	101.9	103.1	103.2	103.7	101.9	97.0	86.3	103.5
1999	45	102.9	101.0	103.0	102.4	102.4	97.5	86.4	102.7
2000	43	102.8	101.4	103.0	102.6	102.3	97.0	85.7	102.7
2001	42	102.5	102.1	103.1	103.0	102.2	97.5	86.1	103.2
2002	45	102.0	102.2	102.8	102.9	101.8	96.5	86.3	103.0
2003	44	102.1	103.2	103.7	104.0	102.4	97.6	86.6	104.0
2004	46	102.1	102.0	103.2	102.9	102.1	95.9	86.5	103.1
2005	47	102.2	103.0	103.4	103.7	102.3	95.5	85.2	103.7
2006	60	102.2	102.7	103.4	103.5	102.5	96.2	85.6	103.6
2007	83	101.7	102.1	103.2	102.8	101.8	95.8	87.1	103.2
2008	83	102.1	101.9	103.2	102.7	101.9	95.8	87.0	103.1
2009	86	101.4	102.2	103.1	102.7	101.4	95.5	87.8	103.1
2010	100	101.7	102.8	103.7	103.6	102.2	96.0	88.2	103.8
2011	93	101.6	103.0	103.9	103.7	102.2	95.5	88.3	104.0
2012	83	102.1	102.5	104.0	103.4	102.4	95.8	88.8	103.9
2013	135	102.7	102.1	103.9	103.3	102.8	95.7	86.6	103.7
2014	106	102.2	102.6	104.2	103.7	102.7	95.8	88.4	104.1
2015	104	101.6	102.5	103.7	103.3	102.1	96.0	89.6	103.7
2016	89	101.4	102.6	103.7	103.4	102.1	95.4	89.3	103.7
2017	78	102.1	102.5	104.1	103.6	102.7	96.2	89.3	104.0
2018	86	101.7	102.5	103.7	103.5	102.4	96.3	89.2	103.7
2019	43	102.7	101.9	104.3	103.3	103.1	96.8	89.6	104.0

Tabel: 126 Jersey: Gebruikskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1987	13	101.2	78.5	94.5	95.2	96.9
1992	10	99.8	90.9	94.9	96.2	97.0
1993	13	100.5	85.2	94.8	95.8	96.6
1994	12	99.8	83.2	94.1	95.2	96.5
1995	12	100.0	74.8	93.9	95.4	97.3
1997	11	99.5	54.3	95.3	96.4	97.9
1999	18	102.8	97.0	94.3	95.1	96.7
2000	15	102.5	88.7	94.0	95.0	96.6
2001	11	103.0	74.6	94.8	95.6	97.4
2002	13	102.2	62.4	94.6	95.6	97.0
2004	14	102.6	88.6	95.2	95.6	96.6
2006	16	101.7	38.7	95.5	95.9	97.1
2007	15	102.4	47.3	95.5	96.2	97.3
2008	15	102.0	41.1	95.4	95.6	97.0
2009	10	101.2	71.8	95.7	96.0	96.9
2010	22	101.8	52.0	96.0	96.2	97.0
2011	16	101.3	84.2	97.0	96.6	97.4
2012	10	102.5	62.6	97.2	96.8	97.2

Tabel: 127 Jersey: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
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1985	10	-171.3	-561.2	-535.7	98.4	105.1	90.3	102.3	100.2	280.8
1986	12	-134.1	-489.6	-439.2	96.5	104.8	90.6	104.8	100.0	279.9
1987	28	-148.8	-539.7	-251.4	95.7	104.2	90.9	105.6	98.9	317.1
1988	23	-152.0	-529.9	-234.9	96.7	104.9	91.2	105.8	100.3	229.7
1989	27	-170.6	-591.2	-237.0	96.6	104.2	89.9	105.1	99.8	314.7
1990	26	-168.2	-548.8	-231.0	96.1	104.3	89.0	105.9	100.4	239.2
1991	30	-140.2	-514.0	-235.4	97.7	104.0	91.2	104.3	99.0	298.6
1992	35	-138.2	-508.6	-198.1	96.3	104.1	90.6	107.1	99.3	297.8
1993	29	-114.6	-458.3	-215.9	95.9	103.5	91.1	107.4	98.4	344.6
1994	29	-91.8	-411.7	-187.8	95.5	104.1	91.1	106.7	98.4	344.0
1995	25	-90.0	-434.7	-124.1	96.1	104.1	90.7	107.6	99.1	355.0
1996	28	-116.2	-472.8	-241.6	96.7	103.8	90.0	107.1	98.9	356.0
1997	35	-105.5	-460.8	-128.0	96.9	104.0	91.5	106.3	99.3	334.3
1998	31	-98.9	-425.4	-203.6	95.7	103.5	91.9	105.5	99.2	356.4
1999	48	-83.8	-367.3	-131.8	95.5	102.7	91.9	108.2	99.8	293.0
2000	43	-76.6	-345.7	-160.3	95.4	102.7	92.2	108.9	99.5	299.2
2001	42	-83.0	-386.1	-203.5	96.2	103.2	91.4	107.9	100.0	335.8
2002	44	-82.9	-377.4	-215.6	96.0	103.0	91.7	108.4	99.7	333.7
2003	43	-72.9	-371.6	-200.3	95.9	104.0	92.4	106.1	99.9	337.7
2004	46	-43.2	-318.6	-97.1	95.8	103.1	93.5	108.7	99.1	340.9
2005	46	-50.5	-360.5	-69.9	95.9	103.7	92.3	106.7	99.6	353.0
2006	62	-40.8	-354.8	-26.7	96.2	103.6	93.5	107.1	99.0	378.8
2007	78	-20.8	-295.7	37.6	96.5	103.2	93.0	107.4	99.6	333.8
2008	84	-25.9	-295.0	28.4	96.1	103.1	93.6	106.9	99.4	337.2
2009	83	-19.5	-283.0	56.7	96.1	103.1	92.9	107.0	99.5	324.6
2010	95	4.4	-266.0	103.7	96.3	103.8	93.4	107.0	100.5	334.5
2011	76	15.7	-260.4	135.7	96.8	104.0	94.4	107.7	100.3	332.2
2012	66	19.1	-253.8	150.7	96.7	103.9	93.5	106.4	100.9	331.0
2013	121	2.4	-275.4	83.9	97.2	103.7	94.0	106.9	100.2	308.3
2014	84	14.8	-263.8	110.6	97.4	104.1	95.4	105.6	100.5	320.5
2015	68	19.1	-230.1	98.7	96.9	103.7	97.0	105.8	101.8	293.1
2016	58	6.6	-236.7	54.5	96.9	103.7	94.2	106.8	100.9	290.0
2017	55	5.0	-231.9	38.9	95.8	104.0	93.7	106.7	100.8	294.9
2018	62	30.3	-191.2	126.5	96.5	103.7	95.6	106.2	101.9	291.7
2019	14	42.8	-206.1	141.6	96.9	104.0	96.3	107.0	102.0	309.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	14	97.1	99.5	97.1	99.5	86.9	104.4
1989	11	99.0	98.5	99.0	98.5	88.7	104.7
1991	12	97.1	98.4	97.1	98.4	87.1	104.0
1992	16	98.4	98.8	98.4	98.8	88.0	105.2
1993	21	97.7	98.0	97.7	98.0	87.0	104.5
1994	23	98.1	98.0	98.1	98.0	88.0	103.8
1995	18	98.6	98.8	98.6	98.8	88.4	104.7
1996	14	100.0	98.9	100.0	98.9	88.9	105.5
1997	20	99.0	99.0	99.0	99.0	88.2	104.9
1998	18	98.4	98.9	98.4	98.9	87.8	104.6
1999	31	97.9	99.8	97.9	99.8	87.2	106.2
2000	20	98.7	99.3	98.7	99.3	87.8	106.0
2001	20	98.4	99.8	98.4	99.8	87.5	105.9
2002	23	98.5	99.4	98.5	99.4	87.3	105.6

2003	16	98.1	100.1	98.1	100.1	87.7	105.6
2004	29	97.1	96.0	97.1	96.0	86.4	101.9
2005	22	98.3	99.4	98.3	99.4	87.3	105.8
2006	32	97.3	99.2	97.3	99.2	86.8	105.5
2007	47	97.8	100.0	97.8	100.0	87.0	106.2
2008	53	97.5	98.2	97.5	98.2	86.6	104.1
2009	37	98.1	95.3	98.1	95.3	87.9	101.4
2010	54	98.7	97.0	98.7	97.0	87.6	103.1
2011	45	98.2	100.0	98.2	100.0	87.0	106.9
2012	48	98.3	94.6	98.3	94.6	87.6	100.5
2013	33	98.2	91.5	98.2	91.5	87.7	97.4
2014	24	98.4	92.1	98.4	92.1	87.6	98.4
2015	14	99.1	79.6	99.1	79.6	88.4	84.6

Tabel: 129 Jersey: Geboortekkenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1987	15	115.8	106.9	65.9	70.2	67.6	61.1
1989	13	117.9	107.5	62.1	58.5	55.7	51.8
1990	12	119.9	106.4	59.3	47.9	45.1	42.2
1991	20	118.2	107.6	61.3	48.0	45.4	41.6
1992	17	118.4	106.5	62.5	84.3	79.8	74.2
1993	25	118.9	107.4	60.6	57.9	54.0	50.6
1994	22	117.9	107.1	62.1	79.0	73.4	70.5
1995	19	117.3	106.4	62.9	56.2	52.0	49.7
1996	13	117.7	106.3	63.8	59.7	56.1	52.8
1997	21	115.7	107.0	65.2	77.9	73.0	68.8
1998	17	116.1	107.7	64.1	73.5	69.4	65.7
1999	33	116.7	107.1	63.7	82.1	77.0	70.3
2000	21	115.8	106.6	65.3	83.2	78.1	71.7
2001	24	116.4	106.7	64.4	64.8	60.1	55.6
2002	27	116.0	107.0	64.1	78.7	73.4	68.7
2003	19	115.3	106.9	65.5	60.8	56.8	53.7
2004	34	116.2	107.8	63.7	75.6	72.0	67.7
2005	28	116.9	107.5	62.6	81.0	77.2	72.8
2006	38	116.1	107.0	63.7	72.9	69.0	64.4
2007	64	115.8	107.8	63.7	80.6	76.8	71.8
2008	66	114.5	108.0	65.2	72.2	68.9	64.7
2009	56	114.3	108.6	65.8	74.9	71.3	66.9
2010	83	115.0	107.8	64.5	75.8	72.0	67.5
2011	77	114.9	107.4	64.5	85.9	81.1	76.1
2012	85	114.6	107.4	65.0	74.4	70.0	65.8
2013	82	114.9	107.5	64.6	73.5	69.6	65.0
2014	84	114.2	106.9	65.4	81.1	76.2	71.4
2015	70	113.5	107.4	65.9	72.9	68.1	64.1
2016	50	114.4	107.1	65.0	80.7	76.0	71.3
2017	59	112.9	107.9	66.7	87.7	82.8	77.7
2018	77	114.2	108.0	65.3	87.4	81.7	76.7
2019	35	112.5	108.7	67.3	77.3	72.9	68.7
2020	33	113.5	107.2	66.2	61.4	57.2	53.7
2021	18	113.8	107.0	65.4	32.0	30.2	28.2

Tabel: 130 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	14	88.5	103.1	93.2	84.2	100.1	97.4	87.6	93.6	103.6	97.2	81.6
1989	11	86.2	102.3	92.9	84.4	96.8	98.5	86.5	91.1	101.2	97.7	81.0
1991	14	85.4	102.8	92.1	83.9	97.8	97.6	86.2	89.6	102.1	97.1	80.4
1992	17	87.1	102.7	92.9	83.8	98.6	98.1	87.0	91.6	102.6	97.6	81.1
1993	20	85.8	101.7	92.5	83.3	97.2	98.7	86.0	91.1	101.5	98.0	80.2
1994	18	86.4	102.5	92.3	83.8	98.3	98.3	86.8	90.7	102.5	98.0	80.8
1995	17	85.6	102.0	91.5	83.7	96.9	98.2	86.2	90.5	101.5	97.2	80.3
1996	11	85.2	101.8	91.0	83.4	96.5	97.9	86.8	89.4	101.1	97.4	79.8
1997	21	85.9	102.8	91.4	83.9	98.0	96.8	86.7	89.7	102.2	96.2	80.5
1998	16	85.6	102.0	92.3	83.6	97.2	97.9	86.1	90.7	101.7	97.2	80.2
1999	22	86.3	102.0	92.8	83.3	97.7	98.1	85.5	93.2	102.0	97.5	79.5
2000	23	86.5	102.3	92.6	83.5	97.6	98.5	85.7	93.6	102.2	98.0	79.7
2001	18	86.2	102.2	92.2	83.1	97.8	97.6	85.7	92.8	102.3	96.8	79.5
2002	23	86.4	102.9	92.0	84.0	98.0	97.7	85.9	92.8	102.6	97.0	80.3
2003	12	86.3	102.7	92.2	83.9	98.3	97.2	86.4	91.2	102.3	96.6	80.8
2004	19	87.5	101.2	92.7	83.3	99.0	97.9	87.3	92.3	101.9	97.7	80.6
2005	13	87.1	102.2	93.2	82.8	99.2	97.6	86.4	92.8	102.8	97.6	79.8
2006	21	87.2	101.8	92.7	83.3	99.1	97.9	87.2	91.9	102.4	98.1	80.3
2007	28	86.7	101.7	92.4	83.7	98.0	97.3	86.8	91.9	101.8	96.8	80.4
2008	30	86.7	102.2	92.5	83.3	99.5	97.0	86.6	91.6	102.6	96.7	80.2
2009	17	86.7	101.4	93.4	82.6	98.6	97.8	86.7	92.0	102.0	97.7	79.9
2010	20	88.4	102.0	93.2	83.2	101.0	97.0	87.6	92.8	103.3	97.2	80.8
2011	16	88.5	100.3	93.2	82.3	100.4	98.3	87.8	93.4	102.5	98.6	80.1
2012	10	88.2	101.9	92.9	82.9	100.8	97.5	87.4	93.1	103.3	97.9	80.4

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	12	92.0	90.7	101.2
1989	10	93.2	91.8	99.2
1991	11	93.6	92.4	99.5
1992	16	92.6	91.2	100.7
1993	20	93.0	91.5	99.3
1994	20	93.0	91.5	99.8
1995	14	93.4	92.1	99.0
1996	11	93.5	92.1	99.3
1997	16	93.6	92.0	99.9
1998	15	92.9	91.5	99.7
1999	28	91.1	89.7	99.7
2000	17	91.7	90.2	100.2
2001	18	92.1	90.6	100.0
2002	23	92.1	90.6	100.0
2003	11	93.6	92.2	100.1
2004	25	90.9	89.2	100.5
2005	21	91.5	89.4	100.4
2006	25	91.8	90.1	100.5

2007	43	91.9	90.3	100.7
2008	42	91.4	89.6	100.5
2009	32	92.2	90.5	100.5
2010	50	92.6	90.8	101.2
2011	42	91.1	89.3	101.1
2012	43	92.6	90.8	101.3
2013	28	92.8	90.9	101.2
2014	24	92.5	90.5	101.3
2015	16	93.8	91.4	101.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	39	-2747.8	-14373.3	-375.6	-429.5
2002	44	-2802.7	-14331.7	-387.3	-437.2
2003	43	-2692.9	-13996.3	-368.9	-419.9
2004	45	-1979.5	-11277.3	-241.8	-320.7
2005	43	-1959.9	-11685.2	-225.1	-323.1
2006	55	-1759.3	-10859.9	-187.4	-296.6
2007	74	-1213.6	-9004.2	-86.1	-221.7
2008	77	-1253.8	-9315.0	-92.0	-227.5
2009	75	-1030.9	-8412.1	-52.4	-196.5
2010	89	-702.0	-7288.5	8.7	-151.3
2011	74	-510.9	-6656.0	48.0	-126.9
2012	66	-425.5	-6628.6	64.8	-114.8
2013	120	-872.6	-8294.2	-16.6	-176.6
2014	82	-646.1	-7949.4	34.3	-148.9
2015	69	-583.6	-7294.0	28.7	-133.0
2016	56	-843.7	-7850.5	-17.5	-170.9
2017	55	-884.3	-7942.4	-41.2	-168.7
2018	62	-264.6	-5341.5	76.0	-86.0
2019	14	-246.6	-5812.0	75.4	-79.9

Tabel: 133 Jersey: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Eff	Int	Gewen
1993	13	93.1	95.8	105.7
1994	17	93.6	96.3	105.8
1997	11	94.1	95.2	106.9
1999	21	93.3	96.1	107.2
2000	13	93.1	95.6	107.7
2001	10	93.4	96.3	106.8
2002	18	93.3	96.4	107.1
2003	12	94.8	95.8	108.0
2004	19	92.7	97.7	108.6
2005	15	92.8	94.9	109.3
2006	20	93.0	95.0	109.7
2007	40	92.2	95.5	107.6

2008	38	93.0	96.0	108.7
2009	28	93.1	95.9	108.2
2010	42	93.2	96.8	108.4
2011	35	92.8	96.3	108.3
2012	29	93.3	96.6	108.1
2013	24	93.1	96.2	108.8
2014	29	92.8	94.9	110.2
2015	12	94.0	94.9	109.6
2016	13	93.6	96.4	108.2
2018	19	93.4	95.5	109.7
2019	12	94.9	94.8	111.5

Tabel: 134 Jersey: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1985	10	103.2	96.0	10	-8.3	280.8	0	0.0
1986	12	103.1	96.4	12	-7.8	279.9	0	0.0
1987	28	102.4	95.2	28	-8.7	317.1	0	0.0
1988	23	102.1	95.0	23	-7.2	229.7	0	0.0
1989	27	102.4	95.9	27	-9.1	314.7	0	0.0
1990	26	102.4	96.9	26	-7.5	239.2	0	0.0
1991	30	104.9	96.5	30	-8.2	298.6	0	0.0
1992	35	103.8	95.9	36	-8.2	297.8	0	0.0
1993	29	105.3	95.7	29	-8.7	344.6	0	0.0
1994	29	103.3	95.4	29	-8.4	344.0	0	0.0
1995	25	103.2	95.8	25	-8.7	355.0	0	0.0
1996	28	104.6	96.5	28	-9.0	356.0	0	0.0
1997	35	104.6	95.7	35	-8.5	334.3	0	0.0
1998	31	103.2	95.8	31	-8.6	356.4	0	0.0
1999	48	104.6	95.6	48	-7.2	293.0	0	0.0
2000	43	105.0	95.6	43	-7.2	299.2	0	0.0
2001	42	104.4	95.7	42	-8.1	335.8	12	57.8
2002	44	104.3	94.8	44	-8.0	333.7	14	58.1
2003	43	104.6	95.5	43	-8.0	337.7	8	58.8
2004	46	106.0	95.1	46	-7.7	340.9	14	59.4
2005	46	105.2	96.0	46	-8.2	353.0	6	58.7
2006	62	105.0	96.3	62	-8.6	378.8	16	57.3
2007	78	105.6	95.9	78	-7.4	333.8	22	59.0
2008	84	105.7	95.8	84	-7.5	337.2	24	58.7
2009	83	106.4	96.0	83	-7.2	324.6	15	59.1
2010	95	106.7	96.3	95	-7.3	334.5	26	58.8
2011	76	107.2	96.3	76	-7.2	332.2	20	57.9
2012	66	107.4	96.5	66	-7.1	331.0	11	57.6
2013	121	107.4	96.9	121	-6.9	308.3	14	58.9
2014	84	106.6	96.7	84	-7.0	320.5	12	64.1
2015	68	108.1	96.7	68	-6.4	293.1	4	66.5
2016	58	108.2	96.5	58	-6.3	290.0	6	65.3
2017	55	107.4	95.8	55	-6.5	294.9	3	66.0
2018	62	108.3	95.4	62	-6.1	291.7	12	68.2
2019	14	106.9	94.9	14	-6.6	309.3	3	69.7

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	12	99.7	0	0.0	0	0.0	12	95.8
1989	10	100.0	0	0.0	0	0.0	10	98.3
1991	14	99.9	0	0.0	0	0.0	14	98.1
1992	17	99.8	0	0.0	0	0.0	17	96.9
1993	24	100.0	0	0.0	0	0.0	24	97.7
1994	23	100.0	0	0.0	0	0.0	23	97.6
1995	21	99.9	0	0.0	0	0.0	21	98.1
1996	12	100.0	0	0.0	0	0.0	12	97.0
1997	22	99.9	0	0.0	0	0.0	22	98.4
1998	25	99.9	0	0.0	0	0.0	25	97.7
1999	31	100.0	0	0.0	0	0.0	31	97.7
2000	27	100.0	0	0.0	0	0.0	27	98.1
2001	24	100.0	0	0.0	0	0.0	24	98.3
2002	27	100.0	0	0.0	0	0.0	27	98.0
2003	21	100.0	0	0.0	0	0.0	21	99.3
2004	37	99.9	0	0.0	0	0.0	37	98.5
2005	34	100.0	0	0.0	0	0.0	34	99.7
2006	50	100.0	0	0.0	0	0.0	50	99.7
2007	73	100.0	0	0.0	0	0.0	73	100.4
2008	80	100.0	0	0.0	0	0.0	80	100.7
2009	79	100.0	0	0.0	0	0.0	79	100.2
2010	92	100.0	0	0.0	0	0.0	92	100.2
2011	70	100.0	0	0.0	0	0.0	70	100.6
2012	61	100.0	0	0.0	0	0.0	61	99.9
2013	117	100.0	0	0.0	0	0.0	117	101.3
2014	80	100.0	0	0.0	0	0.0	80	101.3
2015	62	100.0	0	0.0	0	0.0	62	100.1
2016	50	100.0	0	0.0	0	0.0	50	100.5
2017	48	100.0	0	0.0	0	0.0	48	100.8
2018	54	100.0	0	0.0	0	0.0	54	100.8
2019	13	100.0	0	0.0	0	0.0	13	101.3

Tabel: 136 Jersey: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
2000	11	101.8	101.0	102.6	100.3	103.0	101.5
2004	12	104.2	103.2	104.5	102.8	103.7	102.2
2007	11	103.0	102.5	103.7	101.5	103.3	101.9
2009	12	102.7	102.0	103.2	101.2	103.4	101.4
2010	11	103.7	102.8	104.6	101.7	104.4	102.9
2011	10	103.6	102.7	104.6	101.6	104.4	102.8

Tabel: 137 Lakenvelder - zwartbont: Vruchtbaarheidsskenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1992	11	99.7	105.0	101.1	102.6	100.5	96.6	94.2	102.5
1996	10	99.9	105.2	100.9	102.9	100.5	95.5	92.4	102.4
1997	10	100.5	103.9	100.7	102.2	100.6	96.3	92.6	101.8
2003	11	99.0	105.6	100.7	103.1	100.1	95.0	93.4	102.2

Tabel: 138 Verbeterd Roodbont: Vruchtbaarheidskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1994	11	97.1	102.4	98.6	100.5	98.0	102.1	108.9	99.6
1995	14	94.7	103.9	97.3	100.4	96.1	100.4	108.2	99.1
1997	12	96.2	103.3	98.4	100.8	97.2	101.5	108.0	99.9
1998	12	95.8	103.8	98.2	100.9	97.2	100.9	108.5	99.9
1999	16	96.8	102.9	98.1	100.6	97.2	101.1	105.3	99.4
2000	17	97.3	103.6	99.5	101.5	98.5	101.8	107.8	100.8
2002	18	97.2	102.8	98.8	101.1	98.4	102.0	107.6	100.0
2003	12	97.2	102.9	98.8	101.1	98.1	101.8	107.8	100.0
2004	10	97.0	102.8	98.7	100.9	97.8	100.7	107.6	99.9
2005	17	96.8	103.3	98.9	101.4	98.0	102.2	108.8	100.2
2007	14	97.9	102.1	98.6	100.7	98.1	101.8	107.1	99.7

Tabel: 139 Verbeterd Roodbont: Geboortekenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1999	11	122.6	104.9	72.5	32.5	35.8	40.7
2002	14	121.5	105.9	73.0	63.1	72.9	80.3
2005	14	117.7	104.6	77.6	76.5	86.3	98.4
2007	12	120.4	102.8	74.6	60.2	66.6	74.0

Tabel: 140 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	Gr_st
1999	10	95.2	69.6	96.4	79.6	96.8	97.3	98.1	96.7	90.1	97.8	93.2
2002	13	96.9	69.2	95.0	79.8	98.4	97.0	100.0	97.1	89.6	97.8	93.6
2005	10	95.4	68.3	95.9	82.9	93.5	98.5	99.3	97.3	86.7	98.2	95.1

Tabel: 141 Witblauw Mixte: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1982	10	-2129.8	-112.5	-86.9	-104.0	-41.5	-19.9	-13.8	-623.9
1983	11	-2575.3	-125.3	-101.2	-124.4	-26.5	-15.6	-15.3	-715.3
1984	15	-2290.3	-111.4	-92.0	-111.4	-21.6	-17.7	-14.5	-644.6
1985	27	-2277.7	-111.6	-90.4	-110.7	-23.4	-14.0	-14.4	-638.3
1986	27	-2331.7	-114.1	-92.7	-113.1	-25.1	-16.1	-14.4	-653.5
1987	36	-2228.9	-111.1	-91.7	-108.4	-28.2	-21.8	-14.2	-641.9
1988	31	-2137.3	-106.3	-89.1	-104.3	-24.6	-22.4	-14.0	-619.6
1989	32	-2145.9	-110.7	-90.0	-104.7	-35.5	-24.1	-14.1	-633.2
1990	52	-2196.4	-109.4	-89.5	-107.0	-26.6	-19.1	-14.2	-628.9
1991	63	-2437.7	-119.8	-98.5	-118.0	-26.9	-20.0	-14.9	-690.9
1992	60	-2310.2	-115.0	-93.7	-112.2	-28.5	-19.9	-14.3	-659.3
1993	84	-2324.3	-116.5	-93.6	-112.9	-31.4	-17.9	-14.6	-662.5
1994	116	-2253.9	-113.7	-90.6	-109.7	-31.1	-17.1	-14.3	-643.3
1995	109	-2144.6	-110.2	-87.4	-104.6	-34.0	-18.9	-13.9	-621.4
1996	139	-2066.5	-105.3	-84.7	-101.0	-30.3	-18.9	-13.7	-598.8
1997	130	-1957.5	-101.8	-82.0	-96.1	-32.3	-21.4	-13.5	-578.9
1998	145	-2046.5	-105.0	-83.6	-100.1	-31.5	-17.9	-13.7	-593.1
1999	135	-1879.7	-96.7	-78.7	-92.5	-28.4	-20.1	-13.2	-553.5
2000	164	-1860.6	-98.9	-79.3	-91.7	-35.0	-22.9	-13.3	-560.3
2001	160	-1894.8	-102.5	-80.0	-93.3	-39.4	-21.5	-13.6	-571.1
2002	152	-1929.6	-103.8	-81.2	-95.5	-38.9	-21.5	-14.9	-579.7
2003	187	-1886.2	-102.0	-80.0	-92.6	-39.5	-22.2	-12.9	-570.0
2004	218	-1853.4	-102.3	-79.1	-90.9	-42.7	-22.6	-12.5	-566.4
2005	250	-1787.0	-99.3	-76.7	-87.5	-42.2	-22.8	-11.5	-549.4
2006	263	-1854.7	-102.7	-78.6	-91.3	-43.7	-21.5	-13.3	-565.4
2007	248	-1805.6	-100.9	-77.5	-88.9	-44.1	-22.6	-12.7	-556.2
2008	292	-1883.8	-103.8	-78.6	-91.7	-43.5	-19.3	-11.4	-567.6
2009	261	-1845.1	-103.2	-77.2	-88.7	-45.7	-19.0	-8.6	-559.7
2010	317	-1764.0	-100.0	-75.7	-84.5	-45.8	-22.1	-7.4	-545.9
2011	336	-1826.3	-103.4	-77.5	-86.6	-47.6	-21.0	-5.8	-560.6
2012	364	-1762.5	-101.1	-75.9	-82.9	-48.1	-22.6	-3.9	-548.4
2013	344	-1640.6	-96.0	-72.0	-76.9	-47.6	-23.2	-3.0	-519.8
2014	330	-1603.7	-93.7	-71.1	-74.9	-45.8	-23.9	-2.3	-511.0
2015	302	-1611.1	-94.6	-71.4	-74.5	-47.2	-24.1	-0.8	-513.5
2016	280	-1525.8	-91.0	-68.8	-70.1	-47.0	-25.0	0.4	-494.5
2017	277	-1484.7	-89.0	-67.9	-68.0	-46.2	-26.1	0.8	-485.7
2018	158	-1344.5	-85.4	-63.7	-61.2	-50.1	-27.1	1.6	-458.8

