

## Genetische trends van koeien in Nederland

Datum: 04-04-2024

Algemene toelichting op de genetische trends van koeien:

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

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

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

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

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

Toelichting op gebruikte afkortingen:

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kgM = Kg melk  
kgV = Kg vet  
kgE = Kg eiwit  
kgL = Kg lactose  
%V = %vet  
%E = %eiwit  
%L = %lactose  
INET = INET  
H = Hoogtemaat  
VH = Voorhand  
IH = Inhoud  
OH = Openheid  
CS = Conditie  
KL = Kruisligging  
KB = Kruisbreedte  
BA = Beenstand achter  
BZ = Beenstand zij  
KH = Klauwhoek  
VB = Voorbeenstand  
BG = Beengebruik  
VA = Vooruieraanhechting  
VP = Voorspeenplaatsing  
SL = Speenlengte  
UD = Uierdiepte  
AH = Achteruierhoogte  
OB = Ophangband  
AP = Achterspeenplaatsing  
UBA = Uierbalans  
F = Frame  
T = Type  
U = Uier  
B = Beenwerk  
Bs = Bespiering  
Ext = Totaal exterieur  
NR56 = Non Return  
IAI = Interval afkalven-1e inseminatie  
IEL = Interval eerste-laatste inseminatie  
TKT = Tussenkalftijd  
DP\_ko = Drachtpercentage-koe  
DP\_pi = Drachtpercentage-pink  
LEI = Leeftijd 1e inseminatie-pink  
DO = Open dagen  
Vru = Vruchtbaarheidsindex  
MS = Melksnelheid  
Kar = Karakter  
SCC = Celgetal  
SKM = Subklinische mastitis  
KM = Klinische mastitis  
NVI = NVI

Lvd = Levensduur  
 Ugh = Uiergezondheidsindex  
 Kgh = Klauwgezondheidsindex  
 Bv = Bevangenheid  
 Mo = Mortellaro  
 Sp = Stinkpoot  
 Zz = Zoolzweer  
 Ty = Tyloom  
 Wld = Wittelijnd defect  
 LVg = Index Levensvatbaarheid  
 LVa = Index Maternale Levensvatbaarheid  
 LVg1 = Directe levensvatbaarheid vaarzen  
 LVal = Maternale levensvatbaarheid vaarzen  
 LVg2 = Directe levensvatbaarheid koeien  
 LVa2 = Maternale levensvatbaarheid koeien  
 Geb = Direct geboorteverloop  
 DDT = Directe draagtijd  
 DGw = Direct geboortegewicht  
 Afk = Maternaal afkalfgemak  
 MDt = Maternale draagtijd  
 MGw = Maternaal geboortegewicht  
 Gin = Geboorteindex  
 Be\_ko = Beveleedheid koe  
 Ve\_ko = Vetbedekking koe  
 Gw\_ko = Gewicht koe  
 Be\_ka = Beveleedheid kalf  
 Ve\_ka = Vetbedekking kalf  
 Gr\_ka = Groei kalf  
 Vlkl = Vleeskleur kalf  
 Be\_st = Beveleedheid stier  
 Ve\_st = Vetbedekking stier  
 Gr\_st = Groei stier  
 Vlin = Vleesindex  
 KaVi1 = Kalvervitaliteit gedurende opfok  
 KaVi2 = Kalvervitaliteit gedurende opfok dag 3-14  
 KaVi3 = Kalvervitaliteit mestkalveren  
 LPin = Levensproductie index  
 LPkgM = Levensproductie kg melk  
 LPkgV = Levensproductie kg vet  
 LPkgE = Levensproductie kg eiwit  
 Eff = AMS Efficiency  
 Int = AMS Interval  
 Gewen = AMS Gewenning  
 AMS = AMS index  
 Pers = Persistentie  
 RTM = Laatrijphheid  
 DSopn = Kg droge stof opname  
 Gew = Lichaamsgewicht  
 BVK = Besparing voerkosten voor onderhoud (euro/lact)  
 SAin = Stofwisselingsaandoeningen index  
 MZ = Melkziekte index  
 SMZ = Klinische Ketose / Slepemde Melkziekte index  
 RSin = Reproductiestoornissen index  
 NAGE = Aan de nageboorte blijven staan-index  
 VUIL = Niet opgeschoonde baarmoeders-index  
 BMON = Baarmoederontsteking index  
 CYST = Cysteuze eierstokken index  
 ANOE = Anoestrus index  
 SubKE = Subklinische ketose index

Rassen met meer dan 10 waarnemingen per jaar - Nederland

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Holstein Friesian - zwartbont  
 Holstein Friesian - roodbont

Holstein - Fries Hollands zwartbont  
 Fries Hollands - zwartbont  
 Fries Hollands - roodbont  
 Maas Rijn IJssel  
 MRIJ - Holstein Friesian roodbont  
 Jersey  
 Lakenvelder - zwartbont  
 Lakenvelder - roodbont  
 Blaarkop - zwartbont  
 Verbeterd Roodbont  
 Belgisch Blauw Mixt  
 Witrood  
 Belgisch Blauw  
 Brand rood  
 Fleck Vieh  
 Brown Swiss  
 Zweeds Roodbont  
 Angler  
 Montbéliard  
 Piemontese  
 Blonde d'Aquitaine  
 Normande  
 KRB

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#### Genetische trend van koeien in Nederland

Tabel: 1 Holstein Friesian - zwartbont: Melkproductiekenmerken  
Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	2644	-2863.2	-103.7	-106.4	-130.3	30.9	-10.9	0.8	-693.2
1981	3215	-2771.5	-101.4	-104.5	-126.1	27.9	-12.7	0.8	-679.1
1982	3599	-2677.0	-96.6	-101.1	-121.8	28.8	-12.4	0.8	-653.9
1983	5237	-2613.8	-92.5	-99.6	-118.9	30.7	-13.5	0.7	-638.5
1984	8081	-2602.2	-90.5	-98.9	-118.3	33.2	-12.7	0.8	-630.8
1985	12708	-2625.8	-89.2	-97.8	-119.4	37.1	-9.7	0.8	-624.3
1986	20468	-2607.7	-87.2	-95.5	-118.6	39.2	-6.9	0.8	-610.6
1987	34787	-2531.4	-84.9	-92.6	-115.1	37.3	-6.3	0.7	-592.5
1988	62465	-2452.6	-82.1	-89.6	-111.5	36.1	-5.8	0.7	-573.3
1989	92243	-2366.7	-78.0	-86.8	-107.6	36.2	-6.1	0.7	-552.2
1990	118801	-2266.7	-76.4	-84.0	-103.0	31.8	-7.0	0.7	-535.8
1991	132172	-2095.2	-71.4	-78.1	-95.2	27.5	-7.0	0.7	-498.9
1992	153638	-1948.5	-69.0	-74.0	-88.5	21.2	-8.4	0.7	-475.1
1993	182973	-1860.7	-67.0	-71.0	-84.5	18.4	-8.3	0.7	-457.3
1994	197653	-1741.0	-65.0	-67.3	-79.0	13.8	-8.9	0.7	-436.4
1995	235287	-1600.5	-59.6	-62.3	-72.6	12.7	-8.5	0.6	-402.4
1996	238195	-1502.3	-57.3	-58.7	-68.1	9.9	-8.1	0.6	-381.5
1997	238066	-1444.0	-53.7	-55.9	-65.5	11.4	-7.0	0.6	-361.8
1998	246604	-1380.5	-51.5	-53.4	-62.6	10.7	-6.6	0.6	-346.1
1999	251121	-1354.5	-48.9	-51.6	-61.4	12.7	-5.2	0.6	-332.6
2000	242217	-1222.2	-46.2	-48.0	-55.7	8.9	-6.5	0.2	-310.7
2001	246165	-1190.3	-45.2	-46.4	-56.8	8.3	-5.9	-3.1	-302.5
2002	230952	-1084.0	-44.9	-44.0	-52.9	2.7	-7.5	-4.2	-290.8

2003	231074	-1059.7	-42.6	-43.3	-52.7	4.2	-7.6	-5.4	-282.6
2004	233660	-984.9	-40.4	-40.1	-48.8	3.0	-6.9	-4.8	-264.0
2005	232249	-944.0	-39.5	-38.6	-46.7	1.8	-6.7	-4.6	-255.3
2006	248508	-852.2	-38.5	-35.3	-41.7	-1.7	-6.4	-3.4	-237.9
2007	238670	-776.6	-37.3	-32.7	-37.9	-4.2	-6.5	-3.0	-223.9
2008	249154	-740.0	-36.5	-31.4	-36.1	-5.2	-6.4	-2.9	-216.4
2009	243121	-690.8	-35.0	-29.5	-33.7	-5.9	-6.2	-2.6	-204.8
2010	238726	-651.0	-32.5	-27.5	-31.7	-4.9	-5.3	-2.4	-190.6
2011	239803	-599.3	-30.0	-25.3	-28.6	-4.4	-4.8	-1.5	-175.4
2012	243791	-573.9	-29.1	-23.8	-27.5	-4.6	-4.1	-1.6	-167.1
2013	257444	-532.9	-27.0	-21.9	-25.6	-4.1	-3.4	-1.6	-154.1
2014	255781	-450.7	-24.0	-19.1	-22.0	-4.6	-3.5	-1.8	-135.5
2015	235088	-362.2	-19.7	-15.8	-17.9	-3.9	-3.1	-1.7	-111.7
2016	213602	-267.6	-14.9	-11.6	-13.7	-2.8	-2.1	-1.7	-83.1
2017	195876	-172.0	-10.8	-7.9	-8.8	-2.8	-1.5	-1.1	-57.5
2018	191375	-79.4	-6.3	-3.7	-4.4	-2.1	-0.4	-0.9	-29.9
2019	194821	-31.0	-0.3	0.1	-2.4	2.4	2.0	-1.1	-0.7
2020	199258	34.3	4.3	3.3	1.0	4.4	3.0	-0.7	22.9
2021	173920	86.2	9.5	6.7	3.7	7.6	4.7	-0.3	48.5
2022	12025	151.5	14.1	10.2	6.9	9.3	6.0	-0.1	73.7

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

Tabel: 2 Holstein Friesian - zwartbont: Exterieurkenmerken bouw  
Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	2962	85.4	91.7	85.4	81.8	102.2	97.3	92.7
1981	3517	86.2	92.3	86.6	82.9	102.0	97.0	93.3
1982	3984	86.8	92.6	87.7	84.1	101.8	96.3	93.2
1983	5866	86.7	93.1	87.8	84.2	101.9	96.1	93.3
1984	8364	86.7	93.5	88.5	84.7	102.2	96.0	93.5
1985	12293	86.7	93.8	88.7	84.9	102.3	95.8	93.7
1986	18190	86.7	94.2	89.1	85.4	102.2	95.3	93.6
1987	27355	87.1	94.2	89.7	85.6	101.8	95.4	94.5
1988	41697	87.2	94.5	90.4	86.2	101.5	95.4	94.9
1989	56971	87.7	94.4	90.7	86.7	101.1	95.8	95.0
1990	72923	88.0	94.0	91.0	87.2	100.6	96.3	95.1
1991	82242	88.7	94.9	91.5	88.2	100.4	96.3	94.9
1992	97812	89.2	95.3	92.1	88.9	100.2	96.6	95.1
1993	110386	89.3	94.9	91.9	88.9	99.8	96.6	95.3
1994	116221	89.6	94.8	92.5	89.8	99.3	97.1	95.7
1995	137541	89.8	94.5	92.4	90.2	99.0	96.8	95.0
1996	139265	90.1	95.0	92.9	90.8	98.9	97.0	94.8
1997	138960	90.6	95.1	93.3	91.4	98.7	97.3	95.0
1998	142954	90.8	95.4	93.6	91.6	98.7	97.2	95.0
1999	144597	91.2	95.3	93.8	92.2	98.6	97.7	95.2
2000	141475	91.8	95.5	94.3	92.6	98.2	98.2	95.9
2001	141192	92.1	95.3	94.3	92.9	98.3	98.0	95.8
2002	134337	92.4	95.4	94.7	93.4	98.0	98.4	95.8
2003	136230	92.9	95.6	95.2	94.0	97.9	98.6	96.2
2004	138138	93.2	95.8	95.3	94.1	97.9	99.0	96.2
2005	135726	93.9	96.0	95.6	94.5	97.8	99.3	96.6
2006	139728	94.4	96.7	96.2	94.8	98.3	99.4	97.2
2007	130468	94.8	97.1	96.6	95.1	98.5	99.6	97.6
2008	133306	95.1	97.3	96.8	95.3	98.6	99.6	98.1
2009	131796	95.3	97.4	97.0	95.4	99.0	99.5	98.1
2010	129230	95.6	97.8	97.2	95.7	99.2	99.3	98.2
2011	126231	96.0	98.3	97.5	95.9	99.8	99.2	98.3
2012	123959	96.7	98.5	97.8	96.4	100.0	99.2	98.5
2013	126130	97.0	98.5	98.0	96.9	99.9	99.3	98.5

2014	122270	97.7	98.9	98.5	97.5	99.9	99.7	98.7
2015	111048	98.0	99.1	98.7	97.9	100.2	99.7	98.8
2016	101296	98.2	99.3	98.8	98.2	100.4	99.5	99.1
2017	91741	99.0	99.6	99.1	98.6	100.4	99.4	99.5
2018	87195	99.5	99.8	99.5	99.3	100.3	99.6	99.7
2019	84927	99.8	99.9	99.8	99.8	100.0	100.0	99.9
2020	83951	100.1	100.5	100.2	100.2	100.6	100.0	100.0
2021	51127	100.5	101.1	100.5	100.5	101.0	100.0	100.4
2022	1100	100.9	101.5	101.0	101.0	101.0	100.1	100.9

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	2962	87.8	104.0	95.6	90.5	84.9
1981	3517	89.4	103.3	95.9	90.9	86.0
1982	3984	90.0	103.8	95.7	92.0	86.7
1983	5866	90.5	104.0	95.6	93.0	87.4
1984	8364	90.5	104.0	95.7	93.8	87.2
1985	12293	90.7	103.9	95.7	94.3	87.4
1986	18190	91.1	103.8	95.6	94.7	87.8
1987	27355	91.4	104.2	95.4	94.5	87.9
1988	41697	91.5	104.6	95.0	94.7	88.0
1989	56971	91.8	104.6	95.2	95.1	88.4
1990	72923	91.6	104.5	94.9	94.9	88.4
1991	82242	91.8	104.7	94.8	95.4	89.2
1992	97812	92.0	104.8	94.6	95.5	89.6
1993	110386	92.4	104.4	94.9	95.4	89.9
1994	116221	92.5	104.2	95.3	95.3	90.1
1995	137541	92.8	104.0	95.3	95.2	91.0
1996	139265	92.8	104.2	95.2	95.6	91.2
1997	138960	93.0	104.2	94.9	95.9	91.8
1998	142954	93.0	104.2	95.1	95.8	91.9
1999	144597	93.1	104.4	94.9	95.7	91.9
2000	141475	93.2	104.1	95.0	95.3	92.1
2001	141192	93.5	103.7	95.3	95.3	92.5
2002	134337	93.7	103.4	95.4	95.4	92.9
2003	136230	94.2	103.9	95.3	96.1	93.4
2004	138138	94.3	103.4	96.0	96.2	93.5
2005	135726	94.8	103.5	96.3	95.9	93.9
2006	139728	94.8	102.7	96.9	95.5	94.1
2007	130468	95.1	102.2	97.3	95.6	94.4
2008	133306	95.2	102.1	97.5	95.7	94.6
2009	131796	95.3	101.8	97.8	95.9	94.8
2010	129230	95.5	101.6	98.0	96.4	95.0
2011	126231	95.6	101.2	98.3	96.7	95.0
2012	123959	95.9	101.1	98.4	97.0	95.5
2013	126130	96.2	101.3	98.3	97.3	95.9
2014	122270	97.0	101.2	98.3	97.8	96.6
2015	111048	97.6	100.9	98.7	98.1	97.1
2016	101296	98.4	100.7	99.0	98.7	98.0
2017	91741	98.8	100.5	99.5	98.9	98.4
2018	87195	99.4	100.3	99.9	99.5	99.2
2019	84927	100.0	100.0	100.0	100.0	100.0
2020	83951	100.5	99.6	100.4	100.7	100.7
2021	51127	101.1	99.5	100.4	101.5	101.5
2022	1100	101.9	99.6	100.3	101.9	102.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1980	2962	89.8	87.8	100.3	91.7	85.6	90.2	89.3	92.3
1981	3517	89.4	88.1	100.5	91.7	85.7	90.6	89.8	92.6
1982	3984	89.9	88.4	100.2	91.8	86.0	91.0	90.4	92.4
1983	5866	89.8	88.3	100.4	91.6	85.9	91.0	90.0	92.0
1984	8364	89.4	87.9	100.5	91.0	86.0	90.8	89.8	91.8
1985	12293	89.4	87.5	100.5	91.1	86.3	90.6	89.4	91.7
1986	18190	89.3	87.5	100.5	90.9	86.6	90.9	89.6	91.7
1987	27355	89.2	88.1	100.3	90.4	86.8	91.5	90.1	91.2
1988	41697	89.1	88.4	100.3	89.9	86.9	91.7	90.4	90.9
1989	56971	89.4	89.1	100.3	90.3	87.1	92.2	90.9	91.2
1990	72923	89.5	89.6	99.9	90.3	87.1	92.7	91.5	91.3
1991	82242	89.7	89.7	100.8	90.5	88.2	93.1	91.8	92.4
1992	97812	89.8	90.1	101.1	90.5	88.7	93.7	92.4	93.2
1993	110386	89.4	90.0	101.0	90.4	88.9	94.0	92.7	93.6
1994	116221	89.5	90.7	101.0	90.4	89.1	94.0	93.5	94.0
1995	137541	89.6	90.8	101.8	90.4	89.8	94.3	93.7	94.6
1996	139265	90.0	91.1	101.6	90.4	89.9	94.6	94.1	94.9
1997	138960	90.5	91.0	101.5	90.7	90.4	94.8	94.3	95.0
1998	142954	90.6	91.3	101.4	90.7	90.4	94.8	94.5	95.2
1999	144597	90.9	91.6	101.4	90.9	90.8	95.0	94.7	95.4
2000	141475	90.9	92.4	101.1	91.0	91.1	95.3	95.3	95.7
2001	141192	91.0	92.7	101.4	91.2	91.6	95.1	95.4	96.2
2002	134337	91.4	93.4	101.4	91.4	91.7	95.2	95.4	96.7
2003	136230	92.0	93.6	101.1	91.8	92.1	95.8	96.1	96.9
2004	138138	92.4	93.9	101.4	92.1	92.8	96.3	96.7	97.3
2005	135726	92.6	94.4	101.3	92.3	93.0	96.6	97.3	97.4
2006	139728	93.1	95.2	101.3	92.8	93.3	96.9	97.5	97.8
2007	130468	93.4	95.6	101.2	93.1	93.6	97.0	97.7	97.8
2008	133306	93.8	95.9	100.9	93.4	94.0	97.4	98.1	97.9
2009	131796	94.0	95.8	100.7	93.9	94.1	97.5	97.9	98.3
2010	129230	94.4	96.3	100.3	94.2	94.3	97.7	98.1	97.9
2011	126231	94.8	97.0	99.8	94.7	94.5	97.8	98.3	97.4
2012	123959	95.4	97.4	99.8	95.5	95.1	98.0	98.6	97.6
2013	126130	95.8	97.5	99.9	95.8	95.5	98.0	98.8	97.7
2014	122270	96.2	97.9	100.1	96.4	96.3	98.5	99.2	98.3
2015	111048	96.7	98.4	100.2	96.9	96.9	98.9	99.5	98.8
2016	101296	97.3	98.9	100.2	97.3	97.5	99.0	99.6	98.9
2017	91741	98.1	99.1	100.2	98.2	98.1	99.2	99.6	99.0
2018	87195	99.1	99.6	100.2	99.2	99.1	99.6	99.9	99.6
2019	84927	99.9	99.9	100.0	99.8	99.8	99.9	99.9	100.1
2020	83951	100.7	100.3	100.0	100.6	100.4	100.2	100.1	100.4
2021	51127	101.5	100.5	100.0	101.3	100.8	100.2	100.2	100.7
2022	1100	102.0	100.3	100.0	102.0	101.1	100.4	100.1	101.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2962	84.1	84.0	85.4	84.4	0.0	76.8
1981	3517	85.0	85.0	85.4	85.7	0.0	77.9
1982	3984	85.6	86.0	85.9	86.4	0.0	78.9
1983	5866	85.5	86.3	85.7	86.8	0.0	79.1
1984	8364	85.8	87.1	85.4	86.7	0.0	79.0
1985	12293	85.8	87.5	85.5	86.9	0.0	79.3

1986	18190	85.8	88.0	85.6	87.3	0.0	79.6
1987	27355	86.7	88.2	85.8	87.4	0.0	80.1
1988	41697	87.2	88.9	85.8	87.4	0.0	80.3
1989	56971	87.8	89.0	86.2	87.8	0.0	80.9
1990	72923	88.4	88.9	86.4	87.7	0.0	81.1
1991	82242	89.0	89.8	87.1	88.3	0.0	82.1
1992	97812	89.8	90.5	87.5	88.6	0.0	82.9
1993	110386	89.9	90.1	87.4	89.0	0.0	83.0
1994	116221	90.7	90.6	87.5	89.3	0.0	83.5
1995	137541	90.4	90.4	87.9	90.1	0.0	84.0
1996	139265	90.9	91.0	88.1	90.3	0.0	84.4
1997	138960	91.7	91.5	88.7	90.7	0.0	85.3
1998	142954	91.9	91.8	88.7	90.8	0.0	85.5
1999	144597	92.5	92.1	89.0	90.8	0.0	85.8
2000	141475	93.6	92.5	89.2	91.0	0.0	86.5
2001	141192	93.7	92.7	89.5	91.4	0.0	86.9
2002	134337	94.2	92.9	89.8	91.9	0.0	87.5
2003	136230	94.9	93.5	90.4	92.3	0.0	88.3
2004	138138	95.3	93.6	91.0	92.6	0.0	88.9
2005	135726	96.0	94.0	91.2	93.0	0.0	89.5
2006	139728	96.8	94.8	91.7	93.3	0.0	90.3
2007	130468	97.3	95.4	92.1	93.7	0.0	91.0
2008	133306	97.6	95.8	92.5	94.0	0.0	91.5
2009	131796	97.8	96.1	92.9	94.2	0.0	91.9
2010	129230	98.0	96.5	93.2	94.4	0.0	92.3
2011	126231	98.3	97.1	93.6	94.5	0.0	92.7
2012	123959	98.7	97.6	94.3	94.9	0.0	93.6
2013	126130	98.9	97.8	94.7	95.3	0.0	94.0
2014	122270	99.5	98.4	95.4	96.0	0.0	95.1
2015	111048	99.6	98.8	96.1	96.6	0.0	95.8
2016	101296	99.7	99.2	96.7	97.5	0.0	96.7
2017	91741	99.9	99.6	97.6	97.9	0.0	97.5
2018	87195	100.3	100.0	98.8	98.7	0.0	98.8
2019	84927	100.6	100.1	99.7	99.5	0.0	99.7
2020	83951	100.8	100.7	100.6	100.1	0.0	100.7
2021	51127	101.2	101.2	101.2	100.9	0.0	101.6
2022	1100	101.6	101.6	101.8	101.8	0.0	102.6

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	4081	103.2	101.2	100.1	100.8	99.0	99.2	83.7	100.7	99.8
1981	4969	102.6	101.1	99.8	100.4	98.8	99.9	85.5	100.4	99.7
1982	5706	102.3	100.6	99.2	99.7	98.2	99.2	85.5	99.8	99.0
1983	8456	102.0	100.5	99.1	99.6	98.2	99.1	86.1	99.7	98.9
1984	12437	102.2	100.5	99.1	99.7	98.3	99.1	86.0	99.7	99.0
1985	18474	102.3	100.4	99.1	99.7	98.5	99.1	85.7	99.7	99.0
1986	28621	102.2	100.1	98.9	99.4	98.3	98.6	85.9	99.4	98.7
1987	47010	102.3	100.1	98.8	99.4	98.3	99.9	86.7	99.3	99.0
1988	75105	102.2	99.5	98.4	98.8	98.1	99.8	86.9	98.7	98.6
1989	107932	101.9	99.1	98.1	98.5	97.7	99.2	87.8	98.3	98.1
1990	140858	101.7	99.0	98.1	98.4	97.7	99.1	88.2	98.3	98.1
1991	163713	101.4	98.5	97.4	97.8	97.1	99.2	88.9	97.6	97.6
1992	188015	101.0	98.3	97.2	97.6	96.9	99.5	89.6	97.4	97.5
1993	223758	101.3	97.8	97.1	97.2	97.1	99.5	89.8	97.1	97.3
1994	249070	101.0	97.5	97.0	96.9	96.9	99.2	90.4	96.8	97.1
1995	283166	100.9	96.8	96.5	96.1	96.6	99.1	90.7	96.2	96.6
1996	289012	100.4	96.9	96.4	96.1	96.4	98.9	91.1	96.2	96.5
1997	288737	100.1	96.8	96.2	95.9	96.2	98.5	91.5	96.0	96.2

1998	300106	99.6	96.7	95.8	95.6	95.7	98.4	92.1	95.7	95.9
1999	293276	99.8	96.2	95.7	95.3	95.7	98.4	92.2	95.4	95.8
2000	283337	99.4	96.2	95.4	95.1	95.4	97.9	92.8	95.2	95.4
2001	286067	99.5	96.2	95.5	95.1	95.5	98.1	93.3	95.3	95.5
2002	274300	99.2	96.5	95.6	95.3	95.6	98.2	93.7	95.5	95.7
2003	278185	99.5	96.2	95.8	95.3	95.8	98.5	93.8	95.4	95.8
2004	276543	99.1	96.2	95.5	95.1	95.5	98.4	94.2	95.2	95.6
2005	266948	98.9	96.2	95.4	95.0	95.4	98.4	94.4	95.2	95.6
2006	274619	98.3	96.5	95.1	95.0	95.0	97.5	94.9	95.2	95.1
2007	274320	98.2	96.5	95.0	95.0	94.9	97.5	95.4	95.1	95.1
2008	293280	98.2	96.7	95.2	95.2	95.1	97.6	95.7	95.3	95.3
2009	288056	98.6	96.9	95.7	95.6	95.6	98.0	96.2	95.7	95.8
2010	275596	98.9	97.0	96.0	95.9	96.0	98.2	96.3	96.0	96.1
2011	273503	99.1	97.5	96.4	96.4	96.3	98.1	96.4	96.5	96.4
2012	279078	99.1	98.0	96.9	97.0	96.7	98.4	96.7	97.0	96.9
2013	291538	99.3	98.3	97.3	97.4	97.2	98.6	97.1	97.5	97.4
2014	295095	99.2	98.8	97.8	97.9	97.6	98.9	97.8	98.0	97.8
2015	288209	99.2	98.9	98.0	98.1	97.8	99.1	98.1	98.2	98.1
2016	262000	99.7	99.0	98.6	98.5	98.5	99.3	98.5	98.6	98.6
2017	228072	99.9	99.2	99.0	98.9	99.0	99.4	99.1	99.0	99.0
2018	218224	100.1	99.6	99.6	99.4	99.6	99.7	99.5	99.5	99.6
2019	225703	100.0	100.0	99.9	99.9	99.9	99.9	99.6	99.9	99.9
2020	229776	100.0	100.1	100.1	100.1	100.1	99.9	99.9	100.1	100.1
2021	204417	99.8	100.4	100.3	100.4	100.3	99.8	100.4	100.4	100.3
2022	84625	99.9	100.6	100.7	100.7	100.6	100.0	100.7	100.7	100.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1665	97.7	94.1	95.1	99.0	103.8
1981	1991	97.8	94.1	94.4	98.1	102.9
1982	2245	97.9	94.1	94.2	97.8	102.6
1983	3064	97.9	94.0	94.1	97.9	102.6
1984	4471	98.1	94.4	94.0	97.7	102.4
1985	6260	98.4	94.1	93.9	97.6	102.3
1986	9582	98.5	94.2	93.7	97.4	102.1
1987	15184	98.6	94.4	93.4	97.1	101.6
1988	23952	98.5	94.4	93.2	96.6	101.1
1989	36120	98.9	94.4	92.9	96.1	100.5
1990	50143	98.9	94.3	92.8	95.9	100.2
1991	66908	98.7	93.4	92.4	95.0	99.4
1992	96268	98.5	93.9	92.4	94.8	99.2
1993	108331	98.5	94.2	92.6	95.0	99.0
1994	114001	98.7	94.9	92.4	94.7	98.9
1995	134477	98.8	94.4	92.2	94.1	98.4
1996	134981	99.0	94.2	92.4	94.4	98.1
1997	133880	98.8	94.1	92.7	94.7	98.1
1998	137332	98.8	93.9	92.5	94.2	97.6
1999	137866	98.8	94.4	92.7	94.2	97.5
2000	135563	99.0	95.0	92.8	94.2	97.3
2001	135360	99.1	95.5	92.8	93.9	97.0
2002	129146	99.3	95.6	92.8	93.9	96.6
2003	130336	99.4	95.9	93.0	94.1	96.8
2004	131989	99.1	95.5	93.3	94.3	97.0
2005	128107	99.2	96.1	93.3	94.0	96.8
2006	131871	99.5	96.6	93.8	94.5	97.2
2007	123086	99.6	97.1	93.8	94.4	97.1
2008	125442	99.7	97.4	94.1	94.6	97.1
2009	123816	99.7	97.3	94.3	94.8	97.2

2010	120789	99.9	97.6	94.6	95.0	97.3
2011	119847	100.1	97.9	95.2	95.6	97.6
2012	119471	100.1	97.9	95.7	96.0	97.9
2013	121505	100.1	98.1	96.1	96.4	98.1
2014	118610	99.9	98.3	96.7	97.1	98.5
2015	107928	99.7	98.6	97.4	97.8	98.9
2016	98237	99.6	99.0	98.0	98.3	99.2
2017	89381	99.4	99.1	98.7	99.1	99.7
2018	84841	99.9	99.4	99.3	99.5	99.8
2019	84123	100.0	100.0	99.8	99.9	100.0
2020	83348	99.6	100.2	100.4	100.4	100.3
2021	45659	99.4	100.4	101.0	101.0	100.6
2022	860	99.4	100.7	101.4	101.4	100.8

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	2644	-339.0	-693.2	-351.2	101.9	99.8	85.4	84.4	95.6	0.0
1981	3215	-339.7	-679.1	-368.9	100.9	99.7	85.4	85.7	95.9	0.0
1982	3599	-339.4	-653.9	-402.0	100.5	99.0	85.9	86.4	95.6	0.0
1983	5237	-338.4	-638.5	-455.6	100.6	98.9	85.7	86.8	96.1	0.0
1984	8081	-346.3	-630.8	-558.6	100.4	99.0	85.4	86.7	96.0	0.0
1985	12708	-290.2	-624.3	-624.8	100.3	99.0	85.5	86.9	96.0	165.7
1986	20468	-297.6	-610.6	-676.3	100.1	98.7	85.6	87.3	95.7	151.4
1987	34787	-301.8	-592.5	-719.5	99.6	99.0	85.8	87.4	95.5	132.1
1988	62465	-306.3	-573.3	-745.4	99.1	98.6	85.8	87.4	95.6	114.8
1989	92243	-304.6	-552.2	-739.6	98.5	98.1	86.2	87.8	95.5	108.7
1990	118801	-299.6	-535.8	-721.9	98.2	98.1	86.4	87.7	95.5	108.0
1991	132172	-293.3	-498.9	-689.8	97.3	97.6	87.1	88.3	95.6	100.9
1992	153638	-287.6	-475.1	-659.7	97.0	97.5	87.5	88.6	95.7	95.2
1993	182973	-282.0	-457.3	-650.3	97.0	97.3	87.4	89.0	96.1	95.5
1994	197653	-276.7	-436.4	-628.9	96.8	97.1	87.5	89.3	96.2	93.7
1995	235287	-265.3	-402.4	-566.8	96.1	96.6	87.9	90.1	96.1	94.5
1996	238195	-257.4	-381.5	-533.0	96.1	96.5	88.1	90.3	96.0	89.7
1997	238066	-250.2	-361.8	-520.7	96.2	96.2	88.7	90.7	95.9	86.9
1998	246604	-251.6	-346.1	-525.4	95.7	95.9	88.7	90.8	95.8	83.9
1999	251121	-249.4	-332.6	-523.9	95.6	95.8	89.0	90.8	95.4	82.2
2000	242217	-242.1	-310.7	-498.6	95.5	95.4	89.2	91.0	95.6	77.6
2001	246165	-237.9	-302.5	-481.3	95.2	95.5	89.5	91.4	95.5	75.7
2002	230952	-231.1	-290.8	-458.4	94.9	95.7	89.8	91.9	95.7	72.9
2003	231074	-225.5	-282.6	-455.3	95.1	95.8	90.4	92.3	95.8	68.9
2004	233660	-216.2	-264.0	-429.7	95.4	95.6	91.0	92.6	95.9	66.0
2005	232249	-213.5	-255.3	-423.9	95.1	95.6	91.2	93.0	96.0	62.5
2006	248508	-206.7	-237.9	-407.8	95.5	95.1	91.7	93.3	96.2	53.3
2007	238670	-200.7	-223.9	-385.8	95.5	95.1	92.1	93.7	95.9	48.1
2008	249154	-195.0	-216.4	-373.3	95.5	95.3	92.5	94.0	96.0	44.2
2009	243121	-183.7	-204.8	-345.2	95.7	95.8	92.9	94.2	96.2	40.5
2010	238726	-174.8	-190.6	-331.1	95.9	96.1	93.2	94.4	96.2	36.6
2011	239803	-161.2	-175.4	-297.1	96.4	96.4	93.6	94.5	96.5	30.3
2012	243791	-148.4	-167.1	-271.2	96.7	96.9	94.3	94.9	96.7	25.6
2013	257444	-134.7	-154.1	-241.5	97.0	97.4	94.7	95.3	97.1	23.8
2014	255781	-115.0	-135.5	-206.4	97.7	97.8	95.4	96.0	97.6	18.9
2015	235088	-96.7	-111.7	-171.0	98.3	98.1	96.1	96.6	97.8	14.4
2016	213602	-73.1	-83.1	-123.5	98.7	98.6	96.7	97.5	98.4	10.5
2017	195876	-50.8	-57.5	-75.7	99.4	99.0	97.6	97.9	98.9	6.6
2018	191375	-26.8	-29.9	-32.0	99.6	99.6	98.8	98.7	99.4	4.0
2019	194821	-4.4	-0.7	4.6	100.0	99.9	99.7	99.5	99.8	3.3
2020	199258	13.7	22.9	46.2	100.4	100.1	100.6	100.1	100.1	-1.3
2021	173920	33.2	48.5	80.9	100.9	100.3	101.2	100.9	100.3	-5.1



2022 12025 51.3 73.7 85.9 101.1 100.6 101.8 101.8 100.6 -2.1

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	143	92.3	94.6	97.5	95.9	91.3	94.7	94.2
1981	283	92.6	94.9	97.6	95.7	92.2	94.9	94.3
1982	423	92.5	94.6	97.7	95.8	92.1	95.1	93.8
1983	506	93.4	94.9	98.2	97.5	92.6	95.7	93.7
1984	819	93.5	94.4	98.6	98.0	91.9	95.8	93.5
1985	1217	94.3	95.2	98.8	98.5	92.9	96.5	93.8
1986	2381	94.0	95.1	98.6	98.0	92.7	96.4	93.9
1987	4848	93.6	94.4	98.7	97.8	92.3	96.2	93.5
1988	8904	93.6	94.2	99.1	98.3	91.7	96.2	93.0
1989	14375	94.1	94.1	99.6	99.1	91.6	96.7	92.8
1990	22063	94.4	94.0	100.1	99.6	91.6	96.5	92.7
1991	25575	95.1	94.4	100.3	99.9	92.1	96.7	93.5
1992	31725	95.1	94.4	100.4	99.8	91.9	96.7	93.7
1993	40670	94.3	94.1	99.8	98.8	91.4	96.3	93.5
1994	45228	94.2	94.1	100.0	98.3	91.8	96.3	93.2
1995	89656	94.4	94.9	99.7	97.8	92.7	95.7	93.6
1996	69671	94.6	95.2	99.7	97.9	93.0	95.7	93.7
1997	102326	94.5	95.3	99.7	97.8	92.8	95.5	93.7
1998	129685	94.3	95.0	99.7	97.9	92.7	95.4	93.3
1999	134969	94.1	95.0	99.6	97.7	92.4	95.4	93.3
2000	133120	94.3	95.5	99.5	97.4	92.7	95.4	93.5
2001	134568	94.4	95.8	99.4	97.4	92.9	95.6	93.8
2002	130695	94.6	96.1	99.4	97.4	93.1	95.7	93.9
2003	135032	94.4	96.0	99.1	97.6	93.2	95.5	94.0
2004	138539	94.4	95.8	99.1	97.6	93.4	95.5	94.0
2005	135997	94.5	95.6	99.2	97.8	93.5	95.9	94.0
2006	140691	94.8	96.3	99.0	97.8	94.0	96.2	94.3
2007	132936	95.0	96.8	98.7	97.8	94.6	96.2	94.8
2008	136502	95.0	97.0	98.5	97.7	94.8	96.2	95.0
2009	136227	95.3	97.2	98.6	97.7	95.3	96.3	95.5
2010	133144	95.4	97.3	98.4	97.7	95.7	96.2	95.8
2011	130667	96.0	97.8	98.5	98.1	96.4	96.3	96.4
2012	129102	96.5	98.2	98.6	98.5	96.9	96.5	96.8
2013	132628	96.7	98.2	98.8	98.6	97.0	96.8	97.0
2014	129596	97.3	98.5	99.0	99.0	97.4	97.5	97.5
2015	118033	97.7	98.9	99.0	99.1	98.0	97.7	98.0
2016	108069	98.1	99.0	99.1	99.4	98.6	98.2	98.4
2017	98342	98.5	99.3	99.1	99.5	99.0	98.7	98.7
2018	93454	99.3	99.7	99.6	99.7	99.6	99.5	99.5
2019	90298	100.0	100.0	100.0	100.1	100.0	100.0	100.0
2020	89212	100.6	100.2	100.3	100.4	100.4	100.5	100.4
2021	55655	101.1	100.4	100.6	100.7	100.8	100.9	100.8
2022	1215	101.7	100.5	101.1	101.1	101.0	101.4	101.1

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1446	96.9	97.5	96.9	97.5	94.5	98.1
1981	1880	96.6	97.9	96.6	97.9	94.3	98.4

1982	2315	96.0	98.2	96.0	98.2	93.5	98.6
1983	3565	96.3	98.4	96.3	98.4	93.7	98.8
1984	5552	96.2	98.5	96.2	98.5	93.6	98.7
1985	8581	96.0	98.5	96.0	98.5	93.5	98.8
1986	13882	95.8	98.3	95.8	98.3	93.4	98.7
1987	23594	95.4	98.4	95.4	98.4	93.3	98.8
1988	40135	95.4	98.4	95.4	98.4	93.4	98.8
1989	62914	95.5	98.3	95.5	98.3	93.7	98.7
1990	94682	95.7	98.3	95.7	98.3	94.1	98.6
1991	124830	96.0	98.3	96.0	98.3	94.3	98.6
1992	150456	96.0	98.3	96.0	98.3	94.4	98.6
1993	218445	96.6	98.3	96.6	98.3	94.8	98.9
1994	281479	96.9	98.2	96.9	98.2	95.0	98.7
1995	316420	97.3	97.8	97.3	97.8	95.3	98.3
1996	326601	97.3	97.7	97.3	97.7	95.3	98.2
1997	335393	97.0	97.5	97.0	97.5	94.8	98.0
1998	350672	97.3	97.3	97.3	97.3	95.3	97.6
1999	354817	96.9	97.1	96.9	97.1	94.8	97.5
2000	347928	96.9	97.3	96.9	97.3	95.0	97.8
2001	341883	97.1	97.1	97.1	97.1	95.1	97.9
2002	335460	97.6	96.9	97.6	96.9	96.0	97.9
2003	335601	97.5	97.1	97.5	97.1	96.1	97.7
2004	332345	97.7	97.0	97.7	97.0	96.3	97.7
2005	312171	97.7	97.1	97.7	97.1	96.2	97.9
2006	311689	98.0	97.1	98.0	97.1	96.5	97.7
2007	309557	97.7	96.9	97.7	96.9	96.5	97.6
2008	337166	97.6	97.2	97.6	97.2	96.7	97.6
2009	338978	97.6	97.4	97.6	97.4	97.0	97.8
2010	323039	97.7	97.4	97.7	97.4	97.5	97.6
2011	312433	97.9	97.5	97.9	97.5	98.1	97.4
2012	317364	98.1	97.5	98.1	97.5	98.5	97.6
2013	329991	98.3	97.8	98.3	97.8	98.8	97.9
2014	339840	98.9	98.1	98.9	98.1	99.4	98.2
2015	348963	99.0	98.2	99.0	98.2	99.4	98.3
2016	342044	99.3	98.6	99.3	98.6	99.6	98.8
2017	299603	99.6	99.0	99.6	99.0	99.9	99.2
2018	286824	99.8	99.5	99.8	99.5	100.2	99.6
2019	270686	100.0	99.9	100.0	99.9	100.3	99.9
2020	275681	100.1	100.1	100.1	100.1	100.4	100.1
2021	271623	100.4	100.1	100.4	100.1	100.6	100.2
2022	262002	100.7	100.2	100.7	100.2	100.6	100.3
2023	253568	100.9	100.4	100.9	100.4	100.6	100.5
2024	28578	101.0	100.6	101.0	100.6	100.6	100.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1606	95.0	106.1	103.2	94.3	97.3	99.4
1981	2030	95.0	106.0	103.2	94.3	97.1	99.3
1982	2289	94.1	106.6	104.2	95.1	97.0	98.9
1983	3703	94.5	106.5	103.8	95.1	97.4	99.1
1984	5499	94.7	106.3	103.6	94.4	97.6	99.7
1985	7866	95.1	106.2	103.1	94.1	97.7	99.5
1986	12554	95.0	106.3	103.0	93.7	97.3	99.1
1987	19731	95.6	105.8	102.4	93.6	97.4	99.4
1988	31673	95.8	105.6	102.3	93.5	97.2	99.4
1989	44341	95.9	105.1	102.2	93.3	96.9	99.2
1990	58981	96.0	104.7	102.1	93.1	96.8	99.2
1991	72308	96.2	104.0	101.9	93.1	96.6	99.2

1992	83877	96.1	103.8	102.1	93.3	96.8	99.5
1993	94570	96.3	103.9	102.0	93.4	96.9	99.5
1994	106080	96.1	104.3	102.5	93.7	96.8	99.5
1995	128583	95.9	104.1	102.7	93.5	96.4	99.3
1996	128773	95.9	103.9	102.7	93.4	96.5	99.3
1997	129179	96.2	103.7	102.5	93.6	96.1	98.9
1998	136979	96.1	103.7	102.5	93.4	96.2	99.1
1999	140411	95.7	103.6	102.9	93.4	96.4	99.4
2000	140479	95.7	103.8	103.1	93.8	96.4	99.5
2001	142785	95.6	103.8	103.2	93.9	96.4	99.2
2002	138234	96.1	103.6	102.7	93.8	96.3	99.1
2003	145687	96.3	103.5	102.5	93.9	96.3	99.2
2004	154377	96.1	103.5	102.8	94.2	96.2	99.5
2005	159994	96.1	103.3	102.9	94.8	96.5	99.4
2006	171941	96.4	103.0	102.6	95.1	96.4	99.6
2007	191122	96.5	102.8	102.6	95.5	96.7	99.5
2008	211001	96.4	102.7	102.7	95.8	96.9	99.6
2009	227788	96.5	102.6	102.7	96.1	96.9	99.6
2010	221416	96.7	102.4	102.6	96.1	97.0	99.6
2011	217332	97.2	102.1	102.1	96.6	97.2	99.4
2012	216642	97.6	102.0	101.8	97.1	97.5	99.4
2013	232486	97.8	101.8	101.6	97.4	97.8	99.5
2014	243072	98.1	101.6	101.5	97.8	98.0	99.6
2015	239120	98.1	101.7	101.5	98.1	98.3	99.6
2016	224948	98.3	101.5	101.4	98.6	98.4	99.5
2017	193932	98.5	101.2	101.3	99.2	98.8	99.6
2018	179689	99.0	101.0	100.9	99.5	99.4	99.7
2019	162313	99.2	100.4	100.7	99.9	99.8	99.8
2020	155892	99.4	100.2	100.5	100.2	100.1	99.7
2021	131863	99.6	100.0	100.4	100.5	100.2	99.6
2022	99452	99.7	99.9	100.4	100.4	100.1	99.8
2023	84833	99.8	99.7	100.3	100.5	100.3	99.9
2024	12563	100.0	99.6	100.2	100.7	100.4	99.9

Tabel: 12 Holstein Friesian - zwartbont: Vleeskenmerken  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	1759	103.6	110.2	94.9	101.6	106.7	97.3	102.9	98.8	108.0	98.7	101.7
1981	2219	103.9	109.3	95.3	101.6	106.9	97.2	103.6	98.3	107.5	98.8	102.0
1982	2566	103.7	108.5	96.0	101.1	106.1	96.7	103.4	98.7	106.6	98.5	101.6
1983	3737	103.9	109.0	95.7	101.3	106.7	96.8	103.5	98.7	107.2	98.4	102.0
1984	5651	103.8	109.0	95.8	101.4	106.5	97.1	103.5	98.4	107.1	98.5	102.3
1985	8318	103.5	109.1	95.8	101.3	106.2	97.3	103.3	98.2	107.0	98.5	102.5
1986	13075	103.5	108.7	96.1	101.2	106.1	97.4	103.3	98.4	106.7	98.5	102.5
1987	21212	103.5	108.4	96.9	100.8	106.3	97.5	103.2	98.4	106.5	98.7	102.1
1988	35157	103.2	107.6	97.2	100.5	105.9	97.5	102.9	98.6	106.2	98.4	101.9
1989	53644	103.0	106.8	97.6	100.2	105.6	97.5	102.8	98.5	105.7	98.4	101.6
1990	79177	102.9	106.2	97.7	99.8	105.6	97.2	102.7	98.5	105.3	98.3	101.0
1991	100539	102.7	105.7	98.6	100.2	104.6	97.9	102.6	98.8	104.7	98.8	101.5
1992	132344	102.5	105.1	98.9	100.2	104.0	98.2	102.4	98.8	104.3	99.1	101.5
1993	162054	102.3	104.7	99.3	100.0	103.8	98.5	102.2	99.1	104.2	99.1	101.4
1994	180439	102.2	103.9	99.5	99.4	103.6	98.4	101.9	99.5	103.8	99.0	101.1
1995	219209	101.7	103.6	99.5	99.4	102.9	98.8	101.3	99.7	103.6	99.0	100.9
1996	239454	101.4	103.1	99.6	99.2	102.7	98.6	101.2	99.4	103.2	98.9	100.6
1997	259180	101.3	102.7	99.9	99.1	102.6	98.6	101.1	99.6	103.0	99.2	100.4
1998	257734	101.5	102.4	100.2	99.2	102.5	98.6	101.1	100.0	102.9	99.1	100.5
1999	275351	101.2	102.2	100.4	99.3	102.0	98.9	100.9	100.1	102.6	99.4	100.5
2000	255746	101.1	101.8	100.3	99.3	101.7	99.3	100.6	100.2	102.3	99.4	100.6
2001	256784	100.8	101.8	100.2	99.3	101.4	99.6	100.3	100.3	102.1	99.5	100.6

2002	259791	100.6	101.4	100.5	99.2	101.3	99.7	100.1	100.3	101.9	99.5	100.4
2003	254726	100.5	100.9	100.5	99.1	100.9	99.7	100.1	100.3	101.5	99.7	100.3
2004	256735	100.7	100.8	100.4	99.2	101.0	99.6	100.3	100.3	101.4	99.5	100.3
2005	244369	100.5	100.5	100.6	99.2	100.7	100.1	100.2	100.4	101.1	99.9	100.2
2006	250999	100.3	100.5	100.5	99.7	100.5	100.2	100.0	100.3	100.9	100.0	100.2
2007	230418	100.1	100.3	100.4	99.7	100.2	100.3	99.9	100.3	100.6	100.0	100.1
2008	230683	100.0	100.1	100.4	99.8	100.1	100.3	99.8	100.2	100.5	100.1	100.2
2009	222482	99.9	100.3	100.2	99.9	99.8	100.4	99.8	100.1	100.4	100.2	100.1
2010	197843	100.1	100.3	99.8	99.9	100.0	100.0	100.1	100.1	100.4	99.8	100.2
2011	169963	100.3	100.3	99.6	100.0	100.2	99.6	100.4	99.7	100.4	99.5	100.2
2012	143878	100.3	100.1	99.7	100.0	100.2	99.4	100.7	99.5	100.1	99.6	100.0
2013	138078	100.1	99.6	100.0	99.7	99.9	99.5	100.6	99.2	99.8	99.8	99.8
2014	128161	100.0	99.2	100.3	99.6	99.8	99.5	100.9	98.7	99.4	100.0	99.8
2015	112855	100.1	99.0	100.3	99.6	99.8	99.4	101.1	98.6	99.2	100.1	99.8
2016	101645	100.2	98.8	100.2	99.5	99.7	99.2	101.2	98.6	99.1	100.1	99.9
2017	90472	100.3	98.6	100.3	99.7	99.6	99.3	101.5	98.6	98.8	100.3	100.0
2018	84939	100.3	98.0	100.6	99.6	99.4	99.3	101.7	98.5	98.4	100.4	100.1
2019	82018	100.2	97.4	101.0	99.2	99.1	99.3	101.7	98.5	97.9	100.5	100.0
2020	80700	100.5	97.4	101.3	99.5	99.2	99.5	101.9	98.5	97.9	100.7	100.3
2021	49532	100.6	97.5	101.6	99.7	99.2	99.6	102.2	98.4	98.0	100.9	100.6
2022	982	100.7	97.2	101.7	99.6	99.1	99.5	102.3	98.4	97.7	100.8	100.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1461	97.4	99.9	97.3
1981	1890	98.2	100.2	98.1
1982	2309	97.6	99.9	97.4
1983	3518	98.0	100.2	97.7
1984	5532	97.8	100.0	97.4
1985	8552	97.7	100.0	97.2
1986	13733	97.5	99.8	97.2
1987	23225	97.7	99.9	97.5
1988	39386	97.9	100.0	97.6
1989	61298	97.7	99.9	97.5
1990	91727	97.9	100.0	97.8
1991	117278	98.1	100.2	97.6
1992	139355	98.2	100.4	97.8
1993	214957	98.5	100.7	98.0
1994	289442	98.6	100.6	98.2
1995	323991	99.0	100.8	98.5
1996	333132	99.1	100.8	98.5
1997	343763	99.3	100.8	98.8
1998	356292	99.4	100.8	99.1
1999	354947	99.4	100.6	99.0
2000	344971	99.5	100.6	99.2
2001	335654	99.5	100.6	99.3
2002	330487	99.5	100.5	99.4
2003	329398	99.5	100.4	99.5
2004	323337	99.9	100.7	99.7
2005	300217	99.8	100.5	99.8
2006	296279	99.4	100.1	99.7
2007	294532	99.2	99.9	99.6
2008	320362	99.2	99.9	99.5
2009	319874	99.2	99.9	99.5
2010	300019	99.2	100.0	99.5
2011	284705	99.3	100.2	99.5
2012	285811	99.3	100.2	99.6
2013	295182	99.4	100.4	99.6

2014	303857	99.4	100.3	99.5
2015	308998	99.4	100.2	99.5
2016	297922	99.7	100.4	99.6
2017	246011	99.9	100.4	99.7
2018	224692	99.9	100.3	99.8
2019	203004	99.9	100.1	99.7
2020	207205	100.0	100.2	99.8
2021	221077	100.0	100.0	100.0
2022	236418	100.1	100.0	100.1
2023	234914	100.3	100.2	100.2
2024	26852	100.4	100.2	100.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	246369	-4123.7	-16433.1	-704.2	-590.5
2002	231279	-3976.8	-15710.2	-682.7	-568.2
2003	231461	-3937.4	-15581.7	-673.7	-563.8
2004	234153	-3765.3	-14893.9	-645.9	-538.3
2005	232976	-3715.0	-14675.9	-638.8	-530.3
2006	249211	-3588.3	-14111.8	-621.2	-510.2
2007	239495	-3435.3	-13443.9	-597.7	-487.1
2008	250184	-3345.7	-13061.7	-583.6	-473.8
2009	244400	-3160.0	-12304.9	-552.5	-446.9
2010	240518	-3043.5	-11869.3	-532.0	-430.4
2011	241807	-2811.2	-10943.1	-491.8	-397.3
2012	246005	-2636.3	-10249.4	-463.0	-371.7
2013	259928	-2424.6	-9422.7	-426.5	-341.5
2014	258462	-2160.2	-8325.9	-381.5	-303.8
2015	238105	-1875.0	-7201.1	-331.7	-263.5
2016	216788	-1492.8	-5724.5	-265.7	-209.0
2017	198632	-1110.6	-4204.4	-200.5	-154.2
2018	194173	-737.3	-2756.8	-136.9	-100.5
2019	197642	-393.1	-1630.6	-73.3	-52.9
2020	202075	-37.7	-327.6	-9.4	-3.3
2021	168567	273.3	725.0	48.0	39.6
2022	9328	347.9	971.1	61.4	50.1

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

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	395	97.2	87.5	102.9	92.2
1981	617	97.4	87.3	102.8	92.0
1982	696	97.6	87.4	102.5	92.1
1983	818	97.0	87.2	102.9	91.8
1984	1234	96.8	86.7	103.1	91.6
1985	1457	97.2	86.9	103.1	92.2
1986	2290	97.2	86.7	103.3	92.2
1987	3532	97.5	86.1	103.0	91.9
1988	5344	97.3	86.0	103.2	91.6
1989	7554	97.4	85.7	103.2	91.5
1990	10190	97.0	85.7	103.2	91.1
1991	11898	97.2	86.1	102.0	90.2
1992	14490	96.8	86.2	101.8	89.8

1993	17046	96.8	86.2	101.8	89.7
1994	18471	96.7	85.9	102.2	89.7
1995	23353	97.1	86.6	101.5	89.8
1996	25409	97.1	87.1	101.6	90.2
1997	27129	97.1	87.2	101.5	90.2
1998	29013	97.2	87.4	101.3	90.1
1999	30361	97.4	87.4	101.3	90.3
2000	31948	97.5	88.0	101.2	90.6
2001	34934	97.8	88.0	100.9	90.6
2002	36053	97.9	88.5	100.3	90.3
2003	39492	98.0	88.4	100.5	90.6
2004	44335	97.9	88.9	100.6	90.9
2005	44853	97.9	89.1	100.9	91.3
2006	50331	98.1	89.9	100.6	91.8
2007	51785	98.2	90.4	100.4	92.0
2008	57626	98.3	90.6	100.4	92.2
2009	72018	98.3	91.1	100.3	92.5
2010	84742	98.6	91.5	100.0	92.8
2011	87872	98.9	92.2	99.7	93.4
2012	90939	99.0	92.9	99.8	94.0
2013	99067	99.2	93.7	100.0	95.0
2014	101846	99.2	95.0	100.1	95.9
2015	95813	99.1	96.2	100.0	96.5
2016	90089	99.2	97.4	100.0	97.5
2017	82475	99.2	98.4	100.1	98.3
2018	80635	99.7	99.4	100.0	99.3
2019	81853	100.0	100.3	100.1	100.3
2020	87201	99.7	100.9	100.2	100.5
2021	79998	99.4	101.2	100.2	100.5
2022	8308	99.6	101.3	100.0	100.7

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	2644	94.2	99.8	0	0.0	0.0	0	0.0
1981	3215	93.7	100.0	0	0.0	0.0	0	0.0
1982	3599	94.0	100.0	0	0.0	0.0	0	0.0
1983	5237	93.9	100.0	0	0.0	0.0	0	0.0
1984	8081	93.7	99.7	0	0.0	0.0	0	0.0
1985	12708	93.5	99.8	12331	-6.7	165.7	0	0.0
1986	20468	93.5	100.0	18282	-6.3	151.4	0	0.0
1987	34787	93.9	99.7	27479	-5.9	132.1	0	0.0
1988	62465	94.1	99.5	41861	-5.4	114.8	0	0.0
1989	92243	94.3	99.4	57182	-5.2	108.7	0	0.0
1990	118801	94.5	99.1	73186	-5.1	108.0	0	0.0
1991	132172	94.7	99.5	82508	-4.7	100.9	0	0.0
1992	153638	94.6	99.4	98091	-4.5	95.2	0	0.0
1993	182973	94.7	99.1	110692	-4.4	95.5	0	0.0
1994	197653	95.0	98.8	116532	-4.2	93.7	0	0.0
1995	235287	95.1	98.9	137934	-4.0	94.5	0	0.0
1996	238195	95.6	99.0	139614	-3.8	89.7	0	0.0
1997	238066	95.6	98.7	139308	-3.6	86.9	0	0.0
1998	246604	95.7	98.5	143333	-3.5	83.9	0	0.0
1999	251121	95.5	98.3	144976	-3.4	82.2	0	0.0
2000	242217	95.8	98.1	141858	-3.1	77.6	0	0.0
2001	246165	95.7	97.9	141713	-3.1	75.7	141166	91.8
2002	230952	95.9	97.8	134746	-3.0	72.9	134299	91.9
2003	231074	95.9	97.6	136693	-2.9	68.9	136200	92.4
2004	233660	96.1	97.8	138610	-2.7	66.0	138098	92.6

2005	232249	96.2	97.7	136347	-2.6	62.5	135700	93.0
2006	248508	96.4	97.9	140615	-2.3	53.3	139703	94.1
2007	238670	96.7	98.0	131634	-2.2	48.1	130444	94.7
2008	249154	96.8	98.0	134835	-2.1	44.2	133270	95.2
2009	243121	97.0	98.4	133755	-1.9	40.5	131769	95.5
2010	238726	97.1	98.3	131922	-1.8	36.6	129190	96.0
2011	239803	97.3	98.7	129945	-1.6	30.3	126193	96.8
2012	243791	97.5	98.9	128514	-1.4	25.6	123927	97.3
2013	257444	97.7	99.1	131619	-1.3	23.8	126094	97.5
2014	255781	98.0	99.2	129396	-1.1	18.9	122240	98.0
2015	235088	98.2	99.3	122740	-0.8	14.4	111006	98.4
2016	213602	98.5	99.4	116513	-0.6	10.5	101273	98.8
2017	195876	99.0	99.5	112598	-0.4	6.6	91721	99.3
2018	191375	99.5	99.7	110848	-0.2	4.0	87177	99.7
2019	194821	99.8	100.1	109217	0.1	3.3	84904	99.9
2020	199257	100.5	100.5	107874	0.3	-1.3	83943	100.5
2021	173920	100.9	100.7	84422	0.6	-5.1	51126	101.2
2022	12025	101.2	101.0	50910	0.8	-2.1	1100	101.8
2023	0	0.0	0.0	45257	1.1	-0.7	0	0.0
2024	0	0.0	0.0	2450	1.2	-0.5	0	0.0

Tabel: 17 Holstein Friesian - zwartbont: Stofwisselingsaandoeningen  
Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	759	99.5	101	98.2	97	98.1	759	96.8
1981	1001	99.2	230	97.6	219	97.4	1001	96.3
1982	1149	99.0	312	97.5	278	97.3	1149	96.1
1983	1485	99.3	238	97.3	200	96.8	1485	95.5
1984	2138	99.5	253	97.7	217	97.2	2137	95.6
1985	2824	99.5	352	98.4	293	97.2	2824	95.6
1986	4416	99.5	723	99.2	653	97.2	4416	95.4
1987	6726	99.6	578	98.7	497	97.1	6725	95.3
1988	10236	99.6	909	98.3	603	98.6	10235	94.9
1989	14268	99.3	1493	97.7	1021	97.4	14266	94.5
1990	19661	99.1	2125	97.5	1629	96.7	19658	94.3
1991	22684	99.4	3998	99.1	3636	97.5	22682	94.4
1992	27675	99.5	4464	99.5	4048	97.3	27674	94.2
1993	32449	99.4	4645	99.2	3751	97.3	32449	94.2
1994	36022	99.1	5984	98.3	4793	97.9	36022	94.2
1995	45836	98.4	9080	97.6	8082	97.8	45835	93.7
1996	49567	98.3	10303	97.8	9531	97.7	49566	93.7
1997	53868	97.8	11760	97.5	11197	97.0	53868	93.8
1998	58353	98.0	12452	97.9	11899	97.1	58353	93.8
1999	62541	98.0	12794	97.9	11887	97.0	62541	93.6
2000	67548	97.7	14130	97.6	13281	97.0	67547	93.5
2001	74952	97.7	15427	97.6	14813	97.1	74951	93.5
2002	79198	97.8	16290	98.0	15678	96.8	79198	93.4
2003	89377	97.5	17871	97.8	17253	96.6	89377	93.1
2004	101982	97.9	19997	98.2	19419	96.9	101980	93.3
2005	109676	97.8	20385	98.3	19921	97.0	109676	93.3
2006	130284	98.0	23119	98.5	22778	97.1	130280	93.8
2007	143166	98.0	23733	98.5	23494	97.2	143165	94.1
2008	170612	98.2	25685	98.9	25494	97.1	170612	94.5
2009	192536	98.3	26727	98.8	26588	97.3	192536	95.2
2010	213444	98.6	27168	99.0	27139	97.5	213441	95.6
2011	218769	99.1	27752	99.5	27710	98.2	218754	96.3
2012	222498	99.5	28248	99.8	28195	98.5	222497	96.8
2013	234400	99.6	29813	99.9	29716	98.7	234396	97.3
2014	233171	99.8	30840	100.2	30815	98.6	233171	97.7



2015	214428	99.9	26020	100.3	25968	98.7	214422	97.9
2016	195715	100.0	21625	100.2	21608	99.2	195715	98.5
2017	179061	100.2	14544	100.3	14607	99.3	179061	99.1
2018	175214	100.2	9511	100.0	9576	99.7	175214	99.6
2019	178109	100.3	6501	100.0	6691	99.9	178109	100.0
2020	179917	100.4	4677	100.0	5043	100.0	179917	100.7
2021	155322	100.4	2781	100.2	3266	99.9	155322	101.1
2022	11086	100.5	122	100.3	132	100.3	11086	101.4

Tabel: 18 Holstein Friesian - zwartbont: Reproductiestoornissen  
Basis: Melkdoel zwart  
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	249	97.9	98.5	98.0	99.0	97.2	96.3
1981	423	97.7	98.5	97.7	98.9	96.8	95.7
1982	521	97.4	98.3	97.5	98.7	96.6	95.3
1983	496	97.7	98.7	97.7	98.8	96.8	95.9
1984	630	97.6	98.4	97.8	98.6	96.7	96.0
1985	621	97.6	98.6	97.5	98.7	96.7	95.8
1986	1060	98.0	99.0	97.8	98.8	97.5	96.9
1987	1577	98.1	99.1	97.9	99.0	97.2	96.4
1988	2638	97.6	98.3	97.6	98.9	96.6	95.8
1989	4135	97.7	98.5	97.6	99.1	96.7	95.7
1990	5970	97.7	98.5	97.5	99.1	96.7	95.4
1991	6906	97.7	98.7	97.0	99.2	96.5	95.8
1992	8622	97.6	98.6	97.0	99.0	96.7	95.8
1993	9984	97.7	98.7	97.2	99.0	96.9	96.0
1994	11432	97.4	98.2	96.9	99.0	96.6	95.4
1995	14462	97.1	98.1	96.5	99.0	95.9	94.9
1996	15830	97.5	98.7	96.8	99.2	96.2	95.2
1997	17411	97.4	99.0	96.6	98.9	96.2	95.3
1998	18441	97.6	98.9	96.8	99.1	96.4	95.6
1999	19458	97.5	98.7	96.8	99.1	96.2	95.4
2000	20809	97.4	98.6	96.5	98.8	96.6	95.5
2001	22783	97.4	98.3	96.7	99.0	96.2	95.4
2002	23825	97.3	98.0	96.6	99.0	96.4	95.5
2003	25883	97.3	98.4	96.6	98.9	96.2	95.5
2004	29139	98.0	99.1	97.2	99.4	96.8	96.2
2005	28855	98.5	99.5	97.7	99.8	97.2	96.7
2006	34471	99.3	100.0	98.6	100.4	98.0	97.6
2007	34603	99.5	100.4	98.8	100.4	98.1	97.9
2008	37282	99.8	100.6	99.1	100.6	98.2	98.2
2009	38786	99.7	100.5	99.1	100.4	98.1	98.2
2010	39622	99.6	100.4	99.1	100.3	98.2	98.3
2011	39622	99.8	100.5	99.4	100.2	98.5	98.8
2012	40367	99.9	100.6	99.6	100.0	99.0	99.1
2013	42560	99.9	100.6	99.6	100.0	99.2	99.2
2014	42881	99.9	100.3	99.6	100.0	99.6	99.4
2015	36199	99.8	100.2	99.7	99.8	99.7	99.6
2016	30060	99.9	100.2	99.8	99.9	99.8	99.7
2017	21604	99.9	100.0	99.8	99.9	99.8	99.8
2018	15808	100.0	99.9	100.0	100.0	100.0	100.0
2019	12787	100.1	99.9	100.2	100.2	100.2	100.1
2020	10241	100.1	99.9	100.2	100.1	100.2	100.2
2021	6641	100.1	99.8	100.2	100.2	100.3	100.2
2022	270	100.2	99.8	100.2	100.2	100.4	100.2

Tabel: 19 Holstein Friesian - roodbont: Melkproductiekenmerken

Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	33	-2631.8	-98.1	-102.3	-118.8	35.8	-13.7	1.8	-661.2
1981	58	-2500.2	-98.8	-99.8	-112.9	23.8	-17.1	1.7	-650.4
1982	82	-2404.6	-93.5	-95.6	-108.5	25.0	-15.7	1.7	-620.8
1983	102	-2393.2	-94.7	-96.4	-108.0	22.5	-17.4	1.6	-626.5
1984	253	-2307.9	-90.3	-94.5	-104.1	23.2	-18.9	1.6	-608.2
1985	399	-2430.7	-93.7	-96.1	-109.7	27.1	-14.5	1.7	-623.6
1986	679	-2301.5	-89.0	-92.1	-103.8	24.9	-15.4	1.6	-595.9
1987	1198	-2262.3	-87.8	-90.8	-102.0	23.8	-15.4	1.6	-587.5
1988	2403	-2247.6	-85.2	-89.2	-101.4	27.4	-13.4	1.7	-575.3
1989	3569	-2189.2	-83.2	-87.0	-98.7	26.6	-12.8	1.6	-561.1
1990	4825	-2177.8	-84.0	-86.4	-98.2	24.3	-12.5	1.7	-560.1
1991	6455	-2077.7	-81.7	-82.8	-93.6	20.2	-12.4	1.6	-539.1
1992	8427	-2045.9	-82.1	-81.7	-92.1	16.9	-12.5	1.6	-535.0
1993	9977	-1956.6	-81.9	-79.2	-88.1	10.6	-13.5	1.6	-523.0
1994	12173	-1874.2	-71.6	-73.7	-84.3	20.9	-9.3	1.6	-477.7
1995	13597	-1846.4	-69.4	-72.3	-83.0	22.3	-8.7	1.6	-467.2
1996	15358	-1721.1	-65.2	-68.0	-77.3	19.7	-8.9	1.6	-439.0
1997	16764	-1644.1	-62.6	-65.2	-73.8	18.1	-8.7	1.6	-421.1
1998	23187	-1604.5	-57.8	-61.7	-72.0	22.6	-5.5	1.6	-395.8
1999	26193	-1527.8	-54.4	-59.0	-68.5	22.0	-5.7	1.6	-377.0
2000	32078	-1356.6	-52.1	-54.5	-60.9	14.0	-7.9	1.3	-351.2
2001	36318	-1265.3	-49.9	-50.7	-58.9	11.0	-6.9	-1.7	-330.4
2002	37108	-1136.9	-44.8	-47.0	-54.0	9.9	-8.1	-3.1	-303.2
2003	38825	-1078.6	-41.7	-44.2	-52.3	10.5	-7.1	-4.3	-284.4
2004	40642	-989.8	-36.3	-40.4	-48.0	12.3	-6.2	-4.1	-256.4
2005	43500	-912.6	-33.4	-37.0	-44.6	11.6	-5.1	-4.2	-235.2
2006	45979	-839.7	-33.8	-34.7	-40.6	6.6	-5.4	-3.2	-225.3
2007	45980	-778.7	-31.3	-32.4	-38.0	6.2	-5.2	-3.4	-209.7
2008	50036	-726.6	-30.3	-29.6	-35.3	4.3	-4.0	-2.9	-195.9
2009	50507	-724.5	-32.5	-29.5	-34.0	1.1	-4.1	-1.3	-199.6
2010	51286	-644.1	-28.8	-25.8	-30.6	1.3	-2.9	-1.6	-175.4
2011	51721	-565.8	-25.0	-22.7	-26.9	1.7	-2.6	-1.4	-153.8
2012	53330	-511.9	-22.7	-20.7	-24.1	1.5	-2.4	-1.1	-139.8
2013	55335	-479.1	-21.6	-18.6	-22.9	1.1	-1.2	-1.5	-128.7
2014	54293	-421.7	-19.8	-16.1	-20.3	0.2	-0.6	-1.5	-113.8
2015	47995	-375.1	-18.2	-13.5	-17.8	-0.3	0.7	-0.9	-98.8
2016	42208	-288.8	-15.4	-10.8	-13.6	-1.6	0.3	-0.5	-80.7
2017	37245	-186.6	-12.1	-7.2	-8.6	-3.0	0.2	-0.1	-57.7
2018	35562	-61.2	-6.4	-2.6	-3.0	-2.9	0.3	-0.3	-25.2
2019	34824	-10.0	0.4	0.9	-0.9	2.6	2.3	-0.6	4.4
2020	36372	45.9	5.7	4.0	2.0	5.9	3.6	-0.2	28.9
2021	32773	163.0	14.2	9.5	7.8	9.5	5.0	0.4	71.1
2022	2056	237.8	17.0	12.7	11.7	8.7	5.5	1.1	91.3

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	34	87.1	92.6	88.1	83.9	101.7	97.9	93.0
1981	64	88.2	93.0	88.5	84.8	101.1	97.7	94.5
1982	84	88.2	93.4	89.6	85.7	100.8	96.6	94.2
1983	108	89.2	93.4	90.4	86.6	100.2	96.5	93.8
1984	241	89.0	93.2	91.2	87.7	99.7	95.7	93.6
1985	344	88.8	93.2	90.6	87.2	100.3	95.8	93.6

1986	593	89.0	93.3	91.1	88.0	100.0	95.7	93.5
1987	923	88.9	93.8	91.3	88.1	100.2	95.9	94.0
1988	1537	88.9	93.9	91.6	88.4	100.2	96.0	94.1
1989	1994	89.1	94.3	91.8	88.7	100.2	96.0	94.3
1990	2725	89.2	94.3	92.0	88.8	100.3	96.1	94.4
1991	3795	90.0	94.1	92.3	89.4	99.7	96.1	95.1
1992	4994	89.9	94.1	92.0	89.0	100.0	96.2	95.4
1993	5399	90.4	94.1	92.1	89.4	99.6	96.2	95.3
1994	6749	90.7	96.5	94.5	90.8	100.8	96.9	97.0
1995	7469	90.9	96.7	95.1	91.6	100.3	96.9	96.9
1996	8697	91.2	96.7	95.6	92.1	100.2	97.0	97.6
1997	10161	91.6	97.3	96.2	92.7	100.6	97.5	97.3
1998	14096	91.9	97.7	96.6	92.9	100.6	97.6	97.0
1999	16262	92.2	97.7	96.4	92.9	100.6	97.4	97.0
2000	20243	93.0	97.2	96.0	92.8	100.4	98.0	97.1
2001	22350	93.3	97.6	96.4	93.4	100.3	98.4	96.9
2002	23178	94.0	98.0	97.1	94.3	100.0	98.1	97.1
2003	24254	94.6	98.5	97.7	95.0	100.1	98.8	97.0
2004	25827	94.7	98.8	98.2	95.4	100.0	99.1	97.4
2005	27604	95.0	98.6	98.2	95.4	99.4	99.4	97.6
2006	28392	95.2	98.9	98.2	95.6	99.7	99.5	97.7
2007	28198	95.5	98.9	98.5	96.1	99.5	100.0	97.6
2008	30176	96.0	98.6	98.4	96.0	99.5	99.8	97.7
2009	30858	96.8	99.0	98.7	96.0	100.1	100.1	97.9
2010	31352	97.1	98.7	98.8	96.2	99.7	100.0	98.2
2011	30749	97.3	98.8	99.1	96.5	99.6	100.0	98.2
2012	30775	97.1	98.8	99.1	96.5	99.7	100.1	98.3
2013	30520	97.3	98.9	99.1	96.7	99.7	99.9	98.4
2014	28691	97.8	99.1	99.5	97.3	99.6	99.9	98.6
2015	25457	98.4	99.1	99.8	97.5	99.6	100.2	98.8
2016	22554	98.8	99.5	100.1	98.1	99.9	100.7	99.0
2017	19520	99.4	100.1	100.2	98.5	100.4	100.7	99.4
2018	18227	100.0	100.0	100.5	99.1	100.3	100.5	99.5
2019	17276	100.2	100.1	100.2	99.3	100.2	100.1	99.5
2020	17300	100.5	100.4	100.4	99.7	100.3	99.7	99.8
2021	10633	100.9	101.7	100.8	100.3	101.1	99.7	100.1
2022	187	101.4	102.3	101.7	101.2	101.3	99.9	100.2

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	34	87.0	103.5	96.4	89.8	85.1
1981	64	88.5	103.0	96.6	90.2	85.6
1982	84	89.0	103.5	96.5	90.9	86.3
1983	108	89.5	103.5	95.9	91.8	87.0
1984	241	89.1	103.6	96.2	92.3	86.3
1985	344	89.3	103.5	96.1	92.6	86.7
1986	593	89.2	104.1	95.7	93.1	86.7
1987	923	89.8	104.1	95.4	93.7	87.4
1988	1537	90.3	103.7	95.4	94.0	87.9
1989	1994	90.5	104.1	95.4	94.3	88.1
1990	2725	90.7	104.0	95.3	94.4	88.2
1991	3795	90.7	104.6	95.1	94.3	88.2
1992	4994	90.9	104.4	95.1	94.4	88.5
1993	5399	91.0	105.0	94.4	94.3	88.6
1994	6749	89.9	105.0	93.5	94.0	88.2
1995	7469	90.3	105.2	93.6	94.3	88.6
1996	8697	91.2	105.7	93.6	94.4	89.5
1997	10161	92.0	106.2	93.2	94.7	90.4

1998	14096	92.0	106.5	93.1	94.9	90.5
1999	16262	92.5	105.9	93.3	94.8	91.0
2000	20243	93.2	105.4	94.4	95.3	91.9
2001	22350	93.1	105.4	94.8	95.4	91.8
2002	23178	93.3	104.9	95.4	95.5	92.0
2003	24254	93.4	104.6	95.6	95.9	92.4
2004	25827	93.7	104.9	95.4	96.4	92.9
2005	27604	93.8	104.7	94.9	96.1	93.4
2006	28392	94.4	104.0	95.6	96.7	94.0
2007	28198	94.4	103.4	96.0	96.8	94.2
2008	30176	94.3	103.0	96.4	96.6	94.1
2009	30858	94.9	102.5	97.3	97.0	94.9
2010	31352	95.6	102.0	97.9	97.0	95.5
2011	30749	96.4	102.2	98.0	97.4	96.5
2012	30775	96.6	102.2	98.1	97.8	97.0
2013	30520	96.9	102.0	98.3	98.1	97.4
2014	28691	97.2	101.7	98.6	98.2	97.7
2015	25457	97.4	101.4	98.7	98.2	98.0
2016	22554	97.5	101.3	98.8	98.5	98.3
2017	19520	98.2	100.8	99.5	99.1	98.8
2018	18227	98.8	100.5	99.7	99.4	99.4
2019	17276	99.6	100.2	100.2	99.7	100.1
2020	17300	100.3	100.3	100.1	100.3	101.0
2021	10633	101.4	100.1	100.8	101.6	102.4
2022	187	102.2	100.3	100.9	101.8	103.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1980	34	90.2	88.4	101.6	92.9	87.4	91.9	90.0	93.7
1981	64	89.6	89.0	100.0	93.0	87.2	91.4	89.9	93.6
1982	84	89.5	88.8	100.3	92.3	87.2	91.5	90.1	93.1
1983	108	89.6	88.2	100.7	92.2	87.6	91.5	89.6	93.1
1984	241	90.0	88.7	100.7	92.4	88.1	92.1	90.3	93.1
1985	344	90.5	88.9	100.5	93.0	88.2	92.5	90.6	93.0
1986	593	90.7	89.1	100.4	92.8	88.8	92.6	90.7	93.1
1987	923	89.9	89.0	100.6	91.9	88.6	92.4	90.6	93.1
1988	1537	89.7	89.0	100.8	91.7	88.9	92.3	90.5	93.4
1989	1994	89.6	89.1	101.0	91.7	88.9	92.1	90.4	93.6
1990	2725	89.6	89.3	101.0	91.6	89.0	92.3	90.6	93.5
1991	3795	89.9	89.0	101.0	91.8	89.2	92.1	90.5	93.5
1992	4994	89.9	89.4	100.8	92.0	89.2	92.3	90.9	93.8
1993	5399	89.9	89.5	100.8	92.1	89.6	92.7	91.1	94.2
1994	6749	89.5	91.0	100.2	90.7	88.4	93.3	92.3	92.5
1995	7469	89.6	91.0	100.5	90.6	88.6	93.3	92.1	92.8
1996	8697	89.4	91.2	100.4	90.4	88.9	93.4	92.3	93.0
1997	10161	89.8	91.6	99.9	90.6	89.4	93.9	92.2	93.1
1998	14096	89.5	92.1	99.9	90.3	89.7	94.2	93.0	93.4
1999	16262	89.7	92.8	99.7	90.7	90.7	95.2	93.9	94.1
2000	20243	90.5	93.5	100.0	91.7	91.3	96.1	94.9	94.4
2001	22350	90.7	93.2	99.9	91.7	91.3	95.4	94.3	94.1
2002	23178	91.1	93.6	99.8	91.9	91.8	95.7	94.6	94.6
2003	24254	91.8	94.0	99.5	92.5	92.3	95.9	94.8	95.0
2004	25827	91.8	94.6	99.7	92.2	92.5	96.3	95.6	95.0
2005	27604	91.7	94.9	100.3	92.3	92.9	96.6	95.9	95.4
2006	28392	92.4	95.3	100.2	92.9	93.2	96.5	96.0	95.3
2007	28198	92.7	95.8	100.0	93.2	93.7	96.9	96.4	95.8
2008	30176	92.9	96.0	99.7	93.6	94.0	97.0	96.7	95.9
2009	30858	93.4	96.4	99.4	94.6	94.3	97.5	97.1	95.9

2010	31352	93.8	96.8	99.3	94.9	94.8	97.7	97.4	95.8
2011	30749	94.2	97.2	99.3	95.1	95.2	98.1	98.1	96.0
2012	30775	94.7	97.2	99.6	95.4	95.5	98.3	98.3	96.4
2013	30520	95.3	97.6	99.7	95.9	95.8	98.6	98.6	96.5
2014	28691	95.9	97.8	100.0	96.5	96.3	98.8	98.7	97.1
2015	25457	96.5	98.4	99.8	97.4	96.9	99.2	99.1	97.6
2016	22554	96.9	98.6	99.6	97.9	97.0	99.5	99.3	97.7
2017	19520	97.8	99.0	99.8	98.6	97.9	99.7	99.4	98.1
2018	18227	99.1	99.7	99.7	99.7	99.3	100.1	99.8	98.8
2019	17276	99.4	99.9	99.6	100.0	99.8	100.1	99.8	99.6
2020	17300	99.8	99.7	100.0	100.4	99.9	100.1	99.7	99.9
2021	10633	100.7	99.8	100.2	101.0	100.6	100.4	99.9	100.4
2022	187	101.5	101.0	100.1	101.9	101.2	101.1	100.8	100.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	34	86.7	85.8	87.2	84.6	0.0	78.9
1981	64	88.0	86.6	86.7	85.5	0.0	79.6
1982	84	88.2	87.3	86.6	85.9	0.0	80.0
1983	108	89.0	87.7	86.8	86.4	0.0	80.6
1984	241	88.9	88.2	87.4	85.6	0.0	80.6
1985	344	88.6	88.1	87.8	85.9	0.0	80.9
1986	593	88.7	88.6	88.1	85.7	0.0	81.0
1987	923	88.8	89.1	87.5	86.4	0.0	81.2
1988	1537	89.0	89.5	87.5	87.1	0.0	81.7
1989	1994	89.3	89.9	87.4	87.2	0.0	81.8
1990	2725	89.4	90.1	87.5	87.3	0.0	82.0
1991	3795	90.3	90.2	87.7	87.2	0.0	82.3
1992	4994	90.2	90.1	87.8	87.5	0.0	82.5
1993	5399	90.4	90.1	88.1	87.3	0.0	82.6
1994	6749	92.3	93.3	87.2	86.8	0.0	83.0
1995	7469	92.6	93.7	87.4	87.2	0.0	83.4
1996	8697	93.4	94.3	87.4	88.0	0.0	84.2
1997	10161	94.1	95.0	88.1	88.7	0.0	85.2
1998	14096	94.4	95.2	88.0	88.6	0.0	85.2
1999	16262	94.6	95.3	88.7	89.3	0.0	86.0
2000	20243	95.3	94.9	89.7	90.5	0.0	87.3
2001	22350	95.7	95.3	89.7	90.5	0.0	87.5
2002	23178	96.3	96.0	90.2	90.9	0.0	88.3
2003	24254	97.1	96.5	90.9	91.3	0.0	89.2
2004	25827	97.5	96.8	91.0	91.6	0.0	89.6
2005	27604	97.7	96.5	91.1	92.0	0.0	89.8
2006	28392	98.0	96.9	91.7	92.8	0.0	90.7
2007	28198	98.4	97.1	92.1	93.1	0.0	91.3
2008	30176	98.5	97.0	92.4	93.1	0.0	91.5
2009	30858	99.2	97.4	93.0	94.1	0.0	92.6
2010	31352	99.4	97.3	93.5	94.8	0.0	93.3
2011	30749	99.6	97.6	93.9	95.8	0.0	94.1
2012	30775	99.6	97.7	94.3	96.2	0.0	94.5
2013	30520	99.6	97.8	94.9	96.6	0.0	95.1
2014	28691	100.1	98.2	95.5	97.0	0.0	95.8
2015	25457	100.5	98.4	96.3	97.3	0.0	96.5
2016	22554	100.6	99.0	96.7	97.6	0.0	97.0
2017	19520	100.9	99.6	97.7	98.2	0.0	98.0
2018	18227	101.1	99.9	99.2	98.7	0.0	99.2
2019	17276	100.9	100.0	99.6	99.5	0.0	99.8
2020	17300	101.0	100.2	99.9	100.3	0.0	100.5
2021	10633	101.3	101.1	100.8	101.8	0.0	101.9

2022 187 101.8 101.7 101.7 102.8 0.0 103.2

Tabel: 24 Holstein Friesian - roodbont: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	43	101.8	101.9	99.0	100.0	98.6	99.6	83.6	100.3	99.5
1981	76	102.2	101.8	99.6	100.2	99.4	100.6	85.7	100.7	100.2
1982	111	101.8	101.5	99.2	99.8	98.8	100.0	85.2	100.3	99.6
1983	143	101.3	100.8	98.3	98.9	98.2	99.7	86.7	99.4	98.9
1984	324	100.8	100.5	97.8	98.5	97.7	99.4	86.6	98.9	98.4
1985	502	101.7	101.1	98.9	99.5	98.9	100.7	86.1	99.9	99.6
1986	896	101.3	100.5	98.3	98.9	98.4	100.2	87.1	99.2	99.0
1987	1537	101.5	100.7	98.4	99.2	98.7	100.3	87.2	99.4	99.3
1988	2788	101.7	100.4	98.3	98.9	98.7	100.4	87.1	99.2	99.2
1989	4081	101.4	100.3	98.2	98.7	98.5	100.4	87.2	99.0	99.0
1990	5529	101.1	100.3	98.0	98.7	98.3	100.4	87.4	99.0	98.9
1991	7561	101.5	99.8	98.1	98.4	98.5	100.6	88.7	98.7	98.9
1992	9916	101.5	99.9	98.1	98.5	98.5	100.5	88.9	98.8	98.9
1993	11313	102.0	99.4	98.2	98.3	98.8	100.7	89.0	98.5	99.0
1994	14299	101.4	99.1	97.6	97.8	98.2	100.5	89.9	98.1	98.4
1995	15757	101.0	99.0	97.3	97.5	97.8	100.1	90.1	97.8	98.1
1996	17981	100.7	98.4	96.7	96.7	97.2	99.7	90.3	97.1	97.4
1997	19712	99.9	98.7	96.5	96.6	96.8	99.7	90.8	97.2	97.3
1998	27390	100.1	98.4	96.4	96.5	96.8	99.8	91.0	97.0	97.2
1999	30276	99.9	98.3	96.4	96.4	96.8	99.6	91.6	96.9	97.1
2000	36174	100.7	97.4	96.4	96.1	97.2	100.0	91.6	96.4	97.2
2001	40935	100.2	97.5	96.3	96.0	97.0	99.7	92.2	96.4	97.0
2002	43145	99.4	97.6	95.9	95.7	96.3	99.3	93.5	96.2	96.6
2003	45782	98.8	97.6	95.6	95.4	96.0	99.3	94.3	96.0	96.3
2004	47149	98.9	97.5	95.6	95.3	96.0	99.1	94.3	96.0	96.3
2005	49187	98.9	97.7	95.8	95.5	96.2	99.5	94.3	96.2	96.6
2006	50908	98.9	97.3	95.5	95.2	96.1	99.6	94.7	95.8	96.4
2007	52960	98.7	97.4	95.4	95.2	96.0	99.7	95.3	95.9	96.3
2008	59201	99.3	97.2	95.8	95.3	96.5	99.7	95.8	95.9	96.6
2009	59635	99.4	97.7	96.2	95.8	96.9	99.5	96.4	96.4	97.0
2010	59141	99.7	97.5	96.2	95.8	97.1	99.6	96.4	96.4	97.0
2011	59461	99.5	97.5	96.2	95.7	97.1	99.4	96.6	96.3	96.9
2012	62063	99.5	97.6	96.4	95.9	97.4	99.8	96.6	96.5	97.2
2013	63613	99.4	97.8	96.6	96.2	97.5	99.9	96.9	96.7	97.4
2014	63495	99.6	98.3	97.0	96.8	98.0	99.9	97.1	97.3	97.8
2015	59737	99.7	98.5	97.3	97.1	98.2	99.8	97.4	97.5	98.0
2016	52896	99.8	98.8	97.8	97.6	98.7	99.8	98.1	98.0	98.4
2017	44138	99.7	99.3	98.2	98.1	99.0	99.4	98.7	98.5	98.7
2018	41078	100.1	99.8	98.9	98.8	99.8	99.8	99.0	99.2	99.4
2019	41241	100.1	100.2	99.4	99.4	100.3	100.1	99.4	99.7	99.9
2020	42408	99.9	100.3	99.3	99.4	100.3	100.0	99.6	99.7	99.9
2021	38945	99.2	100.6	99.4	99.6	100.1	99.9	100.4	99.9	99.9
2022	15816	99.7	100.6	99.9	100.0	100.7	100.3	100.8	100.3	100.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	23	98.3	95.7	96.7	99.6	104.2
1981	34	99.0	96.2	96.2	98.5	102.3

1982	45	98.2	96.8	95.7	97.9	102.3
1983	69	98.1	96.1	95.6	97.6	101.8
1984	141	97.8	96.2	95.2	97.3	101.4
1985	208	98.2	95.6	95.3	97.5	101.5
1986	342	98.3	95.9	94.9	96.9	101.1
1987	544	98.0	95.5	94.4	96.2	100.3
1988	913	97.8	95.9	94.7	96.4	100.4
1989	1215	97.6	96.0	94.7	96.1	100.5
1990	1874	97.8	96.2	94.4	95.5	100.1
1991	3091	98.4	96.8	94.2	95.4	99.4
1992	4884	98.7	97.0	94.4	95.5	99.5
1993	5227	98.4	97.1	94.5	95.7	99.6
1994	6463	98.7	96.6	94.4	95.2	99.3
1995	7122	98.7	96.3	94.3	95.0	99.2
1996	8242	98.7	96.4	94.4	94.8	99.1
1997	9619	98.9	96.9	94.2	94.4	98.5
1998	13341	98.6	96.0	94.7	95.0	98.3
1999	15223	98.2	96.1	94.6	94.8	97.7
2000	19158	98.3	95.7	94.9	95.1	98.3
2001	21344	98.5	95.7	94.7	94.8	97.9
2002	22132	98.4	95.5	94.4	94.3	97.5
2003	22900	98.6	96.0	94.4	94.3	97.3
2004	24376	98.4	95.7	94.6	94.4	97.0
2005	25945	98.8	95.9	94.9	94.6	97.1
2006	26493	98.8	96.7	95.0	94.8	97.3
2007	26114	98.9	96.6	95.1	94.7	97.2
2008	28071	98.8	96.7	95.2	94.7	97.4
2009	28549	98.2	96.8	95.8	95.6	98.2
2010	28966	98.3	96.8	96.0	95.7	98.1
2011	28743	98.5	97.1	96.5	96.2	98.2
2012	28849	98.6	97.2	97.0	96.7	98.4
2013	28488	99.0	97.8	97.3	96.8	98.5
2014	26524	99.1	98.3	97.4	96.9	98.4
2015	23370	99.2	98.1	97.9	97.4	98.8
2016	20717	99.2	98.4	98.5	98.0	99.4
2017	17919	99.2	98.6	99.1	98.6	99.6
2018	17132	99.5	99.3	99.7	99.1	99.8
2019	16259	99.6	99.8	100.2	99.7	99.9
2020	16462	99.6	100.0	100.6	100.1	100.1
2021	9440	99.2	100.4	101.2	100.6	100.3
2022	148	98.9	100.4	101.5	101.0	100.4

Tabel: 26 Holstein Friesian - roodbont: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	33	-319.0	-661.2	-226.7	102.6	99.5	87.2	84.6	95.5	0.0
1981	58	-318.0	-650.4	-260.7	100.7	100.2	86.7	85.5	95.0	0.0
1982	82	-313.5	-620.8	-312.5	100.4	99.6	86.6	85.9	95.4	0.0
1983	102	-331.1	-626.5	-356.9	100.0	98.9	86.8	86.4	95.1	0.0
1984	253	-342.8	-608.2	-473.9	99.5	98.4	87.4	85.6	95.0	0.0
1985	399	-280.9	-623.6	-543.8	99.7	99.6	87.8	85.9	95.7	160.6
1986	679	-287.4	-595.9	-578.4	99.2	99.0	88.1	85.7	95.4	146.8
1987	1198	-299.8	-587.5	-645.0	98.4	99.3	87.5	86.4	95.4	128.9
1988	2403	-300.3	-575.3	-676.9	98.5	99.2	87.5	87.1	95.5	115.4
1989	3569	-297.2	-561.1	-675.9	98.4	99.0	87.4	87.2	95.3	108.7
1990	4825	-303.9	-560.1	-689.9	97.9	98.9	87.5	87.3	94.9	106.0
1991	6455	-302.4	-539.1	-675.3	97.4	98.9	87.7	87.2	94.9	103.0
1992	8427	-299.0	-535.0	-645.6	97.5	98.9	87.8	87.5	94.9	101.2
1993	9977	-293.1	-523.0	-627.4	97.7	99.0	88.1	87.3	95.3	100.0