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

Tabel: 142 Witblauw Mixte: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1982	10	100.5	105.0	101.0	103.0	100.8	94.8	87.0	102.5
1983	11	97.5	104.5	98.1	101.5	97.2	91.6	85.1	100.0
1984	16	98.8	103.8	98.8	101.3	98.4	92.8	85.8	100.3
1985	28	100.5	104.8	100.5	102.9	100.3	93.6	85.5	102.0
1986	28	98.6	104.8	99.0	102.0	98.5	92.7	85.6	100.8
1987	33	99.6	104.8	99.9	102.4	99.5	93.2	85.5	101.5
1988	33	99.8	104.5	99.8	102.3	99.6	92.8	85.0	101.3
1989	39	99.2	104.1	98.7	101.6	98.5	91.7	84.2	100.3

1990	60	99.8	104.6	99.8	102.4	99.7	92.7	84.5	101.4
1991	68	98.5	105.3	99.1	102.4	98.6	91.9	85.6	101.0
1992	73	99.4	105.3	99.9	102.9	99.5	93.0	85.3	101.6
1993	100	99.4	105.7	100.4	103.3	99.9	93.3	86.2	102.2
1994	130	100.0	105.7	100.8	103.5	100.5	93.6	85.8	102.4
1995	133	100.4	104.7	100.5	102.9	100.4	93.9	85.8	101.9
1996	149	100.6	105.0	100.9	103.3	100.8	94.4	86.3	102.3
1997	158	100.5	105.3	101.1	103.6	100.9	94.3	86.3	102.6
1998	161	101.2	105.2	101.5	103.8	101.5	94.4	86.0	102.9
1999	158	101.1	105.0	101.5	103.6	101.3	93.7	86.0	102.8
2000	190	101.0	105.0	101.5	103.6	101.3	94.0	86.4	102.8
2001	181	100.8	105.1	101.3	103.5	101.0	93.8	86.6	102.7
2002	178	100.9	105.2	101.6	103.8	101.3	94.3	86.9	102.9
2003	208	100.6	105.3	101.5	103.8	101.1	94.0	87.0	102.9
2004	247	100.3	105.3	101.2	103.5	100.8	93.7	87.0	102.7
2005	269	100.5	105.5	101.6	103.9	101.1	94.0	87.3	103.0
2006	293	100.9	105.5	102.0	104.2	101.5	94.1	87.2	103.4
2007	275	101.3	105.6	102.4	104.5	102.0	94.5	87.1	103.8
2008	326	100.7	105.7	102.0	104.3	101.4	94.1	87.2	103.4
2009	309	101.4	105.6	102.5	104.5	102.1	94.6	87.0	103.8
2010	390	101.6	105.2	102.4	104.3	102.2	94.7	87.2	103.6
2011	445	101.6	105.6	102.6	104.6	102.4	94.6	87.2	103.9
2012	425	102.1	105.5	102.9	104.7	102.7	94.9	87.1	104.0
2013	410	102.0	105.4	102.8	104.6	102.6	94.6	87.4	104.0
2014	396	102.2	105.2	102.9	104.5	102.7	94.6	87.4	104.0
2015	375	102.4	105.1	103.0	104.5	102.8	94.6	87.3	104.0
2016	340	102.0	105.0	102.7	104.3	102.4	94.4	87.5	103.7
2017	338	102.2	104.9	102.7	104.2	102.5	94.7	87.3	103.7
2018	199	102.2	104.9	102.9	104.3	102.6	94.5	87.8	103.8
2019	83	102.1	104.8	102.5	104.1	102.4	94.3	87.5	103.6

Tabel: 143 Witblauw Mixte: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1982	10	-200.1	-623.9	-323.7	103.0	102.5	0.0	0.0	0.0	0.0
1983	11	-235.5	-715.3	0.0	103.4	100.0	0.0	0.0	0.0	0.0
1984	15	-208.2	-644.6	-55.0	103.4	100.3	0.0	0.0	0.0	0.0
1985	27	-193.6	-638.3	-527.0	104.2	102.0	0.0	0.0	0.0	0.0
1986	27	-207.3	-653.5	-150.2	103.9	100.8	0.0	0.0	0.0	0.0
1987	36	-197.7	-641.9	80.0	103.5	101.5	0.0	0.0	0.0	0.0
1988	31	-185.1	-619.6	57.1	104.5	101.3	0.0	0.0	0.0	0.0
1989	32	-190.9	-633.2	103.4	104.8	100.3	0.0	0.0	0.0	0.0
1990	52	-191.4	-628.9	141.9	103.4	101.4	0.0	0.0	0.0	0.0
1991	63	-211.7	-690.9	101.0	103.8	101.0	0.0	0.0	0.0	0.0
1992	60	-192.0	-659.3	137.1	104.5	101.6	0.0	0.0	0.0	0.0
1993	84	-195.0	-662.5	137.0	103.2	102.2	0.0	0.0	0.0	0.0
1994	116	-184.1	-643.3	188.2	103.4	102.4	0.0	0.0	0.0	0.0
1995	109	-175.1	-621.4	217.2	103.7	101.9	0.0	0.0	0.0	0.0
1996	139	-160.4	-598.8	247.8	103.8	102.3	0.0	0.0	0.0	0.0
1997	130	-154.6	-578.9	219.6	103.8	102.6	0.0	0.0	0.0	0.0
1998	145	-155.0	-593.1	202.6	104.2	102.9	0.0	0.0	0.0	0.0
1999	135	-134.4	-553.5	211.2	104.0	102.8	0.0	0.0	0.0	89.0
2000	164	-139.7	-560.3	212.4	103.8	102.8	0.0	0.0	0.0	0.0

2001	160	-143.0	-571.1	230.2	103.1	102.7	0.0	0.0	0.0	0.0
2002	152	-144.0	-579.7	216.0	103.4	102.9	0.0	0.0	0.0	0.0
2003	187	-132.2	-570.0	244.6	103.5	102.9	0.0	0.0	0.0	0.0
2004	218	-134.9	-566.4	253.7	103.4	102.7	0.0	0.0	0.0	0.0
2005	250	-128.7	-549.4	250.3	103.1	103.0	0.0	0.0	0.0	0.0
2006	263	-133.6	-565.4	238.3	102.9	103.4	0.0	0.0	0.0	0.0
2007	248	-128.1	-556.2	226.5	103.0	103.8	0.0	0.0	0.0	0.0
2008	292	-133.3	-567.6	233.8	102.8	103.4	0.0	0.0	0.0	0.0
2009	261	-127.4	-559.7	232.2	103.3	103.8	0.0	0.0	0.0	0.0
2010	317	-123.8	-545.9	228.1	103.4	103.6	0.0	0.0	0.0	0.0
2011	336	-127.8	-560.6	228.4	102.9	103.9	0.0	0.0	0.0	0.0
2012	364	-126.9	-548.4	218.3	102.8	104.0	0.0	0.0	0.0	0.0
2013	344	-121.8	-519.8	192.9	103.1	104.0	104.0	95.0	0.0	0.0
2014	330	-123.2	-511.0	181.8	102.8	104.0	0.0	0.0	0.0	0.0
2015	302	-127.2	-513.5	171.8	102.6	104.0	0.0	0.0	0.0	0.0
2016	280	-121.0	-494.5	174.1	102.9	103.7	0.0	0.0	0.0	0.0
2017	277	-118.3	-485.7	211.1	102.7	103.7	0.0	0.0	0.0	0.0
2018	158	-113.8	-458.8	194.6	102.7	103.8	0.0	0.0	0.0	0.0

Tabel: 144 Witblauw Mixte: Geboortekkenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	11	72.3	106.6	127.2	10.6	8.5	7.6
1990	10	72.8	105.3	127.1	11.8	9.0	8.5
1992	12	76.6	105.1	123.5	59.9	46.1	41.8
1993	20	75.5	105.8	124.5	24.2	18.4	17.1
1994	21	77.5	105.6	122.7	57.5	43.7	40.0
1995	22	75.4	105.6	124.4	49.6	37.4	34.8
1996	40	76.8	105.2	122.8	57.3	43.6	40.4
1997	36	76.4	104.7	123.6	74.1	55.7	51.6
1998	48	76.9	105.2	122.8	68.3	51.4	47.6
1999	45	76.9	104.4	122.6	87.8	64.8	59.1
2000	80	76.7	105.1	123.0	77.5	58.6	53.6
2001	78	77.3	105.1	122.2	91.0	68.4	62.3
2002	80	76.5	105.5	123.1	96.8	72.5	66.5
2003	111	76.3	105.3	123.4	109.5	81.4	74.6
2004	142	76.5	104.8	123.1	100.8	75.3	68.8
2005	159	77.1	104.3	122.6	110.7	82.0	75.2
2006	175	77.0	104.8	122.7	109.5	81.4	74.5
2007	178	77.2	104.6	122.6	118.8	87.8	79.9
2008	193	76.4	104.6	123.4	111.4	83.0	75.5
2009	267	76.6	105.2	123.1	110.5	82.1	75.0
2010	334	76.5	104.8	123.1	111.9	83.0	76.1
2011	353	76.4	104.9	123.2	115.5	85.4	78.1
2012	388	76.5	105.2	123.0	112.1	82.8	75.7
2013	335	76.7	105.7	122.8	112.6	83.8	77.0
2014	391	77.3	104.9	122.2	108.3	80.1	73.8
2015	344	77.2	104.7	122.2	108.2	80.4	74.0
2016	323	77.1	104.7	122.3	98.6	73.2	67.5
2017	343	77.0	104.7	122.4	100.0	74.1	68.7
2018	297	77.4	104.7	122.1	89.3	65.9	61.2
2019	319	77.4	105.5	122.1	70.3	51.9	48.3
2020	294	76.9	104.7	122.6	45.9	34.1	31.7

2021            89        76.6    104.7    122.9        30.3        22.6        20.8

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Tabel: 145 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	106.7	131.1	100.8	119.3	111.3	106.0	101.7	102.5	117.4	106.0	109.0
2000	19	105.3	127.9	100.8	117.1	109.6	105.9	100.8	101.7	115.0	105.8	106.6
2001	32	107.1	131.8	100.1	121.8	109.3	105.7	102.5	102.5	117.0	106.1	110.6
2002	41	106.4	129.5	100.9	118.8	109.8	105.6	101.7	102.4	116.2	105.6	108.5
2003	80	106.6	129.9	101.1	118.5	110.7	105.6	101.8	102.5	116.7	105.7	108.3
2004	80	106.4	128.4	100.6	118.0	109.9	105.5	101.9	102.7	115.1	105.5	107.5
2005	86	106.1	127.9	100.5	117.3	109.8	105.0	101.8	102.3	114.6	105.2	106.6
2006	108	105.9	127.6	100.8	117.1	109.9	104.8	101.7	101.8	114.7	105.1	106.8
2007	88	107.1	129.0	100.8	118.0	111.3	104.8	102.6	102.0	116.0	105.6	107.8
2008	129	106.4	128.5	101.0	117.5	110.5	104.9	102.1	102.0	115.3	105.5	107.2
2009	124	106.3	129.0	101.7	118.0	110.6	105.7	101.7	101.9	116.4	106.1	108.0
2010	131	105.7	126.7	101.4	117.0	109.2	105.5	101.5	102.1	114.5	105.8	107.0
2011	145	105.3	127.4	101.5	117.5	109.0	105.7	101.1	101.7	114.7	105.9	107.2
2012	134	104.7	126.2	102.1	116.4	108.3	105.9	100.6	101.7	114.2	106.0	106.5
2013	83	104.5	125.5	101.4	116.3	107.9	105.6	100.8	101.4	113.6	105.7	106.4
2014	52	105.1	126.0	101.7	116.8	108.3	105.9	101.2	101.9	113.9	106.2	106.8
2015	28	105.4	125.6	101.9	116.5	108.1	105.4	101.4	102.2	113.7	105.8	106.9
2016	17	105.0	123.8	101.9	115.4	107.6	105.4	101.1	101.9	112.5	105.7	105.9

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Tabel: 146 Witblauw Mixte: Levensproductiekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	152	-1343.9	-3850.5	-240.0	-192.2
2002	139	-1413.7	-4125.0	-252.8	-201.8
2003	165	-1266.8	-3513.6	-227.0	-181.1
2004	181	-1204.3	-3158.1	-219.2	-171.1
2005	210	-1098.3	-2701.7	-200.2	-156.4
2006	224	-1240.2	-3327.8	-228.3	-174.7
2007	218	-1241.7	-3252.2	-226.4	-176.2
2008	247	-1277.7	-3567.5	-236.7	-178.6
2009	208	-1230.6	-3306.1	-231.6	-170.6
2010	269	-1179.9	-3018.5	-218.7	-165.7
2011	312	-1254.8	-3283.7	-236.0	-174.2
2012	321	-1259.2	-3265.0	-236.0	-175.3
2013	293	-1219.1	-3092.5	-226.9	-170.7
2014	279	-1232.3	-3137.9	-225.4	-174.5
2015	257	-1283.3	-3348.1	-236.9	-180.3
2016	236	-1181.4	-2897.9	-216.2	-167.6
2017	222	-1020.9	-2165.4	-188.8	-144.9
2018	111	-1007.6	-2002.4	-191.0	-141.1

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Tabel: 147 Witblauw Mixte: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
2013	17	89.1	98.9	102.4
2016	14	85.4	97.0	100.9
2017	15	85.3	96.5	99.2

Tabel: 148 Witblauw Mixte: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1982	10	101.1	96.6	0	0.0	0.0	0	0.0
1983	11	101.3	95.0	0	0.0	0.0	0	0.0
1984	15	101.1	95.4	0	0.0	0.0	0	0.0
1985	27	99.9	95.7	0	0.0	0.0	0	0.0
1986	27	99.2	95.7	0	0.0	0.0	0	0.0
1987	36	100.9	96.2	0	0.0	0.0	0	0.0
1988	31	99.8	95.4	0	0.0	0.0	0	0.0
1989	32	99.1	95.7	0	0.0	0.0	0	0.0
1990	52	99.5	95.6	0	0.0	0.0	0	0.0
1991	63	99.0	95.5	0	0.0	0.0	0	0.0
1992	60	98.2	95.9	0	0.0	0.0	0	0.0
1993	84	98.5	95.6	0	0.0	0.0	0	0.0
1994	116	98.2	95.6	0	0.0	0.0	0	0.0
1995	109	98.2	96.0	0	0.0	0.0	0	0.0
1996	139	98.5	96.3	0	0.0	0.0	0	0.0
1997	130	98.1	96.2	0	0.0	0.0	0	0.0
1998	145	97.6	95.6	0	0.0	0.0	0	0.0
1999	135	97.5	95.7	1	-3.3	89.0	0	0.0
2000	164	97.8	96.0	0	0.0	0.0	0	0.0
2001	160	97.5	96.0	0	0.0	0.0	0	0.0
2002	152	98.1	96.5	0	0.0	0.0	0	0.0
2003	187	98.3	96.3	0	0.0	0.0	0	0.0
2004	218	97.8	96.3	0	0.0	0.0	0	0.0
2005	250	98.1	96.5	0	0.0	0.0	0	0.0
2006	263	97.9	96.6	0	0.0	0.0	0	0.0
2007	248	97.8	96.3	0	0.0	0.0	0	0.0
2008	292	97.7	96.7	0	0.0	0.0	0	0.0
2009	261	97.5	96.8	0	0.0	0.0	0	0.0
2010	317	98.4	96.8	0	0.0	0.0	0	0.0
2011	336	98.0	97.3	0	0.0	0.0	0	0.0
2012	364	98.4	97.5	0	0.0	0.0	0	0.0
2013	344	98.0	97.3	0	0.0	0.0	1	100.0
2014	330	98.6	97.9	0	0.0	0.0	0	0.0
2015	302	98.7	97.9	0	0.0	0.0	0	0.0
2016	280	98.9	98.1	0	0.0	0.0	0	0.0
2017	277	99.1	98.1	0	0.0	0.0	0	0.0
2018	158	99.4	97.9	0	0.0	0.0	0	0.0

Tabel: 149 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	97.6
1992	11	100.0	0	0.0	0	0.0	11	97.8
1993	16	100.0	0	0.0	0	0.0	16	96.6
1994	20	100.0	0	0.0	0	0.0	20	97.3
1995	23	100.0	0	0.0	0	0.0	23	96.9
1996	36	100.0	0	0.0	0	0.0	36	96.5
1997	27	99.9	0	0.0	0	0.0	27	96.3
1998	50	100.0	0	0.0	0	0.0	50	96.8
1999	46	100.0	0	0.0	0	0.0	46	97.4
2000	69	100.0	0	0.0	0	0.0	69	97.0
2001	78	99.9	0	0.0	0	0.0	78	97.1
2002	67	99.9	0	0.0	0	0.0	67	96.6
2003	99	100.0	0	0.0	0	0.0	99	96.5
2004	126	99.9	0	0.0	0	0.0	126	96.5
2005	135	99.9	0	0.0	0	0.0	135	96.7
2006	162	100.0	0	0.0	0	0.0	162	96.9
2007	172	99.9	0	0.0	0	0.0	172	97.0
2008	213	99.9	0	0.0	0	0.0	213	97.1
2009	215	99.9	0	0.0	0	0.0	215	97.2
2010	304	99.9	0	0.0	0	0.0	304	97.5
2011	337	100.0	0	0.0	0	0.0	337	98.0
2012	365	100.0	0	0.0	0	0.0	365	97.9
2013	341	100.0	0	0.0	0	0.0	341	97.8
2014	323	100.0	0	0.0	0	0.0	323	98.1
2015	291	100.0	0	0.0	0	0.0	291	98.1
2016	271	100.0	0	0.0	0	0.0	271	98.1
2017	264	100.0	0	0.0	0	0.0	264	98.1
2018	175	100.0	0	0.0	0	0.0	175	97.8
2019	13	99.8	0	0.0	0	0.0	13	97.2

Tabel: 150 Rood Dubbeldoel: Melkproductiekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	21	-1716.9	-74.0	-69.0	-85.2	4.7	-12.0	-13.2	-464.0
1981	16	-1713.4	-79.1	-69.4	-84.8	-6.0	-13.4	-12.7	-476.1
1982	18	-1832.1	-78.8	-72.6	-90.4	5.9	-11.2	-13.4	-490.3
1983	46	-1998.3	-85.1	-77.0	-97.9	8.8	-7.1	-13.5	-523.8
1984	51	-2172.7	-91.3	-82.2	-105.9	13.2	-4.5	-14.0	-560.6
1985	63	-2223.1	-97.3	-84.5	-108.2	4.7	-5.3	-14.0	-583.2
1986	95	-2296.9	-98.1	-85.8	-111.6	10.7	-1.8	-14.4	-591.2
1987	139	-2223.3	-96.0	-84.0	-108.2	7.2	-4.2	-14.2	-578.6
1988	181	-2160.5	-92.5	-82.1	-105.4	9.1	-5.1	-14.0	-562.6
1989	173	-2112.3	-91.4	-81.4	-103.2	6.2	-7.6	-13.9	-556.7
1990	162	-2019.6	-86.7	-78.8	-98.9	7.5	-8.9	-13.6	-534.9
1991	129	-1945.2	-85.3	-77.5	-95.5	3.5	-12.2	-13.4	-525.6
1992	80	-2017.1	-85.5	-78.5	-98.9	11.1	-8.2	-13.8	-531.1
1993	67	-1907.5	-82.7	-75.5	-93.9	5.8	-10.5	-13.5	-511.3

1994	64	-1790.6	-77.7	-71.8	-88.5	5.4	-12.0	-13.2	-484.2
1995	58	-1799.3	-79.4	-73.1	-88.8	1.9	-14.2	-13.1	-492.9
1996	31	-1954.8	-79.6	-72.9	-95.9	17.2	-1.5	-13.2	-494.9
1997	29	-1866.4	-80.2	-72.2	-92.0	5.9	-7.1	-13.2	-492.1
1998	36	-1781.8	-81.1	-72.1	-88.1	-3.6	-13.3	-13.0	-492.3
1999	37	-1732.0	-79.1	-71.1	-85.8	-3.9	-15.1	-12.9	-483.3
2000	31	-1710.2	-77.4	-68.0	-84.7	-2.0	-10.0	-12.8	-466.7
2001	35	-1603.1	-71.9	-65.5	-79.9	-0.9	-12.9	-12.7	-443.6
2002	40	-1681.3	-78.6	-68.4	-64.5	-7.3	-12.8	26.5	-464.9
2003	43	-1677.2	-79.6	-68.8	-54.1	-10.0	-14.2	49.6	-465.5
2004	47	-1470.5	-73.2	-64.8	-45.4	-14.9	-21.0	45.4	-433.1
2005	36	-1594.1	-77.1	-67.7	-49.9	-12.3	-18.2	48.6	-454.6
2006	61	-1427.6	-71.6	-62.6	-44.4	-15.9	-19.7	42.8	-420.6
2007	42	-1492.9	-76.4	-65.4	-46.7	-20.0	-20.7	44.9	-442.7
2008	46	-1365.0	-69.8	-61.0	-43.1	-17.7	-20.7	38.8	-409.7
2009	30	-1590.2	-81.2	-67.2	-51.4	-21.4	-17.5	45.3	-461.7
2010	28	-1359.4	-70.4	-61.8	-45.5	-19.3	-22.5	33.2	-414.8
2011	27	-1290.4	-70.2	-58.7	-38.8	-24.8	-21.4	40.2	-399.8
2012	32	-1434.6	-73.1	-61.8	-45.5	-17.8	-17.7	41.6	-420.7
2013	25	-1429.6	-66.8	-61.4	-42.0	-6.3	-17.2	47.8	-404.4
2014	23	-1316.1	-64.7	-58.1	-41.1	-12.0	-18.5	38.3	-386.4
2015	41	-1308.9	-68.0	-58.0	-40.0	-19.0	-19.0	39.9	-392.9
2016	26	-1387.4	-69.8	-59.1	-45.3	-15.4	-15.4	37.1	-402.5
2017	34	-1396.3	-64.8	-60.3	-39.9	-4.6	-17.2	48.9	-395.4
2018	18	-1444.2	-67.3	-62.7	-39.6	-6.3	-19.2	54.1	-410.5

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

Tabel: 151 Rood Dubbeldoel: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	10	96.4	96.0	96.0	99.0	101.7	92.0	99.9
1986	13	96.0	94.4	94.8	98.7	100.6	93.2	100.8
1987	19	95.3	95.2	95.3	98.9	100.9	93.0	100.3
1988	24	96.2	95.8	95.8	99.3	100.9	92.2	102.2
1989	34	95.1	96.4	95.6	98.7	101.7	92.1	101.6
1990	43	96.4	95.4	95.3	98.7	101.1	92.5	102.5
1991	21	95.8	95.1	95.8	99.2	100.7	92.7	101.6
1992	15	96.0	96.5	95.4	98.3	102.6	92.2	101.8
1993	16	96.2	95.4	95.5	99.2	101.0	92.9	101.2
1994	16	95.7	97.8	96.0	98.6	103.1	91.9	102.0
1995	15	95.3	97.7	95.6	99.1	102.2	92.7	102.9
1998	12	96.6	95.8	95.4	99.5	101.6	94.5	100.5
1999	11	97.5	95.6	96.7	100.0	100.5	92.5	102.5
2001	10	97.0	96.2	96.3	99.8	101.3	93.2	101.9
2002	14	96.6	95.9	96.9	99.9	101.4	93.9	101.4

Tabel: 152 Rood Dubbeldoel: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
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1985	10	96.7	100.4	103.1	94.0	95.9
1986	13	95.2	101.0	101.5	93.0	94.5
1987	19	95.5	101.4	101.4	92.9	94.9
1988	24	95.9	101.0	102.2	93.2	95.1
1989	34	95.1	101.8	101.2	92.7	94.2
1990	43	95.3	100.4	102.3	92.9	94.5
1991	21	95.6	100.3	102.5	92.9	94.8
1992	15	95.8	101.0	102.6	93.5	94.9
1993	16	94.6	101.0	101.6	92.5	93.9
1994	16	95.2	100.3	102.8	93.2	94.2
1995	15	95.4	101.9	101.2	93.0	94.4
1998	12	96.8	100.5	102.8	94.1	96.5
1999	11	96.7	99.4	103.6	94.0	96.1
2001	10	96.7	99.1	104.2	94.0	95.8
2002	14	97.7	98.5	104.7	94.4	96.8

Tabel: 153 Rood Dubbeldoel: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	10	97.0	93.7	103.9	99.8	95.9	98.3	95.4
1986	13	96.8	92.1	104.8	99.3	96.2	98.0	94.4
1987	19	96.6	93.6	103.6	99.8	95.8	98.3	95.2
1988	24	96.3	93.4	104.2	99.0	95.5	98.5	95.2
1989	34	96.8	93.0	104.9	99.5	95.3	97.7	94.4
1990	43	97.2	92.9	104.8	99.6	95.8	97.8	94.5
1991	21	96.5	94.5	104.3	98.6	96.0	97.9	95.2
1992	15	96.5	92.5	106.2	99.4	95.2	98.7	95.1
1993	16	96.1	91.6	105.9	99.4	95.6	97.2	93.4
1994	16	95.9	92.3	105.5	99.2	95.6	98.4	94.5
1995	15	95.7	92.1	105.5	98.7	95.1	97.3	93.9
1998	12	96.0	94.1	103.8	99.8	95.8	98.9	95.7
1999	11	96.9	94.5	104.4	100.0	96.1	99.0	96.1
2001	10	97.0	95.0	103.7	100.7	95.7	98.8	95.8
2002	14	97.2	96.4	103.7	100.3	96.4	99.3	96.6

Tabel: 154 Rood Dubbeldoel: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	10	93.0	100.2	97.4	96.3	101.0	94.7
1986	13	93.3	98.9	97.3	94.7	100.1	93.5
1987	19	93.3	99.5	97.3	94.9	100.2	93.7
1988	24	94.1	100.5	96.8	95.5	100.0	94.3
1989	34	93.9	100.4	97.0	94.3	100.1	93.6
1990	43	94.1	100.0	97.3	94.7	100.3	93.9
1991	21	93.8	100.0	96.8	95.0	100.0	93.8
1992	15	94.1	100.7	96.6	95.1	101.1	94.0
1993	16	93.8	99.9	96.6	94.0	99.5	93.0

1994	16	94.6	101.6	96.6	94.6	101.2	94.0
1995	15	94.9	101.3	96.1	94.4	100.4	93.6
1998	12	94.2	100.4	97.0	96.6	100.2	94.9
1999	11	94.1	100.7	97.5	96.4	99.6	95.0
2001	10	94.4	101.1	97.7	96.3	100.2	95.3
2002	14	94.9	101.0	98.1	97.2	100.3	96.1

Tabel: 155 Rood Dubbeldoel: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	93	97.9	105.4	100.0	102.3	98.8	96.7	94.3	101.8
1981	47	97.3	105.9	99.5	102.5	98.5	96.0	93.3	101.5
1982	76	98.7	105.0	99.5	102.3	99.1	96.5	91.7	101.2
1983	107	99.2	105.9	100.8	103.3	100.1	96.8	92.6	102.6
1984	108	99.1	104.6	99.4	102.2	99.4	96.5	91.1	101.1
1985	121	98.7	105.0	99.2	102.2	99.1	96.1	90.5	101.0
1986	146	98.6	104.6	98.8	101.8	98.8	95.9	90.8	100.6
1987	177	98.1	104.9	98.8	102.0	98.6	95.6	91.2	100.6
1988	228	99.0	104.6	99.3	102.1	99.3	96.6	91.3	101.0
1989	238	99.0	105.2	99.8	102.7	99.6	96.3	91.5	101.6
1990	209	98.8	104.6	99.3	102.0	99.1	96.1	91.1	100.9
1991	168	99.2	104.5	99.7	102.2	99.6	96.5	91.4	101.2
1992	115	98.6	104.8	99.4	102.2	99.2	96.2	91.4	101.1
1993	92	99.3	104.2	99.4	101.9	99.5	96.5	91.1	100.9
1994	81	99.2	104.0	99.1	101.8	99.3	96.7	91.3	100.7
1995	71	100.1	104.4	100.1	102.5	100.4	97.2	91.9	101.5
1996	45	100.0	104.4	100.3	102.8	100.5	97.0	91.5	101.8
1997	36	99.3	103.6	99.0	101.6	99.5	96.5	91.1	100.4
1998	42	99.5	103.8	99.2	101.8	99.5	96.5	91.7	100.7
1999	43	99.7	103.9	99.4	102.0	99.9	96.6	91.5	100.9
2000	33	99.2	103.8	99.0	101.6	99.5	96.0	91.2	100.5
2001	39	99.2	104.4	99.5	102.1	99.7	96.1	91.7	101.1
2002	48	99.1	104.7	99.5	102.5	99.7	96.0	92.0	101.1
2003	53	99.4	104.2	99.4	102.0	99.8	96.4	91.2	100.9
2004	65	98.9	103.8	98.7	101.5	99.2	96.2	91.7	100.2
2005	61	98.9	104.0	98.8	101.6	99.2	95.9	91.2	100.4
2006	67	99.4	103.5	99.0	101.5	99.5	96.4	91.5	100.3
2007	58	99.1	103.6	98.8	101.4	99.3	95.9	91.6	100.3
2008	62	99.8	103.3	99.2	101.4	99.6	96.3	91.7	100.5
2009	48	99.6	103.7	99.4	101.7	99.7	96.2	92.2	100.8
2010	43	99.5	104.1	99.7	102.1	99.8	96.3	92.2	101.1
2011	45	99.5	103.8	99.5	101.8	99.7	96.4	92.3	100.8
2012	54	98.8	104.1	99.4	101.8	99.3	96.5	93.8	100.8
2013	46	99.9	103.1	99.4	101.3	99.8	96.7	92.9	100.6
2014	38	99.1	104.1	99.4	101.7	99.4	96.1	92.9	100.9
2015	61	99.3	103.2	99.2	101.3	99.5	96.1	93.3	100.5
2016	33	99.3	103.8	99.5	101.8	99.7	96.5	93.8	100.9
2017	44	99.0	104.1	99.4	102.0	99.5	96.2	93.5	100.9
2018	23	99.4	104.3	99.9	102.3	99.9	96.5	93.6	101.4
2019	12	99.0	105.0	100.7	103.0	100.2	96.3	95.2	102.2