1994	12173	-297.6	-477.7	-665.8	97.3	98.4	87.2	86.8	95.2	76.6
1995	13597	-298.3	-467.2	-659.7	97.1	98.1	87.4	87.2	95.3	76.3
1996	15358	-292.6	-439.0	-625.5	96.9	97.4	87.4	88.0	95.2	71.2
1997	16764	-291.5	-421.1	-608.1	96.4	97.3	88.1	88.7	95.5	63.8
1998	23187	-285.8	-395.8	-623.4	96.5	97.2	88.0	88.6	95.4	59.9
1999	26193	-275.7	-377.0	-596.1	96.0	97.1	88.7	89.3	96.1	57.9
2000	32078	-252.8	-351.2	-515.5	96.6	97.2	89.7	90.5	96.0	57.1
2001	36318	-249.8	-330.4	-495.9	96.2	97.0	89.7	90.5	95.9	52.5
2002	37108	-246.4	-303.2	-485.5	95.7	96.6	90.2	90.9	95.5	46.8
2003	38825	-240.9	-284.4	-463.1	95.5	96.3	90.9	91.3	95.2	40.8
2004	40642	-229.5	-256.4	-453.7	95.4	96.3	91.0	91.6	95.2	37.4
2005	43500	-212.8	-235.2	-423.8	95.6	96.6	91.1	92.0	95.3	37.6
2006	45979	-204.2	-225.3	-380.3	95.8	96.4	91.7	92.8	95.4	34.3
2007	45980	-195.2	-209.7	-358.1	95.7	96.3	92.1	93.1	95.2	32.9
2008	50036	-185.1	-195.9	-329.8	95.8	96.6	92.4	93.1	95.6	32.0
2009	50507	-176.0	-199.6	-297.3	96.7	97.0	93.0	94.1	95.5	25.7
2010	51286	-162.1	-175.4	-278.9	96.7	97.0	93.5	94.8	95.6	25.7
2011	51721	-146.2	-153.8	-247.0	97.0	96.9	93.9	95.8	95.9	24.1
2012	53330	-130.5	-139.8	-212.1	97.4	97.2	94.3	96.2	96.3	23.2
2013	55335	-119.8	-128.7	-183.3	97.5	97.4	94.9	96.6	96.3	21.5
2014	54293	-106.7	-113.8	-164.4	97.5	97.8	95.5	97.0	96.8	18.2
2015	47995	-91.6	-98.8	-130.5	98.0	98.0	96.3	97.3	97.0	15.4
2016	42208	-74.1	-80.7	-92.6	98.7	98.4	96.7	97.6	97.4	10.9
2017	37245	-57.9	-57.7	-76.6	99.0	98.7	97.7	98.2	97.8	5.8
2018	35562	-28.5	-25.2	-31.3	99.4	99.4	99.2	98.7	98.6	3.5
2019	34824	-5.1	4.4	15.1	99.8	99.9	99.6	99.5	99.1	2.3
2020	36372	11.6	28.9	52.2	100.1	99.9	99.9	100.3	99.4	-0.5
2021	32773	35.1	71.1	87.5	100.5	99.9	100.8	101.8	99.5	-7.6
2022	2056	54.3	91.3	101.8	100.8	100.4	101.7	102.8	99.9	-6.3

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1984	29	91.7	93.2	98.0	97.2	88.9	93.1	93.7
1985	36	92.5	94.9	97.6	96.7	90.9	93.3	95.1
1986	72	92.4	95.4	97.5	95.9	91.0	93.3	94.9
1987	120	92.5	94.5	98.1	96.7	90.6	93.6	94.2
1988	245	92.5	93.9	98.3	97.2	90.1	93.2	94.0
1989	319	92.7	94.2	98.3	97.2	90.6	93.9	94.4
1990	462	92.7	94.1	98.3	97.4	90.6	93.9	94.1
1991	720	91.5	94.4	96.6	95.3	90.8	93.2	95.1
1992	1015	91.7	94.7	96.6	95.3	91.1	93.2	95.2
1993	1196	91.7	94.6	96.9	95.4	90.7	93.2	95.0
1994	2026	92.3	94.8	98.1	95.7	90.8	93.0	94.3
1995	3828	92.2	94.6	98.0	95.9	90.7	93.3	94.0
1996	3540	91.9	93.8	97.9	96.4	89.8	93.4	93.9
1997	7163	91.7	93.2	98.0	96.6	89.7	93.1	93.7
1998	12395	91.8	93.7	97.9	96.7	89.9	92.8	93.7
1999	14811	92.6	94.4	98.3	97.0	90.2	93.3	94.1
2000	19240	92.8	95.3	97.9	96.8	90.9	94.0	94.4
2001	21364	92.5	95.2	97.6	96.1	91.2	93.8	94.5
2002	22448	92.1	94.9	97.3	96.1	91.1	93.8	94.2
2003	24033	92.4	95.3	97.2	96.4	91.4	93.7	94.7
2004	25946	93.0	96.0	97.5	96.6	92.0	93.7	94.9
2005	27739	94.0	96.6	98.1	97.2	92.5	94.0	95.6
2006	28569	94.0	96.6	97.7	97.0	92.7	94.0	96.3
2007	28489	94.4	97.4	97.5	97.1	93.6	94.2	96.9
2008	30780	94.4	97.2	97.3	97.1	93.8	94.4	97.1
2009	31549	94.4	97.3	97.0	96.9	94.4	94.5	97.7

2010	31971	94.6	97.4	97.0	97.3	94.7	94.9	97.7
2011	31288	95.1	98.2	96.9	97.4	95.6	95.3	98.1
2012	31443	95.9	98.8	97.2	97.7	96.5	95.8	98.5
2013	31352	96.2	99.1	97.2	97.9	97.1	96.3	98.8
2014	29530	96.7	99.1	97.5	98.3	97.1	97.0	99.0
2015	26225	97.3	99.3	97.9	98.8	97.5	97.7	99.3
2016	23321	97.9	99.4	98.4	99.1	98.1	98.2	99.5
2017	20100	98.0	99.5	98.4	99.1	98.5	98.6	99.3
2018	18775	99.1	100.0	99.2	99.6	98.9	99.4	99.7
2019	17631	99.4	100.4	99.2	99.6	99.6	99.8	100.1
2020	17627	100.1	100.6	99.8	100.0	99.9	100.4	100.2
2021	11030	100.5	100.6	100.2	100.0	100.3	101.2	100.3
2022	213	101.0	101.0	100.3	100.3	100.7	101.6	100.8

Tabel: 28 Holstein Friesian - roodbont: Levensvatbaarheidsskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	19	96.1	97.6	96.1	97.6	94.3	97.8
1981	39	94.2	98.5	94.2	98.5	93.0	97.4
1982	49	94.2	99.0	94.2	99.0	92.5	97.7
1983	63	93.5	99.0	93.5	99.0	91.9	97.4
1984	161	93.8	98.4	93.8	98.4	92.1	97.0
1985	218	94.8	98.5	94.8	98.5	93.3	97.8
1986	457	94.4	98.5	94.4	98.5	92.9	97.8
1987	810	94.1	98.9	94.1	98.9	92.7	98.1
1988	1514	94.2	98.8	94.2	98.8	93.0	97.9
1989	2400	94.2	98.6	94.2	98.6	92.9	97.7
1990	3783	94.0	98.4	94.0	98.4	92.6	97.4
1991	6105	93.9	98.6	93.9	98.6	92.8	97.5
1992	8402	94.0	98.6	94.0	98.6	92.8	97.5
1993	11596	94.4	98.8	94.4	98.8	93.3	97.7
1994	16119	94.1	98.9	94.1	98.9	93.6	97.3
1995	18251	94.3	99.0	94.3	99.0	93.6	97.3
1996	21782	94.4	98.8	94.4	98.8	93.6	97.7
1997	24826	94.6	98.9	94.6	98.9	93.8	97.7
1998	34507	94.7	98.7	94.7	98.7	93.7	97.4
1999	39637	95.2	99.2	95.2	99.2	94.0	98.1
2000	48444	95.5	98.9	95.5	98.9	94.4	98.6
2001	51186	95.6	98.7	95.6	98.7	94.4	98.5
2002	55326	95.6	98.3	95.6	98.3	94.1	98.1
2003	57209	95.5	97.9	95.5	97.9	94.0	98.0
2004	58719	95.7	97.8	95.7	97.8	94.3	98.0
2005	59143	95.9	97.7	95.9	97.7	94.8	98.1
2006	58748	96.1	97.6	96.1	97.6	95.0	97.9
2007	59389	96.2	97.3	96.2	97.3	95.1	97.7
2008	67028	96.7	97.4	96.7	97.4	95.6	97.7
2009	70554	96.7	97.3	96.7	97.3	95.9	97.6
2010	70124	96.8	97.4	96.8	97.4	96.4	97.8
2011	68868	97.2	97.4	97.2	97.4	97.0	97.9
2012	71068	97.7	97.4	97.7	97.4	97.5	98.1
2013	72257	98.0	97.3	98.0	97.3	98.0	98.1
2014	73341	98.3	97.7	98.3	97.7	98.5	98.3
2015	72772	98.1	97.9	98.1	97.9	98.6	98.6
2016	70530	98.2	98.3	98.2	98.3	99.0	98.8
2017	60699	98.4	98.5	98.4	98.5	99.4	98.9
2018	57070	98.7	99.3	98.7	99.3	99.5	99.5
2019	51044	99.2	99.5	99.2	99.5	99.9	99.8
2020	52572	99.3	99.7	99.3	99.7	100.1	99.9
2021	53348	99.5	99.6	99.5	99.6	100.2	99.9

2022	52919	99.6	100.0	99.6	100.0	100.3	100.0
2023	52815	99.8	100.3	99.8	100.3	100.4	100.3
2024	5831	99.8	100.6	99.8	100.6	100.4	100.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	22	97.2	106.2	101.2	95.6	98.6	100.4
1981	34	95.6	105.9	102.7	96.0	99.2	100.3
1982	45	94.5	106.7	104.1	97.6	99.1	99.7
1983	68	94.7	106.6	104.1	97.4	99.0	99.8
1984	163	94.8	106.2	103.6	96.7	99.0	99.8
1985	211	96.2	105.2	102.4	96.7	98.7	98.9
1986	374	96.4	104.9	102.1	96.9	98.4	98.6
1987	588	96.5	104.8	102.0	96.3	98.7	99.9
1988	1027	97.0	104.4	101.5	96.4	98.5	99.5
1989	1400	96.4	105.1	102.0	96.0	98.8	99.9
1990	2124	96.0	105.1	102.3	95.6	98.8	100.2
1991	3060	95.6	104.8	102.6	96.1	98.8	99.1
1992	3981	95.7	104.7	102.5	96.5	98.6	98.4
1993	4362	96.1	104.3	102.3	96.8	98.4	98.2
1994	6103	95.0	104.5	103.3	96.6	98.2	99.3
1995	7329	94.8	104.8	103.6	96.7	98.2	99.1
1996	8479	94.8	104.9	103.5	96.8	98.5	98.7
1997	9778	95.0	105.1	103.4	97.1	99.2	98.7
1998	13798	94.6	104.8	103.7	96.7	99.1	99.2
1999	16016	95.2	103.8	103.3	97.2	98.8	98.5
2000	20737	95.6	103.0	102.9	97.2	98.0	97.9
2001	23770	95.2	103.1	103.3	96.8	98.0	98.7
2002	25083	94.8	104.0	103.8	96.5	98.5	99.3
2003	27420	94.4	103.9	104.1	96.4	99.0	99.2
2004	29553	94.6	103.6	104.0	96.6	99.6	99.3
2005	33261	94.9	103.6	103.8	96.8	99.7	99.2
2006	35131	95.3	103.1	103.5	96.4	99.6	99.4
2007	39754	95.7	103.2	103.2	96.1	99.8	99.9
2008	45710	96.2	102.9	102.9	96.4	99.6	100.0
2009	50756	96.1	102.7	103.1	96.7	99.6	99.6
2010	51659	96.2	102.5	103.2	96.8	99.3	99.7
2011	50984	96.4	102.6	103.2	97.0	99.4	99.9
2012	51660	96.9	102.4	102.8	97.1	99.2	99.9
2013	54095	97.2	102.2	102.4	97.1	99.2	100.0
2014	54683	97.5	101.7	102.2	97.5	98.8	99.8
2015	52744	97.5	101.5	102.2	97.8	99.0	100.0
2016	48845	98.0	101.4	101.9	98.2	99.0	100.1
2017	41090	98.3	101.3	101.7	98.7	99.1	100.1
2018	37532	98.5	100.8	101.4	99.6	99.4	99.9
2019	32605	98.8	100.6	101.2	100.2	99.6	99.7
2020	32386	99.1	100.5	101.0	100.6	99.6	99.5
2021	28715	99.3	100.2	100.8	100.8	99.9	99.6
2022	22587	99.3	100.1	100.8	101.0	99.8	99.7
2023	20141	99.6	99.7	100.6	101.4	99.9	99.6
2024	3160	99.8	99.6	100.4	101.5	100.0	99.6

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	22	103.8	110.4	95.2	103.0	106.4	98.4	102.6	98.9	109.0	99.4	101.8
1981	39	104.5	108.8	96.1	103.1	106.7	98.2	104.2	97.6	108.2	99.3	103.2
1982	54	104.0	108.2	96.6	102.3	106.2	97.4	103.7	98.1	107.7	98.7	102.6
1983	70	104.1	107.7	97.1	102.5	105.7	97.9	103.8	98.1	107.3	98.8	103.2
1984	169	103.8	106.7	97.5	102.1	105.1	97.6	103.8	98.0	106.5	98.6	102.7
1985	249	104.1	107.7	96.4	102.5	105.4	97.3	103.9	98.4	106.8	98.6	102.7
1986	443	104.1	106.7	96.8	102.1	105.0	97.3	104.0	98.3	106.1	98.6	102.6
1987	791	104.4	107.3	97.0	102.2	106.1	97.1	104.5	97.6	107.2	98.3	103.4
1988	1353	104.3	107.0	97.1	101.8	106.0	96.9	104.4	97.5	106.9	98.1	103.0
1989	2087	104.0	106.9	97.5	101.9	105.6	97.4	104.1	97.6	106.7	98.4	103.0
1990	3286	104.0	107.2	97.6	102.0	105.7	97.5	104.1	97.7	106.9	98.6	102.8
1991	4958	103.9	106.0	98.0	101.4	105.3	97.4	104.0	97.8	106.3	98.3	102.6
1992	7480	104.0	106.3	97.9	101.4	105.6	97.4	104.0	98.0	106.7	98.4	102.5
1993	9058	103.6	105.5	98.1	101.2	104.9	97.5	103.7	97.9	105.9	98.5	102.1
1994	11691	104.1	106.5	98.2	102.3	104.9	98.1	103.8	98.7	106.4	98.6	104.0
1995	13290	103.9	106.1	98.7	102.2	104.5	98.6	103.5	99.0	106.0	99.1	103.7
1996	17219	103.4	105.8	99.0	102.1	104.2	98.9	103.2	98.4	106.1	98.9	103.7
1997	20919	103.0	105.5	98.8	102.1	103.6	99.0	102.8	98.5	105.6	98.8	103.2
1998	27003	102.9	104.8	98.9	102.0	103.4	98.6	102.6	98.8	105.1	98.2	103.3
1999	33543	102.5	104.6	98.5	101.9	103.0	98.5	102.3	98.8	104.7	98.0	102.9
2000	37651	102.4	103.8	98.5	101.6	102.6	98.7	101.7	99.8	104.4	98.0	102.6
2001	41920	102.2	103.2	99.5	101.3	102.4	99.3	101.5	100.0	103.9	98.7	102.2
2002	47811	102.4	102.9	100.0	101.5	102.4	99.5	101.8	100.0	103.6	99.0	102.2
2003	48021	102.2	102.4	100.3	101.4	101.9	99.6	101.7	100.3	103.0	99.1	102.0
2004	49947	102.2	101.8	100.0	101.3	101.7	99.3	101.6	100.5	102.6	98.6	102.0
2005	51226	101.4	101.4	100.2	101.1	101.2	99.7	100.9	100.1	102.3	98.8	101.8
2006	51244	101.4	100.9	100.4	100.8	100.9	99.7	100.8	100.6	101.7	99.1	101.2
2007	48016	100.9	100.6	100.4	100.5	100.5	99.9	100.6	100.2	101.2	99.3	100.8
2008	50579	101.0	100.2	100.5	100.4	100.4	99.9	100.7	100.2	100.9	99.6	100.5
2009	52262	100.5	100.4	99.9	100.9	100.1	100.1	100.5	99.5	100.7	99.5	100.5
2010	48362	100.4	99.7	100.3	100.2	99.9	99.9	100.4	99.7	100.3	99.4	100.1
2011	42175	100.2	99.1	100.4	99.8	99.7	99.8	100.2	99.7	100.0	99.3	100.0
2012	36231	100.3	98.9	100.5	99.5	99.8	99.7	100.4	99.5	100.0	99.3	100.0
2013	33819	100.3	98.6	100.8	99.4	99.9	99.7	100.5	99.4	99.9	99.5	100.0
2014	30082	100.2	98.2	101.3	99.3	99.7	99.9	100.5	99.3	99.6	99.9	99.8
2015	25700	100.0	97.7	101.6	99.2	99.3	100.2	100.4	99.3	99.2	100.2	99.6
2016	22569	99.7	97.6	101.4	99.4	99.1	100.2	100.4	98.6	99.1	100.2	99.6
2017	19263	100.0	97.6	101.5	99.7	99.1	100.2	100.7	98.8	99.0	100.5	99.8
2018	17900	100.1	97.2	101.8	99.7	99.1	100.4	100.8	98.9	98.8	101.0	99.7
2019	16832	100.2	96.8	102.4	99.3	99.3	100.4	100.9	98.9	98.7	101.2	99.5
2020	16852	100.3	96.7	102.8	99.3	99.3	100.4	101.0	98.8	98.7	101.4	99.6
2021	10360	100.6	96.8	103.4	99.7	99.4	100.6	101.4	98.7	98.7	101.6	100.3
2022	166	100.6	96.7	103.8	99.8	99.3	100.6	101.6	98.6	98.6	101.7	100.4

Tabel: 31 Holstein Friesian - roodbont: Kalvervitaliteit  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	19	97.4	99.3	97.7
1981	36	97.7	99.2	98.2
1982	48	96.9	98.8	97.5
1983	64	97.2	98.8	97.7
1984	156	96.9	98.6	97.4
1985	217	97.2	98.8	97.8
1986	450	97.1	98.5	97.8
1987	794	97.1	98.4	97.8
1988	1486	97.2	98.4	97.9
1989	2319	97.2	98.4	97.8

1990	3638	97.1	98.5	97.6
1991	5692	96.7	98.2	97.7
1992	7710	96.4	98.0	97.6
1993	11239	96.6	98.2	97.8
1994	16205	97.0	98.6	97.9
1995	18712	97.0	98.7	97.6
1996	22383	96.9	98.9	97.0
1997	25519	96.8	98.7	97.0
1998	35136	96.8	98.6	97.4
1999	40356	97.2	98.8	97.9
2000	48949	97.0	98.7	98.1
2001	51102	97.2	98.7	98.2
2002	55685	97.4	98.9	98.0
2003	57212	97.5	99.0	98.0
2004	57855	97.9	99.2	98.4
2005	57820	98.1	99.1	98.7
2006	56465	98.1	99.2	98.5
2007	56600	98.2	99.1	98.4
2008	63591	97.9	98.9	98.3
2009	66647	97.9	98.6	98.6
2010	65227	97.7	98.5	98.4
2011	63397	97.9	98.7	98.5
2012	65069	98.3	98.9	98.8
2013	65926	98.6	99.0	98.9
2014	67126	98.3	98.8	98.8
2015	65526	98.5	98.9	98.9
2016	62735	98.9	99.3	99.1
2017	51968	99.4	99.7	99.5
2018	46800	99.6	99.6	99.8
2019	40522	99.8	99.8	99.9
2020	41656	99.8	99.7	99.9
2021	44941	100.0	99.7	100.0
2022	48852	99.9	99.4	100.2
2023	50253	100.1	99.4	100.2
2024	5569	100.2	99.4	100.3

Tabel: 32 Holstein Friesian - roodbont: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36340	-4389.2	-17484.0	-747.8	-629.3
2002	37168	-4279.3	-17021.1	-727.5	-614.6
2003	38877	-4122.0	-16452.3	-700.0	-592.4
2004	40717	-4007.5	-16049.6	-678.6	-576.7
2005	43597	-3798.3	-15216.7	-644.2	-546.1
2006	46117	-3549.1	-14140.6	-605.3	-508.7
2007	46141	-3389.7	-13509.3	-577.8	-486.1
2008	50294	-3203.0	-12765.0	-549.0	-457.7
2009	50842	-3037.0	-12032.6	-523.8	-432.4
2010	51683	-2864.6	-11388.9	-495.2	-407.2
2011	52154	-2622.6	-10440.8	-452.8	-373.0
2012	53827	-2378.8	-9469.2	-410.7	-338.3
2013	55809	-2176.1	-8692.1	-377.9	-308.3
2014	54868	-2010.9	-8025.3	-351.8	-283.6
2015	48567	-1761.8	-7062.4	-312.0	-246.4
2016	42905	-1467.4	-5828.1	-262.4	-204.1
2017	37794	-1280.2	-5020.1	-232.2	-176.6
2018	36097	-874.2	-3391.8	-161.6	-119.1
2019	35380	-466.8	-2027.2	-83.9	-64.1
2020	36873	-135.9	-875.7	-22.4	-18.8

2021	31755	240.7	438.1	47.9	32.7
2022	1659	345.5	919.5	63.6	48.6

Tabel: 33 Holstein Friesian - roodbont: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1981	11	97.2	84.2	102.4	90.2
1982	14	96.4	85.1	102.6	90.4
1983	24	96.5	83.7	102.1	89.1
1984	46	96.1	85.0	102.3	89.2
1985	40	97.0	85.5	102.3	90.5
1986	82	96.8	84.6	102.4	89.9
1987	103	96.5	84.6	102.4	89.2
1988	180	96.3	84.5	102.5	89.3
1989	228	96.8	85.0	102.5	90.0
1990	287	96.4	84.4	102.3	89.1
1991	417	96.5	84.4	102.6	89.1
1992	570	96.5	84.0	102.6	89.0
1993	653	96.2	83.9	102.3	88.5
1994	920	97.1	79.5	103.1	87.4
1995	1025	97.2	80.4	103.1	87.9
1996	1330	97.2	80.8	103.0	88.0
1997	1721	97.1	81.2	102.7	87.6
1998	2554	97.1	80.7	102.8	87.5
1999	3205	96.6	81.0	102.8	87.0
2000	4371	96.4	81.7	102.3	87.2
2001	5270	96.6	82.2	102.0	87.3
2002	5939	96.7	83.0	101.9	87.6
2003	6564	96.8	83.8	101.7	88.0
2004	7522	97.1	84.1	101.9	88.5
2005	8706	97.5	84.4	102.2	89.3
2006	9511	97.5	85.2	101.7	89.4
2007	9908	97.7	85.8	101.6	89.9
2008	11629	97.6	86.3	101.4	89.9
2009	14584	96.8	86.8	101.7	90.0
2010	17747	97.3	87.6	101.3	90.5
2011	18496	97.9	88.8	101.0	91.6
2012	19466	98.2	89.9	100.8	92.5
2013	20965	98.8	91.1	100.5	93.6
2014	20564	99.1	92.6	100.5	94.7
2015	18703	99.5	94.1	100.2	95.8
2016	16899	99.5	95.9	100.3	97.1
2017	14717	99.5	97.3	99.7	97.6
2018	14017	100.0	99.0	99.3	98.8
2019	13681	100.2	100.5	99.5	100.0
2020	14815	100.1	101.4	99.6	100.6
2021	14505	99.6	102.6	99.9	101.2
2022	1329	99.1	102.9	99.9	101.0

Tabel: 34 Holstein Friesian - roodbont: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	33	93.8	99.5	0	0.0	0.0	0	0.0
1981	58	93.5	99.6	0	0.0	0.0	0	0.0

1982	82	94.0	99.8	0	0.0	0.0	0	0.0
1983	102	93.7	99.3	0	0.0	0.0	0	0.0
1984	253	93.3	98.8	0	0.0	0.0	0	0.0
1985	399	92.7	98.7	353	-6.5	160.6	0	0.0
1986	679	93.1	98.6	610	-6.1	146.8	0	0.0
1987	1198	92.9	98.5	934	-5.8	128.9	0	0.0
1988	2403	93.1	98.5	1553	-5.4	115.4	0	0.0
1989	3569	93.3	98.6	2011	-5.2	108.7	0	0.0
1990	4825	93.1	98.4	2739	-5.2	106.0	0	0.0
1991	6455	93.3	98.0	3809	-5.0	103.0	0	0.0
1992	8427	93.2	98.0	5009	-5.0	101.2	0	0.0
1993	9977	93.1	97.9	5422	-4.9	100.0	0	0.0
1994	12173	92.8	98.0	6767	-4.2	76.6	0	0.0
1995	13597	93.3	98.1	7496	-4.1	76.3	0	0.0
1996	15358	93.4	97.9	8719	-3.8	71.2	0	0.0
1997	16764	93.3	97.8	10189	-3.6	63.8	0	0.0
1998	23187	93.3	98.0	14145	-3.4	59.9	0	0.0
1999	26193	93.2	97.9	16298	-3.2	57.9	0	0.0
2000	32078	93.7	98.3	20296	-3.1	57.1	0	0.0
2001	36318	94.3	98.4	22411	-2.9	52.5	22347	95.1
2002	37108	94.3	98.2	23230	-2.6	46.8	23176	95.6
2003	38825	94.4	98.2	24319	-2.4	40.8	24254	96.2
2004	40642	94.5	98.3	25903	-2.2	37.4	25827	96.6
2005	43500	94.7	98.4	27727	-2.0	37.6	27604	96.4
2006	45979	95.3	98.9	28506	-1.9	34.3	28391	96.7
2007	45980	95.5	98.9	28356	-1.8	32.9	28198	96.8
2008	50036	95.6	99.1	30410	-1.7	32.0	30174	96.8
2009	50507	95.4	99.5	31198	-1.7	25.7	30856	97.7
2010	51286	95.7	99.5	31796	-1.5	25.7	31350	97.5
2011	51721	96.1	99.6	31396	-1.3	24.1	30746	97.7
2012	53330	96.3	99.7	31600	-1.2	23.2	30771	97.7
2013	55335	96.5	99.9	31484	-1.1	21.5	30516	97.9
2014	54293	96.8	99.9	30050	-1.0	18.2	28689	98.2
2015	47995	97.1	100.1	27430	-0.8	15.4	25452	98.6
2016	42208	97.6	100.0	25251	-0.7	10.9	22552	99.1
2017	37245	98.1	100.1	22999	-0.4	5.8	19517	99.9
2018	35562	98.5	100.4	22107	-0.2	3.5	18225	100.1
2019	34824	99.1	100.5	20796	0.1	2.3	17274	100.1
2020	36372	99.7	100.8	20893	0.3	-0.5	17295	100.5
2021	32773	100.2	100.9	16335	0.8	-7.6	10631	101.7
2022	2056	100.8	101.2	9719	1.1	-6.3	187	102.5
2023	0	0.0	0.0	8551	1.4	-6.6	0	0.0
2024	0	0.0	0.0	501	1.6	-5.8	0	0.0

Tabel: 35 Holstein Friesian - roodbont: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	10	100.0	0	0.0	0	0.0	10	98.6
1981	21	99.3	3	98.0	2	94.5	21	96.5
1982	25	99.7	2	97.5	1	96.0	25	96.5
1983	35	99.7	1	98.0	0	0.0	35	95.5
1984	75	99.7	3	97.3	1	97.0	75	95.1
1985	71	99.6	3	97.7	1	97.0	71	95.1
1986	158	99.6	3	98.3	3	97.0	158	94.4
1987	205	99.5	7	97.7	6	95.5	205	94.2
1988	351	99.6	3	97.3	2	99.5	351	94.4
1989	460	99.5	10	97.1	6	95.3	460	94.2
1990	656	99.4	30	97.2	24	95.5	656	94.1
1991	930	99.1	63	97.1	59	96.5	930	93.4

1992	1280	99.2	42	96.7	42	96.4	1280	93.3
1993	1420	99.2	58	97.1	56	96.7	1420	93.3
1994	1906	98.7	261	98.8	258	95.6	1906	93.0
1995	2218	99.0	279	99.5	262	95.5	2218	93.4
1996	2706	99.0	323	99.0	269	95.8	2706	93.3
1997	3459	98.3	527	97.9	434	95.9	3459	92.3
1998	5141	98.4	824	97.9	712	97.7	5141	92.1
1999	6517	98.7	1016	98.7	907	97.5	6517	92.8
2000	9209	99.0	1574	99.9	1487	97.3	9209	93.6
2001	11186	99.6	1816	100.7	1702	97.7	11186	93.8
2002	13034	99.6	2202	100.7	2079	97.8	13034	94.0
2003	15134	99.6	2614	100.4	2479	97.8	15134	94.4
2004	17766	99.4	3072	99.9	2967	98.2	17766	94.1
2005	21595	98.9	3566	99.3	3489	97.9	21595	94.3
2006	25022	99.0	4142	99.5	4058	97.9	25021	94.6
2007	28156	99.0	4246	99.4	4137	98.1	28156	94.7
2008	35021	99.5	4936	100.0	4854	98.3	35021	95.0
2009	40342	100.0	5358	100.5	5286	98.4	40342	96.1
2010	46490	100.0	5525	100.5	5501	98.6	46490	96.0
2011	47630	99.7	5701	100.1	5696	98.6	47630	96.0
2012	48974	99.4	5935	99.6	5952	98.5	48974	96.0
2013	50541	99.2	6379	99.4	6360	98.4	50541	96.3
2014	49722	99.4	6102	99.7	6082	98.5	49722	97.0
2015	44081	99.8	4920	100.1	4914	98.7	44081	97.8
2016	38863	100.1	3854	100.5	3861	98.9	38863	98.3
2017	34198	100.1	2490	100.4	2497	99.2	34198	98.7
2018	32823	100.3	1638	100.2	1657	99.6	32823	99.0
2019	32113	100.4	1037	100.3	1060	99.8	32113	99.5
2020	32953	100.5	780	100.2	835	99.8	32953	100.2
2021	29690	100.4	436	100.3	532	99.6	29690	100.8
2022	1964	100.3	17	99.9	20	100.2	1964	101.3

Tabel: 36 Holstein Friesian - roodbont: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1983	13	99.6	98.2	100.5	99.3	99.3	98.1
1984	28	100.1	98.4	101.1	99.1	99.7	98.8
1985	21	100.0	98.7	100.8	99.4	99.5	98.2
1986	37	99.5	97.9	100.1	99.4	99.1	97.5
1987	42	100.0	98.5	100.7	99.3	99.6	98.3
1988	73	100.4	99.0	101.1	99.4	100.2	99.1
1989	90	100.7	99.5	101.1	99.6	100.5	99.1
1990	124	100.6	99.3	100.9	99.6	100.5	99.0
1991	166	100.5	99.2	100.9	99.9	99.8	98.5
1992	189	100.4	99.1	100.8	99.9	99.9	98.2
1993	208	100.3	98.9	100.8	99.7	99.8	98.4
1994	452	100.7	100.0	101.4	99.8	99.3	98.7
1995	489	100.2	99.4	100.9	99.4	99.1	98.1
1996	719	99.4	98.4	100.1	98.7	99.0	97.4
1997	988	99.3	98.1	99.9	98.8	99.1	97.8
1998	1464	99.3	98.1	99.7	98.9	98.6	97.6
1999	1958	99.7	98.4	100.2	99.4	98.7	97.7
2000	2669	99.9	99.0	100.3	99.5	98.3	97.7
2001	3186	100.0	99.3	100.4	99.4	98.7	98.1
2002	3722	99.8	98.8	100.1	99.2	98.7	98.1
2003	4220	99.8	99.1	100.0	99.1	98.8	98.4
2004	4845	99.9	99.3	99.9	99.1	98.9	98.2
2005	5490	100.3	99.5	100.1	99.7	99.4	98.3
2006	6387	101.0	100.6	100.5	100.0	99.8	99.3



2007	6484	101.2	101.0	100.7	100.0	100.0	99.6
2008	7430	101.5	101.4	101.2	100.2	100.1	100.1
2009	8048	101.8	101.8	101.3	100.5	100.2	100.2
2010	8297	101.8	101.8	101.1	100.5	100.2	100.1
2011	8504	101.6	101.5	100.7	100.5	100.1	99.9
2012	8713	101.5	101.3	100.6	100.6	99.9	99.7
2013	9285	101.4	101.2	100.5	100.6	99.9	99.8
2014	8942	101.3	100.6	100.6	100.6	99.9	99.6
2015	7297	101.0	100.2	100.4	100.4	100.0	99.5
2016	5821	100.8	99.9	100.2	100.1	100.0	99.3
2017	4052	101.0	99.9	100.3	100.4	100.4	99.8
2018	2998	100.9	99.5	100.3	100.0	100.9	100.1
2019	2224	100.8	99.2	100.4	99.8	101.4	100.3
2020	1802	100.9	99.3	100.6	99.8	101.4	100.3
2021	1322	101.0	99.3	100.7	99.8	101.6	100.5
2022	55	101.0	99.2	100.7	99.9	101.8	100.5

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	1754	-3043.1	-105.6	-111.4	-138.5	41.3	-9.3	0.8	-720.2
1981	4071	-2978.5	-101.0	-107.6	-135.5	43.8	-6.5	0.8	-694.1
1982	8272	-2937.4	-99.9	-107.4	-133.7	42.6	-8.5	0.8	-690.3
1983	16387	-2809.6	-95.5	-103.8	-127.8	40.1	-9.7	0.8	-664.7
1984	28027	-2807.3	-95.3	-102.8	-127.7	40.4	-7.9	0.8	-660.0
1985	45834	-2852.5	-95.4	-102.5	-129.8	44.0	-4.8	0.8	-659.6
1986	66427	-2842.9	-93.8	-100.5	-129.3	46.1	-2.0	0.8	-648.0
1987	86767	-2759.3	-91.8	-97.8	-125.5	43.0	-2.1	0.8	-631.3
1988	113381	-2673.2	-88.5	-94.7	-121.6	41.8	-1.9	0.8	-610.6
1989	117193	-2604.9	-84.8	-92.4	-118.5	42.5	-2.2	0.8	-592.7
1990	100543	-2538.1	-83.3	-90.1	-115.4	40.1	-2.0	0.8	-578.9
1991	79358	-2365.2	-78.2	-84.2	-107.5	35.6	-2.1	0.7	-541.5
1992	63061	-2207.7	-75.7	-79.9	-100.3	28.3	-4.0	0.7	-516.6
1993	52499	-2128.3	-73.8	-77.2	-96.7	25.7	-4.0	0.7	-500.4
1994	38978	-2011.3	-71.9	-73.9	-91.4	20.9	-5.1	0.7	-481.4
1995	34477	-1913.1	-68.1	-70.3	-86.9	20.0	-4.8	0.7	-457.4
1996	26179	-1834.5	-66.2	-67.4	-83.3	17.9	-4.5	0.7	-440.5
1997	18883	-1782.7	-63.2	-65.0	-80.9	18.8	-3.6	0.7	-423.6
1998	14403	-1716.8	-61.4	-62.9	-77.9	17.2	-3.9	0.7	-410.5
1999	11272	-1652.2	-59.0	-60.4	-75.0	16.7	-3.4	0.6	-394.1
2000	8604	-1533.4	-55.5	-57.2	-69.7	14.3	-4.6	0.4	-371.9
2001	7115	-1467.9	-53.0	-54.4	-68.0	13.8	-3.9	-1.2	-354.9
2002	5465	-1395.8	-53.0	-52.5	-65.1	9.7	-4.6	-1.8	-346.1
2003	4883	-1352.6	-50.8	-51.2	-64.1	10.0	-4.9	-3.0	-335.9
2004	4301	-1259.5	-48.5	-48.2	-59.6	7.6	-5.1	-2.8	-317.3
2005	3807	-1209.1	-47.7	-46.9	-57.0	5.7	-5.7	-2.4	-309.4
2006	3453	-1140.5	-46.1	-43.5	-53.1	3.9	-4.3	-1.3	-291.1
2007	3010	-1041.8	-45.1	-41.0	-48.6	-0.0	-5.5	-1.3	-277.5
2008	2877	-942.8	-43.7	-38.3	-44.1	-3.7	-6.3	-1.3	-262.0
2009	2452	-948.3	-42.5	-37.4	-44.2	-1.9	-5.1	-1.2	-256.1
2010	2137	-912.3	-41.7	-35.9	-42.8	-2.7	-4.7	-1.4	-247.7
2011	1793	-853.7	-39.1	-33.8	-39.4	-2.6	-4.6	-0.5	-232.5
2012	1666	-853.3	-37.0	-32.6	-39.7	0.1	-3.1	-0.9	-223.5
2013	1629	-829.9	-36.1	-31.3	-38.7	-0.1	-2.5	-1.0	-216.1
2014	1440	-786.9	-34.8	-30.1	-36.7	-0.7	-2.7	-1.0	-207.5
2015	1179	-680.8	-30.9	-26.7	-31.7	-1.4	-3.1	-0.7	-184.0
2016	868	-633.7	-26.5	-24.0	-29.8	1.7	-1.6	-1.2	-162.8
2017	665	-605.5	-26.3	-22.0	-28.7	0.5	-0.5	-1.3	-154.0
2018	579	-502.1	-20.5	-17.6	-23.5	2.2	0.5	-0.7	-122.6

2019	472	-513.6	-19.9	-16.7	-24.0	3.4	2.0	-0.7	-117.6
2020	463	-424.7	-13.7	-12.9	-20.1	6.0	2.8	-0.9	-87.9
2021	347	-356.6	-10.7	-10.5	-16.9	6.0	2.7	-0.7	-70.8
2022	22	-443.7	-9.9	-14.0	-20.6	10.9	1.8	-0.4	-84.4

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	2553	82.7	93.4	84.6	79.9	105.2	96.1	93.2
1981	5867	83.4	94.1	85.4	79.9	106.0	95.7	93.3
1982	12657	83.3	94.5	85.9	80.8	105.8	95.6	93.9
1983	22990	83.7	94.6	86.2	81.5	105.1	95.3	93.8
1984	31814	84.0	94.7	86.9	82.1	104.7	95.3	93.9
1985	43340	84.0	94.8	87.2	82.3	104.7	95.2	93.9
1986	54442	84.1	95.1	87.4	82.7	104.7	94.9	93.7
1987	60323	85.0	95.0	88.1	83.2	104.0	95.2	94.6
1988	64670	85.2	95.2	89.2	84.0	103.5	95.2	95.4
1989	59831	85.7	95.4	89.6	84.5	103.1	95.7	95.4
1990	50373	85.9	95.2	89.7	84.8	102.8	96.1	95.3
1991	40580	86.6	95.8	90.1	85.8	102.6	96.1	94.9
1992	32900	87.0	96.0	90.4	86.3	102.2	96.3	95.0
1993	25539	87.1	95.8	90.3	86.3	102.0	96.2	95.1
1994	17883	87.2	95.1	90.5	86.9	101.2	96.7	95.6
1995	15440	87.4	94.9	90.5	87.4	100.8	96.5	94.9
1996	11236	87.8	95.1	90.8	87.9	100.6	96.7	94.8
1997	8043	88.4	95.0	91.1	88.4	100.3	96.9	94.8
1998	6000	88.8	95.2	91.7	89.1	100.1	96.6	94.8
1999	4688	89.2	95.2	91.9	89.6	99.8	97.4	95.0
2000	3576	89.9	95.1	92.5	90.3	99.3	97.9	95.5
2001	2886	90.4	94.8	92.6	91.1	99.0	97.9	95.6
2002	2303	90.6	94.5	92.6	91.1	98.6	98.2	95.6
2003	1986	91.0	95.3	93.3	91.7	98.5	98.3	95.6
2004	1777	91.5	95.0	93.6	92.0	98.2	98.8	95.7
2005	1599	92.0	95.4	93.8	92.2	98.4	99.1	96.3
2006	1346	92.7	96.2	94.2	92.1	99.1	99.1	97.0
2007	1061	92.9	95.9	94.6	92.7	98.6	99.2	96.9
2008	1012	93.6	96.4	95.2	93.2	98.8	99.6	97.6
2009	885	93.3	96.4	94.9	92.3	99.4	99.1	97.4
2010	723	93.7	96.4	94.8	93.0	99.5	99.3	97.7
2011	544	93.9	96.9	95.5	94.0	99.9	99.0	97.7
2012	433	94.3	97.6	96.0	94.5	100.4	99.2	97.5
2013	429	94.9	97.8	96.1	94.5	100.4	99.4	98.0
2014	351	95.3	97.8	96.2	94.7	100.4	99.8	97.6
2015	310	95.3	98.0	96.5	95.1	100.3	99.4	98.4
2016	224	95.2	98.1	96.5	95.0	100.7	99.7	98.2
2017	170	96.3	98.2	97.2	95.9	100.9	99.5	98.9
2018	119	96.8	98.0	97.1	96.4	100.6	100.8	98.5
2019	106	97.0	98.4	97.1	96.4	101.1	100.4	98.6
2020	71	96.5	98.7	97.1	96.0	101.7	100.6	99.3
2021	52	97.2	98.4	97.4	96.6	100.8	100.8	99.6

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

Jaar	Aantal	BA	BZ	KH	VB	BG
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1980	2553	89.1	102.5	96.8	91.0	84.9
1981	5867	90.3	102.3	96.8	91.7	86.2
1982	12657	90.1	102.9	96.6	92.1	85.8
1983	22990	90.4	103.1	96.7	92.6	86.2
1984	31814	90.4	103.0	96.5	92.9	86.4
1985	43340	90.6	102.5	96.7	93.2	86.7
1986	54442	90.9	102.3	96.7	93.4	86.9
1987	60323	91.2	102.6	96.7	93.2	87.2
1988	64670	91.3	103.2	96.1	93.5	87.2
1989	59831	91.4	103.4	96.2	94.1	87.5
1990	50373	91.5	103.3	96.1	94.0	87.7
1991	40580	91.3	103.5	95.7	94.2	88.1
1992	32900	91.4	103.6	95.5	94.2	88.6
1993	25539	91.9	103.4	95.7	94.2	89.0
1994	17883	92.0	103.1	95.9	93.6	89.1
1995	15440	92.1	103.2	96.1	93.5	89.8
1996	11236	92.1	103.5	95.7	93.6	89.9
1997	8043	92.2	103.4	95.6	93.7	90.4
1998	6000	92.1	103.8	95.5	93.6	90.5
1999	4688	92.4	104.1	95.3	93.3	90.5
2000	3576	92.8	103.8	95.4	93.4	91.1
2001	2886	92.8	103.4	95.6	93.5	91.3
2002	2303	92.7	103.2	95.8	93.2	91.4
2003	1986	93.0	104.0	95.1	94.0	91.7
2004	1777	93.2	103.8	96.2	94.7	91.9
2005	1599	93.6	103.7	96.3	93.9	92.3
2006	1346	93.4	103.4	96.7	94.3	92.1
2007	1061	94.0	103.0	97.3	92.9	92.5
2008	1012	94.2	102.8	97.4	93.7	92.8
2009	885	94.4	103.2	97.3	93.1	93.0
2010	723	94.3	102.6	97.8	94.8	93.3
2011	544	94.7	102.9	97.6	95.3	93.2
2012	433	95.0	102.7	97.7	95.9	93.6
2013	429	95.6	102.7	98.0	95.3	94.0
2014	351	96.2	102.8	97.6	95.6	94.5
2015	310	96.3	102.8	98.2	96.3	95.1
2016	224	96.7	102.7	98.2	96.6	95.7
2017	170	98.4	102.2	99.1	97.5	97.1
2018	119	97.9	102.2	99.1	97.6	96.9
2019	106	98.0	101.3	99.5	97.5	97.1
2020	71	98.5	101.2	99.4	98.1	97.9
2021	52	99.0	101.7	99.0	98.6	98.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1980	2553	88.2	85.8	101.0	90.5	82.8	88.4	87.3	89.9
1981	5867	88.5	85.7	100.9	90.5	82.9	88.8	87.4	89.7
1982	12657	88.0	85.8	100.8	90.1	82.7	88.5	87.5	89.5
1983	22990	87.9	86.4	100.8	90.0	83.1	89.1	87.9	89.7
1984	31814	87.9	86.2	100.7	89.7	83.8	89.3	88.1	89.8
1985	43340	88.2	86.0	100.6	90.0	84.4	89.3	87.9	90.0
1986	54442	88.2	86.0	100.7	89.9	84.6	89.5	87.9	90.1
1987	60323	88.3	86.9	100.5	89.8	85.1	90.2	88.7	89.9
1988	64670	88.3	87.8	100.4	89.2	85.2	90.6	89.4	89.7
1989	59831	88.6	88.4	100.5	89.4	85.3	90.9	89.7	89.9
1990	50373	88.7	88.7	100.2	89.5	85.3	91.4	90.3	90.0
1991	40580	88.8	88.6	100.9	89.7	86.3	91.6	90.4	91.1

1992	32900	88.9	88.8	101.4	89.7	87.0	92.2	90.9	92.0
1993	25539	88.5	88.9	101.3	89.7	87.3	92.6	91.3	92.8
1994	17883	88.4	89.2	101.2	89.5	87.3	92.4	91.7	93.0
1995	15440	88.7	89.6	101.8	89.7	87.8	92.7	92.1	93.5
1996	11236	89.1	89.8	101.6	90.0	88.1	93.1	92.3	93.7
1997	8043	89.6	89.9	101.5	90.4	88.6	93.5	92.7	94.1
1998	6000	90.0	90.4	101.2	90.6	88.6	93.6	93.0	94.2
1999	4688	90.3	90.8	101.2	90.7	89.0	93.7	93.4	94.3
2000	3576	90.3	91.1	100.8	90.8	89.6	93.9	93.7	95.0
2001	2886	90.5	91.7	101.5	91.1	90.2	93.9	94.0	95.8
2002	2303	90.9	92.5	101.6	91.2	90.3	93.9	94.2	95.8
2003	1986	91.4	92.7	101.4	91.5	90.7	94.6	94.8	96.1
2004	1777	91.7	92.9	101.5	91.7	91.5	95.2	95.5	97.1
2005	1599	91.9	93.4	101.3	92.0	91.7	95.6	96.1	97.3
2006	1346	92.6	94.1	101.3	92.7	91.9	95.8	96.4	96.5
2007	1061	92.9	94.5	101.2	93.0	92.3	95.9	96.6	96.6
2008	1012	92.8	94.9	101.1	93.0	92.4	96.3	97.0	96.7
2009	885	93.0	94.4	100.9	93.4	92.4	96.3	96.6	96.9
2010	723	92.9	94.7	100.6	93.3	92.4	96.3	96.8	96.3
2011	544	93.7	95.5	100.4	94.4	92.9	96.7	97.2	96.9
2012	433	94.4	96.0	100.2	95.0	93.1	96.8	97.4	96.8
2013	429	94.5	96.2	100.5	95.1	93.5	97.0	97.8	97.0
2014	351	94.8	96.2	100.8	95.4	94.2	97.1	97.8	97.4
2015	310	95.1	96.8	100.8	95.7	94.5	97.6	98.4	97.9
2016	224	95.6	96.9	100.2	95.9	94.4	97.3	98.2	97.6
2017	170	95.9	96.8	100.4	96.5	95.2	97.4	97.9	98.0
2018	119	96.7	97.8	100.4	97.1	96.1	98.2	98.7	98.4
2019	106	97.7	97.5	100.4	97.9	96.4	98.2	98.6	98.4
2020	71	97.3	97.3	100.9	97.5	96.4	98.2	98.5	98.8
2021	52	98.0	96.8	100.3	98.5	96.5	97.2	97.5	98.6

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2553	81.7	85.2	82.5	84.9	0.0	75.0
1981	5867	82.1	86.1	82.8	86.2	0.0	76.1
1982	12657	82.6	86.8	82.3	85.7	0.0	75.9
1983	22990	82.7	86.8	82.7	86.1	0.0	76.3
1984	31814	83.3	87.1	83.0	86.2	0.0	76.8
1985	43340	83.3	87.3	83.5	86.6	0.0	77.2
1986	54442	83.4	87.6	83.6	86.9	0.0	77.5
1987	60323	84.4	87.8	84.1	87.1	0.0	78.3
1988	64670	85.4	88.6	84.2	87.0	0.0	78.7
1989	59831	86.0	88.8	84.6	87.3	0.0	79.2
1990	50373	86.4	88.8	84.7	87.4	0.0	79.5
1991	40580	86.6	89.4	85.3	87.6	0.0	80.1
1992	32900	87.1	89.7	85.8	88.0	0.0	80.7
1993	25539	87.2	89.5	85.9	88.4	0.0	81.0
1994	17883	87.8	89.4	85.7	88.6	0.0	81.1
1995	15440	87.8	89.3	86.1	89.2	0.0	81.6
1996	11236	88.2	89.6	86.6	89.2	0.0	82.1
1997	8043	88.9	89.8	87.2	89.6	0.0	82.8
1998	6000	89.3	90.4	87.4	89.6	0.0	83.2
1999	4688	90.1	90.6	87.8	89.6	0.0	83.6
2000	3576	91.3	91.1	88.1	90.2	0.0	84.6
2001	2886	91.7	91.3	88.5	90.4	0.0	85.1
2002	2303	92.1	91.0	88.8	90.6	0.0	85.4
2003	1986	92.7	91.7	89.3	90.7	0.0	86.0
2004	1777	93.2	91.7	89.9	91.1	0.0	86.6

2005	1599	94.0	92.3	90.2	91.5	0.0	87.4
2006	1346	94.9	93.1	90.8	91.5	0.0	88.0
2007	1061	95.1	93.1	91.1	92.0	0.0	88.6
2008	1012	96.2	94.0	91.2	92.3	0.0	89.2
2009	885	95.6	93.7	91.4	92.5	0.0	89.2
2010	723	95.9	94.2	91.3	92.8	0.0	89.5
2011	544	96.2	95.3	92.2	92.8	0.0	90.2
2012	433	96.7	96.1	92.7	93.1	0.0	91.0
2013	429	97.3	96.3	93.0	93.6	0.0	91.5
2014	351	97.4	96.3	93.4	94.1	0.0	92.1
2015	310	97.7	96.9	93.8	94.7	0.0	92.8
2016	224	97.8	97.0	94.0	95.4	0.0	93.2
2017	170	98.9	97.9	94.7	96.8	0.0	94.9
2018	119	98.8	97.9	95.7	96.6	0.0	95.3
2019	106	98.9	98.2	96.6	96.9	0.0	95.9
2020	71	98.9	98.4	96.2	97.7	0.0	96.2
2021	52	99.2	98.4	96.8	97.9	0.0	96.7

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	3794	104.5	101.6	100.8	101.7	100.3	99.4	82.0	101.3	100.6
1981	8782	103.6	101.8	100.3	101.5	99.5	98.8	82.7	101.2	100.1
1982	20039	103.6	101.5	100.2	101.2	99.5	98.6	82.5	100.9	99.9
1983	36796	103.4	101.2	100.0	100.9	99.3	98.6	83.3	100.6	99.7
1984	53434	103.3	101.1	100.0	100.8	99.2	98.6	83.8	100.6	99.6
1985	75247	103.3	101.0	99.9	100.8	99.1	98.3	83.6	100.5	99.5
1986	101414	103.2	100.8	99.7	100.5	98.9	97.8	83.7	100.2	99.2
1987	124063	103.2	100.7	99.5	100.4	98.8	98.9	84.7	100.1	99.3
1988	141452	103.0	100.0	99.1	99.8	98.5	99.0	85.2	99.5	98.9
1989	140247	102.6	99.6	98.7	99.3	98.0	98.1	86.3	99.0	98.3
1990	122561	102.3	99.6	98.7	99.3	97.9	97.9	86.8	99.0	98.2
1991	100069	102.1	99.2	98.2	98.9	97.6	98.2	87.2	98.5	97.9
1992	79229	101.9	99.1	98.1	98.7	97.5	98.6	87.6	98.3	97.9
1993	65202	102.1	98.7	98.1	98.5	97.7	98.9	87.8	98.2	98.0
1994	49720	101.9	98.5	98.1	98.2	97.6	98.6	88.1	98.0	97.8
1995	41929	101.7	98.0	97.6	97.6	97.3	98.3	88.2	97.5	97.4
1996	32206	101.3	98.0	97.5	97.5	97.1	98.4	88.7	97.4	97.3
1997	23027	101.1	97.9	97.3	97.4	96.9	97.9	88.8	97.2	97.0
1998	17377	100.7	97.8	96.9	97.0	96.4	97.9	89.5	96.9	96.6
1999	13126	100.4	97.4	96.6	96.6	96.1	98.0	89.6	96.5	96.4
2000	9942	100.1	97.4	96.3	96.4	95.8	97.8	90.2	96.4	96.1
2001	8222	100.2	97.1	96.4	96.2	95.9	97.6	90.4	96.3	96.1
2002	6385	99.9	97.5	96.3	96.4	95.8	97.8	90.6	96.5	96.2
2003	5718	99.8	97.3	96.3	96.3	95.9	98.4	90.6	96.3	96.2
2004	4955	99.8	96.8	96.0	95.9	95.8	98.6	90.8	95.9	96.1
2005	4370	99.6	96.9	96.1	96.0	95.7	97.8	91.5	96.0	95.9
2006	3905	99.0	97.2	95.4	95.7	95.0	96.2	91.1	95.7	95.1
2007	3449	99.4	97.0	95.7	95.8	95.3	96.9	91.3	95.8	95.4
2008	3367	99.3	96.7	95.4	95.5	95.2	96.7	91.5	95.5	95.2
2009	2921	99.5	97.3	96.2	96.3	95.9	97.5	92.3	96.2	96.0
2010	2522	99.7	97.2	96.2	96.2	96.1	97.7	92.2	96.2	96.1
2011	2138	99.7	97.6	96.6	96.7	96.3	97.5	92.3	96.6	96.4
2012	1961	99.6	98.3	97.1	97.4	96.8	97.4	92.1	97.3	96.8
2013	1886	99.6	98.4	97.3	97.6	97.0	97.4	92.4	97.5	97.1
2014	1712	100.0	98.7	97.6	97.9	97.4	98.1	93.5	97.8	97.5
2015	1407	99.8	98.7	97.7	98.0	97.5	98.1	93.7	97.9	97.6
2016	1075	100.1	99.3	98.4	98.7	98.2	98.0	93.9	98.6	98.2
2017	788	100.3	99.3	98.7	98.9	98.6	98.1	94.1	98.9	98.4

2018	688	100.5	99.5	99.1	99.3	99.0	98.2	94.3	99.2	98.8
2019	576	100.5	99.9	99.5	99.7	99.3	98.3	94.4	99.6	99.1
2020	576	100.8	99.8	99.7	99.8	99.6	98.3	94.7	99.7	99.3
2021	381	100.3	100.1	99.6	99.9	99.4	98.2	95.1	99.8	99.2
2022	104	100.2	100.0	99.6	99.8	99.2	98.1	94.9	99.7	99.1

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1156	97.8	94.1	94.9	99.0	104.6
1981	2601	97.4	93.5	94.7	98.8	104.3
1982	5127	97.7	93.6	94.5	98.7	104.0
1983	9534	98.1	93.4	94.3	98.4	103.6
1984	13869	98.1	93.2	94.0	98.0	103.1
1985	19731	98.2	93.0	93.9	97.8	103.0
1986	26190	98.4	92.9	93.7	97.6	102.7
1987	32179	98.4	93.4	93.5	97.4	102.2
1988	36302	98.1	93.7	93.4	97.1	101.9
1989	37594	98.8	93.8	93.0	96.3	101.2
1990	34633	98.8	93.8	92.8	95.9	100.9
1991	33112	98.5	92.7	92.5	95.2	100.3
1992	32552	98.0	93.0	92.4	95.0	99.9
1993	25170	97.9	93.4	92.7	95.2	99.9
1994	17507	98.0	94.1	92.7	95.2	99.8
1995	15034	98.4	93.7	92.6	94.8	99.4
1996	10788	98.6	93.7	92.7	95.0	99.3
1997	7741	98.3	93.6	93.0	95.1	99.0
1998	5663	98.2	93.6	92.8	94.6	98.5
1999	4369	98.3	94.1	92.9	94.7	98.6
2000	3331	98.4	94.5	92.9	94.5	98.3
2001	2684	98.7	95.1	92.8	94.2	97.8
2002	2144	99.0	95.2	92.6	93.8	96.8
2003	1855	99.0	95.6	92.7	94.0	97.0
2004	1643	98.5	95.1	93.0	94.2	97.5
2005	1458	98.6	95.8	93.1	93.9	97.1
2006	1246	98.6	96.5	93.5	94.4	97.4
2007	965	99.1	97.1	93.6	94.2	97.5
2008	932	99.1	97.6	93.7	94.4	97.3
2009	797	99.1	97.1	94.0	94.4	97.3
2010	656	99.1	97.4	94.2	94.6	97.5
2011	550	99.3	97.7	94.6	94.7	97.4
2012	453	99.1	97.7	95.1	95.9	98.2
2013	432	99.4	97.9	95.2	95.3	97.7
2014	363	99.2	97.6	96.0	96.1	98.5
2015	301	98.9	98.1	96.7	96.8	98.8
2016	240	99.1	98.1	96.9	97.1	99.1
2017	182	99.0	98.4	97.6	97.9	99.7
2018	118	99.2	98.6	97.9	98.1	99.9
2019	107	98.8	98.7	98.2	98.5	100.0
2020	88	98.9	99.1	98.5	98.7	100.2
2021	35	98.5	99.5	98.8	98.8	100.4

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
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1980	1754	-358.2	-720.2	-454.7	102.4	100.6	82.5	84.9	96.5	37.0
1981	4071	-355.2	-694.1	-494.8	102.1	100.1	82.8	86.2	96.3	0.0
1982	8272	-359.6	-690.3	-509.6	102.0	99.9	82.3	85.7	96.3	0.0
1983	16387	-355.8	-664.7	-545.8	101.5	99.7	82.7	86.1	96.5	0.0
1984	28027	-365.1	-660.0	-658.6	101.0	99.6	83.0	86.2	96.4	0.0
1985	45834	-311.3	-659.6	-725.3	100.9	99.5	83.5	86.6	96.1	168.5
1986	66427	-316.9	-648.0	-772.6	100.6	99.2	83.6	86.9	95.6	155.9
1987	86767	-319.5	-631.3	-807.4	100.2	99.3	84.1	87.1	95.5	136.2
1988	113381	-322.3	-610.6	-829.5	99.8	98.9	84.2	87.0	95.6	116.9
1989	117193	-324.8	-592.7	-834.1	99.0	98.3	84.6	87.3	95.4	108.9
1990	100543	-321.4	-578.9	-822.8	98.6	98.2	84.7	87.4	95.3	107.5
1991	79358	-311.6	-541.5	-778.0	97.9	97.9	85.3	87.6	95.5	101.6
1992	63061	-302.2	-516.6	-737.3	97.5	97.9	85.8	88.0	95.8	98.2
1993	52499	-294.6	-500.4	-722.6	97.6	98.0	85.9	88.4	96.1	97.8
1994	38978	-285.1	-481.4	-694.1	97.6	97.8	85.7	88.6	96.3	101.2
1995	34477	-274.9	-457.4	-634.9	97.2	97.4	86.1	89.2	96.2	103.2
1996	26179	-266.5	-440.5	-604.5	97.2	97.3	86.6	89.2	96.3	100.7
1997	18883	-260.1	-423.6	-587.2	97.0	97.0	87.2	89.6	96.3	100.3
1998	14403	-261.9	-410.5	-590.1	96.5	96.6	87.4	89.6	96.0	98.0
1999	11272	-257.6	-394.1	-576.7	96.6	96.4	87.8	89.6	95.8	96.6
2000	8604	-247.9	-371.9	-544.6	96.3	96.1	88.1	90.2	96.0	93.7
2001	7115	-241.4	-354.9	-519.5	95.8	96.1	88.5	90.4	96.1	92.5
2002	5465	-238.4	-346.1	-503.2	95.0	96.2	88.8	90.6	96.3	94.0
2003	4883	-233.9	-335.9	-501.6	95.2	96.2	89.3	90.7	96.3	88.4
2004	4301	-222.4	-317.3	-473.2	95.6	96.1	89.9	91.1	96.4	87.9
2005	3807	-221.5	-309.4	-464.7	95.2	95.9	90.2	91.5	96.5	82.3
2006	3453	-217.2	-291.1	-439.2	95.7	95.1	90.8	91.5	96.5	71.9
2007	3010	-206.1	-277.5	-411.2	95.6	95.4	91.1	92.0	96.4	71.2
2008	2877	-200.9	-262.0	-389.8	95.6	95.2	91.2	92.3	96.4	63.5
2009	2452	-192.6	-256.1	-372.7	95.6	96.0	91.4	92.5	96.5	64.1
2010	2137	-186.0	-247.7	-356.5	95.8	96.1	91.3	92.8	96.5	60.2
2011	1793	-177.4	-232.5	-327.3	95.8	96.4	92.2	92.8	96.6	54.4
2012	1666	-161.9	-223.5	-308.3	96.8	96.8	92.7	93.1	96.9	46.5
2013	1629	-157.7	-216.1	-288.8	96.3	97.1	93.0	93.6	97.2	43.8
2014	1440	-141.1	-207.5	-257.7	97.2	97.5	93.4	94.1	97.6	41.8
2015	1179	-127.8	-184.0	-235.4	97.7	97.6	93.8	94.7	97.7	36.8
2016	868	-110.3	-162.8	-202.9	98.0	98.2	94.0	95.4	98.0	33.2
2017	665	-96.9	-154.0	-169.8	98.8	98.4	94.7	96.8	98.3	22.7
2018	579	-76.5	-122.6	-129.9	99.0	98.8	95.7	96.6	98.7	20.7
2019	472	-66.9	-117.6	-112.3	99.3	99.1	96.6	96.9	99.0	20.8
2020	463	-47.8	-87.9	-78.1	99.5	99.3	96.2	97.7	99.3	20.2
2021	347	-34.6	-70.8	-41.7	99.7	99.2	96.8	97.9	99.3	17.0
2022	22	-45.1	-84.4	-30.3	99.1	99.1	0.0	0.0	99.6	1.6

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	61	95.1	95.4	99.7	100.1	92.2	96.1	93.7
1981	128	95.4	95.3	100.2	100.6	92.1	96.6	93.2
1982	310	95.4	95.0	100.6	100.9	92.1	97.0	92.3
1983	1139	95.6	95.5	99.8	100.5	93.9	98.1	93.3
1984	1551	95.6	95.2	99.9	100.6	93.5	97.8	93.3
1985	2205	96.0	95.9	99.9	100.4	94.5	98.3	93.6
1986	3752	96.0	96.1	99.7	100.2	94.7	98.4	93.9
1987	7559	94.9	94.8	99.7	99.0	93.2	97.6	93.5
1988	12989	94.8	94.4	100.1	99.7	91.9	97.3	92.8
1989	15239	95.5	94.6	100.8	100.8	91.7	97.8	92.6
1990	15584	95.9	94.6	101.2	101.4	91.9	97.8	92.5

1991	13908	96.6	94.8	101.6	101.9	92.5	97.7	93.2
1992	11606	96.8	95.0	101.7	101.8	92.5	97.7	93.6
1993	10560	95.9	94.7	101.0	100.8	92.1	97.3	93.6
1994	7326	96.0	94.8	101.3	100.5	92.4	97.4	93.2
1995	9618	96.1	95.4	101.2	100.1	93.3	97.1	93.2
1996	5563	96.1	95.8	101.0	100.0	93.5	96.8	93.4
1997	5178	95.9	95.8	100.9	99.8	93.3	96.5	93.3
1998	4397	95.7	95.8	100.9	99.8	93.2	96.2	92.8
1999	3589	95.2	95.4	100.7	99.6	92.2	96.0	92.5
2000	2748	95.9	96.5	100.7	99.5	93.1	96.5	93.1
2001	2250	96.0	96.6	100.7	99.3	93.2	96.7	93.3
2002	1881	95.9	96.8	100.4	99.2	93.2	96.6	93.6
2003	1640	95.6	96.5	100.1	99.1	93.0	96.2	93.8
2004	1480	95.4	96.3	99.9	99.4	93.6	96.0	93.7
2005	1310	95.5	96.3	99.7	99.3	93.9	96.3	94.0
2006	1143	95.4	96.6	99.5	98.9	94.0	96.5	94.2
2007	1018	95.6	97.2	99.1	98.8	94.6	96.6	94.5
2008	971	95.7	97.3	99.1	99.2	94.6	96.5	94.5
2009	884	96.0	97.3	99.3	99.3	95.0	96.6	95.1
2010	710	95.9	97.3	99.0	99.0	95.3	96.6	95.3
2011	569	96.4	97.7	99.0	99.0	96.3	97.1	95.8
2012	496	96.6	97.6	99.0	99.4	96.5	97.2	96.1
2013	452	96.8	97.8	99.0	99.5	96.6	97.6	96.3
2014	414	97.2	98.1	99.2	99.9	96.8	98.0	96.5
2015	338	97.1	98.0	98.9	99.6	97.0	98.0	96.9
2016	261	97.5	97.9	99.3	99.9	97.3	98.4	97.0
2017	196	98.3	98.4	99.7	100.4	97.7	99.3	97.4
2018	144	98.2	98.3	99.7	100.1	97.8	99.1	97.5
2019	119	98.7	98.8	99.9	100.2	98.1	99.5	98.1
2020	84	99.4	98.7	100.5	100.8	98.3	100.3	98.4
2021	50	99.4	98.5	100.6	100.9	98.2	100.1	98.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1292	96.1	98.9	96.1	98.9	93.5	99.5
1981	3281	96.1	99.0	96.1	99.0	93.5	99.5
1982	6906	96.0	99.0	96.0	99.0	93.6	99.2
1983	13544	96.3	99.1	96.3	99.1	93.8	99.4
1984	21124	96.3	98.9	96.3	98.9	93.9	99.1
1985	31106	96.1	98.7	96.1	98.7	93.6	98.9
1986	43879	95.8	98.4	95.8	98.4	93.5	98.6
1987	56995	95.5	98.3	95.5	98.3	93.5	98.8
1988	70230	95.5	98.4	95.5	98.4	93.7	98.9
1989	76305	95.6	98.2	95.6	98.2	94.0	98.7
1990	77243	95.8	98.1	95.8	98.1	94.2	98.5
1991	73292	96.2	98.2	96.2	98.2	94.5	98.6
1992	60990	96.4	98.2	96.4	98.2	94.8	98.7
1993	59349	96.8	98.3	96.8	98.3	95.0	99.0
1994	54918	97.3	98.2	97.3	98.2	95.4	98.9
1995	44307	97.8	97.7	97.8	97.7	95.7	98.2
1996	33724	97.9	97.8	97.9	97.8	96.0	98.4
1997	24562	97.9	97.6	97.9	97.6	95.9	98.2
1998	18271	98.1	97.2	98.1	97.2	96.2	97.6
1999	14003	98.0	97.0	98.0	97.0	96.0	97.4
2000	10340	98.0	97.3	98.0	97.3	96.1	97.6
2001	7995	98.4	97.3	98.4	97.3	96.5	97.9
2002	6325	98.9	97.1	98.9	97.1	97.4	97.8
2003	5420	98.9	97.1	98.9	97.1	97.5	97.5



2004	4608	99.2	97.0	99.2	97.0	97.8	97.4
2005	3972	99.1	97.2	99.1	97.2	97.5	97.5
2006	3388	99.5	97.0	99.5	97.0	97.7	97.4
2007	2872	99.3	96.8	99.3	96.8	97.7	97.4
2008	2811	98.9	97.2	98.9	97.2	98.0	98.0
2009	2509	99.0	97.3	99.0	97.3	98.4	98.0
2010	2139	99.0	97.2	99.0	97.2	98.6	97.8
2011	1824	99.4	97.1	99.4	97.1	99.2	97.3
2012	1696	99.7	97.2	99.7	97.2	99.6	97.3
2013	1653	99.6	97.5	99.6	97.5	99.6	97.6
2014	1480	100.2	97.6	100.2	97.6	100.0	97.8
2015	1246	100.2	97.6	100.2	97.6	99.9	97.7
2016	999	100.4	97.8	100.4	97.8	99.9	98.1
2017	771	100.4	98.0	100.4	98.0	99.8	98.4
2018	660	100.6	98.5	100.6	98.5	100.1	98.8
2019	529	100.6	98.8	100.6	98.8	100.2	99.1
2020	498	100.7	99.2	100.7	99.2	100.3	99.4
2021	327	100.6	99.2	100.6	99.2	99.8	99.4
2022	189	100.6	99.4	100.6	99.4	99.6	100.0
2023	167	100.1	99.7	100.1	99.7	99.1	100.1
2024	15	100.5	99.1	100.5	99.1	99.7	99.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1398	95.4	106.2	103.1	95.7	97.0	97.4
1981	3179	95.4	106.1	103.0	94.6	96.7	98.1
1982	6550	94.6	106.5	103.8	94.1	96.9	99.2
1983	15743	94.9	106.1	103.6	94.9	97.3	98.9
1984	23253	94.8	106.0	103.5	94.5	97.2	98.9
1985	32084	95.1	105.8	103.0	94.1	96.9	98.3
1986	45139	94.9	105.8	103.1	93.8	96.4	97.9
1987	53144	95.2	105.1	102.8	94.0	96.6	98.0
1988	57920	95.4	105.0	102.7	94.4	96.2	97.6
1989	53713	95.1	104.7	102.9	93.8	95.9	97.7
1990	46305	95.0	104.3	102.9	93.3	95.9	98.0
1991	41069	95.5	103.6	102.5	93.4	95.9	98.0
1992	32875	95.8	103.2	102.3	93.8	96.1	98.1
1993	25440	95.8	103.5	102.4	94.1	96.2	98.1
1994	18203	95.7	103.9	102.7	94.8	96.2	97.8
1995	16201	95.2	103.9	103.4	94.7	95.7	97.6
1996	12100	95.2	103.6	103.3	94.8	95.9	97.7
1997	8651	95.0	103.6	103.4	95.2	95.5	97.0
1998	6309	94.7	103.6	103.7	95.2	95.5	96.8
1999	4922	94.6	103.9	104.1	95.5	95.4	96.9
2000	3865	94.3	104.2	104.4	96.1	95.2	96.7
2001	3240	93.7	104.2	104.7	96.1	96.0	96.4
2002	2709	94.0	103.9	104.3	96.1	96.0	95.9
2003	2443	94.1	103.9	104.1	96.2	96.1	95.8
2004	2268	93.6	103.5	104.7	96.6	96.0	96.0
2005	2220	93.2	103.4	105.2	97.3	96.3	95.7
2006	1933	93.4	103.4	104.9	97.5	96.4	95.9
2007	1832	93.5	103.2	104.9	97.9	96.2	95.8
2008	1797	93.4	102.9	105.0	98.3	96.3	95.9
2009	1618	93.6	102.7	104.9	98.4	96.4	96.0
2010	1369	93.3	103.1	105.1	98.3	96.7	95.8
2011	1133	93.9	102.6	104.5	98.7	96.8	95.6
2012	1017	94.3	102.4	104.2	98.9	97.1	95.5
2013	981	94.4	102.5	104.1	99.1	97.6	95.7

2014	859	94.8	102.2	104.0	99.3	97.4	95.8
2015	697	95.0	102.1	103.8	99.3	97.3	95.8
2016	539	95.1	102.2	103.8	99.4	97.5	95.8
2017	450	95.6	101.9	103.4	99.6	97.6	96.2
2018	345	95.6	101.8	103.4	100.0	98.2	96.5
2019	254	95.8	101.3	103.3	100.0	98.1	96.3
2020	215	96.4	101.0	102.9	99.9	98.3	96.9
2021	127	96.6	101.6	102.6	100.1	98.7	96.7
2022	84	98.1	100.9	101.7	99.9	98.0	97.5
2023	64	98.5	101.1	101.4	99.3	97.9	97.7
2024	10	100.0	98.8	100.0	99.7	96.3	96.3

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	1467	104.8	113.3	93.0	101.2	110.8	95.9	103.6	97.4	111.7	97.0	102.8
1981	3367	104.9	113.6	93.0	101.6	111.0	95.7	103.9	97.2	111.7	96.7	103.3
1982	6936	104.9	113.3	93.7	101.4	110.8	95.9	103.9	97.3	111.4	97.4	103.0
1983	13199	105.0	112.8	94.2	101.5	110.6	96.2	104.0	97.4	111.0	97.7	103.2
1984	19997	104.7	112.5	94.3	101.3	110.4	96.2	103.9	97.1	110.7	97.5	103.2
1985	29172	104.3	112.3	94.3	101.1	109.9	96.3	103.6	96.9	110.4	97.3	103.1
1986	40158	104.4	112.0	94.6	101.0	109.9	96.3	103.8	96.8	110.2	97.3	103.2
1987	50489	104.6	111.3	95.6	100.8	109.9	96.4	103.9	97.1	109.6	97.8	102.7
1988	60921	104.2	110.2	96.0	100.4	109.2	96.5	103.5	97.6	109.0	97.5	102.3
1989	64947	104.0	109.4	96.2	100.4	108.6	96.5	103.4	97.7	108.6	97.2	102.3
1990	64590	104.0	109.1	96.3	100.3	108.7	96.3	103.5	97.8	108.3	97.1	102.0
1991	60152	103.9	108.6	97.2	100.6	107.8	97.0	103.4	97.9	107.7	97.8	102.4
1992	55103	103.6	108.2	97.5	100.7	107.3	97.4	103.1	97.9	107.4	98.0	102.5
1993	47373	103.4	107.8	97.5	100.5	106.9	97.5	103.0	98.0	107.3	97.9	102.6
1994	36162	103.3	107.0	98.0	99.7	106.9	97.4	102.7	98.4	106.9	98.0	102.0
1995	32699	102.8	106.6	98.1	99.6	106.2	97.7	102.2	98.7	106.6	98.2	101.6
1996	27083	102.6	106.3	98.0	99.8	105.8	97.7	102.1	98.6	106.3	98.0	101.6
1997	22560	102.3	105.8	98.3	99.7	105.3	97.9	101.8	98.8	105.8	98.5	101.0
1998	16078	102.4	105.2	98.7	99.6	105.0	97.9	101.7	99.3	105.5	98.4	101.2
1999	13536	102.1	104.9	98.9	99.8	104.4	98.1	101.6	99.3	105.0	98.9	101.0
2000	9844	101.9	104.5	98.9	99.7	104.1	98.6	101.3	99.6	104.7	99.1	100.9
2001	7664	101.4	104.4	98.8	99.8	103.4	99.1	100.7	99.6	104.4	99.3	100.8
2002	6673	101.4	104.0	99.0	99.4	103.5	99.1	100.7	99.7	104.0	99.6	100.2
2003	5715	101.1	103.3	99.2	99.4	102.9	99.1	100.5	99.8	103.5	99.3	100.2
2004	5082	101.0	103.1	98.9	99.5	102.6	99.1	100.5	99.6	103.4	99.0	100.2
2005	4316	100.9	102.9	99.3	99.6	102.4	99.5	100.4	99.6	103.1	99.5	100.1
2006	3659	100.6	102.6	99.1	99.7	101.8	99.7	100.3	99.7	102.7	99.6	100.0
2007	2821	100.5	102.2	99.5	99.5	101.7	99.7	100.2	99.8	102.4	99.8	99.6
2008	2531	100.4	102.0	99.5	99.5	101.4	99.8	100.1	99.8	102.2	99.8	99.6
2009	2180	100.3	102.5	98.7	100.0	101.4	99.8	100.1	99.3	102.2	100.1	99.4
2010	1580	100.5	102.7	98.4	99.8	101.8	99.4	100.4	99.2	102.5	99.8	99.3
2011	987	101.2	103.0	98.5	99.5	102.4	98.7	101.4	98.8	102.8	99.4	99.6
2012	595	101.5	103.1	98.5	99.7	102.7	98.2	101.9	98.6	102.8	99.4	99.6
2013	518	101.3	102.5	98.9	99.4	102.4	98.5	101.6	98.6	102.5	99.6	99.5
2014	395	101.1	102.3	99.2	99.1	102.4	98.6	101.8	98.1	102.3	99.9	99.3
2015	326	101.2	101.9	99.3	98.9	102.5	98.5	101.9	98.1	102.0	99.8	99.3
2016	227	101.3	102.0	99.0	99.0	102.6	98.5	101.8	98.3	102.2	99.7	99.5
2017	166	101.4	101.8	99.1	99.3	102.3	98.5	102.1	98.3	101.9	99.8	99.9
2018	119	101.4	101.4	99.3	98.9	102.3	98.6	102.1	98.5	101.6	100.0	99.4
2019	99	101.7	101.5	99.6	99.0	102.6	98.6	102.3	98.5	101.9	100.3	99.8
2020	68	101.6	101.9	99.6	99.3	102.6	98.6	102.2	98.3	102.1	100.0	100.0
2021	51	101.4	101.5	99.6	99.1	102.5	98.7	102.2	98.2	101.8	100.0	99.8

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1309	97.4	99.9	97.2
1981	3303	97.4	100.0	97.2
1982	6897	97.5	99.9	97.2
1983	13510	97.5	100.0	97.2
1984	21033	97.4	99.9	97.1
1985	31016	97.1	99.7	97.0
1986	43567	96.8	99.5	96.8
1987	56316	97.1	99.6	97.2
1988	68972	97.5	99.8	97.5
1989	74188	97.2	99.6	97.2
1990	74661	97.2	99.6	97.4
1991	69137	97.3	99.8	97.2
1992	57139	97.5	100.1	97.4
1993	59800	97.6	100.2	97.6
1994	60713	97.7	100.2	97.8
1995	49991	98.1	100.4	98.0
1996	39146	98.2	100.5	98.0
1997	30023	98.2	100.3	98.2
1998	22729	98.1	100.1	98.2
1999	17870	97.8	99.7	98.2
2000	13571	98.1	99.9	98.4
2001	10449	97.8	99.5	98.5
2002	8556	97.8	99.7	98.6
2003	7519	97.7	99.7	98.3
2004	6480	97.8	99.6	98.5
2005	5436	97.8	99.7	98.5
2006	4627	97.3	99.2	98.5
2007	4004	97.5	99.4	98.5
2008	4031	97.2	99.7	97.9
2009	3648	96.8	98.9	98.0
2010	2999	97.9	100.2	98.4
2011	2461	97.1	99.6	97.8
2012	2221	97.2	99.7	97.9
2013	2102	97.7	100.2	98.0
2014	1950	98.0	100.2	98.5
2015	1746	98.7	100.9	98.9
2016	1466	98.7	100.9	99.0
2017	1052	99.2	101.1	99.3
2018	913	99.2	101.2	99.4
2019	713	99.1	101.0	99.2
2020	718	99.0	100.9	99.0
2021	660	99.1	100.8	99.2
2022	656	99.1	100.7	99.2
2023	554	99.2	100.8	99.2
2024	55	99.0	100.5	99.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	7115	-4426.5	-17780.8	-753.4	-634.4
2002	5477	-4326.2	-17299.2	-739.1	-619.0
2003	4903	-4288.0	-17155.0	-731.6	-614.2

2004	4313	-4108.3	-16400.2	-702.3	-587.9
2005	3834	-4049.5	-16120.5	-693.2	-579.0
2006	3475	-3879.3	-15452.5	-667.1	-553.0
2007	3020	-3703.8	-14636.8	-639.4	-527.1
2008	2894	-3549.7	-13930.0	-615.9	-503.9
2009	2477	-3444.9	-13583.0	-597.2	-489.0
2010	2149	-3332.8	-13110.2	-579.4	-472.5
2011	1818	-3134.6	-12323.8	-544.7	-444.4
2012	1685	-2994.8	-11841.2	-519.0	-425.1
2013	1653	-2862.0	-11321.5	-497.1	-405.7
2014	1462	-2658.0	-10475.2	-462.1	-376.7
2015	1191	-2456.1	-9626.4	-427.7	-347.9
2016	889	-2194.7	-8664.2	-379.6	-312.0
2017	670	-1974.9	-7832.1	-345.5	-278.7
2018	598	-1637.8	-6566.5	-285.5	-231.3
2019	488	-1505.9	-6114.9	-263.4	-212.0
2020	482	-1199.8	-5023.7	-206.0	-170.4
2021	357	-938.9	-3998.4	-159.9	-133.8
2022	23	-888.0	-3869.2	-144.2	-129.8

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

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	141	95.2	86.5	104.8	91.7
1981	429	94.8	85.4	105.4	91.4
1982	504	95.7	86.4	105.0	92.6
1983	1400	96.3	87.1	104.5	93.0
1984	2428	96.0	87.1	104.5	92.6
1985	2888	96.5	87.0	104.3	92.9
1986	3932	97.2	86.5	104.2	93.1
1987	5791	97.2	86.0	103.8	92.3
1988	7216	96.8	85.5	104.1	91.9
1989	7145	97.1	85.1	104.1	91.8
1990	6631	96.9	85.1	104.0	91.4
1991	6004	96.7	85.9	102.5	90.2
1992	4940	96.1	86.2	102.0	89.4
1993	3988	95.8	86.0	102.1	89.0
1994	2781	95.7	85.8	102.3	89.0
1995	2651	96.2	86.0	101.8	89.1
1996	1955	96.3	86.2	101.7	89.2
1997	1522	96.1	86.1	101.6	89.0
1998	1063	96.4	86.5	101.1	88.9
1999	925	96.6	86.3	100.9	88.9
2000	761	96.8	86.2	100.9	88.9
2001	660	97.3	86.1	100.6	89.0
2002	638	97.4	86.5	99.8	88.5
2003	564	97.2	86.3	99.4	88.0
2004	557	97.1	86.7	99.7	88.5
2005	564	97.1	86.7	99.8	88.2
2006	471	97.3	87.1	99.8	88.9
2007	462	97.5	87.7	99.6	89.3
2008	460	97.5	87.8	99.4	89.1
2009	548	97.8	89.2	99.3	90.1
2010	591	98.0	89.3	99.4	90.4
2011	504	98.3	89.8	99.3	91.0
2012	466	98.1	90.4	99.6	91.7
2013	481	98.7	91.2	99.6	92.5
2014	429	98.8	92.0	99.6	93.3
2015	367	98.4	92.9	99.5	93.4

2016	289	98.8	93.7	99.8	94.6
2017	228	98.7	94.1	99.9	95.1
2018	181	99.0	95.2	99.5	95.7
2019	125	99.2	95.3	99.8	96.2
2020	177	99.4	96.2	99.8	97.0
2021	129	99.1	95.9	99.8	96.6
2022	13	98.0	97.4	99.5	96.0

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

Basis: Melkdoel zwart

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	1754	94.1	100.6	1	-2.7	37.0	0	0.0
1981	4071	94.1	101.2	0	0.0	0.0	0	0.0
1982	8272	94.2	101.2	0	0.0	0.0	0	0.0
1983	16387	94.2	100.7	0	0.0	0.0	0	0.0
1984	28027	93.9	100.4	0	0.0	0.0	0	0.0
1985	45834	93.7	100.4	43353	-7.0	168.5	0	0.0
1986	66427	93.8	100.6	54537	-6.7	155.9	0	0.0
1987	86767	94.1	100.2	60460	-6.2	136.2	0	0.0
1988	113381	94.3	99.8	64841	-5.8	116.9	0	0.0
1989	117193	94.3	99.5	60025	-5.5	108.9	0	0.0
1990	100543	94.3	99.2	50579	-5.4	107.5	0	0.0
1991	79358	94.6	99.8	40749	-5.0	101.6	0	0.0
1992	63061	94.5	99.8	32993	-4.8	98.2	0	0.0
1993	52499	94.5	99.6	25660	-4.7	97.8	0	0.0
1994	38978	95.2	99.3	17992	-4.7	101.2	0	0.0
1995	34477	95.4	99.4	15525	-4.5	103.2	0	0.0
1996	26179	95.7	99.5	11337	-4.4	100.7	0	0.0
1997	18883	95.6	99.3	8097	-4.3	100.3	0	0.0
1998	14403	95.7	98.8	6042	-4.2	98.0	0	0.0
1999	11272	95.5	98.5	4718	-4.0	96.6	0	0.0
2000	8604	95.8	98.2	3602	-3.8	93.7	0	0.0
2001	7115	95.8	98.0	2918	-3.7	92.5	2885	90.5
2002	5465	96.0	98.1	2333	-3.7	94.0	2303	90.2
2003	4883	95.9	97.7	2003	-3.5	88.4	1986	90.8
2004	4301	96.0	97.5	1803	-3.4	87.9	1777	90.8
2005	3807	96.0	97.6	1616	-3.3	82.3	1599	91.5
2006	3453	96.2	97.8	1366	-3.0	71.9	1346	92.7
2007	3010	96.6	98.1	1089	-2.9	71.2	1061	92.5
2008	2877	96.8	97.7	1046	-2.7	63.5	1012	93.5
2009	2452	96.9	98.0	899	-2.7	64.1	884	93.5
2010	2137	97.1	98.2	750	-2.5	60.2	723	93.7
2011	1793	97.1	98.3	560	-2.3	54.4	544	94.5
2012	1666	97.0	98.3	455	-2.1	46.5	433	95.3
2013	1629	97.2	98.3	448	-2.1	43.8	429	95.8
2014	1440	97.4	98.4	371	-2.0	41.8	351	95.9
2015	1179	97.6	98.9	338	-1.7	36.8	310	96.2
2016	868	97.6	99.1	255	-1.5	33.2	224	96.4
2017	665	98.4	99.1	188	-1.3	22.7	170	97.4
2018	579	98.9	99.3	156	-1.2	20.7	119	97.1
2019	472	99.0	99.3	130	-1.0	20.8	106	97.7
2020	463	99.5	99.5	82	-0.8	20.2	71	98.0
2021	347	99.6	99.5	63	-0.6	17.0	52	98.0
2022	22	99.0	99.4	7	0.3	1.6	0	0.0
2023	0	0.0	0.0	12	0.3	10.1	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	458	99.9	5	99.0	1	99.0	458	97.0
1981	1227	99.9	9	98.4	3	97.7	1227	96.9
1982	2256	99.9	14	98.4	7	98.6	2256	96.5
1983	4278	99.9	24	97.9	14	97.6	4278	96.4
1984	6299	99.9	60	98.2	13	97.6	6299	96.5
1985	8053	99.9	110	97.0	32	96.7	8051	96.3
1986	10725	99.9	220	98.0	106	97.8	10724	96.4
1987	13590	99.9	186	98.3	97	98.1	13589	96.5
1988	15227	99.8	655	99.0	157	100.5	15227	95.9
1989	15048	99.5	901	98.3	335	98.0	15047	95.3
1990	13891	99.4	947	97.8	511	97.2	13884	95.2
1991	12312	99.7	1704	100.0	1470	97.9	12312	95.4
1992	10403	99.9	1304	100.5	1217	97.9	10403	95.5
1993	8508	99.8	1020	100.1	793	97.8	8508	95.3
1994	6294	99.5	774	99.3	608	98.1	6294	95.4
1995	5927	99.0	970	98.7	837	98.4	5927	95.2
1996	4657	98.9	733	98.8	663	98.1	4657	95.0
1997	3672	98.6	569	98.9	529	97.6	3672	95.0
1998	2816	98.6	362	98.6	343	97.4	2816	95.3
1999	2449	98.7	321	99.0	296	97.4	2449	95.0
2000	2078	98.6	261	99.1	254	96.8	2077	94.7
2001	1881	98.6	216	98.3	205	98.3	1881	95.2
2002	1727	98.8	199	98.6	189	98.3	1727	94.4
2003	1605	98.6	171	98.3	168	98.3	1605	94.0
2004	1632	98.8	182	98.4	178	98.2	1632	94.0
2005	1626	98.9	183	98.8	184	98.6	1624	93.9
2006	1612	99.1	132	98.7	133	99.5	1612	94.8
2007	1673	98.9	145	98.9	138	99.0	1673	94.5
2008	1802	99.1	139	99.4	139	98.5	1802	94.2
2009	1869	99.4	135	99.3	138	99.3	1869	95.7
2010	1834	99.5	109	99.5	109	99.1	1834	95.7
2011	1545	99.9	81	99.6	87	99.1	1545	96.4
2012	1461	100.1	81	100.2	82	99.9	1460	96.7
2013	1379	100.1	88	100.0	91	100.0	1379	97.0
2014	1223	100.2	62	100.3	61	100.1	1223	97.7
2015	1041	100.1	62	100.2	61	100.1	1039	97.5
2016	752	100.1	51	99.3	51	100.3	752	98.0
2017	574	100.2	23	100.1	23	100.7	574	98.6
2018	489	100.3	20	99.9	20	100.7	489	98.8
2019	393	100.3	10	99.6	10	100.6	393	99.3
2020	388	100.2	8	99.2	12	99.8	388	99.4
2021	292	100.1	3	100.7	7	98.7	292	99.6
2022	19	100.3	0	0.0	0	0.0	19	99.7

Tabel: 54 Holstein - Fries Hollands zwartbont: Reproductiestoornissen  
 Basis: Melkdoel zwart  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	60	99.1	99.8	98.8	99.9	98.3	96.8
1981	93	98.9	99.8	98.6	99.8	97.9	96.5
1982	122	98.9	99.6	98.7	99.8	97.9	96.7
1983	422	98.6	99.5	97.9	99.7	97.5	96.9
1984	496	98.3	99.2	97.8	99.4	97.2	96.7
1985	585	98.3	99.6	97.5	99.5	97.0	96.6

1986	923	98.5	99.9	97.5	99.6	97.3	97.0
1987	2062	98.7	99.5	98.3	99.8	97.7	96.7
1988	3437	98.2	98.7	98.0	99.4	97.3	96.3
1989	3810	98.1	98.5	97.9	99.5	97.3	96.1
1990	3702	97.9	98.3	97.7	99.5	97.2	95.7
1991	3352	97.7	98.5	96.9	99.3	96.9	95.9
1992	2751	97.8	98.7	96.8	99.3	97.1	96.1
1993	2261	97.9	98.7	97.1	99.3	97.4	96.3
1994	1634	97.7	98.3	97.0	99.3	97.3	95.9
1995	1598	97.6	98.1	96.7	99.5	96.8	95.4
1996	1203	97.8	98.5	96.9	99.5	96.8	95.6
1997	912	97.9	98.7	97.0	99.3	97.1	96.1
1998	570	97.3	98.3	96.6	98.8	96.8	95.5
1999	529	97.3	97.9	96.6	98.9	96.6	95.6
2000	439	97.0	97.9	96.2	98.4	96.9	95.6
2001	348	97.0	97.4	96.3	98.8	96.6	95.4
2002	319	96.8	97.1	96.2	98.6	96.6	95.3
2003	315	97.6	98.8	97.2	98.8	97.3	95.0
2004	314	98.1	99.5	97.5	99.2	97.7	95.3
2005	306	98.6	99.9	98.1	99.5	98.1	95.6
2006	273	99.5	100.6	99.1	100.2	99.3	96.8
2007	305	99.8	100.9	99.3	100.2	99.4	97.2
2008	283	99.8	100.8	99.4	100.4	99.4	97.2
2009	280	99.7	100.7	99.5	100.1	99.1	97.1
2010	235	99.2	100.5	99.0	99.7	98.8	96.8
2011	190	99.2	100.4	99.3	99.5	99.3	97.1
2012	171	99.4	100.4	99.3	99.4	99.5	97.6
2013	184	99.2	100.3	99.1	99.3	99.4	97.1
2014	137	99.0	99.9	99.1	99.1	99.8	97.3
2015	119	98.8	99.8	98.7	99.0	99.5	97.0
2016	112	99.1	99.9	99.0	99.4	99.6	97.3
2017	49	98.9	99.7	99.2	99.1	99.7	97.3
2018	51	99.2	100.1	99.4	99.2	99.8	97.9
2019	34	98.4	99.1	98.1	99.0	99.1	96.9
2020	26	99.1	99.7	99.6	99.3	99.9	97.6
2021	13	99.0	99.5	98.9	99.4	99.7	97.3

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14272	-1147.4	-36.7	-55.2	-53.7	27.7	-24.3	-1.6	-319.5
1981	26536	-1054.1	-34.6	-50.1	-49.4	23.4	-20.8	-1.7	-292.9
1982	46690	-998.4	-33.3	-48.8	-46.9	21.1	-21.9	-1.7	-284.2
1983	62322	-899.4	-29.7	-46.3	-42.4	19.4	-23.4	-1.7	-265.0
1984	74173	-913.5	-28.8	-45.5	-43.0	22.7	-20.9	-1.7	-260.0
1985	73517	-947.4	-28.1	-45.0	-44.5	26.8	-17.8	-1.7	-256.9
1986	69625	-912.3	-25.3	-42.1	-42.9	29.0	-14.8	-1.7	-238.8
1987	56344	-841.6	-22.9	-39.6	-39.7	27.5	-14.8	-1.7	-222.5
1988	45154	-740.0	-20.1	-36.9	-35.1	23.7	-16.2	-1.8	-204.0
1989	33562	-681.9	-17.1	-35.2	-32.4	24.0	-16.8	-1.8	-189.9
1990	20693	-632.3	-16.3	-33.3	-30.2	21.6	-16.5	-1.8	-179.9
1991	11596	-534.5	-13.9	-30.1	-25.7	18.1	-16.8	-1.8	-160.2
1992	6307	-396.5	-11.4	-26.5	-19.4	11.8	-18.8	-1.9	-138.3
1993	4246	-342.7	-11.0	-24.6	-16.9	8.3	-18.8	-1.9	-129.1
1994	2541	-248.5	-9.3	-22.0	-12.6	4.3	-19.8	-1.9	-113.3
1995	1712	-245.9	-7.8	-21.1	-12.5	6.6	-18.6	-1.9	-106.6
1996	1140	-218.7	-6.5	-19.1	-11.3	6.6	-17.1	-1.9	-95.5
1997	763	-249.3	-5.3	-18.7	-12.7	10.7	-14.6	-1.9	-91.6
1998	608	-176.7	-5.8	-17.0	-9.3	4.4	-16.0	-1.9	-84.8