Tabel: 156 Rood Dubbeldoel: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1986	11	97.1	0.0	92.5	100.5	102.4
1987	13	96.8	0.0	93.3	101.5	103.3
1988	19	96.2	5.2	92.7	100.8	102.2
1989	30	96.3	3.2	92.9	101.1	102.6
1990	34	96.2	0.0	92.3	100.7	101.6
1991	17	95.6	0.0	92.6	100.6	102.9
1992	10	96.2	0.0	92.1	100.7	101.4
1993	12	97.2	8.1	92.7	101.0	102.0
1994	16	95.5	73.7	92.4	100.9	102.3
1995	15	96.8	85.4	93.1	100.8	103.4
1998	12	97.2	72.8	92.1	100.1	102.3
1999	11	97.1	97.4	92.8	100.5	102.8
2001	10	96.3	98.4	93.3	100.8	102.0
2002	15	95.3	90.9	92.9	100.1	102.4

Tabel: 157 Rood Dubbeldoel: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	21	-158.5	-464.0	0.0	102.2	101.8	97.0	98.0	0.0	0.0
1981	16	-164.0	-476.1	0.0	101.8	101.5	98.0	96.0	0.0	0.0
1982	18	-178.3	-490.3	-457.0	102.0	101.2	97.2	95.2	0.0	0.0
1983	46	-178.7	-523.8	0.0	102.7	102.6	97.4	94.4	0.0	0.0
1984	51	-192.8	-560.6	-73.2	102.6	101.1	96.9	96.4	98.0	0.0
1985	63	-201.3	-583.2	0.0	102.7	101.0	97.4	96.3	0.0	73.5
1986	95	-211.4	-591.2	210.0	101.8	100.6	97.3	94.7	0.0	79.3
1987	139	-200.5	-578.6	159.4	102.8	100.6	97.3	94.9	0.0	58.6
1988	181	-199.6	-562.6	250.8	101.8	101.0	96.8	95.5	0.0	66.0
1989	173	-200.0	-556.7	228.2	102.2	101.6	97.0	94.3	0.0	56.4
1990	162	-194.4	-534.9	272.5	101.4	100.9	97.3	94.7	0.0	65.0
1991	129	-181.7	-525.6	177.6	102.1	101.2	96.8	95.0	0.0	61.5
1992	80	-192.1	-531.1	198.0	101.3	101.1	96.6	95.1	0.0	55.7
1993	67	-188.0	-511.3	128.5	101.7	100.9	96.6	94.0	0.0	66.1
1994	64	-172.3	-484.2	164.0	101.9	100.7	96.6	94.6	0.0	55.2
1995	58	-180.6	-492.9	5.6	102.5	101.5	96.1	94.4	0.0	49.5
1996	31	-184.6	-494.9	-142.4	101.6	101.8	98.1	95.8	0.0	48.7
1997	29	-183.6	-492.1	-53.6	102.1	100.4	97.2	96.6	0.0	52.8
1998	36	-193.0	-492.3	-140.0	101.5	100.7	97.0	96.6	0.0	58.7
1999	37	-192.8	-483.3	-285.9	102.1	100.9	97.5	96.4	0.0	51.7
2000	31	-189.4	-466.7	-352.4	102.2	100.5	98.0	96.6	0.0	42.5
2001	35	-184.3	-443.6	-311.4	101.7	101.1	97.7	96.3	0.0	48.9
2002	40	-192.2	-464.9	-342.6	101.6	101.1	98.1	97.2	0.0	60.9
2003	43	-194.7	-465.5	-364.1	101.2	100.9	98.5	98.5	0.0	69.1
2004	47	-181.8	-433.1	-327.0	102.1	100.2	0.0	0.0	0.0	64.1
2005	36	-194.8	-454.6	-363.8	101.0	100.4	0.0	0.0	0.0	65.9
2006	61	-179.3	-420.6	-361.6	101.9	100.3	98.0	95.0	0.0	61.4
2007	42	-176.8	-442.7	-332.3	102.2	100.3	96.0	94.0	0.0	58.1
2008	46	-166.9	-409.7	-315.7	102.1	100.5	97.0	96.0	0.0	57.6

2009	30	-194.3	-461.7	-359.6	101.6	100.8	0.0	0.0	0.0	65.4
2010	28	-164.2	-414.8	-253.4	103.2	101.1	100.0	95.0	0.0	59.7
2011	27	-155.3	-399.8	-275.1	101.7	100.8	0.0	0.0	0.0	46.6
2012	32	-169.3	-420.7	-378.2	101.8	100.8	102.0	97.0	0.0	50.7
2013	25	-159.6	-404.4	-378.9	103.3	100.6	0.0	0.0	0.0	48.6
2014	23	-146.0	-386.4	-308.5	102.6	100.9	0.0	0.0	0.0	49.9
2015	41	-160.7	-392.9	-345.5	102.1	100.5	0.0	0.0	0.0	50.9
2016	26	-162.7	-402.5	-396.8	102.5	100.9	0.0	0.0	0.0	50.4
2017	34	-146.6	-395.4	-330.1	103.6	100.9	0.0	0.0	0.0	56.9
2018	18	-147.9	-410.5	-294.7	103.6	101.4	0.0	0.0	0.0	68.3

Tabel: 158 Rood Dubbeldoel: Geboortekennmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1983	19	78.8	107.1	128.3	51.6	44.3	46.4
1984	30	80.1	105.6	126.9	43.3	37.7	38.2
1985	33	78.2	106.5	129.1	79.5	68.5	69.5
1986	44	78.0	107.5	129.2	88.2	77.2	80.2
1987	78	77.8	106.5	129.5	91.5	78.8	80.8
1988	119	77.3	108.3	130.0	90.4	77.4	78.5
1989	105	76.2	107.1	131.8	82.3	70.8	73.3
1990	112	78.1	107.5	128.9	78.0	67.4	70.5
1991	70	81.6	105.8	124.8	88.2	76.5	78.8
1992	55	80.9	106.6	126.4	77.1	68.3	72.5
1993	45	77.3	107.1	130.1	59.1	52.5	55.4
1994	22	78.4	106.2	128.6	92.1	82.0	85.8
1995	16	80.8	105.1	126.2	107.8	93.6	95.6
1996	10	79.0	106.2	128.4	107.1	93.2	96.3
1998	17	79.9	105.2	126.9	87.8	76.7	80.9
1999	25	80.6	105.5	126.2	89.7	78.7	82.8
2000	15	77.6	106.3	129.5	99.5	87.8	91.9
2001	20	81.2	105.0	125.5	96.9	85.0	87.4
2002	30	81.0	103.6	125.7	103.4	90.3	94.0
2003	21	80.7	105.0	126.0	95.9	84.8	87.4
2004	33	81.6	103.9	125.1	103.0	90.8	93.6
2005	13	79.8	105.7	127.2	73.5	65.1	67.7
2006	32	80.8	105.2	126.1	103.1	90.2	94.1
2007	36	82.7	104.5	123.6	102.6	91.1	96.7
2008	39	82.7	104.1	123.6	105.6	92.9	99.7
2009	37	82.3	104.7	124.2	102.7	90.5	96.7
2010	33	82.5	106.2	123.9	106.8	93.0	101.0
2011	28	82.9	104.4	123.5	106.1	93.2	100.0
2012	37	83.3	105.4	123.0	103.5	90.4	96.6
2013	33	85.3	104.4	120.8	107.2	91.8	97.3
2014	27	82.9	105.0	123.5	106.9	93.0	98.7
2015	47	84.3	104.1	121.9	106.9	92.3	97.6
2016	30	85.0	102.8	120.8	107.7	92.3	95.7
2017	40	82.4	104.5	124.1	107.0	92.8	96.1
2018	34	82.2	104.6	124.4	107.3	92.5	95.4
2019	32	83.3	104.5	123.0	97.5	84.2	86.8
2020	23	83.9	104.7	122.3	89.2	76.6	80.4
2021	19	83.4	103.4	123.3	96.2	82.9	85.9

Tabel: 159 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	103.2	109.5	96.6	108.9	104.2	100.9	102.4	98.2	108.0	98.5	107.0
2003	16	103.3	113.3	96.9	110.2	105.7	100.9	102.1	97.8	110.4	98.2	108.1
2004	25	101.4	109.1	98.6	107.3	103.1	101.4	100.6	97.2	107.6	98.6	105.8
2005	12	101.8	110.2	99.5	107.5	104.3	101.8	100.8	97.7	109.0	99.0	106.2
2006	17	102.5	110.1	98.0	109.1	103.9	101.6	101.5	98.2	108.2	98.8	107.2
2007	27	101.6	106.6	99.1	106.4	102.7	101.7	100.8	98.3	106.2	99.1	105.4
2008	36	101.7	107.2	98.6	106.6	103.1	101.6	100.8	98.4	106.6	98.8	105.4
2009	28	101.3	106.4	98.6	105.6	102.9	101.6	100.2	98.7	106.1	99.0	104.5
2010	14	102.0	106.3	99.8	105.8	103.4	102.2	100.7	99.2	106.5	99.7	105.3
2011	16	101.8	107.2	99.2	106.4	103.3	101.7	100.9	98.4	106.6	99.1	105.5
2012	19	102.2	107.8	98.2	107.1	103.6	101.4	101.3	98.2	106.9	98.6	105.9
2015	11	101.0	106.5	99.1	105.7	102.7	101.9	100.1	98.5	106.0	99.3	104.4

Tabel: 160 Rood Dubbeldoel: Levensproductiekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36	-3407.5	-13471.1	-569.3	-495.0
2002	40	-3663.0	-14324.6	-617.1	-525.6
2003	43	-3799.2	-14808.8	-639.7	-543.2
2004	47	-3517.5	-13466.6	-589.4	-505.7
2005	36	-3759.3	-14543.9	-631.6	-538.8
2006	61	-3635.2	-13975.6	-612.0	-521.2
2007	40	-3559.2	-13603.1	-600.9	-509.6
2008	46	-3382.7	-12882.3	-568.6	-486.3
2009	30	-3750.6	-14377.1	-638.4	-534.1
2010	28	-3076.2	-11518.0	-515.2	-444.5
2011	27	-3149.3	-11803.9	-535.4	-450.1
2012	32	-3728.8	-14363.9	-633.0	-531.9
2013	25	-3692.2	-14375.6	-616.7	-530.6
2014	23	-3291.0	-12635.0	-550.1	-474.3
2015	41	-3495.4	-13411.6	-592.3	-499.6
2016	26	-3774.1	-14654.9	-642.1	-537.8
2017	34	-3426.8	-13287.4	-569.1	-494.1
2018	18	-3327.1	-12857.7	-549.8	-481.1

Tabel: 161 Rood Dubbeldoel: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	21	100.5	95.8	0	0.0	0.0	0	0.0
1981	16	100.6	95.7	0	0.0	0.0	0	0.0

1982	18	100.1	96.3	0	0.0	0.0	0	0.0
1983	46	100.0	95.3	0	0.0	0.0	0	0.0
1984	51	99.3	95.9	0	0.0	0.0	0	0.0
1985	63	100.1	96.3	63	-5.1	73.5	0	0.0
1986	95	99.7	95.7	95	-5.2	79.3	0	0.0
1987	139	99.5	95.7	139	-4.8	58.6	0	0.0
1988	181	99.2	95.7	181	-4.8	66.0	0	0.0
1989	173	100.1	96.4	173	-4.6	56.4	0	0.0
1990	162	100.2	96.8	162	-4.6	65.0	0	0.0
1991	129	99.3	96.8	129	-4.4	61.5	0	0.0
1992	80	100.5	97.5	80	-4.4	55.7	0	0.0
1993	67	99.8	97.5	69	-4.4	66.1	0	0.0
1994	64	100.1	96.7	64	-4.1	55.2	0	0.0
1995	58	99.6	95.6	58	-4.0	49.5	0	0.0
1996	31	98.9	95.7	31	-4.1	48.7	0	0.0
1997	29	100.7	96.2	29	-4.1	52.8	0	0.0
1998	36	100.0	96.9	36	-4.2	58.7	0	0.0
1999	37	100.4	96.9	37	-4.0	51.7	0	0.0
2000	31	100.5	96.3	31	-3.8	42.5	0	0.0
2001	35	101.3	96.3	35	-3.7	48.9	10	97.0
2002	40	101.0	97.0	40	-3.9	60.9	14	96.9
2003	43	100.6	96.3	43	-4.0	69.1	2	94.5
2004	47	100.8	96.7	47	-3.7	64.1	0	0.0
2005	36	101.1	96.9	36	-3.8	65.9	0	0.0
2006	61	101.3	96.6	61	-3.6	61.4	1	99.0
2007	42	102.0	97.0	42	-3.7	58.1	1	97.0
2008	46	102.0	97.7	46	-3.4	57.6	1	96.0
2009	30	102.0	97.4	30	-3.9	65.4	0	0.0
2010	28	102.5	96.7	28	-3.5	59.7	1	95.0
2011	27	102.2	98.3	27	-3.2	46.6	0	0.0
2012	32	102.6	98.2	32	-3.4	50.7	1	95.0
2013	25	102.2	97.5	25	-3.2	48.6	0	0.0
2014	23	101.5	97.0	23	-3.1	49.9	0	0.0
2015	41	101.8	98.1	41	-3.2	50.9	0	0.0
2016	26	101.3	97.0	26	-3.3	50.4	0	0.0
2017	34	101.8	97.7	34	-3.3	56.9	0	0.0
2018	18	102.1	97.9	18	-3.5	68.3	0	0.0

Tabel: 162 Rood Dubbeldoel: Stofwisselingsaandoeningen

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1999	12	100.0	0	0.0	0	0.0	12	97.5
2002	14	100.0	0	0.0	0	0.0	14	97.5
2004	19	100.0	0	0.0	0	0.0	19	97.7
2006	26	100.0	0	0.0	0	0.0	26	97.5
2007	23	100.0	0	0.0	0	0.0	23	97.6
2008	22	100.0	0	0.0	0	0.0	22	98.4
2009	23	100.0	0	0.0	0	0.0	23	99.0
2010	27	100.0	0	0.0	0	0.0	27	98.3
2011	25	100.0	0	0.0	0	0.0	25	99.1
2012	32	99.9	0	0.0	0	0.0	32	97.5
2013	25	100.0	0	0.0	0	0.0	25	96.8
2014	20	100.0	0	0.0	0	0.0	20	98.0

2015	38	100.0	0	0.0	0	0.0	38	98.6
2016	23	100.0	0	0.0	0	0.0	23	99.2
2017	31	100.0	0	0.0	0	0.0	31	98.5
2018	16	100.0	0	0.0	0	0.0	16	98.4

Tabel: 163 Rood Vlees: Vruchtbaarheidsskenmerken  
Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2005	12	97.9	104.2	99.9	102.2	99.2	96.9	117.2	101.4
2006	13	97.6	104.5	99.5	102.2	98.9	96.8	116.4	101.1
2007	12	98.5	104.2	100.2	102.3	99.3	96.7	115.5	101.7
2008	19	98.1	104.4	99.6	102.1	99.2	96.7	115.5	101.1
2009	18	98.8	103.9	100.3	102.2	99.7	96.4	115.5	101.6
2010	40	98.0	105.1	100.6	102.8	99.5	96.8	116.4	102.2
2011	70	98.5	105.2	100.9	103.1	100.0	97.0	116.7	102.5
2012	55	98.6	104.9	100.9	103.0	100.0	96.9	116.4	102.3
2013	53	99.4	104.9	101.7	103.5	100.7	97.6	117.3	102.9
2014	71	99.2	104.3	101.0	102.9	100.4	97.4	116.9	102.2
2015	70	98.6	104.4	100.4	102.6	99.8	97.1	116.7	101.8
2016	69	99.4	104.7	101.3	103.3	100.7	97.5	116.3	102.5
2017	55	99.6	104.9	101.7	103.5	100.9	97.6	116.9	102.9
2018	27	99.7	104.7	101.6	103.5	100.9	97.7	116.8	102.9
2019	19	100.4	104.6	101.6	103.6	101.4	98.7	117.0	102.5

Tabel: 164 Rood Vlees: Geboortekenmerken  
Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2013	11	116.5	102.5	85.1	69.3	73.5	83.0
2015	13	113.4	103.9	88.4	65.2	70.5	80.3
2016	15	113.7	104.5	87.6	55.9	61.7	69.7
2017	24	114.1	103.5	86.9	54.9	59.8	66.2
2019	11	113.3	103.7	88.4	42.7	46.7	52.6
2021	13	112.2	106.2	91.1	50.4	55.8	63.4

Tabel: 165 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	Gr_st
2005	10	92.8	59.6	96.5	84.1	82.0	93.5	99.5	96.2	84.2	94.7	101.2
2006	13	93.2	59.2	94.8	84.3	82.1	93.1	100.0	96.7	83.8	94.4	100.7
2008	15	94.2	60.9	95.7	85.4	83.6	93.8	100.3	96.9	85.7	95.1	102.5
2010	22	94.6	61.0	94.8	86.1	83.2	93.6	100.9	97.2	85.4	94.8	103.1
2011	27	93.8	59.3	94.4	85.5	81.6	93.3	100.4	97.4	83.5	94.5	102.2
2012	17	93.6	59.2	93.8	85.2	81.6	93.1	100.2	97.2	83.6	94.1	101.7

2013	21	92.1	58.8	95.4	85.2	80.4	94.5	98.8	96.4	83.9	94.7	101.5
2014	24	92.0	58.3	94.6	87.2	77.6	94.5	99.3	97.6	82.0	94.6	102.5
2015	18	94.2	61.2	94.2	89.9	79.5	94.8	101.1	98.1	83.6	95.3	105.1
2016	11	93.3	58.9	93.5	89.9	77.0	94.7	100.5	98.2	81.3	94.5	104.4

Tabel: 166 Witrood: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	593	-1756.4	-77.2	-70.9	-86.9	2.1	-13.2	-13.0	-479.2
1981	651	-1872.7	-82.5	-75.1	-92.2	1.8	-13.3	-13.2	-509.0
1982	685	-1880.2	-82.0	-75.5	-92.5	3.9	-13.4	-13.2	-509.5
1983	500	-1919.3	-83.1	-77.9	-94.3	5.2	-15.5	-13.3	-522.1
1984	492	-1981.4	-86.8	-79.8	-97.2	3.6	-14.9	-13.5	-538.5
1985	777	-1934.6	-86.1	-77.5	-95.0	0.6	-13.1	-13.4	-527.0
1986	1200	-1967.6	-86.3	-77.9	-96.5	3.5	-11.5	-13.5	-529.6
1987	2324	-1924.4	-84.0	-76.6	-94.6	4.3	-11.9	-13.4	-518.8
1988	3293	-1862.6	-82.2	-75.2	-91.7	2.3	-13.6	-13.3	-508.7
1989	3395	-1984.9	-85.9	-78.2	-97.3	6.7	-10.4	-13.6	-530.3
1990	3794	-1871.7	-82.3	-75.5	-92.2	3.6	-13.2	-13.3	-509.9
1991	4290	-1785.1	-79.2	-72.3	-88.2	1.6	-13.1	-13.1	-489.3
1992	4192	-1732.7	-78.0	-71.1	-85.8	-0.9	-14.6	-13.0	-480.9
1993	4077	-1643.4	-75.2	-68.4	-81.7	-3.4	-15.5	-12.8	-462.7
1994	3695	-1621.9	-72.9	-67.1	-80.7	-0.7	-14.5	-12.8	-452.2
1995	2870	-1477.2	-66.5	-62.7	-74.1	-1.0	-15.9	-12.5	-418.9
1996	1222	-1461.0	-66.4	-62.1	-73.4	-2.0	-16.1	-12.5	-416.1
1997	570	-1375.8	-65.5	-59.2	-69.5	-7.2	-16.1	-12.4	-401.3
1998	403	-1329.2	-62.2	-57.8	-67.4	-5.2	-16.7	-12.2	-388.0
1999	359	-1221.6	-59.3	-54.6	-62.5	-8.6	-17.7	-12.0	-367.1
2000	306	-1186.1	-58.7	-54.0	-60.8	-10.4	-18.9	-12.0	-362.7
2001	295	-1074.2	-55.0	-50.7	-55.6	-12.1	-20.0	-11.5	-340.0
2002	226	-1150.8	-57.2	-52.4	-56.3	-10.1	-18.2	-6.2	-352.0
2003	169	-1057.9	-57.4	-50.4	-42.1	-18.1	-20.5	12.7	-339.7
2004	209	-1101.8	-57.4	-50.7	-44.5	-14.5	-18.2	12.0	-341.7
2005	241	-1142.1	-61.1	-52.1	-47.2	-18.4	-18.0	10.5	-356.0
2006	247	-1048.1	-57.2	-48.9	-43.6	-18.2	-18.0	9.0	-333.7
2007	252	-1028.8	-59.5	-49.1	-43.0	-24.2	-19.8	8.3	-339.2
2008	237	-1021.1	-59.2	-48.9	-42.5	-24.3	-19.9	8.6	-337.9
2009	251	-952.6	-57.0	-46.1	-42.0	-26.1	-19.5	3.6	-321.3
2010	236	-912.9	-57.0	-44.9	-41.2	-28.9	-19.9	1.6	-316.4
2011	242	-987.7	-58.7	-47.2	-43.1	-26.6	-19.4	4.6	-329.7
2012	245	-970.5	-57.4	-46.3	-41.0	-25.3	-18.7	7.0	-322.8
2013	268	-1029.5	-60.4	-48.5	-44.4	-26.6	-19.2	5.7	-339.3
2014	270	-997.4	-60.4	-48.1	-42.9	-29.2	-20.1	5.8	-337.0
2015	256	-1056.9	-61.6	-50.0	-44.6	-26.5	-19.8	7.7	-347.7
2016	271	-1017.0	-61.2	-49.3	-41.8	-28.4	-21.1	9.5	-343.2
2017	251	-919.2	-56.7	-45.0	-38.2	-27.6	-19.4	7.5	-314.9
2018	167	-955.2	-57.1	-47.0	-39.7	-26.2	-21.0	8.0	-324.5
2019	11	-1181.2	-64.3	-55.3	-48.9	-22.6	-21.8	10.7	-376.4

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

Tabel: 167 Witrood: Exterieurkenmerken bouw

Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	40	95.5	94.6	97.2	99.7	100.9	92.9	99.3
1981	95	94.8	96.1	97.1	99.3	102.3	93.8	99.0
1982	143	95.8	93.2	95.8	99.5	100.2	92.9	97.1
1983	110	95.5	95.8	96.6	99.1	102.6	92.0	97.9
1984	102	97.5	95.9	97.6	100.4	101.9	94.6	100.2
1985	223	97.3	96.3	97.1	99.9	102.5	93.9	99.8
1986	290	97.6	96.8	97.7	100.3	102.8	94.0	100.4
1987	502	97.4	97.0	97.8	100.4	102.7	94.4	100.7
1988	676	96.9	97.0	97.5	100.2	102.9	94.3	99.9
1989	779	97.3	96.9	97.6	100.1	103.0	94.2	100.1
1990	1143	97.9	97.1	97.6	100.2	103.3	94.6	100.1
1991	1337	98.0	97.1	97.5	100.3	103.3	95.2	100.3
1992	1348	98.0	97.1	97.7	100.3	103.3	94.8	100.5
1993	1345	97.8	97.4	97.8	100.3	103.5	94.4	100.4
1994	1118	98.3	97.9	98.2	100.6	103.8	94.8	101.2
1995	779	98.8	97.6	98.4	100.9	103.3	94.9	101.2
1996	249	98.5	98.6	98.7	100.7	104.3	94.6	101.3
1997	103	98.5	97.5	99.1	101.4	102.9	94.1	101.5
1998	43	98.7	98.5	98.7	101.1	104.1	95.2	101.4
1999	27	98.5	97.4	97.9	100.7	103.3	95.2	100.9
2000	24	99.0	97.0	98.8	101.4	103.1	95.1	101.5
2001	19	101.2	97.6	101.3	103.4	101.9	94.9	102.3
2003	10	99.8	96.9	98.9	102.0	101.9	94.8	101.8
2005	11	101.5	97.6	100.8	103.1	102.0	94.7	103.1
2006	12	101.8	97.1	101.1	103.6	101.5	94.8	103.2

Tabel: 168 Witrood: Exterieurkenmerken beenwerk

Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	40	94.5	103.2	100.3	92.5	93.5
1981	95	95.1	104.9	100.1	93.2	93.6
1982	143	94.6	102.5	100.9	92.0	93.0
1983	110	95.6	103.0	100.2	93.5	94.0
1984	102	96.5	103.3	101.1	95.0	95.0
1985	223	96.8	104.2	100.6	94.9	95.1
1986	290	97.2	104.1	100.6	95.4	95.5
1987	502	96.9	103.4	101.5	95.4	95.2
1988	676	96.6	104.0	101.1	95.2	94.8
1989	779	96.7	104.2	100.6	94.9	95.0
1990	1143	96.6	103.7	101.8	95.0	94.5
1991	1337	96.7	103.5	101.8	95.1	94.7
1992	1348	96.8	104.0	101.1	95.1	95.0
1993	1345	96.6	104.5	100.6	94.9	94.8
1994	1118	96.8	104.4	100.9	95.2	94.9
1995	779	96.8	103.8	101.2	95.1	95.0
1996	249	96.6	104.6	101.0	95.0	94.7
1997	103	96.2	106.1	99.2	94.6	94.4
1998	43	96.5	105.5	99.6	95.1	94.6

1999	27	96.5	104.7	100.2	95.1	94.9
2000	24	96.2	105.9	99.3	95.0	94.9
2001	19	97.5	104.6	100.7	95.1	95.6
2003	10	96.8	104.7	100.9	94.6	94.6
2005	11	97.7	104.9	100.3	95.5	96.4
2006	12	97.2	105.3	99.8	95.2	96.0

Tabel: 169 Witrood: Exterieurkenmerken uier  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	40	96.8	93.4	102.4	100.0	94.1	95.8	94.9
1981	95	96.4	92.8	102.8	98.3	92.8	94.3	94.2
1982	143	96.7	93.3	102.1	100.0	93.8	96.5	95.3
1983	110	96.0	92.9	101.6	99.0	92.9	95.2	94.7
1984	102	96.8	93.5	102.4	100.2	92.8	95.3	94.9
1985	223	96.8	93.6	102.6	100.2	92.5	95.4	95.1
1986	290	97.7	93.2	103.6	100.7	92.8	94.9	94.5
1987	502	97.5	92.9	103.5	100.4	92.9	94.7	94.2
1988	676	97.2	93.3	103.8	99.8	92.9	94.9	94.7
1989	779	97.4	92.8	104.2	100.3	92.8	94.7	94.2
1990	1143	97.4	92.6	103.6	100.7	92.5	94.8	94.5
1991	1337	97.3	92.7	102.9	101.0	92.2	94.8	94.5
1992	1348	97.0	93.0	103.2	100.6	92.1	94.9	94.6
1993	1345	97.1	93.3	103.0	100.0	92.2	95.2	94.8
1994	1118	97.9	93.3	102.9	100.9	92.0	94.8	94.4
1995	779	97.8	93.4	102.8	101.2	92.4	94.7	94.6
1996	249	97.5	92.9	103.3	100.8	91.9	94.5	94.2
1997	103	97.4	93.3	103.9	99.6	93.5	94.9	94.3
1998	43	97.4	93.7	102.3	100.1	91.1	94.2	94.6
1999	27	98.0	94.1	102.9	100.6	92.7	95.3	95.6
2000	24	97.2	94.3	103.2	99.9	93.1	95.2	95.5
2001	19	97.6	94.5	102.6	101.2	92.8	95.4	95.2
2003	10	98.1	94.3	101.0	101.4	94.3	96.8	97.2
2005	11	96.5	94.8	102.5	100.8	91.8	96.3	96.4
2006	12	98.2	95.1	102.4	102.2	92.7	95.7	95.7