1999	397	-112.7	-1.8	-13.7	-6.4	6.2	-14.4	-2.0	-61.9
2000	356	-41.9	1.1	-10.8	-3.1	6.0	-13.6	-1.8	-42.9
2001	289	-26.8	2.0	-10.6	-1.0	6.4	-14.1	0.5	-39.4
2002	260	69.9	2.8	-8.3	3.8	0.9	-16.0	1.1	-27.2
2003	220	70.5	3.4	-8.6	4.0	1.3	-16.7	1.3	-27.0
2004	256	90.7	5.3	-6.3	4.0	2.5	-14.4	-0.3	-13.4
2005	202	122.3	2.4	-5.4	5.6	-3.0	-14.3	0.2	-15.3
2006	231	165.3	6.8	-3.8	7.3	0.5	-14.3	-0.4	1.0
2007	218	291.9	6.2	-0.6	11.5	-9.3	-16.4	-2.9	13.9
2008	209	227.8	4.9	-3.5	8.9	-6.8	-17.1	-2.4	-1.4
2009	167	194.6	3.5	-3.3	6.4	-6.8	-15.1	-3.9	-4.0
2010	135	292.4	9.3	-0.4	11.6	-4.4	-15.8	-2.6	21.6
2011	166	292.4	12.0	1.2	11.9	-0.6	-13.7	-2.2	33.6
2012	186	419.7	13.6	3.8	16.4	-6.4	-16.5	-4.1	49.1
2013	207	405.9	12.7	4.4	15.6	-6.9	-14.9	-4.5	49.6
2014	208	500.7	17.5	8.8	19.4	-5.9	-13.2	-5.3	78.8
2015	165	453.6	15.2	8.0	17.8	-6.3	-12.2	-4.5	69.9
2016	116	432.0	12.7	6.1	15.7	-8.5	-13.8	-6.0	56.2
2017	116	520.5	15.7	9.8	19.6	-9.7	-12.9	-6.2	79.1
2018	121	655.7	21.1	12.8	26.8	-10.2	-15.4	-4.8	105.1
2019	102	602.3	20.0	13.4	24.5	-8.5	-11.7	-4.6	104.3
2020	95	579.1	21.4	11.6	23.6	-5.4	-13.3	-4.1	99.7
2021	123	766.9	27.3	17.8	32.7	-8.5	-13.9	-3.6	140.2

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

Tabel: 56 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	23946	93.6	88.0	93.9	94.1	96.4	88.4	95.9
1981	41804	94.1	88.9	94.7	94.2	97.4	88.3	96.0
1982	71838	94.6	89.3	95.3	94.9	97.3	88.3	96.6
1983	86844	94.9	89.6	95.7	95.9	96.5	88.1	96.8
1984	77808	94.9	89.7	96.1	96.3	96.3	88.0	96.8
1985	60554	94.9	89.7	96.3	96.4	96.2	87.9	96.8
1986	46564	95.2	89.7	96.5	96.8	95.9	87.8	96.3
1987	30712	96.1	89.3	96.9	97.2	95.2	88.1	96.9
1988	19988	96.7	89.4	97.9	98.2	94.5	88.1	97.8
1989	13123	97.2	89.7	98.5	98.7	94.1	88.5	97.9
1990	8086	97.5	89.7	98.6	98.9	93.8	88.6	97.8
1991	4582	98.0	89.9	98.8	99.7	93.6	88.4	97.5
1992	2575	98.4	89.3	98.8	100.2	92.8	88.6	97.6
1993	1537	98.4	89.4	98.6	100.1	93.0	88.5	97.6
1994	901	98.7	88.9	98.9	100.8	92.1	89.0	98.1
1995	549	98.7	88.8	98.8	101.0	92.5	88.6	98.1
1996	343	98.7	89.0	98.4	100.8	92.7	88.5	98.0
1997	217	98.4	89.0	98.4	100.8	93.1	88.3	98.3
1998	157	99.0	88.8	98.2	100.8	93.0	88.1	98.5
1999	88	99.0	89.4	98.8	101.2	93.2	88.9	99.2
2000	88	99.3	89.6	98.9	101.3	93.4	88.3	100.6
2001	87	99.7	89.5	99.3	101.5	93.3	89.2	101.1
2002	99	99.6	89.3	98.6	100.9	93.8	89.3	100.2
2003	68	100.5	89.8	100.1	102.3	93.0	89.2	100.1
2004	70	100.1	91.2	100.1	101.7	94.4	90.1	99.5
2005	59	100.5	89.9	100.5	102.5	92.9	88.8	101.7
2006	44	100.6	90.8	100.7	102.4	93.3	89.4	101.0
2007	43	100.1	89.9	100.0	102.1	92.9	89.4	101.2
2008	36	101.4	90.1	101.3	103.5	92.2	89.1	102.2
2009	19	101.4	90.8	101.3	103.2	92.5	89.7	101.2
2010	13	100.3	89.2	100.0	102.9	91.5	89.1	101.8



2011	22	100.5	89.2	101.4	103.7	91.1	89.3	100.9
2012	28	102.5	90.0	102.3	104.1	91.9	89.2	101.1
2013	33	101.7	90.4	100.9	102.6	93.0	89.6	101.8
2014	38	101.8	90.5	100.5	102.3	93.6	89.4	101.0
2015	32	101.3	90.7	100.4	102.4	93.9	90.1	101.1
2016	13	102.6	90.8	101.7	103.2	93.2	89.8	100.9
2017	15	103.9	91.0	101.7	103.4	94.1	90.7	100.9
2018	12	103.6	89.6	100.4	103.9	92.9	90.5	102.2

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	23946	90.8	100.6	99.2	85.9	87.6
1981	41804	91.5	100.5	99.2	86.0	88.6
1982	71838	91.6	100.8	98.9	86.1	88.6
1983	86844	91.9	100.9	99.1	86.7	88.8
1984	77808	91.7	100.7	99.0	86.9	88.8
1985	60554	91.8	100.4	98.9	87.1	88.8
1986	46564	92.1	100.2	98.9	87.6	89.3
1987	30712	92.4	100.7	98.6	87.5	89.7
1988	19988	92.7	101.4	98.0	88.1	90.0
1989	13123	92.6	102.0	97.7	88.6	90.0
1990	8086	92.9	102.0	97.6	88.6	90.4
1991	4582	92.8	101.9	97.4	88.5	90.7
1992	2575	92.5	102.4	97.1	88.3	90.9
1993	1537	93.0	102.3	97.5	88.4	91.3
1994	901	93.1	102.0	97.4	87.9	91.5
1995	549	93.5	101.8	97.6	87.9	91.9
1996	343	93.5	101.7	97.5	88.1	92.0
1997	217	93.6	102.1	97.1	88.7	92.2
1998	157	93.4	101.7	97.2	88.7	92.3
1999	88	94.0	102.2	97.3	88.6	92.6
2000	88	94.9	102.0	97.0	88.8	93.0
2001	87	95.1	101.3	97.8	88.8	93.5
2002	99	95.4	100.5	97.9	89.0	93.9
2003	68	95.1	101.1	97.6	89.5	94.1
2004	70	95.3	100.8	98.3	90.0	94.6
2005	59	95.6	102.1	97.4	88.9	94.5
2006	44	95.6	101.1	97.9	89.9	94.7
2007	43	94.8	101.5	97.3	89.0	93.5
2008	36	95.9	101.1	98.1	89.1	95.1
2009	19	95.1	101.8	97.4	88.2	94.1
2010	13	94.1	101.2	97.4	88.5	93.2
2011	22	95.6	101.7	97.0	90.1	95.4
2012	28	96.0	101.2	98.6	90.1	95.4
2013	33	95.9	101.1	98.2	90.4	95.3
2014	38	96.3	100.8	98.8	90.7	95.7
2015	32	97.5	100.5	98.7	91.8	97.2
2016	13	97.2	100.8	98.7	91.0	96.3
2017	15	97.4	101.2	98.5	90.7	96.7
2018	12	97.6	101.1	98.6	90.9	97.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
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1980	23946	98.8	94.5	100.5	101.5	97.5	96.2	94.0	97.9
1981	41804	99.1	94.5	100.6	101.4	97.7	96.5	94.2	97.8
1982	71838	99.0	94.6	100.6	101.2	97.7	96.4	94.5	97.8
1983	86844	98.7	95.2	100.8	100.9	98.2	96.9	94.7	98.2
1984	77808	98.7	94.9	100.9	100.5	98.7	97.1	95.0	98.2
1985	60554	98.6	94.7	100.9	100.6	99.1	97.0	94.8	98.5
1986	46564	98.8	94.7	100.9	100.7	99.4	97.1	94.7	98.5
1987	30712	99.0	95.7	100.6	100.8	99.8	97.7	95.5	98.5
1988	19988	99.3	97.0	100.2	100.5	100.0	98.2	96.2	98.5
1989	13123	99.7	97.6	100.1	100.6	100.1	98.3	96.4	98.4
1990	8086	99.8	98.0	99.9	100.9	100.1	98.8	96.9	98.5
1991	4582	99.9	97.8	100.3	101.2	100.8	98.9	97.1	99.4
1992	2575	100.0	98.0	100.6	101.4	101.5	99.5	97.7	100.3
1993	1537	99.7	98.2	100.7	101.3	101.9	99.9	98.1	101.2
1994	901	99.6	98.2	100.9	101.2	101.9	99.8	98.3	101.5
1995	549	99.8	98.4	100.9	101.4	101.6	99.7	98.6	101.0
1996	343	100.0	98.6	100.8	101.7	101.6	100.0	98.7	101.0
1997	217	100.5	99.3	100.4	102.0	101.6	100.2	99.3	101.0
1998	157	101.0	99.7	100.3	102.6	101.6	100.6	99.6	100.8
1999	88	100.2	99.5	101.2	101.3	101.5	100.0	99.1	100.7
2000	88	101.2	100.3	99.8	102.5	101.9	100.7	100.1	100.5
2001	87	101.2	101.3	100.4	102.6	102.0	100.9	100.6	101.0
2002	99	101.0	100.5	100.3	102.5	102.1	100.4	99.7	101.1
2003	68	101.4	101.9	99.8	103.1	102.7	101.6	101.2	102.0
2004	70	101.6	101.7	99.9	102.9	102.4	101.5	100.6	101.6
2005	59	101.3	102.5	99.9	102.4	102.8	102.1	101.8	101.4
2006	44	101.2	102.1	101.0	101.9	102.8	101.8	101.4	101.4
2007	43	101.4	101.8	100.3	102.6	103.1	102.0	101.5	102.1
2008	36	100.7	103.2	100.1	101.9	103.7	103.0	102.8	102.4
2009	19	100.9	101.2	101.0	102.2	104.0	102.1	101.4	102.8
2010	13	101.8	103.2	100.2	102.5	103.0	102.3	102.8	102.0
2011	22	101.7	102.5	101.1	102.1	104.6	103.0	102.4	103.2
2012	28	102.9	104.2	99.9	104.1	105.2	103.7	104.0	103.5
2013	33	101.8	102.8	99.9	103.3	104.0	102.6	102.4	102.7
2014	38	101.5	103.0	101.1	102.7	103.8	102.2	101.9	102.9
2015	32	102.3	103.5	100.5	103.2	103.9	102.2	102.3	102.4
2016	13	103.4	104.0	99.9	104.2	105.9	103.5	103.2	103.0
2017	15	102.4	103.1	100.3	103.9	103.9	102.3	102.4	103.3
2018	12	104.0	104.3	102.1	104.4	106.8	103.4	103.5	104.6

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	23946	84.3	83.1	95.6	86.7	92.8	81.9
1981	41804	85.1	84.2	95.9	87.8	93.5	83.1
1982	71838	85.9	84.8	95.8	87.7	93.5	83.3
1983	86844	86.3	85.1	96.1	88.0	93.0	83.8
1984	77808	86.5	85.3	96.2	87.8	93.1	83.8
1985	60554	86.5	85.4	96.3	87.9	93.1	83.9
1986	46564	86.4	85.5	96.5	88.4	92.8	84.3
1987	30712	87.0	85.7	97.3	88.8	92.3	85.1
1988	19988	88.1	86.4	98.0	89.0	91.9	85.9
1989	13123	88.8	86.6	98.4	89.0	91.8	86.3
1990	8086	88.9	86.8	98.9	89.4	91.6	86.8
1991	4582	89.0	86.9	99.3	89.5	91.7	87.1
1992	2575	89.1	86.7	99.9	89.5	91.2	87.4
1993	1537	89.0	86.9	100.1	90.1	91.3	87.9
1994	901	89.4	87.1	100.1	90.3	90.7	88.1

1995	549	89.2	87.5	100.1	90.8	90.9	88.5
1996	343	89.0	87.4	100.4	90.9	91.0	88.6
1997	217	89.0	87.7	101.0	91.0	91.2	89.1
1998	157	88.9	87.7	101.6	91.1	91.2	89.3
1999	88	90.2	88.6	100.6	91.6	91.4	89.6
2000	88	90.7	89.3	101.9	92.0	91.7	90.8
2001	87	91.5	89.7	102.4	92.4	91.9	91.6
2002	99	90.8	89.5	101.9	92.8	92.0	91.3
2003	68	91.7	90.0	103.4	93.0	91.7	92.4
2004	70	92.2	90.6	103.1	93.6	93.3	92.9
2005	59	92.4	90.8	103.5	93.5	92.3	93.1
2006	44	92.7	90.9	103.0	93.8	92.7	93.1
2007	43	92.1	90.0	103.4	92.6	92.3	92.2
2008	36	93.4	91.5	103.9	94.2	92.0	94.1
2009	19	93.5	90.8	103.3	93.0	92.2	93.0
2010	13	92.2	89.6	103.8	92.2	90.7	92.2
2011	22	92.4	90.5	104.4	94.3	90.9	94.0
2012	28	93.5	91.5	106.5	94.7	91.6	95.6
2013	33	93.5	91.3	104.6	94.4	92.5	94.5
2014	38	93.1	91.4	104.3	95.0	92.9	94.7
2015	32	93.2	92.5	104.8	96.5	93.1	96.1
2016	13	93.8	92.3	106.8	95.5	92.7	96.6
2017	15	94.6	92.7	104.9	96.3	93.7	96.5
2018	12	94.0	92.9	107.6	96.9	92.1	98.1

Tabel: 60 Holstein - Fries Hollands zwartbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	44563	101.9	99.3	98.9	99.0	100.2	102.0	91.2	98.9	100.0
1981	78665	101.1	99.4	98.4	98.9	99.3	101.0	91.9	98.7	99.3
1982	137446	100.7	99.3	98.2	98.6	99.0	100.8	92.4	98.5	99.0
1983	171216	100.8	98.7	98.0	98.1	98.8	100.6	93.0	98.1	98.7
1984	164037	101.0	98.5	98.0	98.1	98.9	100.6	93.4	98.0	98.7
1985	133637	101.0	98.4	97.9	98.0	98.9	100.4	93.3	97.9	98.6
1986	112405	100.7	98.2	97.6	97.7	98.6	100.0	93.4	97.6	98.2
1987	84418	100.5	98.2	97.4	97.5	98.4	100.9	94.4	97.4	98.3
1988	57955	100.2	97.6	97.0	96.9	98.1	101.2	95.1	96.9	98.0
1989	40679	99.7	97.2	96.6	96.4	97.6	100.3	96.1	96.4	97.4
1990	25725	99.2	97.3	96.5	96.4	97.3	100.0	96.6	96.4	97.2
1991	14773	99.3	97.0	96.3	96.2	97.3	100.3	96.9	96.2	97.2
1992	8210	99.3	96.9	96.2	96.1	97.3	100.8	97.2	96.0	97.2
1993	5418	99.6	96.7	96.4	96.0	97.6	101.2	97.2	96.1	97.5
1994	3315	99.3	96.5	96.3	95.8	97.5	101.1	97.4	95.9	97.3
1995	2153	99.2	96.5	96.2	95.7	97.4	100.8	97.3	95.8	97.1
1996	1435	99.1	96.5	96.2	95.7	97.4	100.9	97.7	95.9	97.2
1997	966	99.2	96.5	96.3	95.8	97.4	100.8	97.8	95.9	97.2
1998	768	98.9	96.7	96.3	95.9	97.3	100.6	98.0	96.0	97.1
1999	497	98.7	96.8	96.2	95.9	97.1	100.4	98.0	96.0	97.0
2000	444	98.8	96.5	96.1	95.7	97.0	100.1	98.2	95.8	96.8
2001	367	98.9	96.3	96.0	95.6	97.1	100.2	98.6	95.6	96.8
2002	341	98.5	96.4	95.9	95.5	97.0	99.9	98.5	95.6	96.6
2003	303	98.9	96.5	96.2	95.7	97.2	100.3	98.5	95.8	96.9
2004	358	99.1	96.6	96.3	95.9	97.3	100.1	98.3	96.0	97.0
2005	278	98.7	96.3	96.0	95.5	97.0	100.2	99.0	95.6	96.8
2006	307	98.8	96.4	96.2	95.7	97.2	100.1	98.4	95.8	96.9
2007	310	99.1	95.8	96.2	95.4	97.4	100.5	99.2	95.5	96.9
2008	305	99.3	96.0	96.3	95.5	97.5	100.4	98.9	95.6	96.9
2009	271	99.2	96.6	96.7	96.0	97.7	100.3	99.3	96.2	97.3
2010	217	99.1	97.0	97.0	96.5	97.9	100.5	99.7	96.6	97.7

2011	276	98.9	97.3	97.0	96.7	97.8	100.1	99.4	96.7	97.6
2012	288	98.7	96.9	96.6	96.2	97.6	99.8	98.9	96.3	97.2
2013	267	98.4	97.3	96.8	96.6	97.6	99.7	99.4	96.6	97.4
2014	278	98.3	96.9	96.4	96.2	97.4	99.5	99.1	96.2	97.0
2015	217	98.4	97.2	96.6	96.5	97.6	99.5	99.3	96.4	97.2
2016	161	98.6	98.0	97.3	97.3	98.1	99.8	99.4	97.3	97.9
2017	145	98.5	97.6	97.2	97.1	98.1	99.6	100.2	97.0	97.7
2018	148	98.6	97.9	97.5	97.3	98.3	100.1	99.9	97.3	98.1
2019	125	98.3	97.9	97.4	97.3	98.1	99.8	100.3	97.3	97.9
2020	136	98.4	98.5	97.8	97.9	98.4	99.8	99.9	97.8	98.2
2021	132	98.6	98.6	98.2	98.0	99.0	100.9	101.6	98.1	98.8
2022	57	98.8	98.2	98.3	97.9	99.2	100.7	101.9	98.0	98.8

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	9150	97.4	93.1	98.4	103.8	104.5
1981	16118	97.1	92.8	97.9	103.5	104.0
1982	27162	97.3	92.7	97.5	103.0	103.5
1983	33313	97.7	92.4	97.3	102.6	103.0
1984	31765	98.0	92.3	97.0	102.2	102.6
1985	25980	97.9	92.4	97.0	102.1	102.6
1986	22241	98.1	92.6	96.9	101.8	102.3
1987	16708	97.9	93.3	96.8	101.9	102.0
1988	11749	97.8	93.5	96.9	101.8	101.8
1989	8293	98.4	93.6	96.3	100.8	101.1
1990	5698	98.5	93.8	96.1	100.4	100.9
1991	3686	98.1	92.9	95.9	99.9	100.4
1992	2537	97.7	93.0	95.8	99.6	100.0
1993	1495	97.7	93.8	96.1	100.0	100.3
1994	878	97.7	94.4	96.1	99.9	100.1
1995	514	98.3	94.2	96.1	99.9	100.2
1996	295	98.2	94.3	96.4	100.1	100.3
1997	190	98.3	94.5	96.3	100.1	100.2
1998	145	98.1	94.4	96.0	99.8	100.0
1999	82	97.8	94.4	95.7	99.2	99.6
2000	78	99.2	94.7	95.8	99.2	99.6
2001	66	99.3	95.8	96.0	99.2	99.5
2002	78	99.3	94.9	96.0	99.2	99.2
2003	62	99.6	95.5	96.0	98.8	99.1
2004	64	98.9	95.4	96.3	99.1	99.3
2005	39	98.7	96.2	96.2	99.0	99.3
2006	53	98.2	97.6	96.7	99.3	99.5
2007	40	98.1	97.8	95.8	98.2	98.6
2008	35	99.4	96.3	96.3	98.4	98.7
2010	11	98.5	96.5	96.8	99.3	98.9
2011	24	99.0	96.6	96.8	98.7	98.4
2012	21	98.8	96.2	96.8	98.8	98.6
2013	32	99.6	97.6	97.3	99.1	98.7
2014	46	100.0	98.2	96.7	98.7	97.9
2015	29	99.6	98.0	97.3	99.4	98.8
2016	14	98.6	97.2	97.8	99.5	98.9
2017	14	98.0	96.9	97.7	99.7	99.1
2018	12	99.2	98.4	98.4	100.2	99.4
2020	10	100.7	100.1	98.0	99.7	98.9

Tabel: 62 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	14272	-169.0	-319.5	44.2	104.7	100.0	95.6	86.7	97.8	0.0
1981	26536	-168.3	-292.9	10.4	104.2	99.3	95.9	87.8	97.6	0.0
1982	46690	-175.9	-284.2	-11.3	103.6	99.0	95.8	87.7	97.3	0.0
1983	62322	-175.4	-265.0	-61.8	103.2	98.7	96.1	88.0	97.2	0.0
1984	74173	-197.0	-260.0	-214.4	102.7	98.7	96.2	87.8	97.1	0.0
1985	73517	-206.0	-256.9	-312.0	102.7	98.6	96.3	87.9	96.9	123.4
1986	69625	-206.0	-238.8	-366.1	102.4	98.2	96.5	88.4	96.6	117.6
1987	56344	-196.4	-222.5	-407.1	102.2	98.3	97.3	88.8	96.3	109.2
1988	45154	-189.7	-204.0	-417.8	102.0	98.0	98.0	89.0	96.4	97.8
1989	33562	-191.9	-189.9	-429.0	101.1	97.4	98.4	89.0	96.2	92.5
1990	20693	-185.8	-179.9	-419.9	100.8	97.2	98.9	89.4	96.1	91.8
1991	11596	-178.3	-160.2	-394.6	100.3	97.2	99.3	89.5	96.5	88.7
1992	6307	-166.4	-138.3	-350.3	99.8	97.2	99.9	89.5	96.9	91.0
1993	4246	-155.9	-129.1	-344.4	100.2	97.5	100.1	90.1	97.2	88.7
1994	2541	-148.9	-113.3	-320.3	100.0	97.3	100.1	90.3	97.4	91.0
1995	1712	-142.7	-106.6	-294.7	100.0	97.1	100.1	90.8	97.4	87.8
1996	1140	-135.7	-95.5	-279.4	100.3	97.2	100.4	90.9	97.4	83.6
1997	763	-132.1	-91.6	-289.9	100.2	97.2	101.0	91.0	97.5	81.7
1998	608	-128.9	-84.8	-277.6	99.9	97.1	101.6	91.1	97.5	78.4
1999	397	-121.3	-61.9	-261.5	99.4	97.0	100.6	91.6	97.6	74.4
2000	356	-114.0	-42.9	-244.1	99.3	96.8	101.9	92.0	97.4	65.9
2001	289	-108.6	-39.4	-228.0	99.3	96.8	102.4	92.4	97.5	65.2
2002	260	-103.8	-27.2	-211.8	99.1	96.6	101.9	92.8	97.4	68.0
2003	220	-98.8	-27.0	-199.0	98.8	96.9	103.4	93.0	97.5	58.8
2004	256	-88.9	-13.4	-189.6	99.1	97.0	103.1	93.6	97.6	52.1
2005	202	-86.7	-15.3	-169.6	99.1	96.8	103.5	93.5	97.9	53.9
2006	231	-72.5	1.0	-144.9	99.3	96.9	103.0	93.8	98.2	43.5
2007	218	-75.1	13.9	-169.9	98.3	96.9	103.4	92.6	98.1	54.8
2008	209	-75.5	-1.4	-155.1	98.4	96.9	103.9	94.2	98.2	40.7
2009	167	-75.1	-4.0	-179.2	98.3	97.3	103.3	93.0	98.4	44.6
2010	135	-61.2	21.6	-111.8	99.0	97.7	103.8	92.2	98.5	53.6
2011	166	-54.8	33.6	-88.2	98.4	97.6	104.4	94.3	98.7	45.2
2012	186	-47.8	49.1	-32.0	98.5	97.2	106.5	94.7	98.7	40.3
2013	207	-44.3	49.6	1.9	98.7	97.4	104.6	94.4	98.7	40.8
2014	208	-35.9	78.8	3.2	98.1	97.0	104.3	95.0	99.0	36.4
2015	165	-21.2	69.9	25.0	98.9	97.2	104.8	96.5	99.2	31.2
2016	116	-23.8	56.2	11.3	99.1	97.9	106.8	95.5	99.1	35.8
2017	116	-6.4	79.1	50.8	99.3	97.7	104.9	96.3	99.4	20.3
2018	121	9.2	105.1	90.7	99.8	98.1	107.6	96.9	99.8	26.7
2019	102	14.2	104.3	86.2	99.8	97.9	107.6	95.4	99.9	11.8
2020	95	9.0	99.7	68.0	99.1	98.2	104.0	96.7	100.1	9.4
2021	123	49.4	140.2	141.5	100.0	98.8	107.8	96.9	100.2	1.6

Tabel: 63 Holstein - Fries Hollands zwartbont: Klauwgezondheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	30	95.2	95.2	99.0	98.5	94.8	100.1	96.5
1981	67	94.2	94.7	98.6	97.6	93.1	98.2	97.2
1982	134	94.6	94.8	98.9	97.9	93.4	98.9	97.0
1983	1418	95.3	95.1	98.7	98.6	96.3	102.2	95.7
1984	1355	95.3	95.1	98.8	98.6	96.3	102.2	95.7
1985	1360	95.3	95.2	98.7	98.6	96.5	102.3	95.7
1986	1774	95.3	95.2	98.7	98.6	96.5	102.3	95.6
1987	1812	94.8	94.0	99.4	98.0	94.8	101.5	95.4

1988	2382	94.6	93.5	100.0	98.8	92.9	100.8	94.7
1989	2074	95.1	93.6	100.5	99.6	92.5	101.1	94.5
1990	1421	95.5	93.8	100.9	100.3	92.7	101.2	94.3
1991	1012	96.3	93.7	101.6	101.0	93.3	101.0	94.6
1992	614	96.8	93.8	102.0	101.5	93.4	101.0	95.0
1993	400	95.9	93.5	101.2	100.5	92.9	100.7	95.2
1994	237	95.6	93.4	101.2	99.7	93.2	100.6	94.9
1995	229	95.4	94.2	100.7	98.8	94.1	100.1	94.8
1996	126	95.0	94.2	100.4	98.6	93.9	99.4	94.9
1997	82	95.0	93.9	100.6	98.8	93.7	99.2	94.7
1998	93	94.5	93.3	100.5	98.2	93.2	98.6	94.7
1999	44	93.8	93.3	99.6	98.2	92.5	98.7	94.4
2000	43	93.6	92.7	99.7	98.2	92.3	99.0	94.0
2001	31	94.0	93.6	99.4	97.9	93.3	99.2	94.9
2002	43	94.6	93.7	100.1	98.7	93.3	99.4	95.0
2003	42	93.9	93.4	99.5	97.8	93.1	98.4	95.1
2004	50	94.8	94.1	99.8	98.8	94.0	98.6	95.6
2005	36	94.4	93.8	99.7	98.5	93.5	99.4	95.1
2006	27	93.7	94.0	98.5	97.4	94.1	98.3	95.6
2007	14	94.8	94.6	99.6	98.1	94.5	99.1	95.6
2008	17	94.7	93.8	99.4	98.4	93.9	99.6	96.2
2011	11	95.3	95.3	99.3	97.7	94.9	98.4	97.6
2013	10	95.6	96.3	98.7	97.8	96.0	99.1	98.4
2014	17	95.6	96.9	98.5	97.5	96.6	98.3	98.5
2015	21	95.5	96.4	98.6	97.9	96.3	98.5	98.0
2016	11	95.9	95.6	98.7	98.7	96.1	100.1	98.3
2017	10	95.9	94.9	99.5	99.3	95.6	100.5	97.4

Tabel: 64 Holstein - Fries Hollands zwartbont: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	10987	97.9	98.8	97.9	98.8	98.6	99.5
1981	20899	97.8	99.0	97.8	99.0	98.5	99.3
1982	37222	97.5	98.9	97.5	98.9	98.3	98.9
1983	47564	97.2	98.9	97.2	98.9	98.2	98.8
1984	49317	97.8	98.4	97.8	98.4	98.5	98.3
1985	43634	97.4	98.3	97.4	98.3	98.1	98.0
1986	40881	97.1	98.2	97.1	98.2	97.9	98.1
1987	32948	96.9	98.0	96.9	98.0	98.0	98.2
1988	25463	97.2	97.8	97.2	97.8	98.5	98.6
1989	20135	96.9	97.9	96.9	97.9	98.7	98.5
1990	14795	97.2	97.6	97.2	97.6	98.9	98.2
1991	10083	97.6	97.9	97.6	97.9	99.0	98.1
1992	5945	98.0	98.0	98.0	98.0	99.4	98.1
1993	4446	98.3	98.1	98.3	98.1	99.4	98.5
1994	3298	98.6	98.1	98.6	98.1	99.6	98.5
1995	2197	98.8	98.0	98.8	98.0	99.6	98.1
1996	1554	98.8	98.0	98.8	98.0	99.5	98.2
1997	1098	98.8	98.1	98.8	98.1	99.3	98.4
1998	904	98.6	98.0	98.6	98.0	99.3	98.2
1999	693	98.6	98.2	98.6	98.2	99.2	98.3
2000	605	98.4	98.3	98.4	98.3	99.2	98.1
2001	446	98.4	98.3	98.4	98.3	99.1	98.1
2002	431	98.3	98.2	98.3	98.2	99.4	98.2
2003	396	98.5	98.3	98.5	98.3	99.5	98.1
2004	436	98.7	98.1	98.7	98.1	99.7	98.1
2005	327	98.9	98.4	98.9	98.4	99.7	98.2
2006	317	99.1	98.6	99.1	98.6	99.8	98.5
2007	317	98.9	98.6	98.9	98.6	99.8	98.2

2008	321	98.9	98.6	98.9	98.6	99.9	98.3
2009	296	99.1	98.8	99.1	98.8	100.5	98.4
2010	230	99.3	98.7	99.3	98.7	100.7	98.6
2011	285	99.3	98.7	99.3	98.7	100.6	98.5
2012	329	99.5	98.6	99.5	98.6	101.1	98.6
2013	304	99.3	98.7	99.3	98.7	100.8	98.7
2014	300	99.4	98.9	99.4	98.9	100.8	99.0
2015	263	99.8	98.8	99.8	98.8	101.3	98.7
2016	215	99.8	98.8	99.8	98.8	101.3	98.9
2017	196	99.8	99.1	99.8	99.1	101.4	99.3
2018	199	100.3	99.2	100.3	99.2	102.0	99.4
2019	185	100.4	99.4	100.4	99.4	102.1	99.5
2020	177	100.6	99.5	100.6	99.5	102.3	99.6
2021	215	100.7	99.4	100.7	99.4	102.2	99.8
2022	221	100.8	99.6	100.8	99.6	102.7	100.0
2023	211	100.6	99.9	100.6	99.9	102.3	99.9
2024	49	99.9	99.0	99.9	99.0	102.1	99.2

Tabel: 65 Holstein - Fries Hollands zwartbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12932	97.8	103.3	103.0	97.7	98.8	98.4
1981	22463	97.7	102.7	102.9	96.9	98.5	98.9
1982	38681	96.7	103.3	103.9	96.4	98.4	99.8
1983	65115	96.6	102.9	104.0	96.8	98.6	99.3
1984	64317	96.4	102.8	103.9	96.3	98.7	99.4
1985	51015	96.9	102.5	103.3	96.1	98.6	98.9
1986	42033	96.9	102.6	103.1	95.9	98.3	98.3
1987	29392	97.0	102.2	103.1	96.3	98.1	98.3
1988	19729	97.1	102.2	103.1	96.9	97.8	97.8
1989	12809	96.1	102.1	103.9	96.3	97.7	98.3
1990	7979	96.4	101.7	103.7	95.7	97.8	98.8
1991	5196	96.8	101.3	103.3	95.8	98.1	99.1
1992	3062	97.3	101.1	102.9	96.4	98.4	99.0
1993	1877	97.6	101.4	102.8	96.7	98.8	99.1
1994	1094	97.7	101.5	102.8	97.1	98.9	98.9
1995	700	97.1	101.8	103.5	96.3	98.7	99.2
1996	517	97.8	100.9	102.8	95.8	99.2	99.7
1997	284	98.4	100.5	102.3	95.6	99.0	99.6
1998	244	99.2	100.0	101.5	95.7	99.1	99.2
1999	191	99.0	100.1	101.7	95.2	99.6	99.8
2000	169	98.0	100.4	102.8	95.3	99.8	100.2
2001	145	98.0	100.6	102.7	95.5	99.5	99.9
2002	157	98.8	100.4	102.0	95.7	99.3	99.4
2003	142	98.6	100.1	102.2	95.7	99.5	99.7
2004	144	98.9	100.2	102.0	96.3	99.6	99.4
2005	134	98.7	100.2	102.3	96.3	99.9	99.8
2006	141	99.5	99.4	101.6	96.1	99.9	100.4
2007	210	98.9	99.7	102.0	96.1	99.6	100.0
2008	193	98.6	100.0	102.3	96.5	99.8	100.0
2009	153	99.2	99.7	101.8	96.8	99.6	99.6
2010	140	99.8	100.0	101.4	96.5	99.8	100.0
2011	182	99.8	98.9	101.3	97.6	100.1	99.7
2012	225	99.7	98.3	101.7	98.9	99.9	99.1
2013	199	99.3	98.2	102.2	98.9	99.4	99.0
2014	233	99.2	97.7	102.4	99.5	99.9	99.2
2015	203	100.0	98.4	101.7	99.1	99.7	99.2
2016	160	99.6	98.2	101.9	99.6	99.5	98.5
2017	140	100.2	98.5	101.7	100.0	99.4	98.8

2018	136	99.8	98.5	101.7	99.7	99.2	98.4
2019	111	100.5	98.6	101.3	99.9	99.3	98.8
2020	101	99.8	98.7	102.0	100.5	99.4	98.3
2021	105	101.2	98.4	100.8	100.7	99.0	98.6
2022	100	101.4	98.8	100.8	100.8	98.6	98.0
2023	100	100.3	98.5	101.4	100.4	100.2	98.8
2024	16	101.6	99.2	100.2	100.8	97.2	96.9

Tabel: 66 Holstein - Fries Hollands zwartbont: Vleeskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	12720	98.7	95.8	98.6	96.7	99.2	97.5	99.9	97.3	100.4	96.9	97.7
1981	22785	98.9	96.0	98.4	97.2	99.5	97.1	100.4	96.6	100.4	96.4	98.3
1982	39463	99.2	95.7	99.0	97.2	99.4	97.3	100.9	96.5	100.3	97.0	98.5
1983	49932	99.2	95.0	99.7	97.2	99.1	97.4	101.0	96.5	99.6	97.2	98.2
1984	49963	98.9	94.8	99.7	96.9	99.2	97.5	100.8	96.2	99.6	96.7	98.7
1985	43242	98.6	94.7	99.7	96.7	98.7	97.7	100.5	96.1	99.4	96.6	98.7
1986	39298	98.4	94.4	100.0	96.6	98.4	98.0	100.4	96.0	99.1	96.9	98.6
1987	31078	98.6	93.6	100.7	96.5	98.2	98.1	100.4	96.8	98.6	97.3	98.3
1988	23598	98.1	92.3	101.3	96.2	97.0	98.4	99.8	97.5	97.6	97.0	97.7
1989	18186	97.9	91.3	101.5	96.3	96.2	98.4	99.8	97.8	96.8	97.2	97.2
1990	13315	98.0	91.1	101.5	96.4	96.2	98.1	99.8	98.0	96.6	96.9	97.1
1991	8893	97.8	90.9	102.1	96.6	95.6	98.9	99.8	97.9	96.3	97.6	97.5
1992	5676	97.4	90.5	102.3	96.5	94.9	99.1	99.4	97.9	96.0	97.6	97.4
1993	4024	97.1	90.2	102.1	96.2	94.6	99.1	99.2	97.8	95.8	97.6	97.2
1994	2497	97.1	89.6	102.6	95.6	94.6	99.1	99.0	98.3	95.6	97.6	96.9
1995	1739	96.9	89.7	102.3	95.5	94.5	99.2	98.7	98.2	95.5	97.6	96.5
1996	1308	96.7	89.9	102.1	95.4	94.8	99.0	98.6	97.9	95.7	97.5	96.2
1997	1040	96.5	89.8	102.1	95.2	94.8	99.0	98.3	98.1	95.6	97.7	95.6
1998	755	96.6	90.0	102.3	95.0	95.2	98.9	98.5	97.8	95.8	97.8	95.7
1999	596	96.5	90.1	102.4	94.9	95.1	99.1	98.3	97.8	95.9	97.8	95.6
2000	504	96.2	89.9	102.2	94.9	94.8	99.3	97.9	97.9	95.8	97.6	95.6
2001	373	96.1	89.6	102.1	94.7	94.7	99.4	97.9	97.8	95.4	97.7	95.3
2002	379	95.9	89.4	102.0	94.7	94.6	99.5	97.9	97.1	95.3	97.7	95.5
2003	344	95.9	89.6	101.5	94.8	94.6	99.3	97.7	97.5	95.4	97.4	95.4
2004	388	95.8	89.9	101.9	94.8	94.7	99.6	97.6	97.4	95.8	97.7	95.5
2005	300	95.5	89.4	101.9	94.7	94.2	99.8	97.3	97.6	95.4	97.7	95.2
2006	290	95.2	89.8	101.4	95.0	93.9	100.1	96.9	97.6	95.4	97.7	95.1
2007	249	95.2	89.5	101.2	95.1	93.7	99.8	97.1	97.5	95.1	97.4	95.2
2008	213	94.9	89.4	101.1	95.3	93.4	100.1	96.8	97.3	95.1	97.4	95.4
2009	166	95.0	89.6	101.0	95.5	93.4	100.2	96.8	97.7	95.1	97.7	94.9
2010	112	94.7	88.2	102.0	94.6	92.8	100.2	96.7	97.7	94.1	97.8	94.6
2011	104	94.0	88.8	102.2	94.3	92.8	101.3	95.8	97.2	94.8	98.6	94.1
2012	64	94.5	88.6	102.0	94.4	93.1	100.8	96.1	98.0	94.8	98.2	94.3
2013	42	93.2	87.2	101.8	94.0	91.2	101.8	94.7	98.0	93.5	98.0	94.3
2014	42	93.2	87.5	102.3	94.2	91.2	102.1	94.6	98.4	94.1	98.3	94.1
2015	32	93.8	87.0	102.6	93.7	91.5	101.0	95.4	98.4	93.2	98.3	93.7
2016	13	94.7	86.9	102.8	94.4	92.1	100.2	96.8	98.4	93.3	97.7	94.7
2017	14	94.6	87.1	102.2	94.6	92.4	101.3	96.5	97.9	93.6	98.9	94.5
2018	12	93.1	85.4	103.6	93.4	91.0	101.4	94.9	98.2	92.5	98.3	93.9

Tabel: 67 Holstein - Fries Hollands zwartbont: Kalvervitaliteit  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
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1980	11219	99.0	97.8	100.2
1981	21283	98.7	97.6	100.0
1982	37711	98.3	97.2	99.8
1983	47992	98.6	97.5	99.7
1984	49707	98.7	97.6	99.7
1985	43752	98.3	97.4	99.7
1986	40716	97.9	97.1	99.4
1987	32633	98.1	97.1	99.6
1988	25156	98.7	97.2	100.5
1989	19649	98.2	96.8	99.9
1990	14412	98.5	97.2	99.9
1991	9533	98.5	97.3	100.0
1992	5563	98.6	97.5	100.2
1993	4705	98.7	97.7	100.3
1994	4011	98.8	97.7	100.5
1995	2617	99.1	97.8	100.7
1996	1859	99.1	97.8	100.7
1997	1324	99.1	97.7	100.8
1998	1023	99.2	97.7	100.8
1999	772	99.2	97.8	100.8
2000	657	99.2	97.8	100.8
2001	503	99.5	98.1	100.9
2002	475	99.3	97.9	100.7
2003	428	99.3	97.9	100.6
2004	513	99.5	98.3	100.6
2005	393	99.8	98.3	100.9
2006	359	99.7	98.4	100.8
2007	360	99.8	98.5	100.7
2008	375	99.5	98.2	100.8
2009	351	99.6	98.2	101.1
2010	268	100.0	98.6	101.2
2011	309	100.6	99.4	101.3
2012	384	100.5	99.3	101.2
2013	320	101.0	99.7	101.6
2014	305	101.3	99.9	101.9
2015	267	101.4	99.9	102.0
2016	242	100.7	99.5	101.8
2017	209	101.2	99.8	102.0
2018	216	101.1	99.6	102.0
2019	187	101.1	99.7	102.0
2020	186	101.1	99.7	102.2
2021	222	101.2	99.4	102.4
2022	244	101.3	99.4	102.6
2023	232	101.1	99.3	102.2
2024	35	101.3	99.7	102.5

Tabel: 68 Holstein - Fries Hollands zwartbont: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	287	-2088.1	-8335.5	-331.6	-311.1
2002	267	-1947.4	-7614.6	-310.7	-289.8
2003	221	-1868.9	-7312.1	-295.0	-279.8
2004	260	-1768.2	-7022.8	-278.4	-264.9
2005	209	-1643.3	-6361.3	-265.7	-243.0
2006	231	-1444.2	-5655.5	-225.3	-217.6
2007	222	-1559.2	-5903.8	-254.8	-229.9
2008	208	-1499.5	-5636.0	-240.0	-223.8
2009	172	-1644.5	-6298.4	-268.3	-242.5
2010	134	-1148.9	-4260.0	-178.5	-174.4

2011	166	-957.5	-3675.9	-140.7	-149.0
2012	189	-546.6	-1804.9	-74.1	-89.2
2013	212	-331.2	-969.7	-39.6	-57.2
2014	211	-213.8	-580.0	-20.4	-39.7
2015	166	-72.4	-52.4	1.4	-18.2
2016	117	-221.1	-518.7	-24.0	-39.8
2017	116	112.4	814.9	29.9	9.4
2018	123	467.5	2403.3	95.1	57.3
2019	102	444.8	2095.8	86.8	57.1
2020	97	316.6	1570.0	74.6	33.8
2021	127	969.7	4343.1	183.3	128.0

Tabel: 69 Holstein - Fries Hollands zwartbont: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	379	93.7	96.0	100.0	92.7
1981	1177	93.5	94.6	100.4	92.1
1982	1181	94.6	94.8	100.1	93.1
1983	2643	96.1	96.3	98.9	94.2
1984	3083	96.0	96.5	99.0	94.2
1985	2518	96.5	96.1	98.8	94.3
1986	2415	97.4	95.7	98.5	94.7
1987	2340	96.4	95.0	97.9	92.9
1988	2362	95.9	94.7	98.4	92.5
1989	1663	96.2	92.5	99.2	91.9
1990	1095	95.9	92.5	99.1	91.4
1991	680	95.6	93.2	98.1	90.7
1992	380	96.0	93.1	95.6	88.9
1993	249	95.5	93.6	95.6	88.8
1994	133	95.3	93.3	96.0	88.5
1995	86	95.7	93.2	96.1	89.2
1996	51	97.1	94.4	96.7	91.6
1997	31	95.9	95.5	95.9	90.6
1998	30	97.3	95.0	96.7	91.8
1999	26	96.8	95.4	97.6	92.1
2000	19	97.4	95.1	98.2	93.0
2001	14	97.0	94.4	97.4	92.3
2002	23	97.5	94.5	96.7	91.9
2003	19	98.2	95.4	97.7	93.9
2004	31	97.8	96.0	96.6	92.9
2005	19	97.2	95.8	97.1	92.5
2006	36	97.0	93.8	97.2	91.0
2007	27	98.2	95.0	97.6	93.3
2008	26	97.7	97.3	96.3	93.2
2009	18	97.6	95.1	97.6	92.9
2010	21	96.5	95.7	96.9	91.7
2011	36	98.3	96.0	96.6	93.1
2012	20	97.5	97.0	96.8	92.8
2013	33	98.8	98.5	96.7	95.2
2014	56	98.8	100.1	96.6	95.7
2015	47	98.8	100.7	96.8	96.5
2016	38	99.2	100.5	96.6	96.8
2017	40	97.8	100.6	97.1	95.9
2018	17	96.7	100.5	96.5	94.4
2019	22	98.0	102.1	96.3	96.6
2020	29	99.1	101.1	97.1	97.4
2021	32	98.3	104.3	97.5	99.1

Tabel: 70 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	14272	94.3	101.2	0	0.0	0.0	0	0.0
1981	26536	94.3	101.5	0	0.0	0.0	0	0.0
1982	46690	94.5	101.5	0	0.0	0.0	0	0.0
1983	62322	94.6	101.0	0	0.0	0.0	0	0.0
1984	74173	94.4	100.7	0	0.0	0.0	0	0.0
1985	73517	94.2	100.6	60237	-3.5	123.4	0	0.0
1986	69625	94.3	100.8	46580	-3.3	117.6	0	0.0
1987	56344	94.6	100.5	30847	-3.0	109.2	0	0.0
1988	45154	94.8	99.9	20161	-2.6	97.8	0	0.0
1989	33562	94.7	99.4	13226	-2.4	92.5	0	0.0
1990	20693	94.6	99.3	8136	-2.4	91.8	0	0.0
1991	11596	94.8	99.6	4618	-2.2	88.7	0	0.0
1992	6307	94.8	99.7	2615	-2.1	91.0	0	0.0
1993	4246	94.7	99.4	1565	-2.0	88.7	0	0.0
1994	2541	95.3	99.3	919	-1.9	91.0	0	0.0
1995	1712	95.4	99.4	575	-1.9	87.8	0	0.0
1996	1140	95.8	99.4	370	-1.8	83.6	0	0.0
1997	763	95.9	99.2	236	-1.6	81.7	0	0.0
1998	608	96.2	99.4	174	-1.6	78.4	0	0.0
1999	397	96.3	98.9	94	-1.4	74.4	0	0.0
2000	356	96.5	98.7	100	-1.1	65.9	0	0.0
2001	289	96.6	98.6	95	-1.0	65.2	87	91.3
2002	260	96.2	98.5	109	-1.2	68.0	99	91.0
2003	220	96.6	99.3	79	-0.8	58.8	68	91.6
2004	256	96.9	99.4	87	-0.8	52.1	70	92.7
2005	202	97.2	98.6	71	-0.9	53.9	59	92.0
2006	231	96.7	99.2	61	-0.6	43.5	43	92.7
2007	218	96.1	97.7	59	-0.9	54.8	41	91.8
2008	209	96.6	98.4	55	-0.5	40.7	36	92.4
2009	167	95.7	98.3	25	-0.5	44.6	18	92.3
2010	135	96.6	98.1	18	-0.4	53.6	13	90.2
2011	166	97.0	98.9	33	-0.1	45.2	22	90.7
2012	186	97.6	98.2	39	-0.2	40.3	28	92.5
2013	207	97.3	98.3	44	-0.2	40.8	32	92.5
2014	208	97.7	98.6	45	0.3	36.4	37	92.8
2015	165	97.9	99.2	50	0.0	31.2	32	93.0
2016	116	97.5	98.5	15	0.3	35.8	13	93.6
2017	116	97.2	98.8	25	0.3	20.3	15	94.4
2018	121	98.3	98.8	19	0.5	26.7	12	92.8
2019	102	98.3	98.9	16	0.6	11.8	7	93.6
2020	95	98.3	99.1	17	0.6	9.4	7	94.6
2021	123	98.5	99.3	17	0.8	1.6	8	95.9