Tabel: 170 Witrood: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	40	93.1	100.0	96.2	93.4	100.7	92.5
1981	95	94.0	101.0	94.7	93.5	101.7	92.0
1982	143	91.1	98.2	96.1	93.4	99.2	91.5
1983	110	92.2	100.5	95.0	94.2	101.1	92.0
1984	102	95.1	101.6	95.6	95.3	101.4	94.0
1985	223	94.4	101.6	95.5	95.2	101.5	93.6
1986	290	95.2	102.3	96.1	95.7	101.8	94.6
1987	502	95.7	102.5	95.9	95.6	101.7	94.6
1988	676	95.1	102.3	95.6	95.0	101.7	93.9

1989	779	95.1	102.3	95.8	95.1	101.9	94.0
1990	1143	95.4	102.5	95.8	94.9	102.0	94.0
1991	1337	95.7	102.6	95.7	95.1	102.0	94.2
1992	1348	95.7	102.7	95.5	95.2	102.1	94.2
1993	1345	95.6	102.8	95.4	94.8	102.1	93.9
1994	1118	96.5	103.5	96.0	95.0	102.2	94.7
1995	779	96.5	103.4	96.1	95.3	101.7	94.9
1996	249	96.8	104.0	95.6	94.9	102.6	94.6
1997	103	96.5	103.4	95.8	93.6	101.5	93.8
1998	43	97.2	104.2	95.0	94.3	102.3	94.1
1999	27	96.3	103.1	95.9	94.8	101.5	94.4
2000	24	96.8	103.6	95.7	94.4	101.4	94.2
2001	19	97.9	104.4	96.3	95.6	101.2	95.9
2003	10	96.6	103.2	96.9	94.8	100.4	95.1
2005	11	98.2	104.2	95.4	96.3	101.2	95.6
2006	12	97.8	104.2	96.8	95.3	100.6	95.9

Tabel: 171 Witrood: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2193	101.3	103.7	102.0	102.3	101.1	100.6	95.2	102.8
1981	2113	101.1	103.2	101.1	101.6	100.6	100.7	93.4	101.9
1982	1815	102.5	102.5	101.5	101.7	101.3	99.7	92.8	101.9
1983	1153	102.4	102.6	101.5	101.9	101.5	101.1	92.8	102.0
1984	1012	102.4	103.1	101.6	102.3	101.6	101.0	92.4	102.3
1985	1388	102.3	103.1	101.6	102.3	101.5	100.5	91.9	102.3
1986	1789	102.5	102.9	101.6	102.1	101.4	100.2	91.4	102.2
1987	2716	102.4	103.2	101.7	102.4	101.5	99.5	91.9	102.4
1988	3713	102.5	102.7	101.6	102.0	101.4	99.2	91.8	102.1
1989	4019	102.5	102.8	101.5	102.1	101.4	99.3	91.3	102.1
1990	4428	102.7	103.1	101.9	102.5	101.8	99.5	91.7	102.5
1991	4993	102.9	103.3	102.3	102.8	102.1	99.9	92.3	102.9
1992	4894	102.8	103.2	102.1	102.7	102.1	100.2	92.3	102.7
1993	4844	103.2	102.8	102.2	102.6	102.2	100.2	92.0	102.7
1994	4528	103.0	102.9	102.2	102.7	102.2	99.7	92.1	102.7
1995	3412	102.5	103.0	102.0	102.5	101.9	99.7	92.4	102.6
1996	1467	102.3	103.0	101.8	102.4	101.6	99.2	92.6	102.3
1997	672	101.6	102.9	101.3	102.0	101.0	98.4	92.8	102.0
1998	466	102.1	102.9	101.7	102.2	101.4	99.1	92.8	102.2
1999	418	102.0	103.1	101.9	102.4	101.5	99.1	93.3	102.5
2000	353	102.2	103.3	102.2	102.7	101.8	99.4	93.2	102.8
2001	331	102.1	103.4	102.3	102.8	101.9	99.9	93.8	102.9
2002	265	102.3	103.2	102.3	102.7	102.0	99.9	93.5	102.9
2003	201	102.0	103.4	102.3	102.8	102.0	99.6	93.7	103.0
2004	235	102.4	103.2	102.3	102.8	102.1	99.4	93.3	102.9
2005	291	102.3	103.1	102.2	102.6	102.1	99.3	93.4	102.7
2006	308	102.0	103.0	102.0	102.4	101.7	98.9	93.5	102.6
2007	329	102.4	102.7	102.3	102.3	102.1	99.3	92.8	102.7
2008	328	102.5	102.1	102.0	101.8	101.9	99.1	91.8	102.2
2009	352	101.7	101.9	101.3	101.3	101.2	98.4	92.1	101.7
2010	370	102.3	101.8	101.7	101.5	101.8	99.2	92.6	101.9
2011	377	102.1	101.6	101.4	101.2	101.5	98.9	92.2	101.6
2012	360	101.9	101.9	101.4	101.4	101.4	98.7	92.3	101.8

2013	387	102.1	102.3	101.8	101.9	101.7	98.7	92.4	102.2
2014	365	101.9	102.5	101.7	102.0	101.6	98.7	92.6	102.2
2015	328	101.7	102.7	101.8	102.2	101.6	98.7	92.9	102.3
2016	357	102.3	102.7	102.1	102.4	102.1	99.2	92.7	102.5
2017	314	102.3	102.6	102.2	102.4	102.1	99.3	93.1	102.6
2018	192	102.3	102.6	102.2	102.4	102.2	99.3	92.6	102.6
2019	119	102.6	102.1	102.1	102.0	102.2	99.2	91.9	102.3

Tabel: 172 Witrood: Gebruikskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	96.5	0.0	94.5	100.5	101.9
1981	97	96.5	3.1	92.7	99.0	100.4
1982	144	97.5	1.4	93.6	101.7	103.0
1983	108	96.0	1.9	94.8	102.7	104.2
1984	88	96.2	12.5	93.9	101.4	103.7
1985	195	95.9	37.7	93.7	101.4	104.0
1986	271	97.0	33.6	93.2	100.8	103.6
1987	474	96.9	51.6	92.8	100.4	103.4
1988	666	96.0	43.9	92.8	100.3	103.3
1989	754	96.3	39.3	92.5	100.3	103.5
1990	1113	96.4	55.0	93.0	100.8	103.6
1991	1300	97.3	64.9	93.1	100.9	103.5
1992	1293	96.8	66.1	93.3	101.1	103.7
1993	1252	97.0	65.9	92.7	100.6	103.3
1994	1046	97.8	88.4	92.9	100.6	103.2
1995	747	98.0	97.1	93.0	100.9	103.0
1996	236	97.2	93.6	93.0	100.7	102.9
1997	88	97.0	94.0	92.3	99.9	101.8
1998	36	97.9	98.2	92.4	100.3	101.8
1999	24	97.7	96.6	92.3	100.2	101.3
2000	23	96.5	100.5	92.6	100.5	102.1
2001	17	98.0	95.0	92.1	100.1	101.3
2005	11	98.8	102.0	92.2	99.6	101.3
2006	11	97.2	91.7	92.1	99.5	101.3

Tabel: 173 Witrood: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	593	-161.1	-479.2	-531.7	101.4	102.8	96.2	93.4	0.0	0.0
1981	651	-195.8	-509.0	-501.3	99.8	101.9	94.7	93.5	0.0	0.0
1982	685	-178.4	-509.5	0.0	102.8	101.9	96.1	93.4	0.0	0.0
1983	500	-170.7	-522.1	0.0	103.9	102.0	95.0	94.2	0.0	0.0
1984	492	-175.7	-538.5	-221.0	103.0	102.3	95.6	95.3	0.0	0.0
1985	777	-181.9	-527.0	-357.8	103.2	102.3	95.5	95.2	97.0	57.8
1986	1200	-180.0	-529.6	-92.0	102.7	102.2	96.1	95.7	0.0	47.3
1987	2324	-183.2	-518.8	-75.3	102.4	102.4	95.9	95.6	0.0	38.5
1988	3293	-188.5	-508.7	111.8	102.3	102.1	95.6	95.0	0.0	40.9

1989	3395	-192.6	-530.3	174.6	102.4	102.1	95.8	95.1	0.0	42.6
1990	3794	-186.2	-509.9	123.0	102.7	102.5	95.8	94.9	97.0	36.6
1991	4290	-177.2	-489.3	100.9	102.7	102.9	95.7	95.1	101.0	30.8
1992	4192	-173.9	-480.9	112.3	102.9	102.7	95.5	95.2	99.5	29.6
1993	4077	-173.8	-462.7	112.0	102.4	102.7	95.4	94.8	98.0	27.9
1994	3695	-167.7	-452.2	61.3	102.4	102.7	96.0	95.0	0.0	21.3
1995	2870	-157.0	-418.9	35.6	102.3	102.6	96.1	95.3	0.0	21.0
1996	1222	-162.6	-416.1	-13.7	102.2	102.3	95.6	94.9	0.0	14.3
1997	570	-169.0	-401.3	-25.4	101.1	102.0	95.8	93.6	0.0	15.6
1998	403	-161.7	-388.0	-90.7	101.3	102.2	95.0	94.3	0.0	16.1
1999	359	-164.5	-367.1	-145.5	100.9	102.5	95.9	94.8	0.0	12.1
2000	306	-155.3	-362.7	-168.2	101.6	102.8	95.7	94.4	0.0	13.6
2001	295	-154.8	-340.0	-218.8	101.0	102.9	96.3	95.6	0.0	10.7
2002	226	-170.2	-352.0	-321.0	100.5	102.9	95.9	96.3	0.0	9.9
2003	169	-161.6	-339.7	-329.2	100.7	103.0	96.9	94.8	0.0	13.4
2004	209	-162.4	-341.7	-330.0	100.7	102.9	96.0	95.8	0.0	10.2
2005	241	-167.0	-356.0	-325.8	100.7	102.7	95.4	96.3	0.0	11.5
2006	247	-160.7	-333.7	-302.3	100.6	102.6	96.8	95.3	0.0	8.3
2007	252	-164.3	-339.2	-277.5	100.2	102.7	96.6	97.0	0.0	8.0
2008	237	-159.4	-337.9	-251.6	100.5	102.2	96.7	94.3	0.0	11.1
2009	251	-147.4	-321.3	-219.0	100.7	101.7	97.2	94.5	0.0	10.6
2010	236	-142.5	-316.4	-223.2	101.2	101.9	94.5	93.0	0.0	12.6
2011	242	-151.0	-329.7	-246.4	101.2	101.6	96.2	95.0	0.0	11.9
2012	245	-145.3	-322.8	-256.4	101.4	101.8	0.0	0.0	0.0	12.8
2013	268	-149.3	-339.3	-274.7	101.2	102.2	0.0	0.0	0.0	15.0
2014	270	-163.2	-337.0	-324.4	99.7	102.2	95.0	91.0	0.0	12.0
2015	256	-166.3	-347.7	-352.5	100.1	102.3	94.0	94.5	0.0	13.9
2016	271	-167.0	-343.2	-350.5	100.0	102.5	0.0	0.0	0.0	15.1
2017	251	-153.7	-314.9	-329.0	99.6	102.6	0.0	0.0	0.0	17.2
2018	167	-156.7	-324.5	-331.6	99.1	102.6	0.0	0.0	0.0	23.2
2019	11	-156.4	-376.4	-264.0	100.2	102.3	0.0	0.0	0.0	56.6

Tabel: 174 Witrood: Geboortekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	246	89.1	104.4	120.6	52.4	48.7	49.6
1981	489	88.2	104.0	122.2	88.1	80.0	80.2
1982	669	90.2	104.2	120.2	96.9	89.3	90.6
1983	519	90.3	105.3	120.4	101.4	93.3	96.1
1984	556	88.5	104.6	122.7	103.9	94.8	96.6
1985	923	87.7	106.0	124.0	102.4	92.6	96.4
1986	1304	87.7	105.6	123.8	102.7	93.0	95.6
1987	2223	87.6	105.7	124.1	104.2	94.5	98.4
1988	3331	87.4	105.9	124.4	103.2	94.7	99.2
1989	3863	88.1	105.3	123.3	103.3	94.7	98.7
1990	4343	88.1	105.4	123.4	104.0	94.9	98.9
1991	4785	88.1	105.4	123.7	105.0	94.7	97.8
1992	4549	87.2	105.5	124.5	105.0	95.0	98.8
1993	4015	88.0	105.1	123.5	103.7	95.0	99.3
1994	2349	87.4	105.0	124.2	104.9	94.4	97.7
1995	1514	88.6	104.8	122.6	104.6	94.4	97.7
1996	553	88.2	104.2	123.0	103.8	94.6	98.4
1997	218	86.7	104.6	124.7	100.5	92.5	97.0

1998	120	88.0	104.6	123.4	96.3	87.8	90.9
1999	113	88.1	104.5	123.4	102.4	92.7	96.2
2000	110	88.2	104.3	123.6	101.2	89.5	92.6
2001	101	88.9	104.1	122.9	103.9	92.8	95.7
2002	91	88.4	104.5	123.1	101.8	92.0	94.9
2003	89	88.7	103.8	122.9	104.6	93.3	96.2
2004	124	87.4	103.2	124.5	107.4	95.1	99.6
2005	135	87.1	104.3	124.7	105.5	94.5	98.0
2006	120	87.4	103.5	124.4	106.0	94.2	98.0
2007	203	86.5	104.0	125.3	104.5	93.2	96.3
2008	147	86.7	104.1	125.2	106.3	94.0	97.2
2009	196	85.8	105.3	126.2	102.3	92.2	95.8
2010	212	87.0	105.4	125.0	103.4	92.9	96.9
2011	241	86.8	105.4	125.1	104.1	92.6	96.8
2012	223	85.7	105.7	126.4	100.2	90.0	94.2
2013	200	86.2	105.1	125.8	102.5	91.8	96.3
2014	194	85.4	104.8	126.7	97.4	86.9	91.1
2015	209	85.5	104.6	126.6	90.4	81.2	85.4
2016	169	85.5	104.8	126.5	102.8	92.6	97.3
2017	161	85.7	104.3	126.3	103.9	93.9	98.7
2018	162	85.3	104.2	126.6	97.3	87.9	92.1
2019	145	85.3	104.8	126.7	97.2	88.7	92.9
2020	142	85.5	104.5	126.5	95.2	86.7	90.7
2021	51	85.5	104.3	126.5	97.6	88.3	92.3

Tabel: 175 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
1987	13	102.0	106.5	95.6	108.8	103.8	101.5	101.8	99.5	99.5	104.2	96.5
1989	13	101.5	103.8	95.2	110.2	100.7	103.4	101.8	100.9	97.5	104.6	98.0
1990	66	103.1	107.4	94.7	111.3	103.6	102.4	102.9	100.4	100.2	104.6	98.6
1991	201	102.9	108.0	94.9	111.0	104.2	102.2	102.6	100.1	100.3	104.7	97.9
1992	182	102.6	108.4	94.6	110.6	104.5	101.8	102.3	99.9	100.7	104.3	97.5
1993	184	102.2	107.3	95.0	110.2	103.5	102.4	101.8	100.1	100.2	104.3	97.9
1994	298	102.2	106.6	95.3	110.2	102.9	102.6	102.0	100.2	99.9	104.2	98.3
1995	365	102.0	106.0	95.6	109.2	102.9	102.3	101.8	100.0	99.9	104.0	97.9
1996	106	102.0	105.3	95.8	109.4	102.3	102.7	102.0	100.3	99.7	104.2	98.6
1997	66	102.5	105.0	97.2	109.6	102.0	102.8	102.5	100.6	99.2	104.5	99.0
1998	77	102.1	106.9	96.5	110.3	102.8	103.1	101.8	100.3	100.1	105.0	98.2
1999	95	101.9	106.5	96.4	110.1	102.5	102.9	101.7	100.0	99.5	105.0	97.8
2000	123	101.6	106.0	97.1	109.8	101.9	103.3	101.4	100.2	99.3	105.1	98.0
2001	127	101.3	105.6	97.5	109.6	101.5	103.4	101.2	100.1	98.9	105.3	97.6
2002	121	101.2	105.2	97.8	109.5	101.1	103.3	101.2	100.3	98.6	105.4	97.6
2003	125	100.8	105.3	97.6	109.8	100.7	103.7	100.7	100.3	98.5	105.5	97.5
2004	160	101.4	105.6	97.6	109.4	101.6	103.5	101.0	100.3	99.4	105.2	98.0
2005	219	101.2	105.0	97.7	108.8	101.6	103.3	101.0	100.3	99.3	105.1	97.6
2006	208	100.9	105.2	97.7	109.3	101.0	103.8	100.6	100.2	99.0	105.4	97.6
2007	237	100.4	104.0	98.0	109.1	100.1	103.9	100.5	100.3	97.9	105.3	97.3
2008	236	100.4	103.0	98.6	108.2	100.1	103.6	100.6	100.1	97.3	105.1	96.8
2009	259	100.0	103.5	98.6	108.5	99.9	103.8	100.2	100.1	97.4	105.2	96.6
2010	253	99.5	102.2	98.9	107.2	99.4	103.7	99.7	100.1	96.8	105.1	95.6
2011	234	99.5	102.1	98.9	107.5	99.1	103.8	99.8	100.2	96.5	105.3	95.7
2012	215	99.1	102.0	99.5	107.3	98.7	104.0	99.4	100.2	96.2	105.5	95.4

2013	200	99.0	102.9	99.1	108.2	98.6	104.2	99.3	100.1	96.3	105.7	95.6
2014	156	99.5	103.7	99.4	108.6	99.1	104.2	99.7	100.2	96.9	105.8	96.1
2015	77	99.8	104.4	99.5	109.1	99.6	104.4	99.8	100.3	97.2	106.1	96.5
2016	44	99.8	103.9	99.9	108.7	99.7	104.7	99.7	100.5	97.4	106.6	96.3
2017	11	99.3	103.9	99.5	109.4	98.3	104.5	99.5	100.1	96.5	105.8	96.6

Tabel: 176 Witrood: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	290	-2608.0	-9806.6	-433.1	-381.7
2002	225	-3162.9	-12170.5	-530.4	-458.9
2003	169	-3195.6	-12127.5	-540.2	-460.2
2004	209	-3200.2	-12240.6	-540.4	-461.0
2005	240	-3205.5	-12217.8	-544.6	-460.4
2006	245	-3027.9	-11453.6	-514.4	-435.3
2007	252	-2926.0	-10926.5	-501.3	-419.0
2008	237	-2786.4	-10330.7	-476.8	-399.5
2009	247	-2578.4	-9518.6	-443.4	-369.0
2010	236	-2568.7	-9417.4	-444.5	-366.6
2011	241	-2742.0	-10208.5	-472.3	-391.8
2012	245	-2775.8	-10358.5	-477.7	-396.5
2013	268	-2924.1	-10954.5	-503.9	-417.3
2014	270	-3147.5	-11823.1	-543.4	-448.6
2015	256	-3305.5	-12504.2	-568.5	-471.8
2016	274	-3274.4	-12310.3	-564.1	-467.0
2017	254	-3093.3	-11609.1	-534.0	-440.9
2018	177	-3123.4	-11730.5	-536.6	-446.4
2019	12	-2971.0	-11102.9	-506.8	-426.4

Tabel: 177 Witrood: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	593	100.7	96.4	0	0.0	0.0	0	0.0
1981	651	99.5	94.7	0	0.0	0.0	0	0.0
1982	685	100.0	94.6	0	0.0	0.0	0	0.0
1983	500	99.2	94.7	0	0.0	0.0	0	0.0
1984	492	98.7	94.7	0	0.0	0.0	0	0.0
1985	777	99.0	95.1	777	-4.4	57.8	0	0.0
1986	1200	98.4	95.1	1200	-4.2	47.3	0	0.0
1987	2324	97.9	95.1	2324	-4.0	38.5	0	0.0
1988	3293	98.0	95.1	3293	-4.0	40.9	0	0.0
1989	3395	97.9	95.3	3396	-4.2	42.6	0	0.0
1990	3794	98.0	95.7	3794	-3.9	36.6	0	0.0
1991	4290	98.1	96.1	4290	-3.7	30.8	0	0.0
1992	4192	97.7	95.8	4192	-3.6	29.6	0	0.0
1993	4077	97.9	96.0	4078	-3.5	27.9	0	0.0
1994	3695	97.8	96.3	3696	-3.3	21.3	0	0.0
1995	2870	98.0	96.4	2871	-3.0	21.0	0	0.0

1996	1222	98.2	96.0	1223	-2.9	14.3	0	0.0
1997	570	98.2	96.3	570	-2.8	15.6	0	0.0
1998	403	98.2	95.9	403	-2.8	16.1	0	0.0
1999	359	98.2	95.8	359	-2.6	12.1	0	0.0
2000	306	98.3	96.2	306	-2.5	13.6	0	0.0
2001	295	98.5	96.1	295	-2.3	10.7	19	101.1
2002	226	98.2	96.4	226	-2.4	9.9	9	102.7
2003	169	98.4	96.4	169	-2.3	13.4	10	99.5
2004	209	98.4	96.1	209	-2.3	10.2	6	100.0
2005	241	99.0	96.5	241	-2.4	11.5	11	101.4
2006	247	99.0	96.6	247	-2.2	8.3	12	101.0
2007	252	99.6	96.5	252	-2.3	8.0	5	102.2
2008	237	100.2	97.0	237	-2.3	11.1	6	100.7
2009	251	100.0	96.7	251	-2.2	10.6	6	101.0
2010	236	99.6	96.7	236	-2.2	12.6	2	100.5
2011	242	99.6	96.9	242	-2.3	11.9	5	101.2
2012	245	100.0	97.3	245	-2.3	12.8	0	0.0
2013	268	99.8	96.6	268	-2.4	15.0	0	0.0
2014	270	99.4	96.1	270	-2.3	12.0	1	99.0
2015	256	98.9	95.7	256	-2.4	13.9	2	103.0
2016	271	99.1	95.8	271	-2.4	15.1	0	0.0
2017	251	99.3	96.1	251	-2.3	17.2	0	0.0
2018	167	99.1	95.8	167	-2.4	23.2	0	0.0
2019	11	98.7	96.4	11	-3.3	56.6	0	0.0

Tabel: 178 Witrood: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1985	17	99.8	0	0.0	0	0.0	17	94.5
1986	11	99.6	0	0.0	0	0.0	11	94.5
1987	35	99.1	0	0.0	0	0.0	35	91.9
1988	41	99.1	0	0.0	0	0.0	41	91.7
1989	41	99.4	0	0.0	0	0.0	41	93.0
1990	107	99.4	0	0.0	0	0.0	107	93.3
1991	184	99.5	0	0.0	0	0.0	184	93.6
1992	173	99.5	0	0.0	0	0.0	173	93.5
1993	154	99.7	0	0.0	0	0.0	154	94.3
1994	214	99.6	0	0.0	0	0.0	214	94.1
1995	233	99.5	0	0.0	0	0.0	233	93.5
1996	73	99.6	0	0.0	0	0.0	73	94.2
1997	45	99.7	0	0.0	0	0.0	45	94.1
1998	46	99.5	0	0.0	0	0.0	46	93.6
1999	43	99.7	0	0.0	0	0.0	43	94.7
2000	53	99.6	0	0.0	0	0.0	53	94.4
2001	73	99.7	0	0.0	0	0.0	73	94.2
2002	60	99.7	0	0.0	0	0.0	60	94.5
2003	60	99.6	0	0.0	0	0.0	60	93.7
2004	82	99.6	0	0.0	0	0.0	82	93.7
2005	111	99.6	0	0.0	0	0.0	111	94.1
2006	129	99.6	0	0.0	0	0.0	129	94.1
2007	145	99.6	0	0.0	0	0.0	145	94.6
2008	161	99.7	0	0.0	0	0.0	161	94.8
2009	212	99.7	0	0.0	0	0.0	212	94.7

2010	230	99.6	0	0.0	0	0.0	230	94.8
2011	233	99.8	0	0.0	0	0.0	233	95.7
2012	238	99.7	0	0.0	0	0.0	238	95.3
2013	263	99.7	0	0.0	0	0.0	263	95.3
2014	257	99.8	0	0.0	0	0.0	257	95.6
2015	250	99.7	0	0.0	0	0.0	250	95.3
2016	263	99.8	0	0.0	0	0.0	263	95.6
2017	250	99.8	0	0.0	0	0.0	250	95.3
2018	173	99.7	0	0.0	0	0.0	173	95.1
2019	12	99.8	0	0.0	0	0.0	12	95.0

Tabel: 179 Witblauw: Vruchtbaarheidskenmerken

Basis: Belgisch witblauw

Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	158	96.4	104.7	99.3	103.0	97.5	95.8	119.6	101.0
1981	137	96.1	104.3	98.8	102.4	97.1	95.9	118.8	100.4
1982	111	95.4	104.4	98.1	102.2	96.3	94.9	117.6	99.9
1983	192	95.4	104.2	98.0	102.0	96.3	95.5	117.6	99.8
1984	226	95.0	104.3	97.9	102.0	95.9	95.0	117.2	99.8
1985	279	95.2	104.2	98.0	101.9	96.1	95.1	117.6	99.8
1986	399	95.4	104.3	98.3	102.1	96.4	95.5	117.4	100.0
1987	589	95.9	103.3	98.5	101.5	96.7	96.2	117.4	99.9
1988	820	95.7	103.3	98.4	101.5	96.5	96.1	117.2	99.8
1989	1282	95.5	103.8	98.6	101.9	96.5	95.7	117.3	100.2
1990	1850	95.4	103.6	98.4	101.8	96.4	96.0	116.6	99.9
1991	2396	95.4	103.2	98.2	101.4	96.3	95.9	115.3	99.6
1992	2821	95.2	103.1	98.2	101.2	96.2	95.8	114.3	99.6
1993	3163	95.2	103.0	98.1	101.2	96.0	95.6	113.8	99.5
1994	3614	95.2	102.8	98.0	100.9	96.0	95.7	112.0	99.3
1995	3909	95.2	102.6	98.0	100.8	96.0	95.7	111.0	99.2
1996	3867	95.4	102.4	98.1	100.7	96.2	95.9	109.8	99.3
1997	3827	95.5	102.3	98.1	100.6	96.2	96.0	109.1	99.2
1998	4035	95.6	102.2	98.2	100.6	96.3	96.1	107.7	99.3
1999	4512	95.6	102.0	98.1	100.4	96.3	96.2	106.8	99.2
2000	4662	95.7	101.9	98.2	100.4	96.4	96.5	105.4	99.2
2001	4194	95.7	101.8	98.1	100.2	96.4	96.5	103.8	99.1
2002	4350	96.0	101.7	98.4	100.2	96.7	96.9	103.0	99.3
2003	4544	96.3	101.6	98.5	100.2	97.0	97.2	102.1	99.3
2004	4940	96.3	101.4	98.4	100.1	97.0	97.3	101.4	99.3
2005	4833	96.6	101.4	98.6	100.2	97.3	97.6	100.4	99.4
2006	5017	96.8	101.1	98.6	99.9	97.3	97.8	99.3	99.2
2007	5082	97.2	100.9	98.6	99.8	97.5	98.2	98.3	99.2
2008	6537	97.6	100.9	99.0	100.0	98.1	98.9	100.1	99.5
2009	5955	97.6	100.7	98.9	99.9	98.0	99.1	100.5	99.4
2010	5777	97.8	100.5	99.0	99.8	98.1	99.5	99.3	99.4
2011	5896	98.5	100.3	99.4	99.8	98.7	100.3	98.8	99.6
2012	5646	98.9	100.1	99.6	99.8	99.1	100.7	98.7	99.7
2013	5494	99.0	99.9	99.6	99.6	99.1	101.1	98.6	99.7
2014	5842	99.4	99.7	99.9	99.6	99.5	101.4	98.9	99.8
2015	5736	99.5	99.6	99.9	99.6	99.5	101.4	98.7	99.8
2016	5727	99.8	99.5	100.0	99.5	99.7	101.6	98.5	99.8
2017	5173	99.9	99.3	99.9	99.4	99.7	101.5	98.0	99.7
2018	4641	99.8	99.2	99.8	99.3	99.6	101.4	97.8	99.6