Tabel: 71 Holstein - Fries Hollands zwartbont: Stofwisselingsaandoeningen

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	3286	99.5	1	99.0	0	0.0	3286	93.5
1981	6369	99.5	1	100.0	1	93.0	6369	93.5
1982	10512	99.5	4	99.2	4	95.8	10512	93.3
1983	12766	99.3	2	97.5	0	0.0	12766	92.6
1984	12323	99.5	11	99.0	3	96.7	12323	93.5

1985	10093	99.5	19	97.4	10	94.0	10092	93.6
1986	9098	99.4	27	97.5	24	93.8	9098	93.0
1987	7115	99.6	9	100.6	7	95.7	7115	94.1
1988	5109	99.4	199	99.8	2	99.0	5109	92.8
1989	3496	99.1	150	99.6	20	93.6	3496	91.4
1990	2388	99.1	136	99.3	31	93.5	2388	91.7
1991	1472	99.2	155	100.9	110	95.2	1472	92.5
1992	912	99.2	92	101.7	83	95.4	912	92.3
1993	590	99.1	52	101.2	46	94.8	590	92.3
1994	374	99.1	29	101.2	22	94.9	374	92.3
1995	223	98.6	24	100.0	15	94.8	223	91.9
1996	168	98.6	11	99.5	11	94.3	168	92.2
1997	112	98.6	10	100.0	10	95.8	112	92.5
1998	101	98.4	15	99.5	13	96.2	101	92.3
1999	84	98.6	6	99.5	6	94.7	84	92.6
2000	78	98.8	4	100.8	4	97.2	78	92.4
2001	61	98.8	3	98.3	2	97.0	61	92.9
2002	82	98.7	1	96.0	1	93.0	82	92.3
2003	86	98.6	3	100.0	3	98.3	86	92.2
2004	87	98.7	9	98.1	8	97.6	87	92.3
2005	74	99.0	2	99.0	2	95.0	74	92.3
2006	108	99.0	2	100.5	2	96.0	108	92.7
2007	113	99.0	1	92.0	1	94.0	113	92.2
2008	118	99.0	2	100.0	1	90.0	118	92.2
2009	104	99.0	0	0.0	0	0.0	104	92.5
2010	96	99.3	1	99.0	1	97.0	96	92.9
2011	123	99.4	3	99.3	2	97.0	123	93.3
2012	134	99.4	1	104.0	1	96.0	134	93.1
2013	150	99.5	2	98.0	1	96.0	150	92.9
2014	156	99.5	2	100.5	0	0.0	156	93.8
2015	122	99.4	3	100.0	1	96.0	122	94.0
2016	93	99.6	0	0.0	0	0.0	93	95.0
2017	87	99.5	1	98.0	1	91.0	87	94.6
2018	96	99.6	0	0.0	0	0.0	96	94.9
2019	82	99.8	1	100.0	0	0.0	82	95.2
2020	64	99.8	0	0.0	0	0.0	64	94.7
2021	107	99.9	0	0.0	0	0.0	107	95.4

Tabel: 72 Holstein - Fries Hollands zwartbont: Reproductiestoornissen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	108	100.3	99.5	99.9	100.3	99.8	99.4
1981	159	100.6	99.8	100.4	100.5	99.7	99.3
1982	247	100.1	99.5	99.9	100.1	99.3	98.9
1983	1080	99.5	99.3	98.4	99.7	98.5	98.7
1984	946	98.9	98.9	97.9	99.2	98.1	98.4
1985	621	99.7	99.7	98.4	99.8	98.6	98.9
1986	651	99.6	99.7	98.2	99.7	98.6	98.9
1987	943	100.4	99.9	99.7	100.5	99.7	99.3
1988	1214	99.7	98.8	99.3	99.9	99.4	98.9
1989	920	99.8	98.9	99.7	100.3	99.2	98.6
1990	621	99.8	98.9	99.6	100.3	99.1	98.4
1991	330	99.5	98.8	98.7	100.0	98.7	98.5
1992	197	98.6	97.7	97.6	99.2	98.7	98.9
1993	114	98.7	97.9	97.7	99.2	98.9	98.9
1994	68	98.5	97.4	97.5	99.1	98.9	98.4
1995	39	98.3	97.0	97.5	99.1	98.6	98.1
1996	25	98.4	97.4	97.6	99.3	98.4	97.4
1997	18	97.8	97.4	97.1	98.5	97.7	97.4

1998	21	96.8	95.9	96.4	97.7	96.5	96.6
1999	10	98.1	97.8	97.2	98.9	98.0	97.1
2004	13	98.6	99.4	97.4	98.0	99.5	99.1
2013	11	99.0	97.3	99.0	99.5	98.6	98.4
2014	16	99.4	98.1	99.2	100.2	98.9	98.6
2015	14	99.7	98.4	99.6	99.8	99.6	99.3
2017	14	97.6	96.4	97.1	98.0	98.8	97.6
2018	10	96.9	96.1	96.1	97.3	98.0	97.3
2019	12	98.4	97.0	98.2	98.8	98.8	98.2

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	22982	-1418.3	-51.3	-60.3	-66.1	23.8	-15.8	-1.5	-374.8
1981	20477	-1438.7	-51.6	-60.1	-67.0	25.3	-14.0	-1.5	-375.0
1982	14741	-1423.3	-50.7	-59.2	-66.3	25.7	-13.2	-1.5	-369.1
1983	12626	-1342.2	-47.6	-57.0	-62.6	24.2	-14.4	-1.6	-352.4
1984	9307	-1283.8	-44.9	-55.3	-59.9	24.3	-15.0	-1.6	-338.8
1985	7321	-1269.7	-43.7	-54.4	-59.3	25.3	-14.2	-1.6	-332.8
1986	5005	-1253.9	-42.6	-53.7	-58.5	26.0	-14.0	-1.6	-327.4
1987	3560	-1239.9	-42.2	-53.1	-57.9	25.6	-13.7	-1.6	-323.7
1988	3319	-1263.8	-43.5	-53.6	-59.0	25.3	-13.0	-1.6	-328.8
1989	2989	-1210.9	-41.4	-51.2	-56.6	24.5	-12.0	-1.6	-313.8
1990	2547	-1169.0	-40.2	-49.6	-54.7	23.1	-11.9	-1.6	-304.3
1991	2140	-1133.9	-38.7	-47.4	-53.1	22.9	-10.1	-1.6	-291.6
1992	1844	-1114.2	-38.6	-47.1	-52.2	21.4	-10.7	-1.7	-289.7
1993	1676	-1064.7	-37.0	-45.1	-49.9	19.9	-10.4	-1.7	-277.4
1994	1665	-1012.8	-35.0	-43.3	-47.5	19.2	-10.5	-1.6	-265.5
1995	1549	-942.3	-33.3	-41.0	-44.3	16.3	-10.9	-1.7	-251.4
1996	1464	-873.3	-30.7	-38.4	-41.2	15.2	-10.8	-1.7	-234.5
1997	1199	-829.9	-29.5	-36.4	-39.2	13.7	-10.0	-1.7	-222.9
1998	1085	-778.8	-27.1	-33.5	-36.8	13.8	-8.1	-1.7	-205.4
1999	925	-716.0	-24.9	-31.7	-34.0	12.5	-8.8	-1.7	-192.5
2000	830	-672.5	-23.5	-29.3	-31.7	11.5	-7.5	-1.3	-179.1
2001	782	-630.1	-21.9	-28.1	-26.5	10.9	-8.1	4.4	-169.4
2002	612	-591.0	-20.1	-26.6	-24.1	11.0	-7.8	5.4	-158.5
2003	589	-538.7	-18.7	-25.7	-22.2	9.2	-9.5	4.5	-151.4
2004	552	-548.5	-19.6	-26.8	-22.1	8.5	-10.8	5.5	-157.6
2005	452	-507.1	-19.4	-25.3	-20.8	5.6	-10.9	4.4	-150.5
2006	460	-438.2	-15.3	-22.2	-18.2	7.4	-9.6	3.2	-128.7
2007	407	-480.4	-17.4	-22.6	-20.1	7.0	-7.8	3.5	-135.3
2008	428	-486.8	-15.8	-22.8	-21.4	10.5	-7.5	1.7	-133.0
2009	330	-429.2	-16.0	-22.1	-18.3	5.6	-9.8	2.6	-129.6
2010	315	-332.5	-11.6	-19.2	-14.4	5.7	-10.9	1.6	-107.5
2011	300	-329.3	-10.7	-18.2	-14.0	7.2	-9.4	2.0	-101.2
2012	282	-300.3	-9.1	-16.1	-13.1	7.4	-7.9	1.2	-89.0
2013	265	-237.7	-6.6	-14.4	-10.4	6.9	-8.7	1.0	-76.3
2014	272	-204.8	-5.1	-13.5	-9.3	6.9	-9.2	0.3	-68.8
2015	241	-251.9	-7.3	-14.8	-11.1	6.9	-8.6	0.9	-79.4
2016	241	-252.2	-6.9	-15.4	-10.7	7.5	-9.4	1.5	-81.0
2017	172	-235.7	-5.2	-14.4	-10.4	9.5	-8.5	0.9	-73.2
2018	174	-167.7	-2.7	-11.1	-6.2	8.2	-7.4	2.6	-53.0
2019	198	-100.0	-1.3	-9.3	-3.0	5.2	-8.5	2.6	-41.8
2020	204	-124.2	-3.0	-10.7	-4.6	4.5	-9.2	1.7	-51.4
2021	152	-88.4	-1.8	-7.8	-4.0	3.7	-6.8	0.1	-36.9

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

Tabel: 74 Fries Hollands - zwartbont: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	81417	89.2	89.8	91.2	89.7	100.5	87.4	98.0
1981	68062	89.5	90.1	91.4	89.9	100.7	87.4	98.5
1982	42654	89.7	90.0	91.7	90.3	100.4	87.5	98.7
1983	24920	90.0	89.8	91.7	90.9	100.1	87.3	98.9
1984	10923	90.4	89.2	91.5	91.5	99.6	87.0	98.6
1985	5692	90.7	88.9	91.5	91.7	99.3	86.8	98.8
1986	2902	90.8	89.1	91.7	91.9	99.2	86.6	98.7
1987	1560	90.8	89.1	91.9	92.0	98.9	86.5	99.0
1988	1110	90.9	89.1	92.1	92.2	98.8	86.4	99.2
1989	846	91.8	88.8	92.2	92.6	98.5	86.3	99.4
1990	775	91.9	88.9	92.2	92.6	98.4	86.3	99.5
1991	561	92.3	89.1	92.5	92.9	98.6	86.5	99.7
1992	552	92.5	88.9	92.8	93.4	98.2	86.2	100.0
1993	501	92.9	89.3	93.1	93.5	98.4	86.2	100.4
1994	431	93.0	89.3	93.2	93.6	98.3	86.6	100.8
1995	406	93.5	89.2	93.3	93.7	98.2	86.4	101.4
1996	413	93.8	89.3	93.6	93.9	98.3	86.7	101.5
1997	294	93.7	89.5	93.6	93.8	98.4	86.7	101.5
1998	278	93.6	89.0	93.8	94.3	97.8	86.5	101.3
1999	262	93.7	89.0	93.7	94.1	97.7	86.1	101.7
2000	346	93.7	89.2	93.8	94.3	97.7	86.3	101.7
2001	318	93.8	89.5	94.3	94.3	97.6	86.2	101.5
2002	253	93.6	89.2	94.0	94.2	97.5	86.1	101.3
2003	249	93.6	89.7	94.7	94.4	97.6	86.2	101.5
2004	245	93.4	89.5	94.7	94.2	97.6	86.4	101.3
2005	184	93.5	89.3	94.7	94.1	97.4	86.2	101.3
2006	155	93.8	89.2	94.4	94.6	97.1	86.6	101.4
2007	92	93.1	89.5	94.6	94.1	97.1	86.4	101.1
2008	82	93.5	89.2	94.7	94.6	96.8	86.6	101.4
2009	62	93.3	89.3	94.9	94.5	97.0	86.8	100.9
2010	33	93.1	88.7	94.9	94.7	95.7	86.0	101.5
2011	32	91.6	88.4	93.9	93.7	96.0	86.5	99.2
2012	21	91.1	88.5	93.3	93.4	96.3	86.1	99.5
2013	21	92.4	88.4	94.1	93.9	96.2	86.2	99.2

Tabel: 75 Fries Hollands - zwartbont: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	81417	90.5	97.3	100.9	80.9	85.9
1981	68062	90.2	97.5	100.5	80.9	85.7
1982	42654	89.9	97.7	100.1	80.8	85.4
1983	24920	90.1	98.4	99.7	81.5	85.5
1984	10923	90.3	98.6	99.4	82.1	85.7
1985	5692	90.4	98.7	99.0	82.3	85.8
1986	2902	90.6	98.5	99.3	82.5	86.1
1987	1560	90.7	98.7	99.0	82.6	86.2
1988	1110	90.8	98.7	99.0	82.6	86.4
1989	846	91.6	98.6	98.9	83.2	87.1
1990	775	91.9	98.6	99.0	83.5	87.5
1991	561	92.2	98.8	98.6	83.7	87.9
1992	552	92.4	99.5	98.4	83.9	88.2
1993	501	92.5	99.6	98.5	83.9	88.4
1994	431	92.7	99.7	98.4	84.0	88.8

1995	406	93.1	99.8	97.9	84.3	89.1
1996	413	93.2	99.5	98.1	84.5	89.3
1997	294	93.4	99.7	98.2	84.6	89.7
1998	278	93.6	99.8	97.8	84.8	90.1
1999	262	94.4	99.5	98.2	85.3	90.9
2000	346	94.2	99.6	98.0	85.2	90.7
2001	318	93.9	99.7	97.9	85.2	90.5
2002	253	94.0	99.5	98.1	85.2	90.7
2003	249	94.0	99.8	97.9	85.2	90.7
2004	245	94.3	99.6	98.5	85.6	91.1
2005	184	94.3	99.6	98.6	85.6	91.1
2006	155	93.9	99.6	98.2	85.7	90.8
2007	92	94.0	99.2	99.1	85.3	90.8
2008	82	94.2	99.5	99.2	85.9	91.2
2009	62	94.2	99.5	99.2	86.0	91.4
2010	33	94.3	100.0	98.9	85.6	91.5
2011	32	94.8	99.3	100.4	85.9	92.4
2012	21	94.6	99.7	99.5	85.9	92.1
2013	21	95.0	99.5	100.2	86.2	92.4

Tabel: 76 Fries Hollands - zwartbont: Exterieurkenmerken uier  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1980	81417	96.4	93.1	100.3	99.3	93.8	94.3	92.7	95.2
1981	68062	96.5	93.3	100.3	99.4	93.8	94.4	92.7	95.1
1982	42654	96.6	93.5	100.2	99.5	93.7	94.5	92.9	95.0
1983	24920	96.6	93.7	99.9	99.4	93.9	94.4	93.0	94.9
1984	10923	96.8	94.0	99.4	99.7	94.1	94.2	93.1	94.8
1985	5692	96.7	94.2	99.5	99.8	94.1	94.2	93.3	95.1
1986	2902	96.8	94.3	99.4	99.8	94.3	94.4	93.4	95.1
1987	1560	97.0	95.0	99.6	99.8	94.7	94.6	94.1	95.5
1988	1110	96.9	95.2	100.0	99.6	94.7	94.8	94.3	95.7
1989	846	97.2	95.9	99.8	100.1	95.0	95.4	95.1	95.8
1990	775	97.5	96.1	99.9	100.3	95.2	95.9	95.3	96.0
1991	561	97.8	96.6	99.6	100.6	95.3	96.0	95.6	95.9
1992	552	97.7	96.7	99.2	100.4	95.2	95.8	95.5	95.6
1993	501	97.9	97.0	99.2	100.4	95.5	96.1	95.8	95.7
1994	431	98.2	97.6	99.4	100.6	95.7	96.4	96.2	95.8
1995	406	98.2	97.9	99.3	100.8	95.7	96.6	96.6	95.9
1996	413	98.1	97.8	99.2	100.6	95.6	96.7	96.6	95.8
1997	294	98.2	98.0	99.4	100.7	96.1	97.2	97.0	96.3
1998	278	98.5	99.1	99.2	100.7	96.7	97.9	97.8	96.5
1999	262	98.5	99.5	98.9	101.1	96.6	98.3	98.4	96.5
2000	346	98.8	99.8	98.8	101.2	97.1	98.6	98.7	96.8
2001	318	98.2	99.3	99.2	100.6	96.6	97.9	98.0	96.5
2002	253	98.5	99.4	99.2	100.8	97.0	98.4	98.3	96.7
2003	249	98.5	99.5	99.1	100.8	96.9	98.2	98.4	96.8
2004	245	98.9	99.4	99.2	101.2	97.3	98.7	98.6	97.3
2005	184	98.8	99.4	98.8	101.1	97.2	98.7	98.7	97.2
2006	155	98.7	99.7	99.1	100.8	97.2	98.6	98.6	97.1
2007	92	98.2	98.5	100.1	100.5	97.4	98.3	98.0	97.8
2008	82	98.6	99.9	98.8	100.6	97.8	99.1	99.2	97.6
2009	62	99.0	99.8	99.4	100.8	97.7	99.0	98.9	97.6
2010	33	99.3	100.3	98.3	101.2	98.6	100.3	99.9	97.7
2011	32	98.4	98.8	98.1	100.8	98.2	100.0	99.0	98.1
2012	21	98.0	97.8	99.4	99.9	97.8	99.6	98.2	97.8
2013	21	97.9	98.8	98.1	100.2	98.0	99.9	99.2	98.0

Tabel: 77 Fries Hollands - zwartbont: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	81417	83.2	82.5	91.7	85.0	98.8	78.6
1981	68062	83.7	82.8	91.9	84.7	99.0	78.7
1982	42654	84.0	82.8	91.9	84.4	98.8	78.5
1983	24920	84.0	83.0	92.0	84.6	98.1	78.8
1984	10923	83.6	82.8	92.3	84.8	97.6	78.9
1985	5692	83.5	82.8	92.4	84.9	97.3	79.0
1986	2902	83.5	82.9	92.6	85.2	97.1	79.3
1987	1560	83.7	83.0	93.1	85.3	97.1	79.7
1988	1110	83.9	83.2	93.2	85.5	97.0	79.9
1989	846	84.2	83.7	94.0	86.3	96.6	81.0
1990	775	84.3	83.9	94.5	86.8	96.5	81.6
1991	561	84.8	84.3	94.9	87.1	96.8	82.2
1992	552	84.9	84.6	94.7	87.5	96.3	82.4
1993	501	85.5	85.1	95.1	87.7	96.6	83.0
1994	431	85.9	85.4	95.7	88.1	96.6	83.6
1995	406	86.2	85.7	95.9	88.5	96.8	84.1
1996	413	86.6	86.0	95.8	88.7	97.0	84.4
1997	294	86.6	86.2	96.3	89.1	97.1	84.9
1998	278	86.4	86.2	97.3	89.4	96.5	85.5
1999	262	86.4	86.6	97.7	90.3	96.4	86.3
2000	346	86.6	86.6	98.2	90.0	96.6	86.4
2001	318	86.7	86.7	97.1	89.8	96.7	85.8
2002	253	86.3	86.5	97.7	90.0	96.4	86.1
2003	249	86.9	87.0	97.6	90.0	96.9	86.3
2004	245	86.8	87.1	98.2	90.6	97.2	86.9
2005	184	86.7	87.0	98.1	90.6	97.0	86.8
2006	155	86.8	86.6	98.0	90.1	96.6	86.4
2007	92	86.6	86.5	97.3	90.3	96.8	86.2
2008	82	86.7	87.0	98.5	90.6	96.5	87.0
2009	62	86.8	86.8	98.5	90.7	96.5	87.1
2010	33	86.4	86.7	99.7	91.1	95.9	87.8
2011	32	84.6	85.8	98.6	91.9	95.5	87.3
2012	21	84.3	85.6	97.5	91.6	95.2	86.3
2013	21	84.8	86.0	98.1	92.1	95.5	87.2

Tabel: 78 Fries Hollands - zwartbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	169160	103.7	100.0	99.9	100.7	100.3	99.9	88.8	100.0	100.0
1981	152043	103.6	99.9	99.9	100.7	100.3	99.5	89.1	99.9	99.9
1982	101542	103.6	99.6	99.8	100.5	100.2	99.5	89.2	99.7	99.8
1983	63741	103.4	99.1	99.5	99.9	99.9	99.4	89.6	99.2	99.4
1984	32128	103.3	98.6	99.3	99.4	99.7	99.3	90.1	98.8	99.2
1985	18145	103.1	98.4	99.0	99.1	99.5	99.3	90.3	98.5	98.9
1986	9827	103.0	98.4	98.9	99.0	99.4	99.1	90.6	98.5	98.8
1987	6263	102.9	98.2	98.8	98.9	99.3	98.9	90.6	98.3	98.7
1988	4764	102.7	98.1	98.7	98.7	99.1	98.9	90.7	98.2	98.5
1989	3981	102.7	97.9	98.6	98.6	99.1	99.2	91.2	98.0	98.5
1990	3321	102.6	97.8	98.6	98.4	99.1	99.2	91.3	98.0	98.5
1991	2857	102.5	98.0	98.7	98.6	99.2	99.4	91.9	98.1	98.6
1992	2469	102.2	98.4	98.8	98.8	99.1	99.4	92.1	98.4	98.8
1993	2277	102.1	98.3	98.6	98.8	99.0	99.4	92.1	98.3	98.6



1994	2186	101.9	98.3	98.4	98.6	98.8	99.4	92.0	98.1	98.5
1995	2087	101.8	98.2	98.4	98.6	98.8	99.3	92.3	98.1	98.5
1996	1869	101.7	98.3	98.5	98.6	98.8	99.2	92.5	98.1	98.5
1997	1568	101.6	98.3	98.5	98.6	98.8	99.1	92.7	98.2	98.5
1998	1451	101.2	98.1	98.1	98.3	98.5	98.9	92.6	97.8	98.1
1999	1276	101.2	98.2	98.2	98.4	98.5	99.0	92.7	97.9	98.2
2000	1191	101.4	98.0	98.3	98.3	98.7	99.2	92.9	97.9	98.3
2001	1184	101.4	97.9	98.2	98.2	98.7	99.1	93.0	97.8	98.2
2002	994	101.2	97.8	98.0	98.1	98.5	99.1	93.0	97.6	98.1
2003	943	101.7	97.5	98.1	98.0	98.7	99.4	92.9	97.6	98.2
2004	950	102.0	97.6	98.3	98.2	98.9	99.5	92.5	97.7	98.4
2005	804	101.8	97.4	98.1	97.9	98.7	99.3	92.6	97.4	98.1
2006	791	101.5	97.8	98.3	98.2	98.8	99.3	93.1	97.8	98.3
2007	717	101.2	97.9	98.1	98.2	98.5	98.7	93.2	97.8	98.1
2008	702	101.5	98.1	98.6	98.5	99.0	99.2	93.3	98.1	98.5
2009	589	101.7	98.0	98.7	98.5	99.2	99.4	93.3	98.2	98.7
2010	553	101.6	98.2	98.7	98.6	99.1	99.1	93.2	98.2	98.6
2011	548	101.5	98.1	98.7	98.6	99.1	99.1	93.3	98.2	98.6
2012	539	101.3	98.4	98.8	98.8	99.2	99.0	93.7	98.4	98.7
2013	329	100.9	98.6	98.8	98.9	99.0	98.9	94.3	98.5	98.7
2014	320	101.2	98.5	98.9	98.9	99.2	99.2	94.0	98.5	98.8
2015	282	100.7	98.7	98.8	98.9	99.0	99.1	95.0	98.6	98.7
2016	273	101.1	99.0	99.2	99.3	99.4	99.4	94.8	99.0	99.1
2017	211	101.0	98.8	99.0	99.1	99.3	99.4	94.7	98.8	99.0
2018	222	100.9	98.9	99.1	99.2	99.4	99.4	94.9	98.9	99.1
2019	237	101.1	99.1	99.4	99.4	99.5	99.4	94.8	99.1	99.3
2020	236	100.6	99.1	99.1	99.3	99.2	99.1	95.3	98.9	99.0
2021	175	100.6	99.4	99.3	99.6	99.4	99.4	95.5	99.2	99.3
2022	32	100.6	99.7	99.6	99.9	99.6	99.7	95.4	99.5	99.5

Tabel: 79 Fries Hollands - zwartbont: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	17610	96.8	92.0	97.8	103.5	104.7
1981	14100	96.9	92.8	97.7	103.4	104.6
1982	8392	96.9	92.9	97.4	103.0	104.4
1983	5426	97.0	92.8	97.5	103.1	104.4
1984	2885	97.0	92.7	97.6	103.1	104.3
1985	1765	96.8	92.8	97.5	103.0	104.2
1986	1050	97.0	93.0	97.5	102.9	104.2
1987	616	96.8	92.6	97.4	102.8	104.1
1988	436	96.7	93.0	97.2	102.5	103.9
1989	414	97.4	94.1	97.0	102.0	103.8
1990	365	97.7	94.8	96.7	101.6	103.5
1991	355	97.8	95.2	96.5	101.2	103.3
1992	393	97.5	94.3	96.3	101.0	103.1
1993	359	97.7	94.1	96.4	101.1	102.9
1994	306	97.7	94.4	96.3	100.9	102.8
1995	267	98.0	95.0	96.3	100.8	102.9
1996	253	97.9	95.5	96.2	100.7	102.7
1997	162	98.1	95.1	96.6	100.7	102.7
1998	149	98.7	96.3	96.0	99.9	102.0
1999	140	99.2	96.4	95.7	99.6	101.6
2000	129	98.9	96.2	95.6	99.1	101.6
2001	76	97.7	96.9	95.6	99.2	101.3
2002	54	98.5	96.9	95.2	98.6	100.9
2003	41	98.3	96.4	95.7	99.0	101.3
2004	32	98.4	95.9	95.6	99.0	101.7
2005	26	99.4	95.6	95.5	98.7	101.1

2006	41	97.3	96.2	95.6	98.6	100.8
2007	22	98.4	95.3	95.6	98.9	100.8
2008	24	99.2	96.8	95.6	98.7	100.4
2009	22	98.7	95.6	95.7	98.6	100.5
2010	26	99.3	96.5	95.6	98.8	100.2
2011	36	99.6	95.5	96.2	99.2	100.4
2012	22	99.5	96.0	96.3	98.9	100.2
2013	22	99.7	96.1	96.3	98.8	100.1
2019	10	97.6	98.2	98.3	100.3	101.0

Tabel: 80 Fries Hollands - zwartbont: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	22982	-231.4	-374.8	-145.0	104.7	100.0	91.7	85.0	97.7	0.0
1981	20477	-237.0	-375.0	-173.2	104.6	99.9	91.9	84.7	97.7	0.0
1982	14741	-242.5	-369.1	-200.5	104.2	99.8	91.9	84.4	97.3	0.0
1983	12626	-243.5	-352.4	-236.7	104.3	99.4	92.0	84.6	97.2	0.0
1984	9307	-254.3	-338.8	-347.7	104.3	99.2	92.3	84.8	97.0	0.0
1985	7321	-260.5	-332.8	-455.4	104.1	98.9	92.4	84.9	96.9	148.4
1986	5005	-259.4	-327.4	-530.2	104.1	98.8	92.6	85.2	97.0	139.0
1987	3560	-260.8	-323.7	-587.8	103.9	98.7	93.1	85.3	97.1	126.6
1988	3319	-264.8	-328.8	-631.5	103.7	98.5	93.2	85.5	97.3	113.8
1989	2989	-253.5	-313.8	-630.1	103.4	98.5	94.0	86.3	97.5	103.2
1990	2547	-245.5	-304.3	-606.1	103.1	98.5	94.5	86.8	97.7	101.9
1991	2140	-235.7	-291.6	-592.7	102.7	98.6	94.9	87.1	97.8	92.6
1992	1844	-233.9	-289.7	-582.3	102.5	98.8	94.7	87.5	97.7	96.8
1993	1676	-226.8	-277.4	-562.8	102.4	98.6	95.1	87.7	97.8	91.8
1994	1665	-216.9	-265.5	-543.1	102.3	98.5	95.7	88.1	98.2	81.7
1995	1549	-204.1	-251.4	-505.9	102.3	98.5	95.9	88.5	98.2	78.5
1996	1464	-194.4	-234.5	-477.0	102.0	98.5	95.8	88.7	98.1	77.2
1997	1199	-187.2	-222.9	-466.5	102.1	98.5	96.3	89.1	98.1	74.2
1998	1085	-180.8	-205.4	-452.5	101.2	98.1	97.3	89.4	98.1	77.0
1999	925	-173.9	-192.5	-431.9	100.8	98.2	97.7	90.3	98.0	78.0
2000	830	-171.5	-179.1	-412.9	100.6	98.3	98.2	90.0	98.0	87.7
2001	782	-169.4	-169.4	-388.3	100.5	98.2	97.1	89.8	97.9	89.2
2002	612	-164.9	-158.5	-376.0	99.9	98.1	97.7	90.0	98.2	85.9
2003	589	-158.5	-151.4	-360.1	100.4	98.2	97.6	90.0	98.4	86.9
2004	552	-152.8	-157.6	-337.2	100.6	98.4	98.2	90.6	98.3	96.2
2005	452	-150.1	-150.5	-331.5	100.1	98.1	98.1	90.6	98.1	97.0
2006	460	-144.7	-128.7	-307.2	99.9	98.3	98.0	90.1	98.0	85.6
2007	407	-140.3	-135.3	-286.1	100.0	98.1	97.3	90.3	98.3	94.4
2008	428	-139.0	-133.0	-285.8	99.6	98.5	98.5	90.6	98.7	83.0
2009	330	-137.9	-129.6	-281.3	99.7	98.7	98.5	90.7	98.6	82.4
2010	315	-129.9	-107.5	-237.0	99.5	98.6	99.7	91.1	98.9	75.7
2011	300	-121.2	-101.2	-190.1	99.9	98.6	98.6	91.9	99.1	70.8
2012	282	-118.7	-89.0	-197.4	99.6	98.7	97.5	91.6	99.4	60.8
2013	265	-114.1	-76.3	-165.2	99.5	98.7	98.1	92.1	99.5	80.4
2014	272	-106.9	-68.8	-159.0	99.1	98.8	95.0	89.0	99.4	29.2
2015	241	-106.9	-79.4	-156.3	99.9	98.7	98.5	89.5	99.4	17.3
2016	241	-96.7	-81.0	-144.4	100.1	99.1	95.7	91.2	99.8	16.6
2017	172	-94.9	-73.2	-129.2	99.6	99.0	95.0	89.0	100.0	18.4
2018	174	-71.8	-53.0	-86.1	100.6	99.1	96.3	91.3	100.3	12.9
2019	198	-69.4	-41.8	-82.9	100.8	99.3	97.0	91.4	100.1	12.1
2020	204	-70.2	-51.4	-109.9	100.1	99.0	98.3	90.3	100.2	10.2
2021	152	-50.5	-36.9	-53.3	100.8	99.3	104.0	88.0	100.4	8.1

Tabel: 81 Fries Hollands - zwartbont: Levensvatbaarheidskenmerken

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	18475	98.2	98.6	98.2	98.6	98.8	98.5
1981	15233	98.1	98.6	98.1	98.6	98.7	98.5
1982	9455	97.9	98.3	97.9	98.3	98.4	98.3
1983	7127	97.6	98.3	97.6	98.3	98.1	98.1
1984	4493	97.9	97.9	97.9	97.9	98.2	97.7
1985	3074	97.7	98.0	97.7	98.0	98.1	97.6
1986	1908	97.9	98.1	97.9	98.1	98.3	97.9
1987	1335	98.0	98.1	98.0	98.1	98.4	97.9
1988	1152	98.3	98.1	98.3	98.1	98.7	98.0
1989	1261	98.2	98.6	98.2	98.6	98.8	98.2
1990	1383	98.3	98.7	98.3	98.7	98.9	98.1
1991	1508	98.4	98.8	98.4	98.8	99.0	98.1
1992	1479	98.4	98.6	98.4	98.6	98.9	98.0
1993	1756	98.7	98.6	98.7	98.6	99.2	98.3
1994	2182	99.0	98.9	99.0	98.9	99.5	98.6
1995	2129	98.9	99.0	98.9	99.0	99.4	98.5
1996	1847	98.9	98.9	98.9	98.9	99.4	98.4
1997	1651	98.8	98.9	98.8	98.9	99.2	98.4
1998	1527	99.0	98.6	99.0	98.6	99.7	98.0
1999	1446	99.0	98.6	99.0	98.6	99.7	97.7
2000	1361	98.9	98.8	98.9	98.8	99.5	97.9
2001	1302	98.9	98.7	98.9	98.7	99.6	97.8
2002	1114	99.0	98.9	99.0	98.9	99.8	97.9
2003	1072	99.1	99.1	99.1	99.1	99.8	98.1
2004	1077	99.3	98.8	99.3	98.8	100.2	98.1
2005	834	99.2	98.7	99.2	98.7	99.9	97.9
2006	840	99.1	98.6	99.1	98.6	99.8	97.9
2007	739	99.2	98.8	99.2	98.8	99.9	98.1
2008	659	99.5	99.1	99.5	99.1	100.1	98.6
2009	581	99.5	99.0	99.5	99.0	100.2	98.7
2010	546	99.6	99.2	99.6	99.2	100.4	99.0
2011	519	99.7	99.3	99.7	99.3	100.6	98.9
2012	522	99.7	99.5	99.7	99.5	100.3	99.1
2013	429	99.8	99.6	99.8	99.6	100.2	99.3
2014	409	99.8	99.4	99.8	99.4	100.5	99.3
2015	400	100.0	99.3	100.0	99.3	100.5	99.0
2016	413	100.2	99.6	100.2	99.6	100.8	99.3
2017	335	100.4	99.7	100.4	99.7	101.0	99.2
2018	322	100.5	99.8	100.5	99.8	101.3	99.5
2019	336	100.4	99.7	100.4	99.7	101.3	99.4
2020	316	100.6	99.8	100.6	99.8	101.4	99.6
2021	319	100.6	99.9	100.6	99.9	101.3	99.6
2022	276	100.7	99.9	100.7	99.9	101.6	99.6
2023	263	100.3	100.0	100.3	100.0	101.2	99.5
2024	22	100.4	100.0	100.4	100.0	101.5	99.7

Tabel: 82 Fries Hollands - zwartbont: Geboortekennmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	28171	98.4	100.5	102.6	98.4	97.0	94.4
1981	23447	98.3	100.3	102.7	98.1	96.7	94.3
1982	15001	98.1	100.4	102.9	98.1	96.2	94.3
1983	15890	98.1	100.4	102.7	97.4	97.1	95.1
1984	8942	98.0	100.5	102.6	96.9	98.0	95.9

1985	4798	97.9	100.5	102.6	96.4	98.5	96.5
1986	2474	98.2	100.6	102.4	96.2	98.6	96.7
1987	1473	97.9	100.0	102.5	96.3	98.7	96.6
1988	1061	97.5	99.9	102.9	96.1	98.6	96.7
1989	825	98.1	99.9	102.4	95.1	99.2	97.8
1990	724	98.8	99.7	101.8	95.1	99.6	98.1
1991	658	98.6	100.0	102.0	94.8	99.7	98.6
1992	519	98.5	100.1	102.2	95.3	99.4	98.1
1993	541	99.0	99.9	101.8	96.0	99.1	97.5
1994	507	99.6	99.0	101.4	96.4	98.8	96.9
1995	477	98.7	99.9	102.2	95.6	99.1	98.0
1996	477	99.0	99.2	101.9	95.7	99.2	98.2
1997	377	99.1	99.1	101.8	95.5	99.8	98.5
1998	406	99.5	98.7	101.4	95.3	100.0	98.8
1999	415	99.0	98.9	101.8	95.1	100.0	98.6
2000	439	98.3	99.5	102.5	95.0	100.1	99.1
2001	407	98.2	99.1	102.6	95.5	100.0	98.6
2002	309	99.3	98.7	101.6	95.8	99.7	98.3
2003	322	99.0	99.4	102.0	96.1	99.4	98.2
2004	366	99.1	99.2	102.0	96.9	99.2	97.6
2005	369	98.5	98.7	102.4	96.2	99.5	98.1
2006	344	98.9	98.6	102.1	96.6	99.5	98.0
2007	421	98.9	98.6	102.2	97.5	99.9	97.6
2008	387	99.3	98.8	102.0	97.9	100.0	97.7
2009	358	99.0	98.8	102.1	97.8	99.8	97.5
2010	317	99.4	99.0	101.9	97.9	99.9	97.7
2011	307	99.7	98.4	101.8	98.8	99.9	97.4
2012	276	99.8	98.1	101.8	99.0	100.0	97.5
2013	298	99.6	98.4	102.1	99.3	99.6	97.4
2014	338	99.6	98.0	102.1	99.4	99.8	97.5
2015	294	99.7	97.9	102.0	99.4	99.9	97.2
2016	327	99.7	98.1	102.0	100.1	99.9	97.0
2017	212	100.3	98.3	101.6	99.9	99.3	97.0
2018	252	100.4	97.6	101.5	100.3	98.6	96.6
2019	206	100.3	97.6	101.6	100.2	98.5	96.8
2020	247	100.2	97.6	101.6	100.4	99.1	96.8
2021	206	100.5	97.6	101.4	100.3	99.2	97.1
2022	180	101.0	97.8	101.1	100.5	98.9	96.7
2023	132	100.8	98.5	101.1	99.7	98.8	97.1
2024	18	99.3	98.8	102.3	101.3	99.1	96.3

Tabel: 83 Fries Hollands - zwartbont: Vleeskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	25634	100.8	101.1	95.8	96.0	107.3	94.4	101.7	93.8	106.3	93.7	97.9
1981	21482	100.8	101.1	96.1	96.2	107.3	94.6	101.7	93.9	106.3	93.9	98.1
1982	13748	101.0	101.0	96.2	96.1	107.3	94.7	101.8	94.0	106.3	93.9	98.3
1983	9658	100.5	100.0	96.5	95.6	106.3	94.8	101.4	94.3	105.5	93.8	97.7
1984	5655	100.0	98.9	96.5	95.1	105.4	94.9	100.8	94.8	104.8	93.5	97.3
1985	3812	99.8	98.4	96.5	94.9	105.0	95.0	100.7	95.0	104.4	93.6	97.0
1986	2464	99.7	98.1	96.7	94.9	104.7	95.1	100.6	95.0	104.1	93.7	96.8
1987	1821	99.4	97.9	96.8	94.7	104.4	95.1	100.3	95.1	103.9	93.7	96.6
1988	1546	99.3	97.6	96.8	94.7	104.1	95.2	100.2	95.2	103.7	93.6	96.6
1989	1612	99.5	97.0	96.6	94.8	103.7	95.2	100.3	95.7	103.2	93.8	96.3
1990	1640	99.4	97.0	97.1	94.7	103.6	95.6	100.1	95.9	103.2	94.1	96.2
1991	1700	99.2	96.6	97.0	94.8	103.2	95.8	100.1	95.8	102.8	94.3	96.1
1992	1768	98.9	96.7	97.0	94.9	103.0	96.0	100.0	95.5	102.6	94.4	96.1
1993	1731	98.8	96.2	97.4	94.7	102.8	96.2	99.8	95.5	102.3	94.7	95.8
1994	1767	98.7	96.7	97.8	94.7	103.1	96.4	99.6	95.4	102.7	94.9	95.9

1995	1779	98.7	96.7	97.9	94.9	102.9	96.7	99.6	95.5	102.5	95.2	95.9
1996	1786	98.5	96.4	97.8	94.8	102.6	96.7	99.5	95.4	102.3	95.2	95.7
1997	1770	98.5	96.6	97.9	94.8	102.6	96.8	99.4	95.5	102.4	95.3	95.7
1998	1457	98.3	96.3	98.9	94.3	102.4	97.1	99.2	95.5	102.3	95.6	95.5
1999	1382	98.2	96.5	99.0	94.2	102.4	97.3	99.1	95.5	102.4	96.0	95.4
2000	1211	98.0	96.3	99.0	94.2	102.3	97.4	98.9	95.5	102.3	95.9	95.2
2001	1160	97.7	96.2	98.6	94.4	101.9	97.8	98.7	95.2	102.1	96.1	95.3
2002	1110	97.4	96.0	99.0	94.1	101.6	98.0	98.4	95.1	101.9	96.2	95.0
2003	1091	97.2	96.0	98.6	94.1	101.5	98.1	98.2	95.2	101.9	96.2	94.9
2004	1047	97.2	96.2	98.6	94.2	101.4	98.3	98.1	95.4	102.0	96.4	94.9
2005	818	97.1	96.1	98.6	94.3	101.3	98.3	97.9	95.6	101.8	96.3	94.8
2006	767	96.8	95.6	98.8	94.1	100.7	98.4	97.7	95.6	101.4	96.4	94.6
2007	607	96.9	95.5	99.1	94.1	100.7	98.4	97.9	95.4	101.2	96.4	94.8
2008	490	96.4	95.3	98.7	94.6	99.8	99.0	97.4	95.6	100.9	96.3	95.0
2009	392	96.5	95.2	98.9	94.3	100.0	98.6	97.4	95.7	100.8	96.3	94.6
2010	325	96.2	94.8	99.1	94.2	99.5	99.0	97.1	95.7	100.5	96.5	94.6
2011	204	96.2	95.1	99.0	94.1	99.9	99.1	96.9	95.8	101.0	96.5	94.6
2012	103	95.9	95.3	98.8	93.9	100.2	99.8	96.3	95.7	101.6	96.8	94.5
2013	75	95.9	95.4	99.2	94.3	99.9	100.2	96.3	95.9	101.5	97.1	94.9
2014	20	93.7	93.5	99.3	93.0	97.6	101.2	94.1	95.8	100.4	96.8	93.7

Tabel: 84 Fries Hollands - zwartbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	19099	96.7	96.3	99.5
1981	16085	96.7	96.2	99.5
1982	10071	96.5	95.9	99.5
1983	7553	96.8	96.2	99.8
1984	4712	97.1	96.3	100.0
1985	3206	97.0	96.2	100.1
1986	1978	97.1	96.3	100.0
1987	1344	97.3	96.4	100.2
1988	1162	97.4	96.5	100.4
1989	1260	97.3	96.2	100.5
1990	1411	97.4	96.4	100.5
1991	1484	97.5	96.5	100.4
1992	1440	97.3	96.5	100.2
1993	1835	97.3	96.5	100.1
1994	2521	97.6	96.8	100.2
1995	2522	97.6	96.8	100.3
1996	2282	97.7	96.9	100.4
1997	2036	97.9	97.0	100.5
1998	1854	98.1	97.4	100.2
1999	1769	98.2	97.6	100.1
2000	1601	98.0	97.4	99.9
2001	1602	98.2	97.7	100.1
2002	1413	98.3	97.8	100.1
2003	1309	98.1	97.7	99.8
2004	1344	98.2	97.8	99.7
2005	1079	98.3	97.9	99.8
2006	981	98.2	98.0	99.5
2007	896	98.8	98.4	100.1
2008	794	98.5	98.1	100.2
2009	725	98.6	98.2	100.2
2010	641	99.1	98.7	100.5
2011	586	99.4	99.0	100.7
2012	586	99.8	99.4	100.8
2013	429	99.8	99.5	100.7
2014	419	99.9	99.6	100.8

2015	413	100.1	99.6	101.0
2016	427	100.3	99.8	101.3
2017	341	100.0	99.4	101.3
2018	339	100.4	99.7	101.6
2019	343	100.4	99.9	101.5
2020	328	100.2	99.5	101.5
2021	309	100.3	99.6	101.6
2022	294	100.6	99.8	101.9
2023	245	100.6	99.9	101.8
2024	18	101.0	99.9	102.4

Tabel: 85 Fries Hollands - zwartbont: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	873	-3375.8	-13681.2	-560.3	-489.5
2002	681	-3284.9	-13317.7	-544.6	-476.5
2003	652	-3182.7	-12862.2	-526.7	-462.4
2004	636	-3071.7	-12382.5	-505.7	-447.6
2005	509	-3019.3	-12124.1	-499.7	-438.9
2006	496	-2808.8	-11320.8	-462.0	-409.7
2007	440	-2700.0	-10949.8	-445.9	-392.6
2008	456	-2684.5	-10917.3	-439.6	-392.3
2009	351	-2641.7	-10617.5	-434.5	-385.5
2010	316	-2325.3	-9345.8	-377.1	-342.1
2011	298	-2021.6	-8160.9	-323.8	-299.3
2012	281	-2020.7	-8252.8	-326.0	-297.7
2013	262	-1783.6	-7261.3	-282.8	-265.4
2014	272	-1726.3	-7019.0	-272.5	-257.6
2015	243	-1737.6	-7068.6	-275.6	-258.6
2016	235	-1658.4	-6735.5	-258.7	-249.0
2017	166	-1528.4	-6199.5	-235.3	-231.1
2018	175	-1225.6	-5059.7	-185.0	-186.8
2019	201	-1163.8	-4768.6	-175.7	-177.5
2020	202	-1375.9	-5552.0	-213.0	-207.5
2021	171	-975.2	-4048.9	-147.0	-148.8

Tabel: 86 Fries Hollands - zwartbont: Robot / AMS kenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	48	92.8	94.2	100.8	91.5
1981	27	92.0	94.5	101.0	91.2
1982	23	95.8	94.0	98.6	92.9
1983	57	96.0	95.1	97.8	93.1
1984	58	95.9	95.2	97.7	93.2
1985	43	96.2	94.7	97.6	93.1
1986	25	96.0	95.4	98.0	93.6
1987	14	95.9	95.9	98.3	93.8
1989	11	96.5	95.1	99.1	94.8
1990	12	95.8	96.5	99.2	94.3
1995	11	96.5	98.6	99.2	96.2
1996	23	96.3	97.8	99.3	95.7
1997	22	96.3	97.0	99.1	95.4
1998	20	95.5	95.8	98.8	93.3
1999	19	96.4	96.5	98.4	93.7

2000	41	97.1	96.0	99.5	94.8
2001	35	96.6	95.4	99.3	93.7
2002	29	96.7	96.4	99.1	94.4
2003	41	97.0	95.8	98.8	94.0
2004	35	96.9	95.7	98.9	94.0
2005	40	97.6	96.0	99.3	95.2
2006	55	97.0	95.7	98.7	93.7
2007	43	96.2	93.8	99.5	92.7
2008	62	96.7	94.9	99.5	93.9
2009	49	97.8	94.9	98.8	94.0
2010	45	97.4	94.8	99.5	94.2
2011	48	97.7	95.2	99.2	94.7
2012	51	98.1	92.6	99.2	93.3
2013	73	97.9	94.5	99.1	94.1
2014	77	98.1	94.7	99.1	94.5
2015	67	98.2	97.0	99.6	96.6
2016	84	98.8	99.5	99.0	97.8
2017	53	98.1	99.8	99.1	97.5
2018	53	98.4	102.8	98.4	99.1
2019	64	98.3	103.6	98.7	99.9
2020	67	99.2	104.0	98.9	100.7
2021	42	99.8	104.3	99.5	102.1