2019	3252	99.7	99.4	99.8	99.4	99.5	101.0	97.8	99.7
2020	18	99.4	99.8	100.1	99.8	99.6	100.7	97.7	100.0

Tabel: 180 Witblauw: Levensvatbaarheidskenmerken  
Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	19	94.1	0.0	94.1	0.0	85.6	0.0
1988	30	93.8	3.3	93.8	3.3	84.8	3.2
1989	36	93.6	0.0	93.6	0.0	85.3	0.0
1990	43	94.0	0.0	94.0	0.0	85.7	0.0
1991	34	94.2	0.0	94.2	0.0	85.5	0.0
1992	46	94.1	0.0	94.1	0.0	85.7	0.0
1993	35	94.3	0.0	94.3	0.0	85.9	0.0
1994	55	94.7	0.0	94.7	0.0	86.1	0.0
1995	44	94.7	2.2	94.7	2.2	86.4	2.2
1996	37	94.5	2.7	94.5	2.7	86.1	2.6
1997	36	94.8	0.0	94.8	0.0	87.0	0.0
1998	36	95.1	0.0	95.1	0.0	87.1	0.0
1999	48	94.7	0.0	94.7	0.0	86.7	0.0
2000	68	94.9	0.0	94.9	0.0	86.9	0.0
2001	45	95.1	0.0	95.1	0.0	86.9	0.0
2002	33	94.8	3.1	94.8	3.1	86.8	2.9
2003	35	95.0	2.8	95.0	2.8	86.7	2.7
2004	37	95.1	2.8	95.1	2.8	87.3	2.6
2005	33	95.7	0.0	95.7	0.0	87.5	0.0
2006	31	96.2	0.0	96.2	0.0	88.1	0.0
2007	23	96.7	4.3	96.7	4.3	88.9	4.1
2008	21	95.4	0.0	95.4	0.0	87.1	0.0
2009	24	96.6	4.2	96.6	4.2	89.0	4.0
2010	25	95.7	0.0	95.7	0.0	87.8	0.0
2011	31	95.4	0.0	95.4	0.0	87.3	0.0
2012	19	95.6	0.0	95.6	0.0	87.7	0.0
2013	11	95.8	0.0	95.8	0.0	87.6	0.0

Tabel: 181 Witblauw: Geboortekenmerken  
Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	22	101.5	100.9	97.4	4.5	4.7	4.5
1981	25	102.3	100.8	96.1	7.9	8.5	8.3
1982	27	104.7	100.0	93.6	11.4	11.5	11.2
1983	43	104.6	100.3	93.6	33.2	32.9	31.5
1984	49	105.6	100.0	92.8	39.4	39.3	38.0
1985	62	104.9	99.9	93.7	29.7	29.4	28.4
1986	89	106.5	100.2	92.1	34.4	34.2	33.0
1987	121	104.4	100.4	94.0	56.5	55.9	53.2
1988	170	104.2	100.5	94.2	69.6	69.8	67.1
1989	228	105.1	100.0	92.9	71.4	72.0	68.9
1990	325	105.2	99.9	92.8	63.4	63.4	60.5

1991	311	105.4	99.8	92.5	67.8	68.3	65.7
1992	405	105.1	99.7	92.9	66.0	66.4	64.0
1993	408	105.2	99.6	92.8	63.3	63.9	61.7
1994	475	104.8	99.3	93.2	72.1	73.1	70.8
1995	517	104.9	99.4	93.1	69.6	70.3	68.3
1996	568	104.4	99.1	93.6	73.9	74.8	72.6
1997	595	104.3	99.3	93.7	71.9	72.7	70.5
1998	719	104.6	98.7	93.3	78.8	79.5	76.9
1999	803	104.1	99.0	93.8	81.2	81.9	79.0
2000	961	103.8	98.9	94.0	81.4	82.1	79.1
2001	897	103.6	99.0	94.1	85.1	85.4	82.1
2002	1070	103.4	99.3	94.5	87.0	87.3	83.7
2003	1142	103.0	99.3	94.9	87.8	88.2	85.1
2004	1352	103.0	99.1	94.9	88.3	88.8	86.1
2005	1538	103.1	98.9	94.9	90.4	91.1	88.3
2006	1828	102.5	99.0	95.7	93.6	93.8	91.1
2007	2099	101.9	99.3	96.4	95.3	95.5	92.8
2008	2321	103.7	99.1	94.5	95.0	96.3	94.8
2009	2792	102.5	99.3	95.7	95.8	97.2	95.2
2010	2984	102.5	99.3	95.4	96.0	97.5	95.4
2011	3188	101.7	99.5	96.6	97.0	97.8	95.6
2012	3268	101.1	99.7	97.5	98.2	98.7	97.4
2013	3012	100.6	99.9	98.2	98.4	99.0	98.6
2014	3156	100.0	100.1	99.3	98.7	98.9	99.4
2015	2997	99.4	100.2	100.3	99.0	98.8	99.5
2016	2880	99.1	100.5	100.7	99.6	99.4	100.5
2017	2785	98.6	100.4	101.5	99.5	98.7	99.7
2018	2601	98.5	100.3	101.6	100.3	99.1	100.0
2019	1968	98.1	100.1	102.1	98.7	97.2	98.0
2020	1850	98.3	100.2	101.9	94.5	93.1	94.0
2021	1127	97.8	100.1	102.5	87.0	85.4	85.6

Tabel: 182 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	98.8	90.1	96.3	96.4	98.2	100.0	101.4	98.5	92.4	98.1	98.9
1981	16	97.0	88.1	95.3	97.7	93.4	100.9	99.7	98.6	91.1	97.6	101.0
1982	14	98.6	91.1	96.8	98.1	97.1	100.7	100.5	99.7	91.7	98.6	99.1
1983	31	97.4	85.9	96.3	93.8	95.8	99.5	100.2	98.4	90.9	97.7	97.5
1984	39	96.7	81.8	95.9	92.9	93.5	99.3	100.3	97.8	88.8	97.1	98.5
1985	47	96.7	82.5	96.1	93.3	93.3	99.3	100.3	98.0	89.7	97.0	98.9
1986	72	97.1	82.0	95.9	92.5	94.0	98.9	100.6	98.0	90.1	96.7	98.8
1987	125	98.0	85.9	96.6	95.2	95.9	100.3	100.6	98.9	91.3	98.0	99.4
1988	185	98.2	86.0	96.5	95.4	95.9	100.0	100.9	98.7	91.6	98.0	99.6
1989	262	98.5	87.4	96.5	96.2	96.1	99.9	101.0	99.5	91.2	98.1	98.7
1990	350	98.4	88.4	96.4	96.4	96.6	100.3	100.4	100.2	91.4	98.5	97.8
1991	377	98.6	88.7	96.7	96.4	96.6	99.7	100.9	99.7	91.5	98.3	97.9
1992	557	98.8	90.5	97.0	97.0	97.6	99.8	100.9	99.5	92.6	98.5	97.9
1993	613	99.4	91.5	97.0	97.4	98.5	99.8	101.3	99.6	93.2	98.6	98.3
1994	845	99.5	92.3	97.2	98.2	98.1	100.0	101.1	100.3	93.3	98.8	98.6
1995	1056	99.3	92.1	97.3	97.9	98.2	100.1	100.9	100.0	93.4	98.9	98.5
1996	1164	99.7	93.3	97.6	98.8	98.7	100.3	101.1	100.4	93.8	99.2	98.9
1997	1284	99.8	93.9	97.6	98.7	99.1	100.2	101.1	100.5	94.4	99.1	99.0

1998	1695	99.6	94.7	97.7	99.1	99.2	100.4	100.8	100.5	94.6	99.2	98.7
1999	2169	99.8	95.3	97.8	99.3	99.6	100.3	100.8	100.5	94.9	99.2	98.5
2000	2659	100.2	96.4	98.1	99.5	100.5	100.3	101.1	100.6	95.5	99.4	98.4
2001	2785	100.4	96.9	98.3	99.6	101.0	100.4	101.1	100.9	95.8	99.4	98.3
2002	3377	100.3	97.5	98.5	99.6	101.1	100.4	100.8	100.8	96.1	99.5	98.1
2003	3754	100.5	98.1	98.7	99.7	101.5	100.6	100.8	101.0	96.5	99.6	98.3
2004	4165	100.6	98.5	98.9	99.9	101.8	100.6	100.8	101.1	96.8	99.6	98.6
2005	4278	100.6	99.0	99.2	100.0	102.0	100.5	100.8	100.9	97.1	99.6	98.7
2006	4465	100.7	99.6	99.3	100.4	102.1	100.6	100.8	101.0	97.2	99.7	98.5
2007	4524	100.5	100.2	99.4	100.6	101.8	100.6	100.6	100.9	97.5	99.7	98.6
2008	5562	99.1	98.2	99.3	99.6	99.4	99.9	99.8	100.3	96.4	99.2	98.3
2009	5186	99.2	99.4	99.5	100.5	99.3	100.4	99.7	100.6	96.8	99.4	98.9
2010	5002	99.7	100.8	99.7	101.3	100.0	100.6	100.1	100.6	97.4	99.5	99.5
2011	4711	99.4	101.2	99.8	101.4	99.4	100.5	99.7	100.8	97.5	99.4	99.4
2012	4570	99.1	101.5	100.0	101.5	99.2	100.6	99.5	100.8	97.6	99.4	99.3
2013	4270	98.9	101.7	100.1	101.7	98.7	100.6	99.2	100.8	97.6	99.4	99.4
2014	4328	98.7	101.7	100.2	101.9	98.3	100.7	99.0	100.7	97.6	99.3	99.6
2015	3863	98.4	101.8	100.4	101.7	98.4	100.7	98.7	100.7	97.7	99.4	99.2
2016	2768	98.4	101.8	100.7	101.3	98.6	100.7	98.6	100.7	97.8	99.5	98.9
2017	997	98.4	101.5	101.1	100.6	98.9	100.7	98.6	100.6	98.0	99.4	98.7
2018	108	97.8	100.2	101.8	99.0	98.9	100.7	98.0	100.5	97.8	99.5	97.6

Tabel: 183 Witblauw: Stofwisselingsaandoeningen  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1995	14	100.0	0	0.0	0	0.0	14	98.6
1997	11	100.0	0	0.0	0	0.0	11	99.5
1999	17	100.0	0	0.0	0	0.0	17	98.9
2000	18	100.0	0	0.0	0	0.0	18	99.8
2001	13	100.0	0	0.0	0	0.0	13	99.2
2003	10	100.0	0	0.0	0	0.0	10	99.5

Tabel: 184 Fleck Vied: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1987	20	-306.4	-22.0	-22.8	-20.7	-12.9	-18.6	-10.8	-145.9
1989	11	-442.4	-18.2	-28.3	-26.7	5.3	-18.9	-10.8	-162.1
1990	25	-342.9	-20.9	-23.0	-22.3	-8.2	-16.4	-10.7	-144.9
1991	22	-425.0	-22.6	-28.0	-26.0	-4.9	-20.0	-10.7	-170.3
1992	34	-299.3	-20.7	-24.9	-20.3	-10.5	-21.8	-10.8	-151.5
1993	33	-338.8	-22.2	-25.9	-22.2	-10.4	-21.2	-10.8	-159.5
1994	35	-204.5	-14.3	-20.4	-16.1	-8.2	-20.5	-10.7	-118.8
1995	56	-298.3	-10.8	-21.6	-20.3	4.2	-17.0	-10.7	-117.6
1996	42	-276.0	-15.5	-21.6	-19.3	-4.5	-18.3	-10.8	-127.1
1997	56	-125.0	-12.9	-18.8	-12.4	-11.0	-22.4	-10.6	-108.0
1998	62	-235.1	-14.0	-20.5	-17.4	-5.0	-18.7	-10.6	-118.7
1999	91	-145.5	-15.0	-17.9	-13.3	-13.0	-19.6	-10.5	-108.8
2000	60	-149.5	-14.3	-17.7	-13.6	-11.4	-19.1	-10.6	-106.8

2001	108	-149.0	-15.7	-16.7	-13.5	-14.0	-17.6	-10.6	-105.6
2002	116	-211.7	-20.1	-18.9	-16.4	-16.7	-17.4	-10.8	-124.4
2003	81	-71.7	-14.7	-15.3	-9.8	-17.5	-19.3	-10.3	-96.4
2004	90	27.9	-10.0	-10.9	-5.4	-17.1	-18.3	-10.4	-67.4
2005	113	15.7	-10.2	-11.3	-6.1	-16.5	-18.2	-10.6	-69.8
2006	152	75.9	-9.9	-9.9	-4.2	-20.1	-19.3	-11.9	-62.8
2007	58	314.9	3.3	-0.6	7.9	-15.7	-17.9	-9.8	6.7
2008	100	272.4	-1.6	-2.8	3.7	-19.6	-18.7	-13.3	-13.5
2009	109	282.8	1.1	-2.0	5.9	-16.8	-17.9	-10.7	-4.0
2010	73	176.2	-3.6	-6.2	1.3	-17.0	-18.9	-10.4	-32.6
2011	48	356.9	2.7	0.6	8.0	-18.8	-18.0	-12.3	10.8
2012	64	556.9	11.6	8.4	17.0	-18.4	-17.0	-12.5	63.8
2013	67	722.8	19.8	12.7	24.5	-16.6	-18.9	-12.3	101.0
2014	62	661.4	16.1	10.5	21.6	-18.3	-19.1	-12.4	83.3
2015	57	732.8	15.9	12.3	25.1	-22.4	-20.0	-11.9	91.2
2016	91	779.0	15.3	11.5	26.0	-25.6	-23.1	-13.5	87.4
2017	91	948.0	23.7	19.0	30.4	-24.4	-21.1	-17.8	136.7
2018	64	1054.4	28.3	20.6	33.2	-23.8	-23.8	-20.4	154.0
2019	12	1314.3	32.7	27.6	49.7	-32.6	-26.5	-13.7	196.6

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

Tabel: 185 Fleck Vieh: Exterieurkenmerken bouw

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1990	18	103.6	104.2	100.9	95.4	106.9	101.0	93.2
1991	11	103.0	104.5	100.3	94.5	107.8	101.4	91.9
1992	18	104.0	103.3	100.5	95.7	106.4	101.1	92.9
1993	22	104.0	103.3	100.6	95.7	106.5	100.9	92.8
1994	26	103.4	104.8	101.1	95.2	107.4	101.3	93.1
1995	35	103.3	105.1	100.9	95.4	107.5	99.5	92.4
1996	20	103.5	104.8	100.2	94.7	108.2	101.0	92.2
1997	32	103.5	104.4	100.9	95.5	107.3	100.3	92.9
1998	31	103.1	103.8	100.4	95.2	107.0	100.5	92.5
1999	48	103.5	103.7	100.7	95.8	106.6	100.7	92.4
2000	26	103.4	104.4	101.0	95.0	107.4	100.7	93.5
2001	41	103.1	105.3	101.6	95.6	107.3	99.7	93.1
2002	25	103.1	105.1	101.3	94.9	108.2	100.2	92.0
2003	30	103.5	105.3	101.3	95.1	107.9	101.2	92.8
2004	26	103.5	105.2	101.1	94.8	107.7	99.8	93.2
2005	31	103.5	104.5	100.8	94.9	107.0	101.5	92.3
2006	36	104.1	105.3	101.4	95.4	107.3	101.2	93.4
2007	19	104.7	104.9	101.8	96.1	107.2	101.1	94.1
2008	29	103.5	104.9	101.7	96.3	107.0	100.9	92.6
2009	39	104.4	104.3	102.0	96.3	105.7	100.5	94.4
2011	13	103.5	104.9	100.8	94.4	107.6	100.5	93.5
2013	48	104.4	103.9	102.2	96.5	105.5	100.0	94.5
2014	17	104.7	105.6	102.9	96.7	106.8	100.8	94.5
2015	10	104.9	106.8	103.9	96.7	107.8	99.8	95.0
2016	25	103.9	104.9	102.3	96.6	106.6	101.7	94.6
2017	25	104.4	104.6	102.4	97.1	106.4	101.8	92.4

Tabel: 186 Fleck Vies: Exterieurkenmerken beenwerk  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1990	18	100.6	95.8	110.7	102.3	101.1
1991	11	99.1	95.0	111.6	101.6	99.5
1992	18	100.3	95.4	111.2	102.0	100.6
1993	22	101.3	95.0	111.6	102.7	101.5
1994	26	101.8	95.2	112.0	103.5	102.2
1995	35	100.1	94.7	112.5	103.2	100.8
1996	20	100.8	94.8	112.5	103.5	101.2
1997	32	100.4	95.2	112.0	102.9	100.7
1998	31	101.2	94.6	112.5	102.8	101.6
1999	48	100.8	95.2	111.6	102.5	101.1
2000	26	101.5	94.8	112.2	103.3	101.9
2001	41	101.6	95.4	112.2	104.1	102.1
2002	25	101.5	94.6	112.7	103.9	101.8
2003	30	100.8	95.2	112.1	103.4	101.3
2004	26	100.5	94.8	111.8	102.5	101.2
2005	31	100.6	95.5	111.2	102.7	101.2
2006	36	100.3	95.6	111.4	103.2	101.0
2007	19	101.8	95.2	112.3	103.3	102.4
2008	29	102.0	95.1	112.7	103.9	102.3
2009	39	100.7	97.1	109.1	102.3	101.5
2011	13	100.9	96.0	111.2	103.5	101.5
2013	48	100.9	97.1	109.1	102.4	101.7
2014	17	101.9	95.9	110.6	103.9	102.8
2015	10	101.1	97.4	109.3	104.4	101.6
2016	25	100.7	97.2	110.0	104.1	102.0
2017	25	100.8	96.2	111.0	103.7	101.4

Tabel: 187 Fleck Vies: Exterieurkenmerken uier  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1990	18	97.9	99.3	102.2	99.3	92.6	99.0	96.8
1991	11	98.2	99.0	102.4	98.8	91.9	99.5	96.5
1992	18	97.2	97.9	101.9	98.6	92.4	98.6	96.1
1993	22	97.6	97.5	101.4	98.8	92.9	99.0	96.2
1994	26	97.3	97.9	102.8	98.2	92.6	99.7	96.8
1995	35	98.3	99.3	100.6	99.1	92.7	99.2	96.7
1996	20	99.2	100.2	100.8	100.0	92.5	99.1	96.9
1997	32	98.9	99.8	100.7	99.6	92.9	99.5	97.1
1998	31	98.0	99.6	102.4	98.6	93.0	99.7	97.2
1999	48	97.5	99.4	101.2	98.4	93.0	99.3	96.9
2000	26	98.0	99.0	102.8	98.9	93.1	100.3	97.7
2001	41	98.0	98.9	102.2	98.5	92.7	100.0	97.3
2002	25	98.9	99.4	102.6	99.3	92.6	98.9	97.0
2003	30	98.3	98.7	101.9	98.6	92.2	98.5	96.4
2004	26	98.4	99.9	102.0	99.2	93.1	99.9	97.7
2005	31	97.5	98.7	102.0	98.2	91.9	98.8	96.7
2006	36	97.7	98.6	100.6	98.6	92.4	98.9	96.5

2007	19	98.3	99.5	101.8	98.8	93.2	99.9	97.6
2008	29	98.1	98.1	101.7	98.4	93.3	99.0	96.0
2009	39	98.6	100.4	101.3	99.5	93.6	99.9	98.0
2011	13	98.0	98.3	102.7	98.5	92.2	98.9	96.5
2013	48	99.6	100.8	101.0	100.2	94.8	100.4	98.5
2014	17	98.8	99.0	101.4	99.7	94.0	99.0	97.1
2015	10	98.2	101.9	102.0	98.4	93.2	98.9	97.2
2016	25	100.7	102.9	100.0	100.6	94.5	100.3	99.7
2017	25	99.7	100.8	101.0	99.6	93.9	99.9	98.1

Tabel: 188 Fleck Vieh: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1990	18	98.4	100.3	96.6	101.4	108.5	98.6
1991	11	97.8	100.1	96.6	99.8	107.8	97.6
1992	18	98.1	100.4	96.1	100.7	107.2	97.7
1993	22	97.9	100.5	96.5	101.7	106.9	98.5
1994	26	98.8	100.4	96.1	102.5	108.5	99.0
1995	35	97.4	100.5	96.9	100.8	108.2	98.1
1996	20	97.7	100.5	97.6	101.3	109.0	98.9
1997	32	97.9	100.6	97.4	100.8	108.1	98.5
1998	31	97.6	100.4	96.8	101.7	107.9	98.4
1999	48	97.8	100.4	96.6	101.2	107.3	98.2
2000	26	98.6	100.7	96.9	102.1	108.9	99.2
2001	41	98.0	100.3	96.6	102.5	108.6	99.0
2002	25	97.5	100.1	96.9	101.8	108.9	98.5
2003	30	98.6	100.5	96.5	101.6	109.0	98.7
2004	26	97.8	100.2	97.1	101.1	108.7	98.3
2005	31	98.3	99.9	95.8	101.4	108.2	98.0
2006	36	98.9	100.2	96.3	101.2	108.6	98.3
2007	19	99.4	100.8	96.9	102.6	108.9	99.6
2008	29	98.4	100.7	96.7	102.7	108.1	99.3
2009	39	99.1	100.3	97.5	101.8	108.4	99.5
2011	13	98.3	99.8	96.4	102.2	109.0	98.7
2013	48	98.9	100.3	98.6	102.0	108.2	100.0
2014	17	99.7	100.9	97.5	102.9	109.1	100.2
2015	10	99.5	101.0	96.6	102.2	110.5	99.4
2016	25	99.8	100.8	98.9	102.4	109.0	100.8
2017	25	98.8	100.7	98.0	101.8	107.9	99.6

Tabel: 189 Fleck Vieh: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1987	19	98.4	104.9	101.5	103.0	101.5	96.1	100.2	102.8
1990	25	98.6	105.7	102.0	103.7	101.9	96.4	99.9	103.4
1991	17	98.4	105.1	101.4	103.1	101.3	96.5	99.6	102.8
1992	31	98.1	105.7	101.8	103.6	101.4	96.5	100.6	103.3
1993	31	98.1	105.3	101.5	103.0	101.2	96.7	100.4	102.8

1994	34	98.8	105.5	102.4	103.6	102.0	96.3	100.5	103.7
1995	57	99.2	105.5	102.5	103.8	102.5	96.5	99.4	103.7
1996	41	99.2	105.3	102.6	103.8	102.6	96.7	99.5	103.7
1997	56	98.9	105.8	102.6	104.1	102.4	96.6	100.1	103.9
1998	65	98.6	105.2	101.9	103.2	101.8	96.5	100.0	103.2
1999	91	97.6	104.9	100.9	102.6	100.7	96.2	99.8	102.3
2000	58	97.4	105.2	100.9	102.5	100.4	95.6	99.5	102.4
2001	98	97.1	105.4	101.0	102.8	100.3	95.7	99.5	102.5
2002	104	97.5	105.5	101.2	102.9	100.4	95.7	98.5	102.8
2003	81	97.5	105.3	101.0	102.7	100.3	95.3	98.5	102.5
2004	97	96.7	104.5	99.8	101.6	99.2	95.4	99.5	101.3
2005	116	97.0	104.9	100.3	102.2	99.7	95.4	99.0	101.8
2006	159	97.4	105.3	100.8	102.7	100.3	95.5	98.6	102.4
2007	66	97.4	104.9	100.7	102.5	100.3	95.7	99.8	102.2
2008	121	97.9	104.8	101.0	102.6	100.7	96.1	99.9	102.3
2009	123	97.8	105.1	101.3	103.0	100.9	96.2	100.7	102.7
2010	111	97.0	105.0	100.5	102.4	100.0	96.1	101.1	102.0
2011	64	98.3	104.9	101.7	103.2	101.5	96.6	101.2	102.9
2012	114	98.0	105.0	101.2	103.0	101.1	96.3	100.8	102.6
2013	85	97.8	104.1	101.0	102.4	100.8	96.3	101.5	102.1
2014	95	99.1	104.4	102.3	103.3	102.1	96.8	102.3	103.2
2015	71	98.1	104.6	101.6	103.0	101.3	96.2	103.3	102.8
2016	115	98.6	103.6	101.1	102.2	101.1	96.2	102.3	102.0
2017	130	98.8	103.8	101.4	102.6	101.6	96.5	102.3	102.4
2018	73	98.5	103.7	101.4	102.4	101.4	96.6	102.9	102.4

Tabel: 190 Fleck Vies: Gebruikskenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	10	97.2	49.1	99.2	104.3	104.2
1992	13	98.2	69.0	98.8	103.9	103.3
1993	16	98.4	44.0	99.2	104.5	103.5
1994	21	97.4	76.3	99.3	104.3	103.5
1995	38	97.2	86.1	99.8	104.5	103.2
1996	23	97.3	77.4	98.8	104.8	103.6
1997	28	97.2	87.8	99.3	104.9	103.3
1998	27	97.1	74.8	98.9	104.5	103.2
1999	41	97.8	82.9	98.6	103.9	102.9
2000	21	96.4	65.5	99.1	104.2	103.0
2001	37	96.9	93.1	98.1	103.0	102.4
2002	24	96.5	83.0	97.8	104.0	103.0
2003	27	96.8	88.3	97.9	103.7	103.1
2004	21	97.5	89.6	98.6	103.0	102.8
2005	29	97.7	88.8	98.2	102.8	102.6
2006	34	97.3	89.7	98.9	104.1	102.8
2007	19	97.0	84.5	98.8	103.5	102.5
2008	26	97.5	77.4	98.8	103.4	102.7
2009	35	97.4	79.9	99.0	103.7	103.1
2011	13	97.4	100.7	98.9	103.6	102.8
2013	48	98.0	93.2	99.3	103.4	102.3
2014	17	98.1	99.1	99.6	104.0	102.6
2015	10	96.2	100.4	100.1	104.0	102.3
2016	25	98.6	72.6	100.5	104.5	102.6

2017            25        97.6    100.0    100.9    105.0    102.7

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Tabel: 191 Fleck Vieh: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1987	20	-9.2	-145.9	254.7	104.3	102.8	95.5	99.7	101.0	16.2
1989	11	-14.3	-162.1	366.0	103.5	102.9	97.0	100.2	101.8	26.9
1990	25	17.1	-144.9	253.2	104.7	103.4	96.6	101.4	102.0	-6.1
1991	22	-8.5	-170.3	280.5	104.8	102.8	96.6	99.8	103.3	15.5
1992	34	7.3	-151.5	317.1	104.0	103.3	96.1	100.7	101.9	11.4
1993	33	5.6	-159.5	301.0	104.3	102.8	96.5	101.7	102.3	6.2
1994	35	36.8	-118.8	317.5	104.3	103.7	96.1	102.5	102.7	-17.3
1995	56	28.1	-117.6	299.1	104.1	103.7	96.9	100.8	103.3	-8.4
1996	42	32.5	-127.1	306.4	104.6	103.7	97.6	101.3	103.0	2.5
1997	56	41.5	-108.0	298.4	104.5	103.9	97.4	100.8	103.4	-8.1
1998	62	32.0	-118.7	332.3	104.3	103.2	96.8	101.7	102.4	3.4
1999	91	33.9	-108.8	296.6	103.7	102.3	96.6	101.2	102.2	-7.0
2000	60	31.4	-106.8	288.4	103.9	102.4	96.9	102.1	102.8	-10.5
2001	108	30.4	-105.6	281.3	102.9	102.5	96.6	102.5	103.8	-8.2
2002	116	30.1	-124.4	279.8	103.9	102.8	96.9	101.8	103.3	0.2
2003	81	38.3	-96.4	243.0	103.7	102.5	96.5	101.6	102.7	-22.0
2004	90	43.0	-67.4	222.9	103.3	101.3	97.1	101.1	102.6	-26.5
2005	113	27.5	-69.8	132.8	102.9	101.8	95.8	101.4	103.1	-20.5
2006	152	44.4	-62.8	141.3	103.7	102.4	96.3	101.2	102.9	-27.0
2007	58	83.0	6.7	223.2	103.3	102.2	96.9	102.6	103.2	-49.9
2008	100	78.4	-13.5	200.3	103.4	102.3	96.7	102.7	103.4	-48.6
2009	109	76.3	-4.0	185.0	103.8	102.7	97.5	101.8	103.5	-48.7
2010	73	63.7	-32.6	134.1	103.6	102.0	97.5	100.5	102.8	-41.9
2011	48	83.6	10.8	195.9	103.5	102.9	96.4	102.2	103.2	-54.5
2012	64	114.6	63.8	228.7	103.7	102.6	98.1	104.0	103.4	-65.5
2013	67	111.4	101.0	188.0	103.1	102.1	98.6	102.0	103.8	-61.3
2014	62	121.7	83.3	235.2	103.6	103.2	97.5	102.9	103.7	-62.7
2015	57	120.9	91.2	183.9	103.5	102.8	96.6	102.2	104.0	-71.9
2016	91	113.4	87.4	207.4	103.8	102.0	98.9	102.4	103.9	-61.1
2017	91	135.0	136.7	231.6	104.1	102.4	98.0	101.8	104.4	-71.9
2018	64	135.0	154.0	259.9	104.0	102.4	99.3	102.4	104.2	-73.3
2019	12	156.3	196.6	237.2	104.1	102.6	0.0	0.0	105.1	-98.9

Tabel: 192 Fleck Vieh: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	10	95.9	93.1	97.6	98.9	99.5	102.9	96.5
2001	11	94.7	89.6	98.4	99.5	96.5	104.3	95.9
2003	10	96.7	93.3	98.0	100.4	99.2	103.3	97.0
2004	11	96.3	92.9	98.0	100.1	98.1	103.8	96.3
2005	14	95.5	91.3	98.2	100.1	96.9	104.1	96.1
2006	15	95.5	90.3	98.9	100.7	96.0	104.2	95.4
2007	12	97.0	91.5	99.7	100.9	98.8	105.7	95.8

2008	14	95.6	92.1	97.9	99.9	98.1	103.9	94.9
2015	10	95.8	91.9	98.4	99.9	97.6	104.4	96.3
2016	11	95.9	93.6	97.2	99.5	98.3	104.3	96.0
2017	17	94.5	91.2	96.7	99.4	96.6	104.2	96.1

Tabel: 193 Fleck Vieh: Levensvatbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1990	12	102.6	100.2	102.6	100.2	96.2	102.7
1992	16	101.8	100.8	101.8	100.8	95.9	103.1
1993	20	101.9	101.2	101.9	101.2	96.0	103.2
1994	26	102.6	101.2	102.6	101.2	96.4	103.5
1995	47	102.7	101.5	102.7	101.5	95.6	103.4
1996	30	102.6	101.3	102.6	101.3	95.7	103.4
1997	37	102.7	101.6	102.7	101.6	96.0	103.7
1998	39	102.0	101.3	102.0	101.3	95.3	103.0
1999	57	102.1	101.0	102.1	101.0	95.2	102.9
2000	29	103.0	101.0	103.0	101.0	96.2	103.4
2001	58	104.0	101.3	104.0	101.3	96.8	103.7
2002	44	103.2	101.3	103.2	101.3	96.3	103.5
2003	53	102.3	101.0	102.3	101.0	95.7	103.8
2004	41	102.7	100.9	102.7	100.9	95.9	103.2
2005	50	102.9	101.2	102.9	101.2	95.7	104.1
2006	49	103.3	101.2	103.3	101.2	96.2	103.9
2007	45	102.9	101.4	102.9	101.4	96.1	104.0
2008	38	102.9	101.5	102.9	101.5	95.8	103.7
2009	28	103.4	101.5	103.4	101.5	96.8	104.1
2010	42	102.5	100.8	102.5	100.8	96.2	103.3
2011	17	102.4	101.9	102.4	101.9	95.9	103.8
2012	46	103.1	101.6	103.1	101.6	96.8	103.7
2013	18	104.0	101.8	104.0	101.8	97.3	103.9
2014	14	102.6	101.9	102.6	101.9	95.2	103.2
2015	19	102.4	101.1	102.4	101.1	96.0	103.1
2016	44	103.2	99.2	103.2	99.2	97.0	101.2
2017	43	103.2	101.9	103.2	101.9	97.0	103.8

Tabel: 194 Fleck Vieh: Geboortekkenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	20	89.8	113.5	117.7	75.4	58.6	59.8
1991	11	90.5	113.5	117.0	31.7	24.6	24.8
1992	24	90.1	114.1	117.5	72.0	56.5	58.0
1993	25	90.8	113.5	116.6	87.1	69.5	70.5
1994	29	89.7	114.0	118.3	103.8	81.5	82.4
1995	50	90.7	113.4	116.9	106.2	82.9	84.7
1996	30	90.6	113.8	116.7	107.3	85.1	86.0
1997	48	90.5	113.6	117.1	96.6	74.8	76.7
1998	51	90.6	113.5	117.1	83.6	65.7	66.4

1999	74	90.4	113.5	117.4	93.5	72.4	73.9
2000	41	90.0	114.1	118.0	84.6	66.8	67.5
2001	69	91.1	112.8	116.6	91.9	71.7	73.0
2002	72	90.1	113.4	117.6	89.0	68.7	70.0
2003	64	89.7	114.0	117.9	102.3	78.7	79.8
2004	66	90.3	113.5	117.3	103.4	80.0	81.6
2005	73	90.1	113.4	117.8	97.4	73.6	75.7
2006	81	90.7	113.0	117.0	98.9	75.6	77.5
2007	62	90.4	114.0	117.5	98.2	74.3	76.0
2008	72	89.8	113.4	118.1	102.4	77.7	79.3
2009	72	89.8	112.7	118.0	92.5	70.3	71.5
2010	93	89.5	114.0	118.4	70.3	53.7	54.5
2011	40	90.2	113.4	117.6	110.8	84.5	86.5
2012	68	90.1	112.9	118.0	110.4	84.3	85.2
2013	83	90.7	112.6	117.1	107.1	81.8	83.0
2014	57	90.7	113.2	117.1	99.9	76.8	78.2
2015	41	90.8	111.4	117.0	117.3	89.9	90.9
2016	67	92.7	110.7	114.3	108.3	83.6	83.5
2017	67	91.5	111.6	116.0	109.6	84.9	85.2
2018	32	92.1	110.8	115.3	116.4	90.8	90.8
2019	34	92.4	111.3	114.8	109.9	84.5	84.9
2021	13	92.2	111.8	114.8	72.2	56.0	55.5

Tabel: 195 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	Gr_st
1990	19	106.3	113.8	100.1	109.1	108.1	101.6	104.7	98.1	110.9	100.3	112.8
1991	12	106.8	114.9	100.0	110.0	108.7	101.8	105.0	98.7	111.3	100.8	113.1
1992	26	106.2	114.0	100.2	109.5	107.7	102.5	104.1	99.1	111.0	100.6	113.0
1993	26	105.2	113.7	101.0	108.7	107.3	103.1	103.2	99.1	111.2	100.6	112.4
1994	30	106.2	113.8	101.1	108.9	107.9	102.4	104.4	98.6	111.1	100.7	113.4
1995	47	105.6	113.4	101.6	108.5	107.4	102.7	103.8	98.3	111.1	101.1	112.4
1996	30	105.6	114.1	100.9	108.6	108.0	102.4	103.4	99.0	111.9	100.3	112.5
1997	43	105.8	114.3	100.8	108.7	108.1	102.3	103.9	98.2	111.8	100.4	112.7
1998	44	105.4	114.3	100.7	108.8	107.9	102.5	103.6	97.9	111.5	100.5	112.3
1999	68	106.2	113.7	101.3	108.4	108.5	102.4	104.3	98.4	111.3	101.0	112.3
2000	42	105.2	114.1	100.9	108.1	107.6	102.6	102.9	98.7	111.6	100.3	112.2
2001	54	105.1	113.5	101.5	107.6	108.0	102.1	103.1	98.0	111.7	100.2	111.4
2002	49	105.7	115.4	101.7	109.0	109.1	102.6	103.4	98.4	113.1	100.5	112.4
2003	46	106.1	115.6	101.3	109.3	109.1	102.6	103.8	98.6	112.8	100.4	112.6
2004	47	105.7	115.6	101.4	109.4	108.5	103.0	103.1	99.0	112.4	100.6	112.4
2005	57	105.3	114.6	102.5	108.3	108.9	103.1	103.0	98.2	112.4	101.1	111.9
2006	72	105.6	114.1	102.0	108.2	108.7	102.7	103.5	97.8	112.2	100.6	112.2
2007	29	106.0	113.8	101.5	108.3	108.3	102.5	103.6	99.3	111.7	100.4	112.6
2008	55	105.2	114.3	101.1	108.7	108.1	102.5	103.2	98.2	111.7	100.8	111.5
2009	59	105.7	114.2	101.1	109.4	107.8	103.0	103.9	98.5	111.3	101.3	112.5
2010	32	105.3	113.8	102.1	108.4	108.5	102.8	103.4	97.8	111.3	101.2	111.5
2011	25	105.2	113.4	101.4	108.5	107.4	103.1	103.4	98.0	111.0	101.1	112.1
2012	44	105.3	113.3	101.8	109.1	107.0	103.1	103.8	98.2	110.5	101.7	112.1
2013	56	105.9	111.4	101.0	107.9	106.5	102.5	104.3	99.1	109.4	100.8	112.4
2014	28	104.7	111.6	101.8	108.5	105.8	103.0	103.5	97.9	109.2	101.3	111.7
2015	20	105.2	111.1	101.2	108.9	105.5	102.7	104.4	97.8	108.6	101.3	112.1
2016	28	104.5	110.7	100.8	108.0	105.2	102.8	103.7	97.8	108.5	101.2	111.1

2017 26 104.8 109.4 101.7 107.3 105.0 102.5 104.0 98.3 107.7 101.3 110.8

Tabel: 196 Fleck Vieh: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	12	95.3	97.5	92.3
1992	14	95.4	96.9	92.6
1993	17	95.9	97.1	93.0
1994	26	95.0	96.8	93.0
1995	46	95.6	97.7	91.8
1996	29	96.1	98.0	92.8
1997	37	95.5	97.4	92.6
1998	35	96.2	98.1	93.3
1999	55	95.7	97.4	93.2
2000	29	94.7	96.3	94.3
2001	57	94.8	96.5	93.3
2002	44	95.5	97.3	93.6
2003	53	95.8	97.5	93.8
2004	40	95.9	97.4	93.8
2005	48	95.7	97.2	93.4
2006	50	95.7	97.4	93.2
2007	44	96.1	97.7	93.7
2008	38	96.0	97.7	92.9
2009	27	95.4	97.0	93.0
2010	37	95.4	96.7	93.5
2011	15	96.6	98.9	92.3
2012	42	95.6	97.2	92.8
2013	16	96.1	97.9	92.5
2014	12	96.0	98.2	91.8
2015	19	93.9	95.3	93.3
2016	44	96.3	97.6	92.9
2017	39	96.9	98.5	93.4

Tabel: 197 Fleck Vieh: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	69	1310.2	6355.0	244.0	173.5
2002	76	1195.3	5931.5	219.6	159.4
2003	61	1060.4	5439.3	199.6	138.3
2004	71	1013.7	5065.5	189.4	133.4
2005	95	442.0	2615.3	93.0	51.5
2006	130	533.9	3191.5	103.9	66.4
2007	51	1375.1	6525.0	255.8	182.6
2008	91	1166.1	5832.4	211.3	156.8
2009	96	1055.6	5282.0	197.3	138.8
2010	67	574.8	3276.8	116.3	69.6
2011	50	1138.3	5634.3	209.8	151.5
2012	60	1611.4	7474.1	288.3	220.6

2013	62	1532.6	7235.7	283.2	204.7
2014	70	1715.8	8102.7	313.4	231.1
2015	53	1480.4	7267.4	263.6	202.0
2016	86	1597.5	8019.5	284.0	217.8
2017	85	1984.3	9473.2	351.8	272.9
2018	58	2276.5	10809.1	409.3	310.5
2019	12	2299.2	11297.6	399.3	319.0

Tabel: 198 Fleck Vieh: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1990	14	95.4	104.4	96.4
1992	18	96.9	104.7	96.7
1993	18	97.4	104.8	96.3
1994	26	96.8	104.5	96.4
1995	43	97.1	105.3	96.4
1996	26	96.0	104.0	96.4
1997	38	97.2	105.4	96.7
1998	38	96.3	105.5	96.9
1999	61	97.2	105.1	96.9
2000	30	96.6	105.5	96.5
2001	51	97.5	105.7	96.4
2002	42	95.5	105.6	97.2
2003	47	95.5	106.1	97.3
2004	37	96.9	105.1	96.6
2005	49	96.7	104.1	97.9
2006	50	96.7	105.7	97.0
2007	30	97.1	106.6	96.7
2008	36	97.0	104.8	96.8
2009	46	96.3	103.7	97.6
2010	27	96.3	105.6	97.4
2011	15	96.5	105.5	97.7
2012	21	97.4	105.4	96.9
2013	42	98.6	102.9	96.9
2014	20	98.7	106.3	98.2
2015	29	98.2	106.9	96.3
2016	53	98.3	107.8	97.3
2017	37	99.9	111.2	96.9
2018	38	101.1	111.9	96.2
2019	13	102.9	112.9	96.1

Tabel: 199 Fleck Vieh: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1987	20	100.6	99.2	20	-1.1	16.2	0	0.0
1989	11	100.4	99.9	11	-1.4	26.9	0	0.0
1990	25	100.0	99.7	25	-0.8	-6.1	0	0.0
1991	22	100.3	100.0	22	-1.3	15.5	0	0.0

1992	34	99.8	99.7	34	-1.1	11.4	0	0.0
1993	33	100.4	99.5	33	-1.0	6.2	0	0.0
1994	35	100.1	99.2	36	-0.3	-17.3	0	0.0
1995	56	100.1	98.4	57	-0.5	-8.4	0	0.0
1996	42	99.6	98.9	42	-0.8	2.5	0	0.0
1997	56	100.7	99.3	56	-0.4	-8.1	0	0.0
1998	62	100.0	98.7	62	-0.7	3.4	0	0.0
1999	91	99.6	98.9	91	-0.5	-7.0	0	0.0
2000	60	100.0	99.5	60	-0.4	-10.5	0	0.0
2001	108	99.0	99.3	108	-0.5	-8.2	35	107.2
2002	116	99.2	99.0	116	-0.8	0.2	22	106.9
2003	81	98.8	99.1	81	-0.2	-22.0	28	107.5
2004	90	98.8	99.9	90	0.1	-26.5	24	107.3
2005	113	98.5	99.4	113	-0.0	-20.5	29	106.1
2006	152	99.8	99.2	152	0.1	-27.0	34	107.3
2007	58	100.0	99.1	58	1.0	-49.9	19	107.4
2008	100	99.8	99.5	101	0.8	-48.6	25	106.6
2009	109	100.0	99.1	109	0.9	-48.7	35	106.3
2010	73	99.6	99.5	73	0.6	-41.9	3	107.7
2011	48	99.8	98.7	48	1.0	-54.5	13	106.8
2012	64	101.0	99.2	64	1.6	-65.5	7	108.1
2013	67	101.3	98.8	67	1.8	-61.3	43	105.6
2014	62	101.4	99.3	65	1.6	-62.7	16	107.7
2015	57	101.0	98.6	57	1.9	-71.9	10	108.7
2016	91	101.5	98.9	91	1.7	-61.1	25	106.5
2017	91	102.4	98.4	91	2.2	-71.9	25	105.8
2018	64	101.1	97.8	64	2.3	-73.3	9	107.3
2019	12	102.5	97.0	12	3.0	-98.9	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	21	100.0	1	103.0	1	102.0	21	96.3
1991	17	100.1	1	108.0	1	106.0	17	95.3
1992	28	99.8	0	0.0	0	0.0	28	95.1
1993	27	99.9	1	104.0	1	104.0	27	94.9
1994	31	99.8	0	0.0	1	105.0	31	94.9
1995	51	99.8	1	99.0	4	104.0	51	95.9
1996	35	99.9	0	0.0	2	105.0	35	95.5
1997	49	100.0	3	104.0	3	104.3	49	95.8
1998	55	100.0	2	105.0	4	105.0	55	95.1
1999	78	99.9	3	103.0	3	103.7	78	94.7
2000	48	99.9	0	0.0	0	0.0	48	95.4
2001	76	99.7	2	100.5	5	102.8	76	94.2
2002	81	100.0	2	104.5	3	101.3	81	95.1
2003	64	100.3	6	103.0	8	103.9	64	94.7
2004	64	100.2	3	105.7	4	102.5	64	94.2
2005	66	100.0	2	100.0	4	105.0	66	94.1
2006	108	100.1	3	100.7	9	103.4	108	94.8
2007	43	100.5	3	104.3	3	105.0	43	94.8
2008	79	100.2	6	104.0	11	103.7	79	94.1
2009	76	100.1	2	102.0	3	102.7	76	94.7
2010	57	100.2	0	0.0	0	0.0	57	94.7

2011	43	100.0	0	0.0	0	0.0	43	94.5
2012	54	100.3	0	0.0	0	0.0	54	95.0
2013	59	99.9	0	0.0	0	0.0	59	94.6
2014	50	100.0	0	0.0	0	0.0	50	95.3
2015	29	100.2	0	0.0	0	0.0	29	95.7
2016	58	99.9	0	0.0	0	0.0	58	96.0
2017	68	99.9	0	0.0	0	0.0	68	95.5
2018	37	99.9	0	0.0	1	103.0	37	95.2
2019	11	99.7	0	0.0	0	0.0	11	95.6

Tabel: 201 Fleck Vieh: Reproductiestoornissen  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	10	103.9	100.2	108.2	100.3	106.4	104.1
1995	29	103.4	99.9	107.9	100.0	105.9	103.3
1996	15	103.8	100.2	108.1	100.5	105.9	103.4
1997	25	103.3	99.5	107.6	100.1	105.6	103.0
1998	12	102.8	99.2	107.1	99.6	105.5	103.2
1999	24	103.7	100.1	107.8	100.5	106.0	103.5
2001	33	103.8	99.8	108.0	100.4	105.8	103.7
2002	20	103.3	99.7	107.5	100.0	105.8	103.7
2003	23	103.0	99.3	107.2	99.5	105.9	103.5
2004	18	102.7	98.9	106.8	99.7	105.2	103.6
2005	20	103.6	99.9	107.9	100.1	106.0	103.5
2006	22	102.8	98.9	107.1	99.5	105.6	102.6
2008	19	103.8	99.9	107.3	100.8	105.9	103.8

Tabel: 202 Brown Swiss: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1987	10	-1442.5	-65.7	-51.2	-65.6	-1.4	1.1	0.4	-367.7
1990	13	-1485.5	-61.6	-48.8	-67.6	7.4	6.8	0.1	-350.1
1991	18	-1640.3	-58.1	-54.2	-74.5	24.3	7.8	0.3	-366.8
1992	20	-1623.1	-64.5	-55.3	-73.8	12.6	4.7	0.4	-384.4
1993	24	-1612.5	-60.4	-53.5	-73.3	18.1	7.0	0.2	-368.1
1994	23	-1502.6	-60.6	-49.9	-68.2	10.9	6.6	0.5	-352.5
1995	25	-1495.8	-57.4	-48.8	-68.0	14.4	7.7	0.1	-341.0
1996	22	-1300.8	-50.0	-44.2	-59.0	12.3	3.9	0.4	-304.3
1997	30	-1371.5	-53.6	-47.4	-62.3	11.6	2.9	0.2	-325.4
1998	27	-1448.9	-54.0	-47.7	-65.9	16.5	6.9	0.3	-328.7
1999	20	-1223.0	-48.9	-40.8	-55.5	8.8	4.8	0.3	-286.4
2000	34	-1225.9	-50.6	-42.1	-55.5	6.4	3.0	0.6	-295.5
2001	28	-1254.3	-47.6	-40.3	-56.9	12.6	7.1	0.3	-282.2
2002	14	-1280.1	-41.8	-38.9	-56.4	23.0	10.5	2.9	-264.3
2003	31	-1181.6	-47.6	-40.4	-53.3	8.0	3.3	0.9	-281.6
2004	16	-858.2	-32.5	-29.4	-38.8	8.2	2.2	0.5	-200.4
2005	14	-1186.1	-40.8	-35.9	-53.4	17.9	9.7	0.9	-249.0
2006	27	-1039.1	-41.4	-34.4	-47.1	7.5	4.3	0.1	-242.3

2007	17	-1078.8	-42.8	-34.1	-49.6	8.4	6.8	-0.6	-244.4
2008	16	-814.4	-38.9	-29.2	-36.9	-2.9	0.3	0.3	-212.8
2009	12	-781.8	-40.8	-29.7	-36.2	-7.4	-1.8	-0.8	-218.1
2010	13	-620.2	-25.8	-20.1	-27.8	3.7	3.5	0.8	-145.1
2012	14	-687.7	-28.1	-21.9	-31.8	4.1	4.4	-0.8	-158.1
2013	15	-847.2	-36.3	-24.1	-39.2	2.7	8.9	-0.7	-186.9
2014	10	-780.4	-37.5	-24.2	-37.2	-2.7	5.4	-2.1	-189.2

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

Tabel: 203 Brown Swiss: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1990	10	95.6	101.1	95.1	93.1	106.5	99.8	90.1
1991	16	95.7	100.1	94.6	92.8	105.9	100.3	89.9
1992	14	96.0	100.4	94.3	92.7	105.9	100.7	90.1
1993	21	96.0	100.8	94.8	92.8	106.7	100.0	88.9
1994	18	95.7	100.7	94.4	92.7	106.6	100.3	88.7
1995	15	95.6	100.7	95.9	93.9	105.6	99.6	89.1
1996	16	97.7	101.2	96.6	94.0	106.1	99.6	89.8
1997	22	97.6	100.6	95.9	93.7	106.1	101.2	89.5
1998	15	96.4	100.8	95.3	92.9	106.7	100.3	88.9
1999	14	97.0	100.5	95.5	93.6	105.8	100.9	89.3
2000	22	96.6	101.4	96.2	93.6	106.3	100.4	90.1
2001	14	98.1	100.2	95.6	93.4	106.1	100.0	88.9
2003	23	96.4	100.0	95.1	93.3	106.4	101.3	89.0
2004	10	97.6	99.4	95.2	94.1	104.9	100.3	89.0
2006	15	97.3	100.2	95.9	93.9	106.1	101.1	88.3
2008	10	97.8	101.0	95.7	94.0	106.5	101.9	89.6

Tabel: 204 Brown Swiss: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1990	10	107.9	95.8	111.7	104.2	107.6
1991	16	107.4	97.2	110.9	104.0	106.7
1992	14	107.2	96.9	111.7	104.1	106.5
1993	21	107.9	95.7	112.8	104.3	107.2
1994	18	107.9	95.7	112.6	104.1	107.3
1995	15	107.5	96.5	111.9	103.3	106.9
1996	16	108.3	96.2	112.8	104.5	107.3
1997	22	108.1	95.7	113.2	103.8	107.1
1998	15	107.6	95.3	113.3	104.1	106.6
1999	14	107.6	95.4	112.3	104.0	106.7
2000	22	108.4	95.6	112.6	104.2	107.3
2001	14	108.9	93.9	114.4	104.5	108.5
2003	23	108.7	94.0	113.7	104.6	107.9
2004	10	110.6	93.4	114.3	105.0	109.8
2006	15	107.7	95.7	112.5	104.2	106.5
2008	10	107.2	95.5	112.6	104.4	106.9

Tabel: 205 Brown Swiss: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1990	10	95.2	98.9	104.3	95.7	90.0	95.4	95.8
1991	16	95.6	98.5	104.9	96.3	90.3	94.2	94.6
1992	14	94.6	97.9	105.0	95.4	90.2	94.2	94.6
1993	21	95.0	98.4	105.4	95.6	90.0	93.8	94.4
1994	18	95.3	99.0	104.9	95.3	90.2	94.3	95.3
1995	15	94.7	98.5	104.1	94.0	89.5	93.5	94.8
1996	16	95.2	98.2	104.4	95.7	89.8	94.6	95.2
1997	22	94.8	97.9	105.1	95.6	89.6	94.2	95.1
1998	15	95.1	98.3	105.1	95.5	89.7	94.9	95.3
1999	14	95.0	99.1	104.5	95.5	89.9	95.3	95.9
2000	22	95.0	97.8	104.4	95.0	89.2	93.9	94.0
2001	14	94.9	99.1	106.1	96.0	89.9	95.9	95.9
2003	23	95.3	98.3	104.9	95.8	90.1	94.8	95.1
2004	10	97.0	99.3	103.4	96.8	91.9	96.2	96.5
2006	15	95.6	97.8	103.7	95.9	90.2	94.6	94.7
2008	10	95.9	98.9	105.7	96.0	90.6	95.4	96.0

Tabel: 206 Brown Swiss: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1990	10	93.3	98.0	92.4	108.4	0.0	98.1
1991	16	93.1	97.2	92.8	107.8	0.0	97.8
1992	14	93.5	97.3	92.0	107.6	0.0	97.4
1993	21	92.7	97.4	92.3	108.0	0.0	97.6
1994	18	92.6	97.4	92.3	108.1	0.0	97.7
1995	15	93.1	97.7	91.3	108.1	0.0	97.2
1996	16	93.7	98.4	92.4	108.4	0.0	98.3
1997	22	94.0	98.0	91.9	108.1	0.0	97.9
1998	15	93.0	97.7	92.1	107.5	0.0	97.2
1999	14	93.6	97.7	92.2	107.3	0.0	97.6
2000	22	94.2	98.2	91.8	108.0	0.0	98.0
2001	14	92.9	97.7	92.4	108.8	0.0	98.2
2003	23	93.3	97.7	92.6	108.0	0.0	98.0
2004	10	92.4	97.5	94.6	110.0	0.0	99.8
2006	15	93.1	97.8	92.8	107.4	0.0	97.8
2008	10	94.3	98.5	93.0	107.6	0.0	98.4

Tabel: 207 Brown Swiss: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
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1990	12	102.4	103.3	102.9	102.7	101.8	94.7	86.7	103.3
1991	15	101.6	103.8	102.5	102.7	101.3	95.9	88.7	103.3
1992	18	101.9	104.0	102.8	103.1	101.6	95.2	88.5	103.5
1993	23	101.8	103.1	102.2	102.1	101.2	95.1	87.7	102.8
1994	23	102.7	102.8	102.7	102.4	101.9	95.9	87.8	103.1
1995	22	102.9	102.2	102.7	102.0	102.0	96.3	87.4	103.0
1996	21	102.0	103.0	102.5	102.3	101.7	96.2	88.5	103.0
1997	31	102.3	103.2	102.5	102.5	101.7	96.3	88.3	102.9
1998	25	102.5	102.7	102.5	102.2	101.8	95.6	87.1	102.9
1999	20	102.0	103.2	102.5	102.5	101.5	95.7	88.8	103.0
2000	33	103.2	102.6	102.9	102.5	102.2	96.0	88.0	103.2
2001	29	102.2	103.8	103.2	103.2	102.2	96.1	88.9	103.8
2002	17	102.1	102.9	102.6	102.2	101.6	95.0	87.9	102.8
2003	30	101.9	103.4	102.8	102.8	101.8	95.6	88.9	103.4
2004	21	102.5	103.3	103.3	102.7	102.3	96.9	89.8	103.6
2005	15	103.4	102.8	103.6	102.8	102.8	96.1	88.5	103.9
2006	26	102.8	102.7	103.1	102.6	102.2	96.2	89.3	103.3
2007	17	102.4	103.6	103.5	103.4	102.1	95.6	89.8	103.9
2008	17	102.5	103.2	103.2	103.2	102.5	97.2	90.2	103.6
2009	13	102.2	103.8	103.5	103.5	102.2	95.8	89.9	103.9
2010	19	102.5	103.3	103.8	103.4	102.7	96.4	90.8	104.1
2011	12	102.8	103.2	103.8	103.4	102.9	96.1	89.2	103.9
2012	14	102.4	102.6	103.0	102.6	101.9	95.6	90.3	103.3
2013	16	102.7	103.7	103.9	103.6	102.8	96.2	90.2	104.2
2014	14	102.8	104.1	104.3	104.0	103.2	96.9	91.3	104.8
2017	12	103.3	102.8	104.1	103.2	103.3	96.7	90.6	104.1

Tabel: 208 Brown Swiss: Gebruikskkenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1991	10	96.1	96.8	96.3	98.7	101.5
1992	12	96.6	73.2	96.8	98.8	101.5
1993	17	95.8	99.3	96.4	98.6	101.3
1994	17	98.0	93.9	97.3	99.0	102.0
1995	16	99.1	81.0	97.5	99.2	102.4
1996	17	97.5	92.6	97.7	99.5	101.8
1997	24	96.2	90.2	97.7	98.9	102.1
1998	14	96.6	84.7	97.8	99.3	102.0
1999	14	95.8	91.9	97.3	99.5	102.2
2000	22	97.1	98.6	98.1	99.8	102.2
2001	14	96.3	92.3	98.2	100.1	102.3
2003	22	97.1	94.4	98.4	99.8	102.3
2006	15	96.3	92.5	98.7	100.3	102.0