Tabel: 87 Fries Hollands - zwartbont: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	22982	95.3	101.1	0	0.0	0.0	0	0.0
1981	20477	95.2	100.6	0	0.0	0.0	0	0.0
1982	14741	95.2	100.3	0	0.0	0.0	0	0.0
1983	12626	95.3	100.3	0	0.0	0.0	0	0.0
1984	9307	95.6	100.3	0	0.0	0.0	0	0.0
1985	7321	95.7	100.3	5550	-4.4	148.4	0	0.0
1986	5005	95.8	100.2	2956	-4.2	139.0	0	0.0
1987	3560	95.8	100.0	1683	-4.0	126.6	0	0.0
1988	3319	95.7	99.7	1265	-3.8	113.8	0	0.0
1989	2989	95.6	99.3	982	-3.5	103.2	0	0.0
1990	2547	95.6	99.2	916	-3.4	101.9	0	0.0
1991	2140	95.6	99.0	719	-3.3	92.6	0	0.0
1992	1844	95.7	99.1	695	-3.3	96.8	0	0.0
1993	1676	95.9	99.2	634	-3.1	91.8	0	0.0
1994	1665	96.4	99.2	620	-2.9	81.7	0	0.0
1995	1549	96.3	99.1	626	-2.7	78.5	0	0.0
1996	1464	96.5	99.1	627	-2.7	77.2	0	0.0
1997	1199	97.0	99.1	464	-2.6	74.2	0	0.0
1998	1085	96.9	98.9	448	-2.6	77.0	0	0.0
1999	925	97.1	98.9	400	-2.5	78.0	0	0.0
2000	830	97.1	98.8	447	-2.6	87.7	0	0.0
2001	782	97.0	98.8	409	-2.6	89.2	293	89.9
2002	612	97.0	98.6	333	-2.5	85.9	226	89.5
2003	589	97.1	98.8	330	-2.5	86.9	226	90.0
2004	552	97.0	99.2	303	-2.7	96.2	231	89.8
2005	452	97.2	98.9	247	-2.7	97.0	168	89.4
2006	460	97.1	98.6	203	-2.3	85.6	146	89.3
2007	407	96.9	99.0	129	-2.7	94.4	69	88.5
2008	428	96.5	98.6	122	-2.3	83.0	61	88.4
2009	330	96.6	98.6	95	-2.2	82.4	50	88.4
2010	315	96.7	98.8	59	-1.9	75.7	30	87.1
2011	300	97.0	98.8	56	-1.6	70.8	32	86.8
2012	282	97.1	98.7	48	-1.5	60.8	21	87.0

2013	265	97.6	99.0	28	-1.7	80.4	21	87.4
2014	272	97.4	98.9	26	-0.8	29.2	5	89.4
2015	241	97.5	98.3	31	-0.4	17.3	4	91.2
2016	241	97.1	98.5	60	-0.6	16.6	6	92.2
2017	172	97.7	99.2	37	-0.6	18.4	4	89.8
2018	174	97.9	99.0	60	-0.4	12.9	3	91.7
2019	198	98.6	99.4	57	-0.2	12.1	5	89.6
2020	204	97.8	98.7	79	-0.3	10.2	3	92.0
2021	152	98.3	99.5	54	-0.3	8.1	1	86.0

Tabel: 88 Fries Hollands - zwartbont: Stofwisselingsaandoeningen  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	2800	99.9	0	0.0	0	0.0	2800	96.7
1981	2131	99.9	0	0.0	0	0.0	2131	96.6
1982	1430	99.9	0	0.0	0	0.0	1430	96.2
1983	1246	99.9	0	0.0	0	0.0	1246	96.1
1984	783	99.9	0	0.0	0	0.0	783	96.7
1985	462	99.9	0	0.0	0	0.0	462	96.7
1986	235	99.9	0	0.0	0	0.0	235	96.4
1987	131	99.9	0	0.0	0	0.0	131	96.3
1988	83	100.0	0	0.0	0	0.0	83	96.4
1989	107	100.0	0	0.0	0	0.0	107	96.1
1990	114	100.0	0	0.0	0	0.0	114	96.3
1991	108	100.0	0	0.0	0	0.0	108	96.1
1992	107	99.9	0	0.0	0	0.0	107	96.0
1993	129	99.9	0	0.0	0	0.0	129	96.0
1994	126	99.9	0	0.0	0	0.0	126	95.5
1995	132	99.9	0	0.0	0	0.0	132	95.7
1996	175	100.0	0	0.0	0	0.0	175	95.8
1997	123	100.0	0	0.0	0	0.0	123	96.1
1998	140	99.8	0	0.0	0	0.0	140	95.4
1999	143	99.8	0	0.0	0	0.0	143	96.0
2000	161	99.8	0	0.0	0	0.0	161	95.2
2001	159	99.8	0	0.0	0	0.0	159	95.8
2002	145	99.8	0	0.0	0	0.0	145	95.4
2003	154	99.9	0	0.0	0	0.0	154	95.9
2004	187	99.8	0	0.0	0	0.0	187	95.6
2005	151	99.8	0	0.0	0	0.0	151	95.7
2006	222	99.8	0	0.0	0	0.0	222	95.5
2007	224	99.8	0	0.0	0	0.0	224	95.7
2008	260	99.8	0	0.0	0	0.0	260	95.9
2009	223	99.8	0	0.0	0	0.0	223	95.5
2010	253	99.8	0	0.0	0	0.0	253	95.7
2011	248	99.8	0	0.0	0	0.0	248	95.9
2012	236	99.8	0	0.0	0	0.0	236	95.8
2013	226	99.8	0	0.0	0	0.0	226	96.1
2014	228	99.9	0	0.0	0	0.0	228	96.5
2015	207	99.8	0	0.0	0	0.0	207	95.9
2016	210	99.8	0	0.0	0	0.0	210	96.0
2017	143	99.8	0	0.0	0	0.0	143	95.6
2018	148	99.9	0	0.0	0	0.0	148	96.7
2019	156	99.9	0	0.0	0	0.0	156	97.0
2020	162	99.9	0	0.0	0	0.0	162	96.9
2021	125	100.0	0	0.0	0	0.0	125	96.9

Tabel: 89 Fries Hollands - roodbont: Melkproductiekenmerken



Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	61	-1521.5	-58.9	-65.4	-70.8	19.2	-18.6	-1.5	-413.1
1981	56	-1566.0	-53.6	-66.6	-72.8	33.5	-18.1	-1.4	-407.4
1982	41	-1535.0	-49.5	-65.2	-71.4	39.0	-17.5	-1.6	-392.7
1983	21	-1582.3	-56.6	-65.5	-73.6	28.8	-14.7	-1.5	-409.3
1984	22	-1459.0	-53.4	-60.5	-67.9	23.6	-13.0	-1.4	-380.4
1985	24	-1403.9	-54.5	-59.7	-65.4	16.2	-15.8	-1.5	-379.0
1986	20	-1440.0	-56.0	-62.2	-67.2	17.3	-17.5	-1.6	-392.8
1987	16	-1408.5	-47.7	-58.4	-65.6	30.1	-12.4	-1.6	-359.1
1988	10	-1572.3	-60.5	-62.4	-73.0	19.5	-8.6	-1.3	-404.9
1990	22	-1303.6	-47.3	-54.3	-60.8	22.0	-12.1	-1.6	-340.3
1991	16	-1203.8	-37.9	-45.4	-56.2	30.2	-1.5	-1.6	-282.6
1993	12	-1136.2	-43.5	-51.0	-53.2	14.1	-16.7	-1.6	-316.5
1994	23	-1214.9	-43.0	-50.0	-56.8	20.9	-9.4	-1.7	-312.2
1995	35	-1483.5	-63.3	-58.9	-69.1	5.5	-8.1	-1.6	-395.4
1996	20	-1294.0	-50.5	-50.8	-60.5	14.8	-5.2	-1.9	-332.6
1997	24	-1474.4	-64.1	-55.9	-68.7	3.2	-2.9	-1.6	-384.4
1998	21	-1303.3	-49.1	-52.3	-60.7	17.6	-7.8	-1.3	-336.0
1999	30	-1137.5	-48.6	-48.4	-53.2	4.2	-11.5	-1.7	-316.7
2000	25	-1270.5	-53.7	-50.6	-58.0	6.1	-6.6	0.6	-337.8
2001	31	-1316.0	-54.8	-50.0	-59.3	7.2	-2.6	2.3	-337.8
2002	27	-1253.3	-51.4	-48.7	-55.6	8.5	-4.6	4.1	-324.5
2003	35	-1142.8	-48.0	-46.3	-51.6	5.6	-7.4	2.2	-306.1
2004	25	-944.8	-35.4	-39.4	-37.9	12.2	-8.0	10.2	-247.5
2005	32	-1146.8	-41.4	-44.9	-47.5	18.6	-4.5	10.1	-285.4
2006	29	-1008.3	-42.0	-42.1	-41.1	5.7	-8.6	10.0	-273.1
2007	16	-1154.2	-43.8	-44.1	-50.9	14.5	-2.5	4.3	-288.0
2008	26	-926.6	-35.8	-38.2	-37.7	10.8	-6.5	9.5	-243.0
2009	24	-921.5	-36.4	-35.9	-40.1	9.0	-2.8	4.1	-235.5
2010	25	-1224.7	-50.4	-45.6	-54.7	8.1	0.4	3.0	-309.1
2011	16	-1052.7	-40.1	-39.4	-44.2	12.5	-1.1	8.2	-259.2
2012	17	-865.4	-35.5	-35.6	-36.1	5.5	-6.3	6.8	-231.6
2013	18	-805.8	-33.2	-34.2	-35.4	5.0	-7.9	3.1	-220.8
2014	17	-665.2	-22.1	-28.2	-27.5	13.5	-6.2	5.5	-170.4
2015	18	-870.8	-34.5	-38.3	-37.3	7.1	-11.4	5.4	-240.4
2016	15	-408.3	-10.1	-20.3	-16.8	13.9	-8.5	3.5	-109.6
2017	17	-519.8	-15.1	-24.2	-23.0	13.9	-8.3	1.8	-137.9
2018	22	-556.3	-16.8	-26.4	-22.2	13.7	-9.5	6.0	-149.9
2020	14	-514.1	-17.6	-26.0	-19.1	10.1	-11.4	7.7	-149.3
2021	12	-339.7	-12.8	-20.2	-10.7	3.5	-12.6	8.2	-113.0

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

Tabel: 90 Fries Hollands - roodbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	410	103.9	101.3	100.9	101.9	101.2	101.3	89.5	101.2	101.3
1981	366	103.2	101.0	100.3	101.5	100.5	100.2	89.5	100.8	100.5
1982	280	102.8	101.0	100.1	101.3	100.3	100.0	89.9	100.7	100.4
1983	182	102.3	100.3	99.6	100.4	99.7	99.9	90.1	99.9	99.8
1984	70	102.5	100.0	99.6	100.3	99.7	99.5	90.5	99.7	99.6
1985	43	103.0	99.9	99.6	100.3	100.2	100.2	90.0	99.8	99.9
1986	31	102.4	100.5	99.7	100.8	99.9	99.3	90.5	100.1	99.8
1987	25	102.0	100.8	99.4	100.6	99.6	98.9	90.6	99.9	99.5
1988	15	101.7	100.3	99.4	100.0	99.5	100.3	90.5	99.8	99.7
1989	18	102.1	98.8	98.1	99.1	98.9	99.3	89.2	98.2	98.4

1990	28	101.4	100.4	99.1	100.2	99.2	99.7	91.6	99.6	99.4
1991	22	102.0	99.6	99.2	100.0	99.6	100.4	91.5	99.1	99.6
1992	11	101.6	98.5	98.2	98.7	98.7	100.1	91.1	98.1	98.7
1993	23	101.9	98.9	98.7	99.1	99.0	99.3	90.4	98.6	98.8
1994	30	100.3	99.9	97.9	99.3	97.9	99.2	91.8	98.7	98.4
1995	42	101.4	100.9	99.4	100.7	99.6	100.1	91.6	100.1	99.9
1996	37	101.1	101.7	100.0	101.4	99.9	99.8	92.7	100.9	100.3
1997	37	101.0	101.4	99.6	101.1	99.4	99.4	91.4	100.4	99.9
1998	41	101.1	101.4	99.6	101.1	99.7	99.7	91.0	100.4	100.0
1999	47	101.3	101.0	99.3	100.9	99.6	99.8	90.9	100.0	99.8
2000	41	100.4	102.0	99.5	101.2	99.2	99.1	91.6	100.7	99.7
2001	47	100.2	101.3	99.2	100.7	99.0	99.1	92.5	100.2	99.4
2002	51	99.7	101.5	98.8	100.6	98.6	98.9	92.7	100.1	99.2
2003	64	99.6	100.7	98.2	99.7	98.0	99.2	93.2	99.3	98.7
2004	39	100.9	100.6	99.3	100.3	99.4	99.9	93.3	99.9	99.6
2005	51	101.1	101.2	99.8	101.1	99.9	100.3	92.5	100.5	100.2
2006	52	100.5	101.2	99.2	100.7	99.2	99.5	92.9	100.2	99.6
2007	34	100.9	100.5	99.0	100.2	99.2	99.3	91.9	99.6	99.3
2008	51	100.8	100.3	98.8	99.9	99.1	99.5	92.5	99.4	99.2
2009	63	100.3	101.0	99.3	100.5	99.2	99.3	93.3	100.1	99.6
2010	60	100.8	100.8	99.3	100.5	99.4	99.7	93.3	100.0	99.7
2011	53	100.1	101.6	99.4	100.8	99.1	99.2	93.6	100.4	99.6
2012	60	100.6	101.0	99.3	100.7	99.4	99.6	93.8	100.1	99.6
2013	47	100.5	101.0	99.4	100.7	99.3	99.8	93.7	100.2	99.7
2014	38	101.1	99.3	98.8	99.5	99.2	100.2	94.2	98.9	99.1
2015	39	101.5	98.9	98.5	99.0	99.0	100.2	92.8	98.5	98.9
2016	53	100.2	99.8	98.5	99.3	98.7	99.7	94.2	99.0	98.9
2017	44	100.1	99.8	98.4	99.2	98.5	99.7	95.2	98.9	98.8
2018	56	100.6	100.3	99.4	99.9	99.4	100.0	94.1	99.7	99.7
2019	52	99.8	99.5	98.1	98.9	98.6	99.4	94.7	98.5	98.7
2020	50	100.3	100.1	98.7	99.7	98.8	99.7	93.6	99.3	99.1
2021	41	99.7	101.0	99.2	100.3	99.1	99.8	95.0	100.1	99.7
2022	17	99.8	100.8	99.1	100.2	98.9	99.6	94.1	99.9	99.4

Tabel: 91 Fries Hollands - roodbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	61	-187.1	-413.1	-79.7	104.6	101.3	92.4	85.3	98.5	0.0
1981	56	-200.4	-407.4	-56.0	104.5	100.5	92.6	85.7	98.9	0.0
1982	41	-220.7	-392.7	-109.6	103.6	100.4	93.1	85.8	98.2	0.0
1983	21	-251.0	-409.3	-75.8	104.0	99.8	92.1	85.4	99.1	0.0
1984	22	-249.7	-380.4	-310.4	104.3	99.6	91.0	84.8	97.4	0.0
1985	24	-244.2	-379.0	-446.5	103.7	99.9	93.1	85.9	97.7	125.2
1986	20	-236.1	-392.8	-504.2	103.4	99.8	93.8	85.4	97.6	105.8
1987	16	-217.8	-359.1	-579.0	103.0	99.5	94.0	84.2	97.3	86.1
1988	10	-216.0	-404.9	-543.1	103.0	99.7	97.0	90.0	96.5	65.9
1990	22	-219.8	-340.3	-610.4	101.7	99.4	94.3	87.7	99.0	60.0
1991	16	-218.6	-282.6	-508.1	101.9	99.6	92.0	85.8	98.5	75.0
1993	12	-186.7	-316.5	-558.2	101.6	98.8	96.0	88.0	98.7	50.6
1994	23	-206.3	-312.2	-467.2	102.3	98.4	94.2	87.5	98.8	82.1
1995	35	-243.6	-395.4	-560.4	102.7	99.9	94.0	88.0	98.7	56.7
1996	20	-223.3	-332.6	-419.4	103.3	100.3	89.0	86.8	98.2	60.6
1997	24	-226.5	-384.4	-551.4	102.7	99.9	91.6	85.8	98.0	52.5
1998	21	-189.5	-336.0	-482.2	102.3	100.0	91.7	86.7	98.0	51.1
1999	30	-218.8	-316.7	-510.5	102.6	99.8	93.0	86.3	98.1	74.2
2000	25	-208.9	-337.8	-486.1	102.6	99.7	94.0	87.2	98.0	76.6
2001	31	-171.5	-337.8	-300.6	103.0	99.4	92.2	89.2	98.7	76.6
2002	27	-193.8	-324.5	-396.1	102.3	99.2	91.5	86.7	98.6	67.6
2003	35	-188.4	-306.1	-457.4	102.2	98.7	91.4	87.8	98.4	59.6

2004	25	-185.9	-247.5	-384.5	101.4	99.6	93.7	87.7	98.7	59.1
2005	32	-193.9	-285.4	-434.6	101.4	100.2	90.5	85.5	98.7	62.9
2006	29	-161.9	-273.1	-427.9	101.6	99.6	95.0	88.0	98.5	52.7
2007	16	-184.5	-288.0	-438.5	101.6	99.3	92.0	86.5	98.6	50.5
2008	26	-148.7	-243.0	-334.8	101.3	99.2	94.5	87.0	98.7	30.1
2009	24	-152.4	-235.5	-236.2	101.7	99.6	92.0	87.6	99.0	53.1
2010	25	-166.6	-309.1	-270.6	101.0	99.7	93.0	85.5	99.6	72.4
2011	16	-152.9	-259.2	-325.1	101.7	99.6	92.0	84.0	99.3	27.8
2012	17	-159.4	-231.6	-202.4	101.8	99.6	93.0	88.0	99.5	46.2
2013	18	-170.4	-220.8	-244.5	101.8	99.7	89.0	83.0	99.5	48.8
2014	17	-135.9	-170.4	-238.4	101.9	99.1	91.2	88.8	99.4	62.4
2015	18	-195.6	-240.4	-369.4	101.4	98.9	93.9	88.1	99.1	89.8
2016	15	-86.5	-109.6	-200.3	102.0	98.9	99.0	89.0	99.0	27.8
2017	17	-134.6	-137.9	-251.5	100.9	98.8	0.0	0.0	99.1	20.7
2018	22	-98.4	-149.9	-121.8	101.6	99.7	89.0	88.0	99.1	28.8
2020	14	-82.6	-149.3	-75.2	102.1	99.1	91.3	88.0	99.7	55.0
2021	12	-47.9	-113.0	-11.5	102.5	99.7	0.0	0.0	99.0	22.1

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	35	98.7	99.2	98.7	99.2	99.4	97.7
1981	42	98.9	99.7	98.9	99.7	99.7	97.9
1982	31	98.7	98.8	98.7	98.8	99.6	97.0
1990	11	100.2	99.5	100.2	99.5	101.4	98.4
1991	12	99.4	99.1	99.4	99.1	100.8	98.4
1993	11	99.1	98.6	99.1	98.6	100.5	98.6
1994	14	100.0	98.9	100.0	98.9	101.6	99.1
1995	30	100.0	99.3	100.0	99.3	101.5	98.9
1996	23	98.3	99.5	98.3	99.5	100.2	98.7
1997	34	98.9	99.0	98.9	99.0	100.5	98.7
1998	33	98.8	98.7	98.8	98.7	100.8	98.8
1999	31	99.1	98.8	99.1	98.8	100.8	99.2
2000	39	98.7	98.6	98.7	98.6	100.7	99.0
2001	52	99.7	98.9	99.7	98.9	101.3	99.5
2002	51	99.3	98.9	99.3	98.9	101.2	99.4
2003	56	99.2	98.8	99.2	98.8	101.1	98.8
2004	39	99.5	98.8	99.5	98.8	101.0	99.1
2005	46	99.3	99.1	99.3	99.1	101.1	99.1
2006	53	99.4	98.8	99.4	98.8	101.1	99.1
2007	29	99.0	99.3	99.0	99.3	100.5	99.0
2008	40	99.2	99.2	99.2	99.2	100.9	99.5
2009	48	99.5	99.5	99.5	99.5	101.0	99.5
2010	41	99.6	100.0	99.6	100.0	101.0	99.6
2011	38	99.1	100.1	99.1	100.1	100.6	99.7
2012	53	99.6	99.8	99.6	99.8	101.2	99.6
2013	39	99.6	99.7	99.6	99.7	101.5	99.6
2014	37	99.9	99.6	99.9	99.6	102.1	99.5
2015	28	99.9	99.4	99.9	99.4	102.7	98.8
2016	43	100.0	98.9	100.0	98.9	102.5	99.0
2017	51	99.8	99.2	99.8	99.2	102.3	99.2
2018	54	98.8	99.6	98.8	99.6	101.3	99.4
2019	43	100.3	99.1	100.3	99.1	102.4	99.3
2020	48	100.3	99.3	100.3	99.3	101.9	99.7
2021	50	100.1	98.7	100.1	98.7	101.9	99.4
2022	47	99.3	99.4	99.3	99.4	101.5	99.6
2023	34	99.5	99.1	99.5	99.1	101.8	99.5

Tabel: 93 Fries Hollands - roodbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	47	99.1	100.5	102.3	100.7	96.0	93.3
1981	48	99.0	100.1	102.4	100.4	95.6	92.7
1982	35	98.5	100.2	102.9	100.7	95.1	93.1
1983	20	98.9	100.8	102.5	100.4	95.9	93.5
1984	12	97.2	101.3	103.6	99.8	95.8	93.6
1990	10	98.4	99.8	102.6	97.2	96.7	95.5
1991	11	98.2	100.0	102.8	98.4	96.1	95.6
1993	11	98.0	101.0	102.8	96.7	98.3	97.0
1995	14	98.5	100.4	102.2	97.6	96.4	95.6
1997	19	98.3	99.2	102.2	96.6	96.1	96.4
1998	16	101.7	101.9	98.6	96.5	98.0	97.3
1999	24	99.9	100.1	100.6	97.5	96.9	96.4
2000	22	100.3	100.0	100.1	96.9	96.3	95.5
2001	28	100.4	101.0	100.0	96.5	98.0	96.9
2002	24	101.6	100.0	98.8	96.5	96.4	95.8
2003	35	99.6	100.3	101.0	97.5	96.4	96.1
2004	28	101.8	98.7	98.9	97.7	94.7	94.5
2005	39	100.4	100.1	100.2	97.9	96.1	95.5
2006	38	99.9	99.1	100.8	97.5	95.5	96.4
2007	27	100.1	99.2	100.6	97.9	94.5	95.1
2008	41	99.5	99.3	100.9	98.0	95.1	95.0
2009	43	100.3	99.2	100.4	98.2	95.1	94.8
2010	39	99.8	99.5	100.7	97.8	96.7	95.7
2011	35	99.7	99.3	100.9	98.2	95.0	95.2
2012	41	98.9	99.8	101.5	98.9	95.2	94.4
2013	33	99.5	99.2	101.5	99.0	95.2	94.6
2014	24	99.8	99.9	100.8	97.9	97.0	96.1
2015	33	99.4	99.1	101.2	98.2	96.2	95.6
2016	38	99.4	99.9	101.2	98.6	96.2	95.4
2017	31	99.0	101.1	101.5	98.5	96.5	95.5
2018	39	99.0	101.2	101.5	99.1	95.9	94.8
2019	29	99.1	100.5	101.5	98.5	95.9	95.3
2020	30	99.8	100.8	100.6	98.5	97.3	95.8
2021	41	100.1	100.5	100.7	99.3	96.9	95.1
2022	29	99.2	101.8	101.3	99.1	97.3	95.3
2023	29	99.5	102.0	101.2	98.5	96.8	95.6

Tabel: 94 Fries Hollands - roodbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	49	99.6	101.2	96.0	95.6	106.7	94.6	100.3	93.5	106.0	94.3	96.7
1981	57	99.6	101.1	95.8	95.6	106.8	94.8	100.0	94.4	106.0	94.5	96.4
1982	53	99.3	100.6	95.2	95.5	106.2	94.7	100.0	94.3	105.6	94.3	96.2
1983	23	99.3	101.0	93.3	96.7	105.8	94.1	100.3	93.3	105.9	92.9	97.3
1984	14	100.1	101.3	94.6	96.4	106.7	94.3	100.9	93.6	106.2	93.4	98.1
1985	14	100.2	101.4	95.6	96.6	106.1	95.3	100.8	94.6	106.4	94.2	98.4
1986	13	100.0	102.0	95.5	97.2	106.2	95.2	100.7	93.8	106.9	94.3	98.6
1987	10	100.4	99.7	96.2	96.7	106.0	94.6	102.0	93.4	105.2	94.1	98.8
1989	11	99.0	99.3	94.8	96.6	104.3	95.5	100.2	94.6	103.9	94.0	96.9
1990	21	99.2	98.4	96.0	96.2	103.9	95.6	100.5	94.4	103.6	94.7	97.0
1991	17	98.9	98.2	96.5	96.1	103.6	95.4	100.5	94.1	103.1	94.4	97.1
1992	12	99.7	98.5	94.8	96.2	103.8	95.0	100.5	95.5	103.8	93.3	97.1

1993	19	99.3	98.9	95.4	96.8	103.4	96.3	99.8	96.0	103.8	94.4	97.2
1994	27	98.3	99.1	95.2	96.1	103.2	95.8	99.1	94.7	104.2	94.1	96.7
1995	36	98.3	100.4	95.1	96.1	104.4	96.1	98.8	94.7	105.4	94.4	96.6
1996	31	98.2	99.5	94.8	96.0	103.9	95.2	99.5	93.1	104.5	93.6	96.9
1997	36	99.2	101.1	93.8	96.6	105.3	95.4	99.8	94.1	106.1	93.6	97.6
1998	35	99.9	101.3	95.3	95.8	106.3	95.8	99.3	96.2	107.4	94.2	97.7
1999	43	99.9	101.1	95.8	95.8	106.3	95.8	99.7	95.5	107.0	94.5	97.8
2000	38	99.8	101.9	93.3	97.3	105.9	95.0	100.2	94.6	106.6	93.2	98.3
2001	43	98.4	101.1	92.8	96.9	104.6	95.9	98.9	93.2	106.2	93.2	98.0
2002	43	98.0	100.3	93.8	95.8	104.7	95.7	98.8	93.5	105.7	93.3	96.9
2003	57	98.6	100.1	95.1	96.2	104.5	95.9	99.3	94.7	105.4	94.3	96.9
2004	36	98.4	98.5	94.5	95.3	104.0	95.6	99.4	94.3	104.4	93.9	96.4
2005	43	99.0	100.2	93.9	95.7	105.3	95.8	99.2	94.7	105.9	93.9	96.8
2006	37	98.6	99.9	93.9	95.9	104.5	95.7	99.0	94.7	105.5	93.8	96.8
2007	21	97.5	98.3	94.6	95.6	102.7	96.5	98.7	94.2	103.6	94.8	95.8
2008	31	98.5	98.5	94.7	95.5	102.9	95.8	99.2	95.4	103.8	94.3	96.3
2009	23	98.5	99.2	94.6	95.7	103.5	96.2	99.0	95.2	104.5	94.5	96.6
2010	13	97.7	98.5	94.2	95.8	103.0	96.1	99.1	93.8	103.5	94.2	96.2

Tabel: 95 Fries Hollands - roodbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	38	97.3	96.7	100.2
1981	44	97.6	97.2	100.2
1982	31	97.5	97.0	99.9
1983	11	97.5	97.1	100.2
1990	11	97.3	96.4	100.3
1991	14	97.4	96.6	100.4
1993	13	98.2	97.8	100.2
1994	19	98.8	98.1	101.1
1995	31	98.8	97.9	101.1
1996	32	98.7	97.8	100.8
1997	38	98.2	97.4	100.4
1998	34	98.1	97.3	100.9
1999	36	98.1	97.2	100.7
2000	36	98.2	97.3	100.6
2001	58	98.9	98.0	101.0
2002	49	98.7	98.0	100.8
2003	56	98.9	98.1	101.2
2004	38	98.0	97.4	100.1
2005	46	98.7	97.8	100.7
2006	47	98.5	97.6	100.9
2007	34	98.4	97.5	100.8
2008	39	98.3	97.6	100.9
2009	49	99.1	98.5	101.0
2010	37	99.1	98.3	101.2
2011	37	98.9	98.1	101.2
2012	58	99.3	98.3	101.2
2013	37	99.2	98.2	101.2
2014	34	99.4	98.4	101.4
2015	27	99.3	98.2	101.2
2016	46	99.7	98.8	101.5
2017	50	99.7	98.8	101.3
2018	54	100.5	99.7	102.1
2019	56	100.2	99.4	102.0
2020	60	100.2	99.2	102.2
2021	50	100.4	99.4	102.3
2022	51	100.7	99.8	102.0
2023	32	100.2	99.4	101.8

Tabel: 96 Fries Hollands - roodbont: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	26	-3299.8	-13332.3	-556.5	-474.2
2002	27	-3814.5	-15472.7	-642.1	-548.4
2003	36	-4083.9	-16436.9	-690.8	-586.1
2004	28	-3583.4	-14580.7	-596.0	-518.2
2005	33	-3893.8	-15831.8	-649.2	-562.3
2006	28	-3734.4	-14985.3	-625.4	-538.2
2007	14	-3944.1	-16149.4	-662.9	-566.9
2008	25	-3287.6	-13339.6	-546.4	-475.6
2009	23	-2708.3	-11001.1	-450.0	-392.3
2010	22	-3073.4	-12492.5	-518.1	-441.4
2011	16	-3266.7	-13409.8	-546.4	-470.4
2012	16	-2469.4	-9997.5	-408.4	-358.6
2013	19	-2714.9	-10966.0	-450.2	-394.1
2014	19	-2534.7	-10392.7	-413.1	-370.9
2015	20	-3500.7	-14168.4	-581.8	-507.0
2016	16	-2124.8	-8752.1	-337.1	-315.5
2017	17	-2522.6	-10319.8	-407.5	-371.2
2018	21	-1765.1	-7243.3	-267.4	-268.7
2019	10	-2089.7	-8607.0	-323.4	-314.6
2020	15	-1539.6	-6189.1	-232.3	-235.3
2021	11	-1029.8	-4010.1	-145.0	-163.2

Tabel: 97 Fries Hollands - roodbont: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	61	95.6	101.8	0	0.0	0.0	0	0.0
1981	56	94.8	100.8	0	0.0	0.0	0	0.0
1982	41	95.1	100.8	0	0.0	0.0	0	0.0
1983	21	95.1	100.8	0	0.0	0.0	0	0.0
1984	22	94.9	101.2	0	0.0	0.0	0	0.0
1985	24	94.8	101.5	16	-4.3	125.2	0	0.0
1986	20	95.5	101.3	15	-4.1	105.8	0	0.0
1987	16	94.6	101.3	11	-3.6	86.1	0	0.0
1988	10	94.5	101.4	7	-3.4	65.9	0	0.0
1990	22	96.4	101.0	16	-3.1	60.0	0	0.0
1991	16	94.9	100.3	8	-3.2	75.0	0	0.0
1993	12	94.1	98.8	10	-2.6	50.6	0	0.0
1994	23	94.7	100.4	15	-3.4	82.1	0	0.0
1995	35	95.1	100.7	13	-3.6	56.7	0	0.0
1996	20	96.2	100.7	9	-3.4	60.6	0	0.0
1997	24	95.9	100.9	13	-3.6	52.5	0	0.0
1998	21	95.3	100.1	14	-3.0	51.1	0	0.0
1999	30	95.8	100.2	16	-3.1	74.2	0	0.0
2000	25	95.5	100.4	19	-3.6	76.6	0	0.0
2001	31	95.4	100.7	22	-3.5	76.6	4	89.0
2002	27	96.0	100.2	19	-3.3	67.6	6	90.3
2003	35	95.4	100.5	27	-2.9	59.6	5	89.0
2004	25	95.1	99.3	14	-2.4	59.1	3	90.0
2005	32	95.3	100.7	19	-2.9	62.9	6	88.7
2006	29	95.7	100.3	21	-2.7	52.7	1	88.0

2007	16	96.6	100.4	11	-2.5	50.5	2	92.5
2008	26	96.7	100.0	21	-1.9	30.1	2	86.5
2009	24	97.0	100.7	19	-2.5	53.1	3	90.3
2010	25	97.2	100.4	17	-3.4	72.4	2	91.0
2011	16	97.9	100.6	14	-2.1	27.8	1	83.0
2012	17	98.8	100.7	6	-2.2	46.2	1	88.0
2013	18	97.4	101.0	5	-2.5	48.8	1	83.0
2014	17	97.8	100.4	10	-2.3	62.4	3	90.7
2015	18	97.4	101.3	10	-3.6	89.8	8	91.8
2016	15	96.5	100.5	8	-1.3	27.8	1	92.0
2017	17	97.4	100.2	3	-1.0	20.7	0	0.0
2018	22	97.1	100.2	12	-1.4	28.8	1	91.0
2020	14	97.2	100.4	12	-1.9	55.0	3	88.7
2021	12	97.5	99.6	9	-1.0	22.1	0	0.0

Tabel: 98 Fries Hollands - roodbont: Stofwisselingsaandoeningen  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2000	10	100.0	0	0.0	0	0.0	10	97.1
2001	12	100.0	0	0.0	0	0.0	12	96.4
2002	11	99.9	0	0.0	0	0.0	11	96.2
2004	14	99.9	0	0.0	0	0.0	14	95.6
2005	16	99.7	0	0.0	0	0.0	16	95.2
2006	10	99.8	0	0.0	0	0.0	10	95.7
2008	19	99.7	0	0.0	0	0.0	19	95.7
2009	19	99.9	0	0.0	0	0.0	19	96.9
2010	22	100.0	0	0.0	0	0.0	22	97.5
2011	15	99.9	0	0.0	0	0.0	15	98.3
2012	17	100.0	0	0.0	0	0.0	17	96.7
2013	17	99.9	0	0.0	0	0.0	17	96.6
2014	19	99.9	0	0.0	0	0.0	19	97.5
2015	19	99.9	0	0.0	0	0.0	19	96.7
2016	15	99.9	0	0.0	0	0.0	15	96.5
2017	15	99.7	0	0.0	0	0.0	15	96.3
2018	20	99.8	0	0.0	0	0.0	20	96.2
2019	10	99.9	0	0.0	0	0.0	10	96.0
2020	14	99.9	0	0.0	0	0.0	14	96.3
2021	13	99.8	0	0.0	0	0.0	13	95.7

Tabel: 99 Maas Rijn IJssel: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	15558	-1620.2	-72.7	-65.4	-75.3	-1.2	-11.7	-1.5	-443.4
1981	16074	-1623.2	-72.1	-65.2	-75.4	0.5	-11.1	-1.5	-441.4
1982	19445	-1593.1	-70.5	-64.1	-74.0	1.0	-10.9	-1.5	-433.0
1983	26008	-1579.9	-69.5	-63.3	-73.4	1.9	-10.3	-1.5	-427.6
1984	33612	-1564.0	-69.5	-62.8	-72.7	0.5	-10.3	-1.5	-425.2
1985	38742	-1553.2	-69.8	-62.3	-72.2	-1.1	-10.0	-1.5	-423.7
1986	35885	-1549.2	-69.3	-61.8	-72.0	-0.4	-9.2	-1.5	-420.5
1987	34224	-1548.3	-68.7	-61.3	-72.0	0.7	-8.1	-1.5	-417.2
1988	44009	-1555.0	-67.6	-61.7	-72.3	3.7	-8.4	-1.5	-416.6
1989	32005	-1588.3	-67.2	-61.6	-73.8	7.7	-5.7	-1.5	-415.8
1990	23407	-1527.0	-65.4	-59.1	-71.0	5.7	-5.1	-1.5	-400.9
1991	19888	-1401.1	-59.6	-54.9	-65.3	6.1	-5.8	-1.5	-369.6

1992	18823	-1338.7	-57.6	-52.7	-62.4	4.4	-6.1	-1.6	-355.7
1993	18750	-1241.0	-54.1	-49.0	-58.0	2.6	-5.8	-1.6	-331.9
1994	12681	-1193.7	-53.3	-47.4	-55.8	0.1	-6.0	-1.6	-323.0
1995	9166	-1159.0	-53.8	-46.3	-54.2	-3.8	-6.4	-1.6	-319.3
1996	6306	-1058.2	-51.1	-42.6	-49.6	-7.0	-6.2	-1.7	-296.7
1997	4585	-977.9	-47.1	-39.3	-45.9	-6.2	-5.6	-1.7	-274.0
1998	3911	-947.3	-45.9	-37.4	-44.5	-6.4	-4.1	-1.7	-263.0
1999	3626	-907.7	-43.0	-34.6	-42.7	-4.2	-1.6	-1.7	-245.1
2000	3396	-820.5	-39.9	-31.8	-37.8	-5.5	-2.2	0.0	-225.3
2001	3276	-763.4	-37.2	-29.8	-28.6	-5.3	-2.6	11.7	-209.2
2002	2735	-668.1	-31.7	-25.7	-23.7	-2.8	-1.3	12.6	-178.9
2003	2722	-656.3	-33.9	-25.2	-23.8	-7.6	-1.2	11.3	-181.5
2004	2660	-634.0	-32.2	-23.6	-23.7	-6.4	0.0	9.6	-171.6
2005	2591	-608.5	-31.2	-22.4	-23.1	-6.6	0.5	8.5	-164.5
2006	2761	-472.8	-26.5	-17.0	-17.0	-8.6	1.1	8.0	-130.6
2007	2878	-479.6	-24.9	-17.1	-18.1	-5.6	1.3	6.8	-128.0
2008	2894	-439.9	-22.2	-15.1	-16.5	-4.0	2.3	6.3	-113.5
2009	2686	-377.6	-21.0	-13.1	-14.5	-6.4	1.8	4.9	-102.5
2010	2524	-301.8	-18.7	-11.4	-11.1	-7.9	0.2	4.5	-89.3
2011	2521	-272.8	-15.6	-9.7	-10.3	-4.8	1.2	3.7	-75.5
2012	2603	-235.5	-12.7	-8.0	-8.7	-2.8	1.7	3.5	-62.1
2013	2717	-189.1	-11.9	-5.3	-6.1	-5.0	3.1	4.1	-48.8
2014	2345	-138.9	-9.3	-4.6	-4.6	-4.2	1.4	2.8	-39.7
2015	2065	-118.0	-8.2	-4.2	-4.2	-4.1	0.8	1.9	-35.7
2016	1758	-90.8	-5.7	-2.2	-2.8	-2.0	2.4	2.1	-21.7
2017	1421	-30.2	-3.2	-0.6	-0.4	-2.0	1.4	1.5	-9.1
2018	1340	-52.7	-1.9	-1.1	-1.5	1.4	1.9	1.5	-8.6
2019	1417	-4.3	-1.0	0.3	0.6	-0.5	1.2	1.4	-0.8
2020	1299	-47.3	-0.6	-0.8	-1.8	3.1	1.9	0.5	-5.3
2021	950	46.3	5.5	4.7	1.8	6.0	5.1	-0.5	31.6
2022	29	-16.3	3.7	4.0	-2.6	7.3	7.5	-2.9	23.4

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

Tabel: 100 Maas Rijn IJssel: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	50664	88.6	95.0	90.5	90.7	102.5	99.2	96.9
1981	51284	88.8	94.9	90.8	90.7	102.3	99.3	97.1
1982	49588	88.9	95.2	91.2	91.2	102.7	99.3	96.8
1983	48241	89.2	95.3	91.6	91.5	102.6	99.7	96.8
1984	41426	89.6	95.7	91.9	92.1	102.2	99.5	97.3
1985	36302	90.4	96.2	92.5	92.6	102.4	99.8	97.9
1986	26380	90.7	96.4	93.0	93.1	102.1	99.8	98.0
1987	20190	91.5	96.5	93.7	93.4	102.0	99.9	98.1
1988	21347	91.5	96.5	94.1	93.5	102.0	99.8	97.8
1989	13502	91.4	96.7	94.0	93.4	102.3	99.9	98.0
1990	9610	91.8	96.3	93.8	93.5	101.8	99.8	98.2
1991	8452	92.3	95.8	94.4	93.9	101.2	99.9	98.0
1992	7761	92.8	95.4	94.8	94.4	100.8	99.2	97.8
1993	7018	93.1	95.2	94.2	94.0	100.4	99.0	97.4
1994	4534	93.7	96.4	95.1	94.7	100.5	98.9	98.3
1995	3201	94.0	97.0	95.8	95.2	100.5	99.1	98.8
1996	2331	95.3	97.0	96.4	95.3	101.0	99.6	99.3
1997	1620	95.4	97.6	96.9	95.8	100.8	99.6	99.4
1998	1464	95.5	97.2	96.6	95.6	100.6	99.6	98.8
1999	1419	95.6	97.7	96.8	95.9	100.4	98.9	98.1
2000	1319	95.9	97.4	96.6	96.1	100.1	99.7	98.6
2001	1276	96.1	98.0	97.2	96.5	100.2	100.0	99.1
2002	1147	96.3	98.1	97.5	96.7	100.1	99.4	98.9



2003	1137	97.1	98.7	97.7	96.7	100.4	100.4	99.7
2004	1127	97.4	98.5	97.5	96.5	100.4	100.2	99.5
2005	1138	97.9	99.1	98.3	97.1	100.5	100.2	99.4
2006	1150	98.1	98.4	98.4	97.6	99.5	100.2	99.1
2007	1113	97.8	98.5	97.6	96.7	99.8	100.4	100.1
2008	1056	98.1	99.3	98.2	97.0	100.3	100.3	100.5
2009	1005	98.5	99.3	98.4	97.4	100.1	100.0	99.9
2010	989	98.6	99.1	98.6	97.7	99.8	100.0	99.8
2011	949	98.7	99.6	99.0	98.1	100.0	100.1	100.3
2012	940	99.1	100.0	99.1	98.0	100.3	99.8	100.0
2013	818	99.3	99.8	99.2	98.5	99.7	99.7	100.2
2014	606	99.4	100.1	99.0	98.4	99.9	100.5	101.0
2015	485	99.6	99.9	98.9	98.6	99.9	100.4	100.5
2016	402	99.7	100.0	99.9	99.5	99.6	100.1	100.0
2017	298	99.8	100.0	99.9	99.5	99.6	100.0	100.2
2018	326	100.1	99.9	99.8	99.5	99.5	99.9	100.0
2019	376	100.0	99.6	99.3	99.1	99.7	99.7	99.4
2020	371	100.1	100.1	100.0	99.6	99.4	99.8	100.2
2021	252	100.6	99.8	100.4	100.5	98.5	98.7	100.2

Tabel: 101 Maas Rijn IJssel: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	50664	89.7	100.6	98.4	85.7	88.4
1981	51284	89.9	101.0	98.0	85.6	88.5
1982	49588	90.3	101.5	97.5	85.9	89.0
1983	48241	90.4	101.6	97.5	86.8	89.2
1984	41426	91.2	100.6	98.0	88.1	90.2
1985	36302	91.6	99.7	98.1	88.9	90.7
1986	26380	91.9	99.9	97.9	89.1	90.9
1987	20190	92.4	99.2	98.3	89.7	91.4
1988	21347	91.9	99.9	98.3	89.7	91.1
1989	13502	91.8	100.4	98.2	89.6	91.0
1990	9610	91.7	100.5	98.1	89.7	90.8
1991	8452	92.0	100.7	97.6	90.0	91.2
1992	7761	92.6	100.7	98.2	90.6	91.6
1993	7018	93.1	100.0	98.8	91.2	92.0
1994	4534	93.4	100.4	99.0	91.7	92.3
1995	3201	94.2	100.4	99.3	92.5	93.0
1996	2331	94.7	100.8	99.4	93.4	93.7
1997	1620	95.1	100.9	99.4	93.7	93.9
1998	1464	94.8	100.4	99.4	93.6	93.8
1999	1419	95.4	100.8	99.6	94.2	94.5
2000	1319	95.3	100.5	99.7	94.3	94.4
2001	1276	95.4	100.9	99.4	94.6	94.5
2002	1147	96.0	101.0	99.6	95.3	95.2
2003	1137	95.6	100.5	100.3	95.5	95.0
2004	1127	95.9	100.3	100.4	95.7	95.3
2005	1138	95.8	100.5	100.6	95.9	95.3
2006	1150	96.0	101.0	100.1	96.0	95.4
2007	1113	96.4	100.1	100.8	96.1	95.9
2008	1056	96.2	100.1	100.4	96.2	95.5
2009	1005	96.6	100.5	100.6	96.4	96.0
2010	989	97.1	100.8	100.5	96.8	96.8
2011	949	97.3	100.5	100.4	97.5	97.2
2012	940	97.3	100.2	100.9	97.9	97.1
2013	818	97.6	100.3	101.2	97.9	97.6
2014	606	98.1	100.1	100.9	98.7	98.3
2015	485	97.8	99.8	101.1	98.4	97.7

2016	402	98.4	100.0	101.2	98.6	98.4
2017	298	98.6	100.4	100.7	99.0	98.8
2018	326	99.1	100.1	100.7	99.3	99.4
2019	376	98.9	100.4	100.3	99.2	99.4
2020	371	99.1	100.5	100.4	99.6	99.6
2021	252	99.5	100.5	100.4	99.1	100.1