Tabel: 209 Brown Swiss: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
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1987	10	-107.8	-367.7	-223.0	101.5	102.0	88.5	107.2	103.0	118.2
1990	13	-79.9	-350.1	-44.1	100.1	103.3	92.4	108.4	103.2	106.8
1991	18	-102.3	-366.8	-161.7	100.2	103.3	92.8	107.8	102.1	96.6
1992	20	-99.7	-384.4	-54.4	100.3	103.5	92.0	107.6	103.1	102.5
1993	24	-93.9	-368.1	-71.9	100.1	102.8	92.3	108.0	103.3	90.4
1994	23	-80.3	-352.5	-47.7	100.8	103.1	92.3	108.1	103.2	91.7
1995	25	-84.2	-341.0	-81.0	101.2	103.0	91.3	108.1	103.1	95.2
1996	22	-63.2	-304.3	-27.2	101.0	103.0	92.4	108.4	102.9	65.3
1997	30	-75.1	-325.4	-36.5	100.8	102.9	91.9	108.1	103.0	81.6
1998	27	-85.9	-328.7	-103.7	101.0	102.9	92.1	107.5	102.9	80.2
1999	20	-64.2	-286.4	-94.2	101.1	103.0	92.2	107.3	103.7	71.6
2000	34	-63.8	-295.5	-83.8	101.3	103.2	91.8	108.0	103.8	62.9
2001	28	-38.0	-282.2	22.8	101.4	103.8	92.4	108.8	103.7	67.3
2002	14	-45.1	-264.3	-64.9	101.8	102.8	92.2	107.2	102.8	68.7
2003	31	-48.8	-281.6	-43.6	101.4	103.4	92.6	108.0	103.5	64.6
2004	16	16.2	-200.4	174.6	102.4	103.6	94.6	110.0	103.2	51.2
2005	14	-38.9	-249.0	-76.3	101.6	103.9	91.4	107.9	103.2	64.5
2006	27	-36.9	-242.3	-12.0	101.5	103.3	92.8	107.4	103.1	56.4
2007	17	-36.9	-244.4	-9.6	101.9	103.9	91.9	106.6	103.1	56.1
2008	16	-9.1	-212.8	47.1	102.2	103.6	93.0	107.6	103.9	34.2
2009	12	-17.8	-218.1	77.2	100.2	103.9	92.2	108.2	103.1	44.9
2010	13	18.5	-145.1	71.1	101.7	104.1	94.2	109.0	103.5	31.7
2012	14	11.2	-158.1	89.1	103.1	103.3	91.9	106.1	103.9	10.9
2013	15	-7.6	-186.9	101.1	100.8	104.2	94.2	107.3	103.3	40.1
2014	10	6.3	-189.2	65.9	102.3	104.8	93.3	108.7	103.7	19.6

Tabel: 210 Brown Swiss: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1992	13	98.0	104.4	98.0	104.4	96.5	103.7
1993	14	99.1	104.1	99.1	104.1	96.6	102.8
1994	19	98.5	104.3	98.5	104.3	96.5	103.3
1995	16	98.6	104.0	98.6	104.0	95.8	102.8
1996	17	97.2	105.0	97.2	105.0	94.7	104.5
1997	27	98.0	104.3	98.0	104.3	96.0	103.5
1998	12	98.7	104.5	98.7	104.5	96.6	103.3
1999	17	99.0	104.6	99.0	104.6	96.6	103.9
2000	27	98.7	104.9	98.7	104.9	96.5	104.0
2001	22	98.0	105.4	98.0	105.4	95.6	103.7
2002	16	97.6	104.8	97.6	104.8	95.1	103.5
2003	21	98.8	104.5	98.8	104.5	96.2	103.6
2004	24	98.3	100.2	98.3	100.2	96.5	99.5
2005	15	99.0	104.2	99.0	104.2	97.1	103.3
2006	17	98.5	104.3	98.5	104.3	96.2	103.8
2007	16	98.2	104.4	98.2	104.4	95.9	103.9
2008	14	98.8	104.6	98.8	104.6	96.0	103.0
2009	10	97.8	104.5	97.8	104.5	95.9	103.7
2010	16	97.9	98.4	97.9	98.4	96.2	96.9

Tabel: 211 Brown Swiss: Geboortekenmerken  
 Basis: Melkdoel rood

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1991	11	93.9	112.6	107.1	111.8	100.8	94.4
1992	16	94.2	112.0	106.5	105.9	93.6	87.5
1993	19	94.8	112.2	106.4	106.2	95.6	89.4
1994	19	94.8	111.9	106.3	111.8	100.3	94.5
1995	17	94.6	111.7	106.6	106.0	94.7	87.9
1996	19	93.4	112.6	107.7	106.5	95.1	88.9
1997	28	94.0	113.0	107.1	112.7	100.6	93.9
1998	15	94.4	113.1	106.8	104.5	93.9	88.1
1999	19	94.4	112.8	106.7	112.4	100.4	93.6
2000	28	95.3	112.2	105.6	113.0	99.9	92.3
2001	22	95.2	112.4	105.9	112.7	100.0	92.1
2002	13	94.2	113.2	106.9	112.6	99.1	92.1
2003	25	94.8	112.2	106.2	107.2	95.6	90.0
2004	21	94.6	113.9	106.3	111.1	99.8	94.4
2005	16	95.5	112.4	105.6	111.4	100.4	93.7
2006	23	94.8	112.2	106.3	111.6	100.0	94.1
2007	18	93.9	112.6	107.1	112.2	99.7	93.9
2008	17	95.1	112.6	105.6	111.5	99.9	94.9
2009	17	93.9	113.6	107.0	112.1	100.2	94.2
2010	22	94.5	113.5	106.4	111.8	99.8	93.3
2011	11	95.0	110.3	106.0	100.9	90.3	85.3
2012	13	94.0	111.4	106.8	111.5	99.7	94.5
2013	11	94.4	112.8	106.8	110.9	99.8	93.8
2014	14	94.2	113.1	106.6	112.1	99.3	92.9
2015	10	93.3	113.2	107.6	112.0	98.6	94.6

Tabel: 212 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
1991	14	101.5	108.6	98.6	101.4	108.4	103.3	100.1	94.2	109.9	99.4	108.6
1992	14	101.4	109.7	98.6	101.7	109.3	102.6	100.3	93.1	111.0	99.1	109.1
1993	17	100.4	109.6	98.2	101.6	108.3	103.4	98.9	93.6	110.6	99.2	108.2
1994	19	100.9	110.1	97.9	101.8	109.3	103.4	99.2	94.0	111.3	99.2	108.3
1995	20	101.2	109.3	98.8	101.3	109.2	103.0	99.5	94.0	110.7	99.2	108.0
1996	19	101.7	109.5	97.8	102.4	108.8	102.5	100.5	93.6	110.3	98.7	109.2
1997	27	101.2	109.2	98.9	101.6	108.9	103.0	100.0	93.6	110.2	99.9	108.3
1998	17	101.4	109.6	98.6	101.9	109.3	103.0	100.0	93.2	110.6	99.6	108.6
1999	16	101.7	108.5	98.1	101.3	108.3	102.3	100.2	94.6	109.9	98.7	108.8
2000	23	102.2	108.5	98.1	101.7	108.5	102.2	101.0	94.4	109.9	98.7	109.4
2001	16	101.0	108.8	99.6	101.5	108.2	104.0	99.8	93.2	109.8	101.2	107.8
2002	10	101.4	109.1	98.6	101.9	108.8	103.6	100.0	93.7	110.5	100.1	108.4
2003	24	102.0	108.9	98.6	102.1	108.8	102.8	100.8	94.4	110.0	100.0	108.5
2004	10	100.5	107.3	99.8	100.5	107.5	104.0	99.1	94.6	108.9	101.0	106.7
2005	10	101.9	109.2	99.4	101.2	109.2	102.8	100.6	93.8	110.5	100.1	108.0
2006	18	100.8	108.2	98.8	101.1	108.2	103.2	99.7	93.7	109.7	100.2	107.2
2007	10	101.1	108.1	98.0	101.4	107.9	102.1	100.1	93.4	109.0	99.4	107.5
2008	10	102.6	109.2	97.1	103.2	108.7	103.3	101.3	94.3	110.0	99.9	109.5
2010	12	101.7	106.3	98.9	101.2	107.4	102.5	101.2	94.0	107.8	100.2	107.7

Tabel: 213 Brown Swiss: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	13	91.6	99.0	83.9
1993	14	92.1	99.5	82.9
1994	20	92.2	99.0	83.3
1995	16	91.2	99.0	82.3
1996	18	92.1	99.4	83.0
1997	28	91.4	99.0	82.9
1998	12	92.7	99.8	83.0
1999	17	93.1	100.2	83.4
2000	26	92.3	99.4	83.6
2001	23	93.0	99.9	83.2
2002	15	92.7	99.7	83.6
2003	20	93.8	100.7	84.5
2004	23	93.8	101.1	83.9
2005	16	92.8	99.9	83.1
2006	17	93.6	100.8	83.9
2007	15	93.3	100.5	83.1
2008	13	95.3	101.7	84.5
2009	12	94.5	100.7	84.3
2010	15	94.6	101.1	83.6
2011	10	94.8	101.4	85.2
2012	10	93.4	100.0	83.4

Tabel: 214 Brown Swiss: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	28	-1169.7	-5107.9	-194.2	-168.8
2002	13	-1429.6	-6594.7	-230.9	-208.1
2003	31	-1559.6	-6435.1	-262.7	-224.3
2004	16	-87.6	-636.4	0.4	-19.4
2005	14	-1713.5	-7545.5	-285.2	-246.6
2006	25	-1239.2	-5210.0	-207.6	-178.6
2007	16	-1245.7	-5327.9	-214.9	-175.9
2008	16	-820.9	-3132.0	-146.6	-114.6
2009	12	-681.2	-2405.4	-126.7	-93.2
2010	13	-364.2	-1508.4	-63.6	-51.2
2012	14	-354.6	-1645.7	-60.5	-50.1
2013	14	-432.6	-2208.1	-87.8	-53.2
2014	10	-590.3	-2408.5	-119.1	-75.0
2017	10	87.7	291.6	9.3	15.6

Tabel: 215 Brown Swiss: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1993	13	96.5	95.6	106.4
1994	16	96.9	96.8	106.1
1995	12	97.5	96.3	106.7
1996	17	96.9	95.9	107.3
1997	24	96.8	96.2	106.9
1999	14	96.1	96.6	106.6
2000	23	96.7	96.1	106.6
2001	16	95.6	97.5	107.2
2002	10	96.9	96.6	106.5
2003	14	97.0	97.6	106.4
2004	14	98.7	99.4	106.8
2006	16	96.4	95.9	106.4
2008	10	97.3	97.7	107.1
2010	10	96.1	98.7	107.1

Tabel: 216 Brown Swiss: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1987	10	101.7	100.0	10	-4.4	118.2	0	0.0
1990	13	101.5	99.6	13	-4.2	106.8	0	0.0
1991	18	101.5	100.3	18	-4.0	96.6	0	0.0
1992	20	102.1	100.0	20	-4.3	102.5	0	0.0
1993	24	100.8	100.1	24	-4.0	90.4	0	0.0
1994	23	101.3	99.4	23	-3.9	91.7	0	0.0
1995	25	100.4	99.0	25	-3.9	95.2	0	0.0
1996	22	101.8	100.3	22	-3.1	65.3	0	0.0
1997	30	101.1	99.7	30	-3.5	81.6	0	0.0
1998	27	101.8	100.3	27	-3.5	80.2	0	0.0
1999	20	102.3	99.7	20	-3.1	71.6	0	0.0
2000	34	101.7	100.0	34	-3.0	62.9	0	0.0
2001	28	102.4	101.0	28	-3.0	67.3	14	97.9
2002	14	102.9	100.0	14	-2.9	68.7	9	97.1
2003	31	102.7	100.6	31	-3.0	64.6	23	97.3
2004	16	103.6	101.8	17	-2.1	51.2	9	96.9
2005	14	101.2	100.6	14	-2.8	64.5	9	97.6
2006	27	102.6	100.4	27	-2.6	56.4	15	97.9
2007	17	102.2	100.2	17	-2.6	56.1	7	98.9
2008	16	103.6	100.0	16	-2.0	34.2	10	98.8
2009	12	102.8	99.5	12	-2.2	44.9	6	98.3
2010	13	102.8	100.5	13	-1.5	31.7	9	98.7
2012	14	101.9	101.1	14	-1.3	10.9	8	100.9
2013	15	103.3	100.6	16	-2.0	40.1	6	98.7
2014	10	104.2	101.2	10	-1.7	19.6	3	101.3

Tabel: 217 Brown Swiss: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	10	100.0	0	0.0	0	0.0	10	100.7
1991	12	100.0	0	0.0	0	0.0	12	98.4
1992	16	100.0	0	0.0	0	0.0	16	100.0
1993	18	100.0	0	0.0	1	99.0	18	99.9
1994	18	100.0	0	0.0	0	0.0	18	100.5
1995	18	100.1	1	101.0	1	101.0	18	99.8
1996	19	99.8	2	99.0	4	99.0	19	100.7
1997	26	100.0	0	0.0	0	0.0	26	99.4
1998	17	100.0	0	0.0	1	100.0	17	100.2
1999	18	99.9	0	0.0	2	96.5	18	100.3
2000	28	100.0	0	0.0	2	99.0	28	100.4
2001	22	100.0	1	99.0	2	100.5	22	101.5
2002	10	100.0	0	0.0	0	0.0	10	101.8
2003	25	100.0	1	101.0	1	99.0	25	100.6
2004	17	100.0	0	0.0	0	0.0	17	100.4
2005	13	100.0	0	0.0	1	101.0	13	99.5
2006	24	99.9	1	102.0	3	97.0	24	99.9
2007	17	99.8	0	0.0	1	94.0	17	100.9
2008	13	99.8	0	0.0	1	103.0	13	102.1
2009	11	99.9	0	0.0	0	0.0	11	101.0
2010	13	99.8	0	0.0	0	0.0	13	101.5
2012	14	99.9	0	0.0	1	98.0	14	101.4
2013	15	99.9	0	0.0	0	0.0	15	101.1
2014	10	99.9	0	0.0	0	0.0	10	100.9

Tabel: 218 Montbéliard: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1981	11	-1669.0	-87.0	-64.1	-76.0	-18.9	-6.1	0.1	-468.4
1985	10	-1730.3	-86.1	-64.6	-78.6	-12.8	-3.5	0.2	-469.5
1986	12	-1476.2	-79.0	-57.7	-67.2	-19.2	-6.9	0.2	-422.5
1987	11	-1503.2	-74.1	-59.4	-68.5	-9.9	-8.0	0.0	-419.5
1988	21	-1622.2	-82.0	-61.1	-73.8	-14.2	-4.3	0.1	-445.0
1989	27	-1799.7	-84.8	-67.1	-81.9	-6.7	-3.7	0.3	-477.7
1990	24	-1682.5	-77.8	-63.1	-76.5	-3.7	-4.1	0.1	-444.9
1991	20	-1568.5	-77.9	-60.2	-71.5	-11.4	-5.7	0.0	-432.0
1992	25	-1538.6	-74.2	-58.2	-69.9	-7.8	-4.0	0.3	-415.6
1993	20	-1486.0	-71.3	-57.3	-67.5	-6.4	-5.1	0.1	-405.0
1994	31	-1299.1	-65.3	-50.9	-59.0	-10.2	-6.0	0.3	-363.6
1995	17	-1516.2	-74.9	-58.4	-68.9	-10.5	-5.6	0.3	-417.4
1996	27	-1515.6	-75.4	-57.4	-68.9	-11.3	-4.1	0.4	-414.4
1997	34	-1071.3	-57.4	-43.3	-48.6	-13.1	-6.6	0.3	-312.8
1998	25	-1414.5	-66.5	-49.8	-64.2	-4.2	1.8	0.4	-363.3
1999	30	-1387.0	-70.2	-51.9	-63.0	-11.8	-2.8	0.4	-379.3
2000	29	-1275.0	-64.9	-46.0	-57.8	-10.6	0.0	0.4	-342.5
2001	26	-1363.3	-63.7	-49.5	-61.8	-3.3	-0.5	0.4	-355.4
2002	21	-1037.8	-57.5	-41.5	-46.0	-15.5	-5.7	1.9	-304.5
2003	28	-916.2	-52.1	-37.0	-39.3	-14.6	-5.1	3.5	-273.1
2004	22	-964.6	-57.3	-39.0	-40.8	-19.4	-5.8	4.5	-292.6
2005	22	-1098.0	-60.0	-42.6	-45.7	-14.5	-4.1	6.5	-314.5
2006	23	-1009.4	-57.0	-40.0	-43.8	-16.1	-4.8	3.1	-297.1

2007	23	-592.9	-38.0	-25.0	-26.2	-15.0	-4.8	1.1	-190.3
2008	26	-730.3	-44.6	-29.5	-31.7	-15.4	-3.9	2.0	-224.0
2009	19	-440.5	-34.7	-20.7	-19.3	-18.8	-6.2	1.1	-163.6
2010	12	-438.6	-37.1	-20.8	-18.8	-22.1	-6.1	1.5	-168.6
2015	14	79.2	-17.6	-4.2	2.9	-24.6	-8.1	-0.9	-53.4
2016	13	-114.3	-23.7	-7.6	-0.5	-22.5	-4.0	6.0	-81.2

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

Tabel: 219 Montbéliard: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1989	11	94.2	107.6	92.9	86.2	113.0	108.1	92.7
1991	11	94.5	108.3	93.8	86.5	113.0	106.4	92.5
1992	14	94.6	108.3	93.9	86.8	112.9	108.4	92.6
1994	15	95.5	110.5	95.5	87.5	113.4	107.3	93.2
1997	19	96.2	109.9	95.9	87.3	114.1	108.9	92.9
1998	15	95.3	109.9	94.7	86.1	113.9	108.4	92.7
1999	14	94.6	109.8	94.8	86.9	113.4	107.7	93.3
2002	12	95.9	109.2	94.8	87.3	113.2	107.8	93.2
2003	13	97.7	110.2	95.7	88.6	112.8	105.8	94.4
2006	11	96.6	109.9	94.6	87.2	114.2	106.8	93.5
2007	11	98.5	111.3	96.4	88.3	113.5	107.3	92.8
2009	13	97.1	110.2	95.5	87.8	113.1	107.6	93.0

Tabel: 220 Montbéliard: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1989	11	101.3	96.5	108.5	103.5	97.1
1991	11	102.0	95.1	108.5	104.0	98.5
1992	14	101.3	95.9	108.9	103.7	97.6
1994	15	102.3	94.8	106.9	103.7	99.3
1997	19	102.6	95.3	107.3	103.8	99.3
1998	15	102.3	95.8	106.9	103.9	99.1
1999	14	102.3	96.7	106.6	104.1	98.8
2002	12	102.7	95.8	108.4	104.5	99.2
2003	13	104.4	93.8	111.5	106.0	100.8
2006	11	103.7	94.1	109.4	104.6	100.2
2007	11	104.3	93.7	110.1	105.4	99.9
2009	13	102.6	94.2	109.5	104.2	98.8

Tabel: 221 Montbéliard: Exterieurkenmerken uier  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
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1989	11	88.8	90.5	104.5	91.3	81.2	90.4	90.1
1991	11	89.6	91.1	104.1	91.5	83.3	91.5	90.9
1992	14	88.6	90.4	104.9	90.7	81.4	90.5	89.9
1994	15	88.7	91.0	106.9	89.9	83.7	89.4	87.8
1997	19	88.2	90.3	104.6	90.9	82.3	91.3	90.1
1998	15	88.8	90.7	103.3	91.6	82.8	91.6	89.5
1999	14	89.1	91.1	105.6	90.9	83.4	91.1	89.7
2002	12	89.0	91.4	104.5	91.0	83.2	91.7	90.8
2003	13	90.5	91.0	104.2	92.2	84.8	91.8	90.2
2006	11	89.4	90.1	104.2	92.0	83.9	91.7	90.1
2007	11	88.0	92.1	105.5	91.0	82.2	91.5	90.2
2009	13	89.5	91.9	104.8	91.8	83.3	91.6	90.5

Tabel: 222 Montbéliard: Exterieurkenmerken bovenbalk  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1989	11	99.0	95.7	84.0	98.4	0.0	89.5
1991	11	98.5	96.2	85.5	98.8	0.0	90.7
1992	14	99.3	96.4	83.9	98.5	0.0	89.9
1994	15	99.9	96.6	84.0	99.3	0.0	90.6
1997	19	100.3	97.4	84.4	99.6	0.0	91.2
1998	15	99.5	95.9	85.2	99.3	0.0	91.0
1999	14	99.9	96.4	85.0	99.6	0.0	91.3
2002	12	99.5	96.9	85.2	99.8	0.0	91.2
2003	13	99.5	97.5	86.9	101.3	0.0	93.3
2006	11	99.5	96.9	86.0	100.5	0.0	92.4
2007	11	99.9	97.3	84.5	100.2	0.0	91.5
2009	13	99.5	96.8	85.8	99.1	0.0	91.2

Tabel: 223 Montbéliard: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1986	12	103.7	105.5	104.9	105.6	103.6	98.4	88.5	105.7
1988	14	103.5	105.4	104.5	105.6	103.5	97.8	88.8	105.3
1989	20	103.7	106.4	105.3	106.8	104.2	98.0	89.8	106.3
1990	17	103.9	107.0	105.8	107.4	104.6	98.2	90.1	106.9
1991	20	103.5	105.2	104.4	105.7	103.4	97.7	87.7	105.2
1992	22	103.1	106.4	105.1	106.5	103.7	98.0	90.7	106.0
1993	19	103.4	105.5	105.0	106.1	103.9	97.8	88.6	105.7
1994	27	103.4	105.2	105.0	105.7	103.7	97.4	88.9	105.6
1995	13	103.2	105.5	104.6	105.7	103.5	97.8	88.8	105.5
1996	23	102.3	105.4	104.0	105.6	102.6	96.9	89.4	104.8
1997	33	102.9	106.0	104.7	106.4	103.7	97.8	90.1	105.7
1998	26	102.8	105.5	104.3	105.7	103.3	97.3	87.8	105.3
1999	31	102.8	105.4	104.4	105.7	103.3	97.3	88.9	105.2
2000	29	102.7	105.5	104.5	105.8	103.3	97.7	89.1	105.3
2001	26	103.0	104.3	104.1	104.8	103.0	97.5	88.7	104.6
2002	22	102.5	105.2	104.0	105.4	102.9	97.5	89.8	104.7

2003	38	103.1	105.0	104.5	105.5	103.4	97.7	90.1	105.2
2004	39	103.2	104.8	104.5	105.3	103.3	97.6	89.7	105.2
2005	29	103.4	104.8	104.8	105.4	103.7	97.5	89.1	105.3
2006	27	103.5	105.8	105.8	106.6	104.4	97.4	89.5	106.4
2007	28	103.5	105.4	105.2	106.2	104.3	96.6	90.3	105.9
2008	26	102.0	106.3	104.9	106.3	103.3	96.6	91.7	105.9
2009	30	101.7	106.5	104.9	106.6	103.3	97.1	91.9	105.9
2010	25	103.7	104.8	105.2	105.8	104.1	98.0	90.7	105.7
2012	11	103.7	104.7	105.3	105.7	104.5	97.9	90.4	105.6
2013	13	102.5	104.0	104.0	104.7	103.0	97.5	91.5	104.4
2014	10	102.8	104.7	105.1	105.7	103.9	98.0	92.3	105.6
2015	15	103.4	103.0	104.4	104.5	103.7	98.0	93.1	104.3
2016	14	101.7	104.6	104.3	105.4	103.0	97.3	93.5	104.9

Tabel: 224 Montbéliard: Gebruikskennmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1988	11	98.4	76.9	97.9	100.4	103.6
1989	12	99.4	86.2	97.6	99.8	103.4
1991	10	98.0	83.8	98.2	99.5	103.3
1992	13	99.6	86.4	98.0	99.9	103.4
1994	15	95.7	92.0	97.2	98.9	101.8
1995	10	97.5	64.2	97.6	99.1	102.8
1997	22	97.3	82.9	98.7	100.3	101.8
1998	16	98.9	91.9	98.0	99.6	102.5
1999	14	99.4	93.1	97.5	99.0	102.5
2002	12	99.1	76.7	99.3	99.9	102.1
2003	13	100.2	85.2	99.6	100.4	102.4
2005	10	98.5	94.0	100.0	100.6	103.0
2006	11	99.3	84.0	99.2	100.4	103.0
2007	11	99.5	82.5	100.4	101.3	103.3
2009	13	98.5	78.9	99.8	101.0	102.8

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1981	11	-174.6	-468.4	0.0	102.9	104.6	84.9	98.3	99.5	0.0
1985	10	-156.4	-469.5	0.0	101.3	105.0	85.8	98.8	100.5	101.9
1986	12	-133.2	-422.5	-130.5	103.1	105.7	85.9	99.7	100.3	41.8
1987	11	-139.1	-419.5	0.0	102.7	105.0	84.0	99.0	100.8	80.5
1988	21	-146.7	-445.0	-126.6	102.6	105.3	85.4	99.0	100.2	89.4
1989	27	-170.2	-477.7	-231.4	102.0	106.3	84.0	98.4	100.6	81.2
1990	24	-148.4	-444.9	-187.4	101.8	106.9	84.7	98.6	101.1	79.2
1991	20	-156.2	-432.0	-209.1	101.8	105.2	85.5	98.8	100.5	46.3
1992	25	-152.4	-415.6	-192.4	102.0	106.0	83.9	98.5	100.9	45.6
1993	20	-152.7	-405.0	-239.4	100.8	105.7	83.3	99.0	100.1	35.0
1994	31	-151.8	-363.6	-228.8	100.7	105.6	84.0	99.3	100.1	14.9
1995	17	-152.2	-417.4	-257.6	101.2	105.5	85.0	98.3	99.9	71.1

1996	27	-163.7	-414.4	-229.2	101.1	104.8	83.6	99.6	100.9	38.7
1997	34	-128.6	-312.8	-286.3	101.3	105.7	84.4	99.6	101.2	-0.5
1998	25	-149.2	-363.3	-245.8	101.4	105.3	85.2	99.3	101.1	-6.3
1999	30	-153.6	-379.3	-232.1	101.1	105.2	85.0	99.6	100.4	12.4
2000	29	-138.2	-342.5	-251.4	101.2	105.3	84.1	100.3	101.0	-8.2
2001	26	-145.0	-355.4	-256.4	101.2	104.6	84.6	99.5	99.7	8.0
2002	21	-139.9	-304.5	-259.0	101.3	104.7	85.2	99.8	101.0	-28.0
2003	28	-109.6	-273.1	-190.8	101.7	105.2	86.9	101.3	100.9	-26.8
2004	22	-120.2	-292.6	-238.4	102.0	105.2	85.6	100.8	100.4	-27.1
2005	22	-128.5	-314.5	-285.1	102.1	105.3	86.2	100.2	101.8	-25.4
2006	23	-115.4	-297.1	-250.3	102.2	106.4	86.0	100.5	101.2	-31.3
2007	23	-81.3	-190.3	-213.4	102.8	105.9	84.5	100.2	100.9	-58.8
2008	26	-84.6	-224.0	-198.0	102.2	105.9	85.6	100.0	100.9	-37.5
2009	19	-62.7	-163.6	-150.5	102.3	105.9	85.8	99.1	101.5	-52.0
2010	12	-73.2	-168.6	-218.3	101.1	105.7	87.7	102.3	100.2	-63.7
2015	14	-21.4	-53.4	-49.1	101.7	104.3	0.0	0.0	101.3	-58.4
2016	13	-25.6	-81.2	-91.7	102.2	104.9	0.0	0.0	101.2	-63.9

Tabel: 226 Montbéliard: Klauwgezondheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2007	10	97.6	92.4	103.7	101.1	96.0	99.6	93.4

Tabel: 227 Montbéliard: Levensvatbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	11	96.5	102.7	96.5	102.7	95.6	102.7
1988	11	96.4	102.5	96.4	102.5	95.1	102.9
1989	14	96.1	103.1	96.1	103.1	95.6	102.8
1990	11	97.0	103.3	97.0	103.3	95.9	103.1
1991	11	96.4	103.5	96.4	103.5	95.4	103.1
1992	13	96.6	103.5	96.6	103.5	95.9	102.8
1993	14	96.0	102.8	96.0	102.8	93.9	103.9
1994	21	95.7	102.7	95.7	102.7	94.2	103.4
1996	10	96.9	103.2	96.9	103.2	95.5	104.0
1997	30	96.3	104.0	96.3	104.0	95.8	104.8
1998	17	96.0	104.2	96.0	104.2	95.7	104.6
1999	19	95.2	103.7	95.2	103.7	94.7	103.9
2000	12	94.9	103.7	94.9	103.7	94.7	104.2
2002	11	95.6	104.1	95.6	104.1	95.3	103.9
2003	17	95.1	104.3	95.1	104.3	95.6	104.7
2004	17	95.6	103.2	95.6	103.2	95.5	103.9
2005	14	96.7	103.9	96.7	103.9	96.1	104.1
2006	13	96.0	104.5	96.0	104.5	95.8	104.5
2007	14	95.2	104.1	95.2	104.1	94.3	105.0
2008	12	95.7	103.8	95.7	103.8	94.7	104.0
2009	17	95.9	104.1	95.9	104.1	95.1	104.5
2010	11	95.2	103.6	95.2	103.6	94.5	104.1

Tabel: 228 Montbéliard: Geboortekkenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1986	10	91.8	112.3	112.7	98.1	85.5	82.5
1988	11	89.6	113.1	114.7	79.3	67.4	66.9
1989	13	89.7	112.4	114.5	108.1	92.5	91.6
1990	11	88.8	113.0	115.3	108.3	91.4	91.8
1991	12	89.2	112.5	115.7	81.4	69.1	67.7
1992	12	90.4	112.5	113.7	98.7	86.2	85.8
1993	12	88.8	111.8	116.0	101.6	86.1	81.8
1994	19	89.5	111.9	115.4	104.6	88.7	85.3
1995	10	89.5	111.9	115.2	76.7	65.0	63.4
1996	10	88.7	111.1	115.9	110.9	90.8	89.4
1997	29	89.5	111.6	115.2	107.6	87.6	85.4
1998	17	89.5	112.1	115.0	103.8	85.8	84.8
1999	18	88.8	111.6	115.6	96.7	82.7	82.7
2000	13	90.2	111.9	114.3	83.5	71.4	71.6
2001	10	89.3	111.9	115.3	87.2	73.4	72.7
2002	11	90.1	111.8	114.5	89.8	76.8	75.1
2003	19	88.9	111.3	116.1	105.4	87.8	85.4
2004	17	89.6	112.5	115.0	97.5	81.8	80.0
2005	14	90.5	113.3	113.7	94.2	80.5	79.9
2006	13	89.9	110.4	114.9	102.5	85.3	83.0
2007	15	89.4	111.7	114.6	111.1	93.7	90.9
2008	16	89.5	112.2	114.9	82.5	70.4	69.9
2009	23	89.3	112.3	115.2	104.6	89.9	88.5
2010	18	88.9	112.0	115.9	103.2	88.3	87.8
2013	12	90.9	111.8	112.9	90.6	78.5	76.7
2015	20	89.8	111.2	114.2	107.0	95.2	93.3
2016	10	89.6	109.9	114.0	106.3	96.0	95.3

Tabel: 229 Montbéliard: 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	12	104.8	121.8	99.5	106.0	114.5	104.1	101.1	96.7	118.1	103.5	106.8
1988	14	106.2	120.1	100.6	105.1	114.9	103.6	102.9	96.4	116.9	103.9	107.1
1989	15	107.2	121.1	99.1	105.5	116.9	103.0	103.9	95.7	118.6	102.2	109.1
1990	12	106.2	121.8	100.2	105.0	116.7	104.1	103.0	95.3	119.7	102.7	109.3
1991	14	105.2	121.9	100.0	105.8	114.5	104.4	101.4	96.7	118.4	103.4	107.4
1992	14	106.5	121.6	100.1	105.9	116.1	103.9	102.9	96.1	118.7	103.2	108.6
1993	13	103.9	121.8	100.0	106.3	113.7	105.2	100.5	95.4	118.4	103.3	108.3
1994	22	104.5	122.0	99.0	106.7	114.0	104.8	100.7	96.4	118.4	103.1	108.1
1995	11	104.7	121.6	99.5	106.5	114.2	104.8	100.9	96.2	118.3	103.2	108.1
1996	13	105.7	122.3	99.4	107.2	114.7	104.5	102.5	95.8	118.3	103.8	108.8
1997	29	104.6	121.4	99.7	106.7	113.1	105.2	100.9	96.4	117.6	103.3	108.6
1998	19	104.9	120.9	99.3	106.3	113.6	104.2	101.5	96.7	117.1	102.7	108.1
1999	21	106.0	120.8	99.7	106.1	115.3	103.2	102.9	95.7	117.4	102.7	108.1

2000	21	106.2	121.1	99.9	106.2	115.3	103.6	102.8	96.4	117.8	102.8	108.8
2001	17	105.8	121.1	100.1	107.0	114.2	105.0	102.5	96.7	117.5	103.9	108.9
2002	14	106.4	120.2	99.9	106.9	113.7	104.4	102.9	97.6	116.5	104.1	108.4
2003	24	106.0	120.3	100.4	106.8	114.0	104.2	102.5	97.5	116.7	103.8	108.3
2004	28	105.4	120.2	99.3	106.2	113.4	104.2	101.8	97.5	116.6	103.1	108.0
2005	20	104.9	120.8	99.2	106.0	113.3	104.6	100.8	97.9	117.2	103.2	107.6
2006	21	105.5	119.0	100.1	105.8	113.7	104.0	102.1	97.2	116.0	103.5	107.2
2007	19	105.2	120.3	99.4	108.1	112.5	105.0	102.4	96.5	115.7	104.4	107.6
2008	21	105.8	120.2	98.7	108.3	112.5	104.3	102.6	97.4	116.1	103.3	109.0
2009	18	105.0	120.0	100.4	107.4	113.1	104.8	102.5	95.3	116.2	103.9	108.7
2010	11	106.1	118.2	99.6	107.1	112.6	103.3	103.7	96.5	114.7	103.0	108.2

Tabel: 230 Montbéliard: Kalvervitaliteit  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1986	10	92.9	98.1	84.1
1988	10	93.8	98.1	86.2
1989	13	95.2	100.1	84.2
1990	11	96.3	101.0	84.9
1991	12	94.8	99.8	85.2
1992	12	95.5	100.3	84.6
1993	13	93.8	99.5	84.7
1994	20	93.6	98.7	84.8
1996	10	94.7	99.4	86.0
1997	30	95.2	99.6	84.8
1998	16	95.6	100.1	83.6
1999	18	96.5	101.1	85.8
2000	12	96.7	101.6	85.5
2002	11	95.5	100.3	84.8
2003	17	95.2	100.2	87.9
2004	17	94.4	99.1	85.7
2005	13	93.9	98.7	84.3
2006	13	96.3	101.1	86.8
2007	14	93.1	99.9	82.9
2008	11	94.4	100.1	84.4
2009	16	95.2	100.4	84.5
2010	11	95.2	100.4	85.0

Tabel: 231 Montbéliard: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	24	-2900.0	-11421.7	-506.5	-409.7
2002	21	-2764.0	-10471.0	-490.6	-387.7
2003	28	-2316.6	-8629.7	-414.0	-323.9
2004	21	-2616.5	-9773.5	-469.4	-364.6
2005	22	-2945.3	-11225.7	-523.7	-411.8
2006	23	-2666.0	-10002.7	-476.2	-372.7
2007	23	-2145.3	-7992.0	-385.1	-299.2

2008	26	-2178.7	-8071.2	-393.2	-302.9
2009	22	-1762.9	-6211.2	-322.8	-243.8
2010	12	-2108.5	-7629.6	-387.4	-290.2
2015	14	-694.4	-1609.9	-147.4	-88.4
2016	13	-1063.8	-3393.8	-215.0	-137.7

Tabel: 232 Montbéliard: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Eff	Int	Gewen
1992	11	95.6	98.8	99.4
1994	17	94.7	97.9	99.8
1997	27	94.3	99.0	99.4
1998	15	94.4	98.5	99.0
1999	13	97.2	100.6	98.1
2003	14	95.9	100.8	98.9
2004	15	95.0	99.3	99.4
2007	12	93.8	101.2	99.2
2009	14	95.0	101.6	98.1

Tabel: 233 Montbéliard: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1981	11	102.5	97.2	0	0.0	0.0	0	0.0
1985	10	101.8	97.2	10	-4.8	101.9	0	0.0
1986	12	102.9	97.3	12	-3.5	41.8	0	0.0
1987	11	100.7	97.6	11	-4.1	80.5	0	0.0
1988	21	101.5	97.3	21	-4.5	89.4	0	0.0
1989	27	100.3	97.2	27	-4.5	81.2	0	0.0
1990	24	100.8	97.2	24	-4.3	79.2	0	0.0
1991	20	102.1	97.8	20	-3.6	46.3	0	0.0
1992	25	101.1	96.5	25	-3.5	45.6	0	0.0
1993	20	101.0	97.2	20	-3.3	35.0	0	0.0
1994	31	101.1	96.9	31	-2.7	14.9	0	0.0
1995	17	101.9	97.7	17	-4.0	71.1	0	0.0
1996	27	101.9	97.7	27	-3.4	38.7	0	0.0
1997	34	102.2	97.5	34	-2.1	-0.5	0	0.0
1998	25	101.7	97.8	25	-2.4	-6.3	0	0.0
1999	30	101.6	97.2	30	-2.8	12.4	0	0.0
2000	29	102.3	97.4	29	-2.2	-8.2	0	0.0
2001	26	102.6	97.8	26	-2.5	8.0	8	106.9
2002	21	103.8	97.1	21	-1.6	-28.0	12	107.2
2003	28	104.6	97.8	28	-1.4	-26.8	13	108.6
2004	22	102.9	97.8	22	-1.5	-27.1	9	108.9
2005	22	103.0	96.3	22	-1.7	-25.4	9	107.2
2006	23	101.5	97.5	23	-1.5	-31.3	11	108.7
2007	23	103.2	96.7	23	-0.3	-58.8	11	109.4
2008	26	103.7	97.8	26	-0.9	-37.5	8	107.6
2009	19	104.1	97.4	22	-0.4	-52.0	13	108.2

2010	12	102.9	97.4	12	-0.1	-63.7	3	110.3
2015	14	104.6	94.6	14	0.6	-58.4	0	0.0
2016	13	103.2	94.5	13	0.5	-63.9	0	0.0

Tabel: 234 Montbéliard: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	11	100.0	0	0.0	0	0.0	11	101.4
1988	10	100.0	0	0.0	0	0.0	10	102.2
1989	12	100.0	0	0.0	0	0.0	12	101.5
1990	12	100.0	0	0.0	0	0.0	12	101.6
1991	12	100.1	0	0.0	0	0.0	12	102.3
1992	13	100.0	0	0.0	0	0.0	13	101.8
1993	11	100.0	0	0.0	0	0.0	11	100.9
1994	22	100.0	0	0.0	1	98.0	22	101.1
1996	13	100.0	0	0.0	0	0.0	13	101.9
1997	28	100.0	1	101.0	1	97.0	28	102.4
1998	17	100.0	0	0.0	0	0.0	17	102.2
1999	18	100.0	0	0.0	0	0.0	18	102.0
2000	13	99.9	0	0.0	2	98.5	13	102.2
2001	12	100.1	0	0.0	0	0.0	12	102.6
2002	12	100.2	0	0.0	3	101.3	12	102.0
2003	21	100.0	0	0.0	0	0.0	21	102.0
2004	19	100.0	0	0.0	0	0.0	19	102.4
2005	12	100.0	0	0.0	0	0.0	12	101.0
2006	17	100.0	0	0.0	2	98.0	17	102.5
2007	15	100.0	2	101.0	2	97.0	15	103.7
2008	14	100.0	0	0.0	0	0.0	14	102.9
2009	19	100.0	0	0.0	0	0.0	19	102.8
2010	12	100.0	0	0.0	1	100.0	12	101.7
2015	14	99.9	0	0.0	0	0.0	14	101.6
2016	12	100.0	0	0.0	0	0.0	12	101.2

Tabel: 235 Piemontese: Vruchtbaarheidsskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2005	10	94.0	102.3	95.3	96.7	92.9	88.8	78.3	96.9
2007	10	95.7	102.3	96.2	97.3	94.5	90.4	77.5	97.8

Tabel: 236 Blonde d'Aquitaine: Vruchtbaarheidsskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	23	97.1	98.0	93.4	93.4	93.8	81.9	52.3	94.2

1984	17	96.6	98.5	93.1	93.9	93.4	81.2	56.2	93.9
1985	20	97.7	98.0	93.5	93.8	94.0	83.0	55.1	94.3
1986	23	96.9	98.2	93.3	93.9	93.8	82.3	54.9	94.1
1987	44	95.4	98.7	92.5	93.6	92.5	80.3	55.6	93.8
1988	40	96.7	98.3	93.3	93.7	93.4	81.9	55.6	94.2
1989	40	95.3	98.5	91.9	93.3	92.0	80.3	55.6	93.1
1990	51	96.2	98.6	93.1	93.9	93.1	82.1	60.0	94.1
1991	45	96.5	98.1	93.0	93.5	93.2	81.6	58.2	93.8
1992	74	96.7	97.9	92.9	93.4	93.2	81.5	56.2	93.7
1993	64	96.3	97.8	92.9	93.3	93.0	81.2	57.2	93.7
1994	73	96.3	98.4	93.2	93.9	93.1	81.2	59.2	94.1
1995	105	96.6	98.6	93.5	94.1	93.4	81.6	59.2	94.4
1996	111	96.1	99.1	93.8	94.4	93.5	81.5	58.9	94.8
1997	120	96.9	98.2	93.7	94.1	93.8	82.2	59.6	94.5
1998	152	96.1	98.9	93.4	94.3	93.2	81.4	58.9	94.4
1999	148	96.3	98.5	93.2	94.0	93.2	81.3	57.7	94.1
2000	186	96.3	98.7	93.4	94.2	93.4	81.9	58.9	94.3
2001	148	96.2	98.8	93.3	94.1	93.2	81.3	57.4	94.3
2002	179	96.5	98.8	93.4	94.2	93.4	81.7	58.4	94.4
2003	191	96.5	98.5	93.1	94.0	93.4	81.5	57.5	94.1
2004	159	97.0	98.4	93.4	94.1	93.6	82.0	57.8	94.3
2005	152	97.0	98.4	93.3	93.9	93.5	81.9	58.0	94.1
2006	187	96.8	98.4	93.2	94.0	93.4	81.6	57.1	94.1
2007	202	97.1	98.2	93.2	93.9	93.6	81.6	57.1	94.1
2008	186	96.8	98.3	92.8	93.8	93.2	81.5	57.5	93.8
2009	151	96.9	98.2	92.9	93.9	93.3	81.6	57.4	93.9
2010	104	96.8	97.7	92.8	93.5	93.3	81.7	57.9	93.6
2011	133	96.7	98.1	92.8	93.6	93.2	81.6	57.7	93.7
2012	133	96.7	98.4	93.0	94.0	93.4	81.5	57.1	94.0
2013	146	96.5	98.3	92.8	93.8	93.2	81.4	57.9	93.8
2014	136	96.5	98.2	93.1	93.9	93.4	81.9	58.8	94.0
2015	158	96.4	98.5	93.1	94.1	93.4	81.9	59.1	94.0
2016	130	96.3	98.3	92.9	94.0	93.2	81.7	59.2	93.8
2017	25	96.4	97.8	92.5	93.5	93.1	82.0	59.8	93.4
2018	16	96.9	97.7	92.9	93.8	93.6	82.3	60.4	93.7

Tabel: 237 Blonde d'Aquitaine: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	11	70.9	123.6	136.5	11.5	8.0	7.6
1987	11	67.3	125.7	140.6	11.8	8.1	7.8
1989	17	68.9	125.2	138.8	30.2	20.8	19.7
1990	17	67.9	124.8	139.7	7.9	4.9	4.6
1991	15	67.5	124.5	140.3	17.2	11.8	11.3
1992	23	70.2	125.4	137.3	56.0	38.0	35.2
1993	21	70.0	124.6	137.5	68.1	46.0	43.0
1994	25	69.8	125.2	137.9	25.6	17.5	16.2
1995	29	69.0	124.7	138.7	22.3	15.2	14.7
1996	13	71.7	123.6	135.8	29.5	20.7	18.9
1997	29	69.8	124.6	137.6	39.9	27.6	26.0
1998	28	68.8	125.4	139.1	69.2	47.3	44.4
1999	35	69.7	124.2	138.0	66.4	45.3	42.7
2000	50	70.3	124.7	137.2	59.1	41.0	38.7

2001	29	70.2	124.6	137.4	66.2	45.8	43.5
2002	31	71.2	124.4	136.0	75.0	51.7	48.5
2003	51	71.2	124.4	136.1	78.8	54.0	49.7
2004	30	70.0	123.9	137.5	60.4	41.3	38.2
2005	45	70.0	124.7	137.4	83.8	57.0	53.4
2006	63	70.8	124.3	136.7	90.6	61.9	58.1
2007	84	70.0	124.8	137.5	110.9	76.0	70.8
2008	78	69.8	125.1	137.8	112.2	77.4	72.8
2009	89	71.0	123.4	136.4	108.6	74.1	69.4
2010	82	70.3	123.7	137.1	98.9	67.7	63.0
2011	85	71.1	123.3	136.3	107.6	72.9	67.7
2012	70	70.8	122.8	136.8	102.8	69.9	65.4
2013	83	71.3	123.5	136.2	107.3	72.9	67.7
2014	83	71.4	123.0	136.0	106.1	71.5	66.8
2015	91	71.6	123.4	135.6	109.5	74.0	69.3
2016	75	71.4	124.0	135.9	108.5	74.0	69.0
2017	74	70.9	122.5	136.4	109.7	74.9	70.0
2018	87	71.5	123.8	135.7	72.9	49.5	46.2
2019	54	72.4	123.8	134.9	40.9	27.9	25.9
2020	32	71.5	123.0	136.0	16.3	11.0	10.1
2021	18	71.4	123.2	136.2	21.7	14.6	13.5

Tabel: 238 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	117.6	149.8	106.6	131.7	131.8	115.2	107.5	102.3	131.7	118.8	122.9
1989	12	117.6	148.8	107.6	134.1	129.3	117.2	108.0	102.3	130.5	120.4	126.2
1990	10	117.8	149.6	106.3	135.3	128.4	116.3	108.8	102.0	130.4	119.3	126.7
1991	18	116.0	148.9	105.2	133.8	127.7	115.5	107.2	101.9	129.3	118.3	123.6
1992	23	117.4	149.2	107.5	132.7	129.7	115.8	108.1	102.0	130.8	119.4	125.2
1993	21	116.7	148.3	106.7	134.3	127.3	116.8	107.8	102.0	129.2	120.0	125.0
1994	15	116.1	149.6	106.3	134.1	127.7	115.9	107.3	101.3	129.6	119.1	124.5
1995	21	116.0	148.7	106.3	134.0	127.1	116.5	107.2	101.3	129.8	119.3	125.0
1996	13	116.2	148.7	105.2	134.7	127.0	116.3	107.4	101.5	129.9	118.6	125.5
1997	31	116.1	148.5	106.5	132.2	128.7	115.4	107.2	101.5	130.3	118.3	123.6
1998	23	116.7	149.7	105.1	135.6	128.0	116.1	107.9	101.5	129.6	118.9	125.4
1999	21	116.7	149.8	106.8	133.7	129.2	116.5	107.2	101.8	131.1	119.6	124.1
2000	46	115.9	148.7	105.4	133.9	127.6	116.0	107.1	101.2	129.7	118.5	124.1
2001	30	117.0	148.8	105.4	135.7	127.4	116.5	108.4	101.9	129.0	119.2	125.7
2002	44	115.8	147.4	106.0	133.3	126.9	116.2	107.1	101.6	129.1	118.7	124.2
2003	47	116.3	147.9	105.6	133.6	127.5	115.8	107.5	101.7	129.3	118.3	124.6
2004	41	116.8	147.6	105.2	134.3	127.2	115.5	108.2	102.0	128.8	118.0	125.2
2005	52	116.6	147.8	105.8	134.7	127.1	116.1	108.2	101.5	128.8	118.5	125.5
2006	74	116.0	146.9	106.2	133.2	126.9	115.7	107.6	101.4	128.3	118.1	124.8
2007	83	116.0	146.8	106.2	133.5	126.4	116.0	107.6	101.5	128.3	118.1	125.2
2008	79	117.0	148.1	105.3	135.3	127.1	116.0	108.5	101.7	129.4	118.1	126.7
2009	71	116.4	147.1	104.7	135.5	125.4	115.9	108.4	101.5	127.7	117.7	126.4
2010	54	115.7	147.7	105.8	135.2	125.2	116.3	107.6	101.1	128.2	118.3	125.5
2011	67	116.2	148.7	106.1	135.7	125.8	116.7	107.8	101.3	129.1	118.8	126.3
2012	53	114.8	146.5	106.4	133.0	125.5	116.4	106.4	101.1	128.0	118.7	123.7
2013	63	115.7	147.3	106.1	134.1	126.0	116.2	107.4	101.2	128.8	118.4	125.1
2014	34	115.4	146.3	106.6	133.0	125.6	116.4	107.0	101.4	128.3	118.5	124.5
2015	23	115.6	145.9	106.4	133.7	125.0	116.3	107.7	101.2	127.8	118.3	125.6

2016 17 115.5 144.6 107.8 131.1 125.8 116.1 107.4 101.5 128.1 118.4 124.5

Tabel: 239 Normande: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1988	10	-2491.9	-103.2	-85.6	-113.4	14.4	7.0	0.3	-601.9
1995	15	-2329.1	-97.9	-80.7	-105.9	10.7	5.3	0.2	-568.5
2004	22	-2238.2	-91.0	-77.4	-73.9	15.9	5.5	47.4	-530.5
2005	11	-2159.6	-91.4	-73.5	-84.1	9.1	7.1	22.9	-518.3
2006	13	-2301.2	-97.4	-77.4	-82.7	9.6	9.0	37.7	-546.6
2007	28	-2140.4	-89.2	-74.2	-78.2	11.3	4.6	32.2	-515.0
2008	16	-2220.9	-91.9	-75.2	-85.0	12.9	8.1	27.6	-527.2
2010	12	-1989.4	-84.9	-69.7	-79.8	6.7	3.1	16.8	-487.9

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

Tabel: 240 Normande: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1995	14	103.1	105.6	104.9	106.0	103.1	98.1	83.9	105.7
2004	22	103.0	105.1	104.3	105.5	102.6	97.5	84.2	105.0
2005	10	103.3	104.9	104.6	105.6	102.7	98.0	84.7	105.1
2006	14	103.4	104.5	104.6	105.4	102.9	97.9	84.8	105.1
2007	28	103.9	105.1	105.5	106.1	103.8	98.8	84.6	106.1
2008	14	103.0	104.4	103.8	104.9	102.4	97.9	84.0	104.4

Tabel: 241 Normande: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1988	10	-197.6	-601.9	0.0	98.0	105.5	87.0	93.0	0.0	190.9
1995	15	-190.5	-568.5	0.0	96.5	105.7	85.7	92.0	99.0	115.0
2004	22	-220.5	-530.5	-642.6	98.9	105.0	0.0	0.0	0.0	63.2
2005	11	-199.0	-518.3	-421.9	97.4	105.1	0.0	0.0	0.0	92.8
2006	13	-227.5	-546.6	-604.4	97.9	105.1	0.0	0.0	0.0	71.5
2007	28	-201.8	-515.0	-511.8	97.4	106.1	0.0	0.0	98.5	74.4
2008	16	-217.3	-527.2	-574.3	97.7	104.4	0.0	0.0	99.5	74.9
2010	12	-168.8	-487.9	-233.2	97.3	105.5	0.0	0.0	0.0	96.0

Tabel: 242 Normande: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	21	-5240.5	-20985.0	-895.1	-742.0
2005	10	-4227.7	-17004.4	-727.7	-598.1
2006	13	-5108.5	-20472.6	-881.8	-719.9
2007	26	-4609.8	-18429.9	-790.7	-652.9
2008	14	-4924.0	-19805.1	-845.9	-696.6

Tabel: 243 Normande: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1988	10	104.2	96.1	10	-7.2	190.9	0	0.0
1995	15	103.7	94.4	15	-5.7	115.0	0	0.0
2004	22	105.6	94.1	22	-4.4	63.2	0	0.0
2005	11	106.0	94.2	11	-4.9	92.8	0	0.0
2006	13	103.1	93.2	13	-4.7	71.5	0	0.0
2007	28	106.1	94.2	28	-4.6	74.4	0	0.0
2008	16	105.5	93.3	16	-4.7	74.9	0	0.0
2010	12	105.5	94.3	12	-4.8	96.0	0	0.0

Tabel: 244 Normande: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2007	12	100.0	0	0.0	0	0.0	12	99.9
2008	10	100.0	0	0.0	0	0.0	10	101.0
2010	11	100.0	0	0.0	0	0.0	11	101.2

Tabel: 245 KRB: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2013	32	-1054.3	-45.9	-48.4	-42.0	2.4	-17.3	12.2	-307.5
2014	35	-947.8	-46.2	-45.5	-36.7	-6.8	-18.1	13.3	-294.5
2015	38	-985.5	-46.9	-45.4	-37.0	-5.3	-15.7	15.5	-295.8
2016	57	-964.4	-47.7	-44.1	-31.8	-8.5	-14.5	23.3	-290.5
2017	77	-920.0	-43.3	-42.5	-31.0	-4.0	-15.0	20.7	-274.3
2018	33	-904.4	-41.8	-41.5	-25.2	-3.1	-14.0	30.1	-265.3

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

Tabel: 246 KRB: Vruchtbaarheidsskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2013	32	99.2	102.3	100.0	100.3	100.1	99.7	93.5	100.8
2014	35	99.4	102.1	100.1	100.3	100.3	99.7	93.5	100.7
2015	32	99.3	102.5	100.2	100.5	100.3	99.6	93.4	101.1
2016	37	99.4	103.3	100.6	101.3	100.7	99.8	93.0	101.5
2017	39	99.1	102.0	99.7	99.9	99.9	99.3	93.2	100.4
2018	15	99.2	103.3	100.6	101.2	100.4	99.6	93.0	101.5

Tabel: 247 KRB: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
2013	32	-124.0	-307.5	-142.8	98.5	100.8	0.0	0.0	0.0	38.9
2014	35	-123.5	-294.5	-218.0	99.1	100.7	0.0	0.0	0.0	33.9
2015	38	-110.2	-295.8	-101.4	99.6	101.1	0.0	0.0	0.0	37.0
2016	57	-106.0	-290.5	-138.6	100.5	101.5	0.0	0.0	0.0	37.7
2017	77	-99.7	-274.3	-11.0	99.3	100.4	0.0	0.0	0.0	39.8
2018	33	-93.0	-265.3	-29.3	99.7	101.5	0.0	0.0	0.0	44.5

Tabel: 248 KRB: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2013	10	83.8	103.9	122.9	0.0	0.0	0.0
2017	35	83.7	104.1	123.2	0.0	0.0	0.0
2018	27	84.2	104.5	122.7	0.0	0.0	0.0
2019	13	83.2	105.1	123.7	0.0	0.0	0.0

Tabel: 249 KRB: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2013	31	-2147.1	-8268.7	-337.7	-321.8
2014	35	-2484.2	-9445.4	-404.9	-365.4
2015	38	-1883.4	-7083.8	-300.2	-280.6
2016	54	-1992.1	-7434.6	-323.0	-293.7
2017	65	-1226.9	-4506.2	-183.8	-189.0
2018	29	-1333.6	-4993.1	-204.3	-202.5

Tabel: 250 KRB: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
2013	32	100.7	97.3	32	-2.5	38.9	0	0.0
2014	35	100.6	96.9	35	-2.3	33.9	0	0.0
2015	38	101.4	95.7	38	-2.4	37.0	0	0.0
2016	57	102.3	97.9	57	-2.4	37.7	0	0.0
2017	77	102.2	96.7	77	-2.3	39.8	0	0.0
2018	33	102.5	97.6	33	-2.3	44.5	0	0.0

Tabel: 251 KRB: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2009	17	99.9	0	0.0	0	0.0	17	96.2
2010	21	99.9	0	0.0	0	0.0	21	95.0
2012	23	99.9	0	0.0	0	0.0	23	96.0
2013	34	99.7	0	0.0	0	0.0	34	95.1
2014	47	99.8	0	0.0	0	0.0	47	95.2
2015	38	99.8	0	0.0	0	0.0	38	95.5
2016	56	99.8	0	0.0	0	0.0	56	95.4
2017	76	99.8	0	0.0	0	0.0	76	95.6
2018	31	99.7	0	0.0	0	0.0	31	94.8