Tabel: 102 Maas Rijn IJssel: Exterieurkenmerken uier  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1980	50664	92.5	88.4	103.0	94.6	91.5	91.3	88.7	94.6
1981	51284	92.6	88.5	103.0	94.5	91.3	91.4	88.6	94.1
1982	49588	92.7	89.1	103.2	94.4	91.4	91.5	89.2	94.3
1983	48241	92.9	89.5	102.9	94.6	91.5	91.6	89.4	94.3
1984	41426	93.5	90.1	103.7	94.7	92.3	92.0	90.0	94.9
1985	36302	93.8	90.4	104.3	94.7	92.5	92.1	90.2	95.0
1986	26380	94.0	90.6	104.4	94.8	92.8	92.4	90.4	95.1
1987	20190	94.5	91.0	104.4	95.1	93.0	92.7	90.8	95.1
1988	21347	94.4	91.4	103.8	95.2	92.6	92.9	91.1	94.7
1989	13502	94.2	91.6	103.1	95.3	92.4	93.5	91.6	94.4
1990	9610	94.4	92.1	103.8	95.7	92.7	93.4	91.9	95.2
1991	8452	95.0	92.9	104.0	95.7	93.5	93.4	92.1	95.5
1992	7761	95.1	93.6	103.7	95.6	93.7	93.1	92.2	95.5
1993	7018	96.0	94.0	103.2	96.5	94.0	93.7	92.7	94.9
1994	4534	95.9	94.2	103.1	96.5	93.6	93.7	92.9	94.9
1995	3201	95.8	94.5	102.8	96.6	93.6	94.2	93.5	94.8
1996	2331	95.4	94.8	102.7	96.8	93.5	94.4	94.2	95.3
1997	1620	95.2	94.9	102.8	96.6	93.7	94.6	94.5	95.7
1998	1464	95.6	94.8	103.1	96.7	93.9	94.2	94.0	95.7
1999	1419	95.6	94.9	103.3	96.6	94.4	95.0	94.6	95.6
2000	1319	95.7	94.3	103.4	96.7	94.3	94.8	94.4	95.5
2001	1276	95.7	95.2	102.8	96.8	94.1	95.2	95.0	95.4
2002	1147	96.2	95.7	102.6	97.1	94.9	95.8	95.5	95.7
2003	1137	96.1	95.7	102.6	97.5	94.8	95.7	95.5	96.0
2004	1127	96.5	96.0	102.5	97.8	95.3	95.7	95.5	96.2
2005	1138	96.6	96.1	102.8	97.9	95.3	95.7	95.8	96.5
2006	1150	96.7	95.7	102.8	98.1	96.0	95.9	95.7	96.8
2007	1113	96.5	96.8	103.2	98.0	96.7	96.8	96.8	97.5
2008	1056	96.3	96.5	102.6	97.9	96.6	97.1	96.9	97.3
2009	1005	96.8	97.1	102.4	98.3	97.0	97.5	97.3	97.3
2010	989	97.4	97.6	102.0	98.8	97.6	97.8	97.9	97.4
2011	949	97.8	97.3	102.1	98.8	97.7	97.5	97.5	97.3
2012	940	98.0	97.8	101.5	99.3	97.7	98.0	98.2	97.5
2013	818	97.9	98.7	101.9	99.0	98.8	98.3	98.7	98.4
2014	606	98.5	98.6	101.2	99.4	98.5	98.0	98.5	98.3
2015	485	99.1	98.7	100.8	99.8	98.2	97.7	98.3	97.7
2016	402	98.9	99.3	100.8	99.4	99.2	98.5	99.1	98.3
2017	298	98.6	99.0	100.6	99.4	99.1	98.7	99.1	98.4
2018	326	99.2	99.2	100.6	99.9	99.5	98.8	99.1	98.6
2019	376	99.2	99.4	100.5	100.1	99.5	99.3	99.7	98.8
2020	371	99.2	99.3	100.6	100.0	99.4	99.1	99.4	98.9
2021	252	99.0	100.5	101.0	99.7	100.1	99.8	100.4	99.1

Tabel: 103 Maas Rijn IJssel: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	50664	89.0	85.4	85.5	86.9	103.7	78.9
1981	51284	89.2	85.4	85.5	87.0	103.5	79.0
1982	49588	89.4	86.1	85.7	87.4	103.6	79.6
1983	48241	89.8	86.3	86.1	87.7	103.5	80.0
1984	41426	90.5	87.1	86.8	88.5	103.0	81.2
1985	36302	91.5	88.0	87.1	88.8	103.0	81.9
1986	26380	91.9	88.4	87.4	89.0	102.8	82.3
1987	20190	92.6	88.9	87.9	89.5	102.4	83.1
1988	21347	92.5	88.9	88.1	89.3	102.2	83.1
1989	13502	92.7	89.2	88.3	89.4	102.7	83.4
1990	9610	92.7	88.8	88.7	89.3	102.3	83.3
1991	8452	92.8	88.7	89.3	89.6	101.6	83.8
1992	7761	92.5	88.8	89.5	90.2	100.9	84.3
1993	7018	92.0	88.4	90.6	90.7	100.1	85.0
1994	4534	93.4	89.8	90.5	91.2	100.3	85.7
1995	3201	94.3	90.8	90.9	92.1	100.5	86.9
1996	2331	95.4	91.8	91.0	92.8	100.8	87.9
1997	1620	96.0	92.5	91.1	93.1	100.9	88.4
1998	1464	95.4	91.9	91.1	93.0	100.6	88.0
1999	1419	95.1	92.3	91.6	93.9	100.4	88.8
2000	1319	95.5	92.1	91.4	93.7	100.1	88.7
2001	1276	96.4	92.8	91.8	93.8	100.3	89.3
2002	1147	96.4	93.3	92.7	94.5	100.2	90.2
2003	1137	97.6	93.8	92.7	94.3	100.7	90.5
2004	1127	97.4	93.7	93.2	94.6	100.5	90.8
2005	1138	98.1	94.3	93.4	94.7	100.8	91.2
2006	1150	97.8	93.8	93.6	94.8	99.9	91.3
2007	1113	97.9	94.0	94.5	95.4	100.0	92.1
2008	1056	98.7	94.7	94.5	95.0	100.5	92.1
2009	1005	98.5	94.8	95.3	95.5	100.3	92.8
2010	989	98.5	95.1	96.1	96.3	99.8	93.7
2011	949	99.1	95.8	95.9	96.7	100.1	94.2
2012	940	99.3	96.0	96.6	96.7	100.4	94.5
2013	818	99.4	96.1	97.3	97.2	99.9	95.2
2014	606	100.0	96.7	97.4	97.8	100.2	95.9
2015	485	99.7	96.3	97.4	97.3	100.1	95.5
2016	402	99.8	96.9	98.1	98.1	100.0	96.5
2017	298	99.9	97.0	98.0	98.4	100.0	96.6
2018	326	99.8	97.2	98.6	99.1	99.8	97.4
2019	376	99.1	96.8	98.9	98.9	99.8	97.2
2020	371	100.0	97.4	98.7	99.2	100.1	97.6
2021	252	99.8	97.5	99.4	99.8	99.2	98.2

Tabel: 104 Maas Rijn IJssel: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	95013	102.7	101.0	99.7	100.8	99.6	100.1	86.2	100.4	100.0
1981	101796	103.0	101.0	99.9	100.9	99.9	100.0	85.9	100.4	100.2
1982	97952	102.5	100.9	99.6	100.6	99.5	99.9	85.5	100.2	99.9
1983	96628	102.4	100.7	99.4	100.4	99.3	100.0	85.9	99.9	99.7
1984	87892	101.9	100.7	99.2	100.3	99.1	100.1	86.2	99.8	99.6
1985	79260	101.5	100.5	98.8	100.0	98.7	100.0	87.1	99.6	99.3
1986	63921	101.3	100.4	98.7	99.9	98.6	99.7	87.2	99.4	99.1
1987	53426	101.4	100.2	98.7	99.8	98.7	99.8	87.3	99.3	99.1
1988	55475	102.0	99.6	98.6	99.5	98.9	100.2	86.9	98.9	99.1
1989	38789	102.1	99.7	98.8	99.7	99.2	100.5	86.8	99.1	99.3
1990	28057	101.9	99.5	98.6	99.3	99.0	100.6	87.0	98.9	99.2

1991	24646	101.2	99.6	98.3	99.1	98.7	100.0	87.9	98.8	98.9
1992	23855	100.9	99.9	98.5	99.3	98.8	99.9	88.9	99.0	99.0
1993	23277	100.8	99.7	98.5	99.2	98.9	99.8	89.2	98.9	99.0
1994	15895	100.9	99.0	98.0	98.5	98.6	99.9	89.2	98.2	98.5
1995	11532	100.7	99.1	98.0	98.6	98.6	99.5	89.2	98.3	98.5
1996	8027	100.2	99.6	98.1	98.8	98.3	99.0	91.3	98.6	98.5
1997	5926	100.0	99.4	97.9	98.6	98.1	98.9	91.7	98.4	98.2
1998	5110	99.9	99.6	98.1	98.7	98.2	98.9	92.0	98.6	98.3
1999	4655	100.0	99.3	98.2	98.7	98.5	99.6	92.6	98.5	98.6
2000	4210	99.9	99.1	98.2	98.7	98.5	99.8	92.7	98.4	98.6
2001	4051	99.7	99.0	97.9	98.3	98.2	99.3	92.7	98.1	98.2
2002	3404	99.3	98.7	97.5	98.0	97.7	98.9	93.3	97.8	97.8
2003	3476	99.2	99.1	97.7	98.3	97.8	98.4	94.5	98.1	97.8
2004	3327	99.4	99.3	98.1	98.6	98.2	98.7	95.1	98.5	98.3
2005	3166	99.3	99.4	98.1	98.7	98.1	98.8	95.8	98.5	98.3
2006	3331	98.9	99.1	97.9	98.3	98.0	99.3	96.0	98.3	98.2
2007	3522	99.0	99.2	98.0	98.5	98.1	99.2	96.7	98.4	98.3
2008	3561	99.1	99.1	98.1	98.5	98.1	99.2	97.0	98.4	98.3
2009	3157	99.3	99.4	98.5	98.9	98.5	99.4	97.2	98.8	98.7
2010	2975	99.4	99.3	98.5	98.7	98.5	99.2	97.7	98.7	98.6
2011	3021	99.0	99.1	98.2	98.4	98.1	98.8	98.1	98.4	98.2
2012	3123	98.8	99.2	98.1	98.4	98.0	98.2	98.3	98.4	98.0
2013	3278	99.5	98.8	98.5	98.5	98.7	99.4	98.0	98.4	98.6
2014	2822	99.4	99.0	98.7	98.6	98.5	98.6	99.1	98.6	98.5
2015	2512	100.0	99.0	99.2	99.0	99.2	99.3	99.3	99.0	99.0
2016	2121	99.9	99.0	99.1	99.0	99.2	99.6	99.4	98.9	99.1
2017	1709	99.8	99.3	99.3	99.2	99.3	99.8	99.8	99.2	99.3
2018	1558	99.9	99.4	99.4	99.3	99.4	99.6	99.9	99.3	99.4
2019	1658	99.9	99.5	99.5	99.4	99.6	99.7	100.1	99.4	99.5
2020	1593	99.5	99.7	99.4	99.5	99.4	99.6	100.7	99.5	99.4
2021	1243	99.3	99.7	99.4	99.4	99.4	99.4	100.8	99.5	99.4
2022	398	99.9	99.6	99.8	99.7	99.9	100.0	101.2	99.7	99.8

Tabel: 105 Maas Rijn IJssel: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	10567	97.2	93.5	97.0	101.2	101.3
1981	10702	97.2	93.6	96.6	100.7	101.1
1982	10840	97.3	93.2	96.2	100.6	101.0
1983	12266	97.6	93.1	96.1	100.2	100.7
1984	12946	97.4	93.1	95.9	99.9	100.5
1985	12437	97.4	92.9	95.7	99.7	100.5
1986	10119	97.5	93.1	95.5	99.6	100.4
1987	8518	97.9	93.7	95.4	99.5	100.3
1988	9953	98.0	93.8	95.7	99.7	100.7
1989	6757	98.2	93.5	95.7	99.4	100.4
1990	5273	97.8	93.4	95.7	99.5	100.5
1991	6739	98.3	93.5	95.8	99.5	100.2
1992	7596	98.4	93.8	95.5	99.2	99.9
1993	6712	98.7	95.0	96.1	99.9	100.1
1994	4148	98.7	94.6	95.7	99.6	99.6
1995	2931	98.9	94.3	95.4	99.2	98.9
1996	2053	99.4	94.0	95.9	99.3	99.3
1997	1476	99.3	94.2	95.6	99.1	99.0
1998	1333	99.4	94.4	95.7	98.9	99.1
1999	1268	99.2	94.6	95.4	98.3	98.6
2000	1202	98.9	95.4	95.8	98.9	99.1
2001	1172	99.0	95.2	95.5	98.3	98.6
2002	1018	99.3	95.9	96.2	98.9	99.1

2003	1011	99.1	95.5	96.0	98.5	98.9
2004	980	98.9	95.7	96.4	98.8	99.2
2005	985	99.0	95.8	95.9	98.2	98.8
2006	954	99.3	96.3	96.0	98.0	98.6
2007	988	99.2	96.9	96.5	98.7	99.4
2008	918	99.3	96.9	96.5	98.4	99.1
2009	932	99.1	96.6	97.0	98.6	99.3
2010	938	99.4	97.5	97.0	98.7	99.2
2011	917	99.4	98.0	97.2	98.7	99.1
2012	934	99.5	98.0	97.6	99.1	99.2
2013	964	99.2	97.5	97.6	99.2	99.5
2014	844	99.7	97.9	97.3	98.7	98.8
2015	686	99.9	98.3	97.1	98.5	98.5
2016	721	99.6	98.4	97.8	99.2	99.2
2017	576	99.9	98.8	98.3	99.5	99.4
2018	561	99.4	99.1	98.6	99.7	99.5
2019	649	99.6	99.3	99.0	100.1	99.9
2020	570	100.1	99.6	98.4	99.7	99.6
2021	326	99.5	99.0	98.9	100.2	99.8

Tabel: 106 Maas Rijn IJssel: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	15558	-278.5	-443.4	-197.8	101.4	100.0	85.5	86.9	96.5	0.0
1981	16074	-285.4	-441.4	-236.0	101.1	100.2	85.5	87.0	96.8	0.0
1982	19445	-288.0	-433.0	-261.2	100.9	99.9	85.7	87.4	96.6	0.0
1983	26008	-293.0	-427.6	-308.7	100.6	99.7	86.1	87.7	96.4	0.0
1984	33612	-298.4	-425.2	-415.0	100.3	99.6	86.8	88.5	96.7	0.0
1985	38742	-306.5	-423.7	-506.7	100.2	99.3	87.1	88.8	96.7	108.7
1986	35885	-311.2	-420.5	-587.9	100.1	99.1	87.4	89.0	96.7	99.7
1987	34224	-311.4	-417.2	-658.7	100.0	99.1	87.9	89.5	96.8	84.3
1988	44009	-311.6	-416.6	-703.3	100.3	99.1	88.1	89.3	96.9	72.2
1989	32005	-310.5	-415.8	-726.1	100.0	99.3	88.3	89.4	96.7	66.9
1990	23407	-303.0	-400.9	-695.5	100.1	99.2	88.7	89.3	96.4	66.8
1991	19888	-286.5	-369.6	-642.5	99.9	98.9	89.3	89.6	96.3	66.4
1992	18823	-278.4	-355.7	-614.1	99.6	99.0	89.5	90.2	96.2	66.8
1993	18750	-252.2	-331.9	-560.4	100.0	99.0	90.6	90.7	96.3	67.3
1994	12681	-255.6	-323.0	-554.2	99.5	98.5	90.5	91.2	96.3	57.5
1995	9166	-250.0	-319.3	-530.8	98.9	98.5	90.9	92.1	96.5	51.9
1996	6306	-232.8	-296.7	-474.3	99.2	98.5	91.0	92.8	96.7	41.7
1997	4585	-226.1	-274.0	-451.8	98.9	98.2	91.1	93.1	96.8	37.2
1998	3911	-219.0	-263.0	-429.7	98.9	98.3	91.1	93.0	96.8	40.8
1999	3626	-206.2	-245.1	-424.4	98.3	98.6	91.6	93.9	97.0	38.4
2000	3396	-193.1	-225.3	-380.0	98.9	98.6	91.4	93.7	97.4	38.7
2001	3276	-190.9	-209.2	-356.7	98.3	98.2	91.8	93.8	97.4	36.9
2002	2735	-169.3	-178.9	-300.9	98.8	97.8	92.7	94.5	97.3	34.2
2003	2722	-171.9	-181.5	-292.3	98.5	97.8	92.7	94.3	97.2	26.8
2004	2660	-154.4	-171.6	-249.4	98.9	98.3	93.2	94.6	97.3	26.6
2005	2591	-154.6	-164.5	-258.9	98.3	98.3	93.4	94.7	97.2	20.0
2006	2761	-138.6	-130.6	-189.7	98.2	98.2	93.6	94.8	97.5	24.0
2007	2878	-125.0	-128.0	-174.6	99.0	98.3	94.5	95.4	97.7	23.2
2008	2894	-125.4	-113.5	-206.1	98.7	98.3	94.5	95.0	97.9	14.8
2009	2686	-112.6	-102.5	-180.8	98.9	98.7	95.3	95.5	98.0	13.2
2010	2524	-99.3	-89.3	-132.1	98.9	98.6	96.1	96.3	98.0	14.2
2011	2521	-96.3	-75.5	-122.8	98.9	98.2	95.9	96.7	97.9	8.6
2012	2603	-89.6	-62.1	-121.6	99.0	98.0	96.6	96.7	97.8	5.0
2013	2717	-73.3	-48.8	-115.2	99.3	98.6	97.3	97.2	98.3	5.1
2014	2345	-71.8	-39.7	-85.6	98.6	98.5	97.4	97.8	98.3	2.0
2015	2065	-70.9	-35.7	-88.7	98.3	99.0	97.4	97.3	98.4	2.2

2016	1758	-50.5	-21.7	-67.5	99.1	99.1	98.1	98.1	98.5	-0.1
2017	1421	-39.7	-9.1	-39.9	99.4	99.3	98.0	98.4	98.5	-1.3
2018	1340	-33.3	-8.6	-42.4	99.6	99.4	98.6	99.1	98.5	-0.3
2019	1417	-22.6	-0.8	-15.5	100.0	99.5	98.9	98.9	98.6	0.4
2020	1299	-24.5	-5.3	-23.3	99.6	99.4	98.7	99.2	98.6	-0.8
2021	950	-1.6	31.6	39.9	100.0	99.4	99.4	99.8	98.7	-2.0
2022	29	4.7	23.4	112.6	100.2	99.8	98.0	96.0	98.8	-7.8

Tabel: 107 Maas Rijn IJssel: Klauwgezondheidskenmerken

Basis: Dubbeloel

Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1984	105	96.3	95.6	101.2	100.6	95.5	95.8	94.8
1985	221	96.4	95.7	101.3	100.6	95.6	95.7	95.1
1986	187	96.4	95.7	101.3	100.6	95.7	95.8	95.0
1987	170	96.3	95.8	101.2	100.6	95.7	95.8	95.0
1988	177	96.4	95.8	101.2	100.6	95.8	95.8	95.1
1989	45	95.3	96.2	99.6	99.1	96.5	95.2	95.5
1990	202	95.6	96.2	100.5	100.1	95.7	95.2	93.8
1991	397	95.9	96.1	101.0	100.5	95.3	95.5	93.6
1992	490	95.3	95.5	100.5	100.2	95.0	96.2	93.5
1993	790	95.2	95.7	99.8	99.2	96.1	95.9	94.7
1994	694	94.3	95.8	98.7	98.1	96.3	95.7	94.8
1995	1184	93.9	95.6	98.3	97.8	96.2	96.0	94.7
1996	643	94.6	96.0	98.7	98.3	96.3	96.7	95.1
1997	760	94.4	96.2	98.5	98.2	96.2	96.4	95.0
1998	859	94.7	96.4	98.6	98.3	96.3	96.6	95.2
1999	883	95.0	96.4	98.8	98.5	97.0	96.8	95.4
2000	765	95.1	96.7	98.6	98.1	97.3	96.4	95.9
2001	774	95.4	96.9	98.9	98.4	97.3	96.7	96.1
2002	749	95.8	97.0	99.0	99.0	97.3	97.2	96.2
2003	737	96.1	97.6	98.9	99.0	97.8	97.5	96.5
2004	841	96.0	97.6	98.9	98.6	97.8	97.0	96.6
2005	838	96.4	97.8	99.2	99.1	97.8	97.5	96.8
2006	914	96.3	97.8	99.0	98.9	97.7	97.4	96.8
2007	871	96.4	98.1	98.9	98.8	98.2	97.4	97.0
2008	901	95.8	97.7	98.7	98.7	97.8	96.6	96.7
2009	958	95.9	98.0	98.4	98.5	98.0	96.9	97.0
2010	981	96.7	98.4	98.7	99.0	98.4	97.5	97.9
2011	1009	97.0	98.6	99.0	99.1	98.3	97.7	98.1
2012	1039	97.1	98.6	99.0	99.2	98.5	97.8	98.2
2013	1060	97.8	99.3	99.4	99.3	99.4	98.1	98.3
2014	907	98.0	99.4	99.5	99.5	99.2	98.5	98.8
2015	735	97.6	98.9	99.4	99.5	98.9	98.4	98.8
2016	660	97.8	99.1	99.2	99.4	99.2	98.5	99.4
2017	504	97.9	99.2	99.4	99.5	99.0	98.7	99.6
2018	471	98.4	99.7	99.9	100.1	99.4	99.2	99.9
2019	480	98.4	99.5	99.7	100.0	99.4	99.2	100.3
2020	439	98.6	99.4	99.8	100.3	99.5	99.6	100.4
2021	233	98.8	99.8	99.7	99.9	99.7	99.2	100.4

Tabel: 108 Maas Rijn IJssel: Levensvatbaarheidskenmerken

Basis: Dubbeloel

Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	13266	96.6	98.5	96.6	98.5	97.8	99.6

1981	12880	96.5	98.7	96.5	98.7	97.9	99.7
1982	14892	96.1	98.9	96.1	98.9	97.4	99.7
1983	18315	96.0	98.4	96.0	98.4	97.1	99.6
1984	21100	96.5	98.5	96.5	98.5	97.6	99.6
1985	22144	96.7	98.5	96.7	98.5	97.7	99.2
1986	19478	96.9	98.5	96.9	98.5	98.0	99.2
1987	18219	96.8	98.8	96.8	98.8	98.0	98.9
1988	22791	96.6	99.0	96.6	99.0	97.9	99.1
1989	18282	96.6	98.8	96.6	98.8	97.9	99.2
1990	16479	96.3	99.0	96.3	99.0	97.5	99.3
1991	18625	96.3	99.0	96.3	99.0	97.7	99.3
1992	18932	96.4	98.8	96.4	98.8	97.6	99.2
1993	23259	96.7	98.8	96.7	98.8	98.7	99.2
1994	20332	96.8	98.6	96.8	98.6	98.7	99.1
1995	15427	96.8	98.6	96.8	98.6	98.7	99.1
1996	11682	97.1	98.6	97.1	98.6	98.4	99.2
1997	9137	97.0	98.7	97.0	98.7	98.3	99.3
1998	7966	97.0	98.8	97.0	98.8	98.3	99.3
1999	7472	97.3	98.8	97.3	98.8	98.9	99.2
2000	6686	97.7	98.9	97.7	98.9	99.6	99.5
2001	5851	97.9	98.7	97.9	98.7	99.7	99.1
2002	5207	97.5	98.9	97.5	98.9	99.6	99.1
2003	5194	97.6	98.7	97.6	98.7	99.3	99.0
2004	4981	97.6	99.0	97.6	99.0	99.3	99.3
2005	4572	97.6	98.9	97.6	98.9	99.2	99.2
2006	4555	97.9	99.1	97.9	99.1	99.7	99.7
2007	4441	97.9	99.2	97.9	99.2	100.1	99.4
2008	4474	97.9	99.5	97.9	99.5	99.9	99.9
2009	4440	98.0	99.7	98.0	99.7	99.8	99.8
2010	4270	97.9	99.6	97.9	99.6	99.5	99.7
2011	4141	97.9	99.5	97.9	99.5	99.6	99.7
2012	4016	97.7	99.5	97.6	99.5	99.4	99.6
2013	4157	98.1	99.7	98.1	99.7	99.9	99.7
2014	3799	97.9	100.0	97.8	100.0	99.9	100.0
2015	3594	97.7	100.0	97.7	100.0	100.1	100.1
2016	3262	97.8	100.1	97.8	100.1	100.1	100.1
2017	2837	98.1	99.9	98.0	99.9	100.4	100.1
2018	2632	97.8	100.0	97.7	100.0	100.2	100.1
2019	2454	97.6	100.1	97.6	100.1	100.1	100.2
2020	2340	97.4	100.2	97.4	100.2	99.9	100.2
2021	2270	97.5	100.3	97.5	100.3	99.9	100.2
2022	2122	97.5	100.5	97.5	100.5	100.1	100.2
2023	2062	97.6	100.5	97.5	100.5	100.4	100.2
2024	233	97.6	100.6	97.6	100.6	100.7	100.4

Tabel: 109 Maas Rijn IJssel: Geboortekennmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	17777	94.6	102.2	105.3	99.3	99.2	99.2
1981	17645	94.8	102.1	105.2	99.5	99.0	99.0
1982	18899	94.2	102.7	105.6	98.9	99.0	99.5
1983	33033	94.2	102.9	105.6	98.9	98.8	99.1
1984	31765	95.2	102.5	104.7	99.1	98.6	98.6
1985	26903	95.5	101.9	104.3	98.8	99.7	99.7
1986	21890	95.1	102.0	104.7	98.5	99.4	99.7
1987	18604	96.4	101.3	103.6	98.4	99.8	100.4
1988	19246	96.6	101.4	103.6	99.3	99.3	99.3
1989	11942	95.9	101.0	104.1	99.4	98.3	98.5
1990	9281	96.1	102.1	104.0	98.7	99.3	99.7

1991	9728	96.2	102.1	103.9	98.8	100.0	100.3
1992	9434	96.5	102.6	103.6	98.0	100.2	100.6
1993	8230	97.4	101.4	102.7	97.1	99.9	101.3
1994	5360	97.5	101.5	102.8	97.9	100.0	100.9
1995	4936	98.0	101.2	102.3	98.2	100.0	100.1
1996	3754	98.3	101.4	102.2	99.6	100.7	99.5
1997	2696	97.8	101.0	102.6	99.9	100.7	99.3
1998	2284	98.3	101.1	102.0	98.8	100.8	100.2
1999	2312	98.8	100.7	101.6	98.5	100.6	100.9
2000	2253	98.4	100.3	102.0	98.7	100.2	100.8
2001	2185	98.3	100.1	102.1	98.9	100.3	100.5
2002	1891	97.9	99.8	102.4	99.1	100.7	100.5
2003	2054	97.6	100.4	102.7	98.7	100.8	100.9
2004	2162	97.3	100.1	102.9	99.2	100.7	100.3
2005	2257	97.1	99.9	103.0	99.1	101.2	100.6
2006	2392	97.2	100.6	103.0	99.2	100.2	100.2
2007	3049	98.2	99.9	102.0	97.8	100.6	102.0
2008	3215	97.5	100.1	102.8	98.9	100.4	101.2
2009	3403	97.3	100.3	103.1	99.3	101.3	101.2
2010	3223	97.2	100.5	103.0	99.0	101.3	101.0
2011	3107	97.2	100.5	103.1	99.1	101.0	100.4
2012	2957	97.2	100.4	103.0	98.8	101.1	100.5
2013	3035	98.6	99.6	101.6	97.3	101.6	102.4
2014	2850	98.1	100.2	102.2	98.2	101.2	101.3
2015	2699	98.3	99.9	101.8	97.8	101.4	101.1
2016	2388	98.5	100.0	101.7	97.6	101.1	101.2
2017	2066	98.1	99.9	102.2	98.6	100.4	99.9
2018	1882	98.1	99.8	102.2	99.0	100.6	99.7
2019	1777	98.1	100.1	102.2	99.1	100.5	99.8
2020	1679	97.6	100.0	102.8	99.7	100.0	99.2
2021	1493	98.0	99.8	102.3	99.1	101.0	100.1
2022	1485	98.3	99.6	102.1	99.5	100.2	99.6
2023	1352	99.2	99.0	101.1	99.6	100.1	99.6
2024	178	99.0	99.0	101.4	99.8	100.0	99.5

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	16512	105.9	108.0	97.8	101.3	110.8	96.1	104.2	99.2	110.4	97.4	103.6
1981	17152	105.7	108.1	97.6	101.5	110.7	96.3	104.1	98.9	110.4	97.4	103.8
1982	17897	105.8	108.2	97.4	101.8	110.6	96.4	104.3	98.9	110.2	97.7	103.9
1983	20747	105.7	107.9	97.2	101.7	110.6	96.5	104.2	98.8	110.1	97.5	104.2
1984	22710	105.6	107.1	97.3	101.3	110.2	96.4	104.1	99.0	109.5	97.6	103.7
1985	22527	105.6	106.8	96.8	101.7	109.9	96.3	104.1	99.1	109.0	97.1	104.2
1986	19773	105.5	106.6	96.9	101.7	109.7	96.4	104.2	98.9	108.7	97.2	104.0
1987	17891	105.4	106.4	96.9	101.9	109.5	96.2	104.1	99.0	108.4	96.9	104.0
1988	21396	105.1	106.5	97.2	101.9	109.3	96.4	103.8	99.2	108.3	97.4	103.4
1989	16661	105.6	106.9	97.1	102.0	109.8	96.6	104.0	99.5	108.7	97.6	103.7
1990	14838	105.1	106.5	97.5	101.7	109.1	96.7	103.7	99.4	108.1	97.8	103.3
1991	15753	104.6	105.3	97.5	101.3	107.7	96.8	103.3	99.8	106.7	97.6	103.0
1992	18353	104.1	104.5	98.0	100.9	107.0	97.0	102.9	99.9	106.1	97.9	102.5
1993	19164	104.2	104.4	98.8	100.5	107.3	97.1	102.9	100.3	105.9	98.6	102.0
1994	13534	103.4	104.1	98.7	100.8	106.2	97.5	102.4	99.7	105.1	98.6	101.7
1995	9993	103.0	103.9	98.9	100.8	105.7	97.8	102.1	99.5	104.7	98.9	101.4
1996	8592	102.4	103.6	98.1	101.5	104.6	97.8	101.6	99.6	104.2	98.4	101.7
1997	7408	102.0	102.9	98.4	101.2	104.0	98.0	101.2	99.6	103.6	98.4	101.5
1998	5738	102.1	102.6	98.6	101.0	103.8	98.0	101.2	100.1	103.2	98.7	101.2
1999	6045	102.3	102.8	99.0	101.3	104.2	98.4	101.4	100.1	103.3	99.4	101.1
2000	4836	102.4	102.6	99.2	101.3	104.0	98.4	101.5	100.4	102.9	99.8	100.6



2001	4501	101.6	102.0	99.5	100.9	103.0	98.8	101.0	100.1	102.3	99.9	100.3
2002	4505	101.7	102.0	99.3	101.2	102.9	98.8	101.1	100.1	102.3	99.6	100.8
2003	4357	101.2	102.1	98.6	101.6	102.3	98.9	100.5	100.2	102.1	99.0	101.0
2004	4192	101.4	102.0	98.9	101.4	102.5	98.9	100.7	100.2	102.1	99.4	100.9
2005	3849	101.4	101.8	98.6	101.8	101.9	98.8	100.9	100.3	101.5	99.3	101.0
2006	3857	101.1	101.0	99.6	101.0	101.7	99.3	100.5	100.6	101.0	99.9	100.2
2007	3472	100.6	101.1	99.4	100.3	101.9	99.4	99.8	100.3	101.4	99.3	100.0
2008	3386	100.8	100.9	99.1	100.8	101.6	99.3	100.3	100.2	101.3	99.2	100.4
2009	3256	100.6	100.9	99.7	101.1	101.1	99.8	100.2	100.1	101.0	99.9	100.2
2010	2931	99.9	100.1	99.4	100.7	100.2	99.8	99.7	99.8	100.4	99.5	100.1
2011	2432	99.5	99.7	99.2	100.5	99.7	100.0	99.4	99.6	100.0	99.3	100.1
2012	1701	99.0	99.8	99.2	100.9	99.2	100.5	99.1	99.1	99.8	99.6	100.2
2013	1562	99.0	99.4	99.0	100.6	99.2	100.3	99.3	98.7	99.4	99.1	100.0
2014	1139	98.7	99.4	98.8	100.6	98.9	100.5	99.0	98.8	99.2	99.2	100.2
2015	861	98.7	99.3	98.9	100.6	98.8	100.6	98.9	99.0	99.2	99.2	100.0
2016	823	99.0	99.2	99.0	100.6	98.8	100.1	99.3	99.0	99.1	99.0	100.0
2017	663	99.0	99.3	99.1	100.7	99.0	100.1	99.5	98.8	99.2	99.1	100.1
2018	614	99.1	99.2	98.9	100.8	98.7	100.1	99.4	99.3	99.0	99.0	100.2
2019	686	99.0	99.0	99.0	100.7	98.6	100.1	99.4	99.2	98.9	99.2	100.0
2020	621	98.9	99.2	98.8	101.0	98.4	100.2	99.3	99.1	98.8	99.0	100.3
2021	355	98.6	98.3	98.9	100.5	98.0	100.2	99.2	99.1	98.2	98.9	99.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	13419	95.2	95.9	102.4
1981	13059	95.7	96.4	102.5
1982	15071	95.5	96.4	102.5
1983	18380	95.5	96.3	102.5
1984	21138	95.0	95.8	102.4
1985	22139	94.6	95.4	102.2
1986	19458	94.7	95.6	102.1
1987	17985	94.3	95.2	101.8
1988	22303	94.5	95.2	102.2
1989	17708	94.5	95.3	102.3
1990	15926	94.2	95.1	102.1
1991	17273	94.0	95.1	101.9
1992	17243	94.2	95.3	101.9
1993	23557	94.1	95.2	101.9
1994	21941	94.4	95.5	101.8
1995	16988	94.7	95.9	101.8
1996	12684	95.2	96.5	101.6
1997	10163	95.4	96.8	101.5
1998	8849	95.5	96.9	101.6
1999	8239	96.0	97.2	101.7
2000	7238	96.2	97.5	102.0
2001	6273	96.3	97.5	101.8
2002	5656	96.8	97.9	101.8
2003	5563	96.7	98.0	101.3
2004	5342	96.6	97.7	101.2
2005	4823	96.5	97.7	101.1
2006	4808	96.6	97.7	101.0
2007	4621	97.2	98.1	101.7
2008	4733	96.8	97.8	101.1
2009	4696	96.4	97.7	100.4
2010	4495	97.2	98.4	100.5
2011	4357	97.2	98.5	100.4
2012	4123	97.4	98.7	100.4
2013	4263	97.6	98.6	100.5

2014	3990	97.8	98.8	100.6
2015	3762	98.2	99.2	100.5
2016	3448	98.3	99.3	100.5
2017	3057	98.5	99.6	100.6
2018	2820	98.5	99.6	100.4
2019	2602	99.0	100.0	100.6
2020	2493	99.0	100.1	100.5
2021	2456	99.0	100.2	100.6
2022	2413	99.1	100.3	100.4
2023	2296	99.0	100.2	100.3
2024	231	98.9	100.1	100.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	3274	-3282.9	-13245.3	-564.6	-465.3
2002	2742	-2886.1	-11723.5	-495.3	-409.2
2003	2719	-2851.1	-11523.0	-494.3	-402.0
2004	2662	-2574.5	-10457.4	-446.9	-362.7
2005	2595	-2597.1	-10559.2	-451.8	-365.4
2006	2764	-2100.3	-8584.8	-369.9	-293.1
2007	2881	-1992.6	-8208.6	-347.4	-279.7
2008	2899	-2129.5	-8801.7	-371.0	-299.0
2009	2688	-1896.4	-7784.2	-333.6	-264.9
2010	2535	-1536.1	-6257.0	-271.8	-214.0
2011	2528	-1399.1	-5788.7	-245.7	-195.6
2012	2616	-1319.7	-5498.5	-230.0	-185.2
2013	2732	-1162.6	-4847.5	-208.5	-160.2
2014	2362	-875.3	-3605.5	-156.0	-121.2
2015	2093	-853.2	-3475.8	-151.1	-118.8
2016	1775	-551.9	-2306.7	-99.6	-75.7
2017	1423	-307.4	-1295.3	-56.1	-41.8
2018	1346	-393.4	-1755.7	-65.5	-56.4
2019	1422	-198.7	-902.4	-34.0	-28.0
2020	1308	-318.9	-1512.0	-50.2	-46.9
2021	956	134.0	-3.2	28.0	18.4
2022	25	523.8	1429.3	95.4	74.0

Tabel: 113 Maas Rijn IJssel: Robot / AMS kenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	361	90.6	94.7	101.4	89.7
1981	454	90.6	95.6	100.8	89.8
1982	404	91.4	93.6	99.9	88.5
1983	616	92.1	91.5	98.5	86.9
1984	718	93.9	90.2	99.6	88.4
1985	827	94.4	90.0	99.9	89.0
1986	677	94.6	90.0	100.0	89.2
1987	576	94.7	90.2	100.1	89.6
1988	365	94.8	89.8	100.1	89.5
1989	101	94.6	90.7	99.7	89.6
1990	171	93.0	88.9	98.3	86.0
1991	298	93.3	88.2	98.2	85.7
1992	399	93.7	88.9	98.6	86.6

1993	489	94.8	89.1	98.8	88.1
1994	264	93.1	89.7	99.2	86.9
1995	191	93.1	90.1	99.5	87.1
1996	186	93.8	91.2	98.3	87.9
1997	149	94.2	91.2	98.5	88.2
1998	146	94.2	91.2	98.5	88.2
1999	147	95.6	91.3	99.1	89.7
2000	174	95.5	90.4	99.2	89.5
2001	189	94.8	91.7	99.2	89.6
2002	177	95.8	91.9	98.8	90.5
2003	183	95.6	92.1	98.4	89.9
2004	209	95.6	91.8	98.8	90.1
2005	245	96.1	92.0	98.5	90.3
2006	251	96.4	92.7	98.4	90.8
2007	300	96.9	92.1	99.0	91.7
2008	294	96.5	92.0	98.9	91.0
2009	389	96.5	92.4	98.6	91.1
2010	403	96.8	92.8	98.8	91.8
2011	473	97.2	93.0	98.8	92.2
2012	510	97.5	93.8	98.7	92.8
2013	524	97.8	94.4	99.1	93.9
2014	481	98.5	95.1	99.1	94.8
2015	375	98.9	95.9	99.2	95.7
2016	345	98.6	97.3	98.7	96.0
2017	305	99.1	98.6	98.7	97.3
2018	266	99.5	100.2	98.8	98.7
2019	302	99.5	101.3	98.8	99.4
2020	282	101.5	102.3	98.7	101.8
2021	218	101.7	103.4	99.2	103.1
2022	12	102.5	104.6	99.4	104.6

Tabel: 114 Maas Rijn IJssel: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	15558	96.3	100.7	0	0.0	0.0	0	0.0
1981	16074	96.1	100.5	0	0.0	0.0	0	0.0
1982	19445	96.0	100.7	0	0.0	0.0	0	0.0
1983	26008	95.8	100.4	0	0.0	0.0	0	0.0
1984	33612	96.2	100.4	0	0.0	0.0	0	0.0
1985	38742	96.0	100.2	36062	-4.6	108.7	0	0.0
1986	35885	95.8	100.1	26395	-4.4	99.7	0	0.0
1987	34224	95.5	99.9	20259	-4.1	84.3	0	0.0
1988	44009	95.2	99.4	21442	-3.8	72.2	0	0.0
1989	32005	94.9	99.2	13582	-3.7	66.9	0	0.0
1990	23407	95.0	99.2	9655	-3.7	66.8	0	0.0
1991	19888	95.0	99.1	8482	-3.4	66.4	0	0.0
1992	18823	95.4	99.2	7788	-3.3	66.8	0	0.0
1993	18750	95.7	99.6	7070	-3.2	67.3	0	0.0
1994	12681	95.6	99.3	4567	-3.0	57.5	0	0.0
1995	9166	96.2	99.3	3224	-2.9	51.9	0	0.0
1996	6306	96.4	99.7	2347	-2.6	41.7	0	0.0
1997	4585	96.2	99.2	1647	-2.4	37.2	0	0.0
1998	3911	96.1	99.3	1487	-2.4	40.8	0	0.0
1999	3626	96.1	99.0	1432	-2.2	38.4	0	0.0
2000	3396	96.5	99.0	1339	-2.1	38.7	0	0.0
2001	3276	96.6	99.1	1296	-1.9	36.9	1276	96.8
2002	2735	96.7	99.2	1156	-1.6	34.2	1148	96.9
2003	2722	96.4	98.9	1142	-1.6	26.8	1137	97.8
2004	2660	96.6	99.0	1135	-1.5	26.6	1130	97.8

2005	2591	96.2	98.6	1151	-1.3	20.0	1145	98.5
2006	2761	96.6	98.6	1179	-1.2	24.0	1169	97.8
2007	2878	96.6	98.7	1150	-1.2	23.2	1143	97.8
2008	2894	96.6	98.3	1108	-0.9	14.8	1087	98.8
2009	2686	96.8	98.1	1118	-0.9	13.2	1099	98.9
2010	2524	96.8	98.3	1137	-0.8	14.2	1118	98.7
2011	2521	97.0	98.4	1141	-0.6	8.6	1125	99.3
2012	2603	97.1	98.7	1186	-0.5	5.0	1162	99.7
2013	2717	96.9	98.8	1217	-0.4	5.1	1169	99.6
2014	2345	97.3	98.7	1048	-0.2	2.0	999	99.9
2015	2065	97.5	98.6	949	-0.2	2.2	853	99.9
2016	1758	97.2	98.7	936	-0.1	-0.1	827	100.1
2017	1421	97.5	99.0	766	-0.0	-1.3	659	100.2
2018	1340	97.5	98.9	700	-0.0	-0.3	622	100.1
2019	1417	97.6	99.3	775	-0.0	0.4	690	99.9
2020	1299	97.6	99.1	703	-0.0	-0.8	624	100.1
2021	950	98.0	99.3	472	0.2	-2.0	360	99.7
2022	29	97.2	99.2	208	0.3	-7.8	1	97.0
2023	0	0.0	0.0	169	0.5	-9.0	0	0.0

Tabel: 115 Maas Rijn IJssel: Stofwisselingsaandoeningen  
Basis: Dubbeloel  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	2338	99.9	0	0.0	0	0.0	2338	96.7
1981	2043	99.8	0	0.0	0	0.0	2043	96.7
1982	2370	99.9	0	0.0	0	0.0	2370	96.8
1983	3034	99.9	0	0.0	0	0.0	3034	96.7
1984	3547	99.9	0	0.0	0	0.0	3547	96.1
1985	3611	99.9	0	0.0	0	0.0	3611	96.0
1986	2981	99.9	1	104.0	1	101.0	2981	96.0
1987	2419	99.9	0	0.0	0	0.0	2419	95.7
1988	2839	99.8	0	0.0	0	0.0	2839	95.3
1989	1883	99.8	0	0.0	0	0.0	1883	95.6
1990	1447	99.9	1	104.0	0	0.0	1447	96.1
1991	1527	99.9	1	101.0	0	0.0	1527	96.3
1992	1650	99.9	0	0.0	0	0.0	1650	96.1
1993	1727	99.8	0	0.0	0	0.0	1727	95.3
1994	1158	99.8	0	0.0	0	0.0	1158	95.5
1995	918	99.8	1	101.0	1	98.0	918	95.5
1996	770	99.9	2	103.5	1	96.0	770	96.4
1997	684	99.9	1	102.0	1	100.0	684	96.4
1998	724	100.0	1	103.0	0	0.0	724	96.4
1999	726	99.9	0	0.0	0	0.0	726	96.2
2000	777	99.9	1	103.0	0	0.0	777	96.1
2001	861	99.8	2	103.5	1	100.0	861	95.9
2002	813	99.8	1	99.0	0	0.0	813	95.8
2003	948	99.9	5	101.8	5	97.2	948	96.2
2004	1053	99.9	4	100.5	1	97.0	1053	96.5
2005	1163	99.9	4	101.5	2	100.5	1163	96.8
2006	1391	99.9	12	103.3	6	98.7	1391	96.9
2007	1625	99.9	18	102.5	20	98.0	1625	97.1
2008	1843	99.9	17	102.5	8	97.5	1843	97.6
2009	2090	99.9	23	101.5	17	98.3	2090	97.7
2010	2224	99.9	29	102.5	39	98.2	2224	97.3
2011	2221	99.9	27	102.1	46	98.5	2221	97.7
2012	2320	99.9	24	102.4	32	98.4	2320	98.4
2013	2418	99.9	16	102.6	49	98.6	2418	99.0
2014	2091	99.9	9	102.4	14	98.9	2091	98.7
2015	1834	99.9	10	103.2	12	98.2	1834	99.0

2016	1568	100.0	15	102.4	7	98.3	1568	99.3
2017	1273	100.0	5	101.2	2	100.0	1273	99.3
2018	1188	100.0	4	102.0	9	98.9	1188	99.6
2019	1262	100.0	0	0.0	9	98.9	1262	99.9
2020	1168	100.0	0	0.0	6	98.7	1168	100.0
2021	916	100.0	0	0.0	7	99.7	916	100.2
2022	32	100.0	0	0.0	0	0.0	32	100.9

Tabel: 116 Maas Rijn IJssel: Reproductiestoornissen  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1984	142	97.8	96.5	97.1	98.4	98.5	98.3
1985	221	97.8	96.5	97.1	98.4	98.5	98.4
1986	176	98.0	96.7	97.3	98.6	98.6	98.5
1987	153	98.2	97.1	97.6	98.8	98.8	98.6
1988	104	98.1	96.9	97.4	98.7	98.7	98.5
1989	25	100.1	99.1	99.2	100.3	100.0	99.9
1990	32	98.2	97.3	97.7	98.8	98.3	98.4
1991	48	97.8	97.1	97.5	98.5	98.0	97.7
1992	26	98.2	97.2	97.9	98.7	98.2	98.1
1993	134	101.8	100.9	100.8	101.6	100.8	101.0
1994	113	99.6	98.5	98.8	99.8	99.7	100.0
1995	103	100.0	98.5	99.2	100.1	99.9	100.5
1996	91	100.2	98.7	99.6	100.3	100.0	100.6
1997	69	99.9	98.5	99.3	100.1	99.8	100.4
1998	64	100.2	98.8	99.7	100.2	100.0	100.6
1999	66	100.8	99.2	100.2	100.8	100.3	100.9
2000	62	100.4	99.3	99.6	100.3	100.2	100.3
2001	104	100.4	99.1	99.7	100.3	100.3	100.6
2002	83	100.4	99.3	99.8	100.5	100.0	100.3
2003	88	99.8	98.3	99.1	100.2	99.7	100.1
2004	112	99.9	98.3	99.2	100.2	99.8	100.3
2005	128	100.3	98.7	99.7	100.6	100.0	100.3
2006	156	101.6	100.1	100.9	101.4	100.8	101.5
2007	188	101.4	99.9	100.7	101.5	100.4	101.2
2008	189	101.5	100.0	100.8	101.7	100.4	101.4
2009	215	101.2	99.6	100.6	101.4	100.3	100.9
2010	213	100.8	99.1	100.1	101.2	100.1	100.7
2011	209	100.8	99.1	100.1	101.0	100.2	101.0
2012	182	100.5	99.0	99.9	100.7	100.1	100.7
2013	130	100.8	99.5	100.0	101.2	99.8	100.5
2014	119	99.9	98.4	99.2	100.4	99.5	99.9
2015	134	101.4	100.1	100.9	101.5	100.5	100.8
2016	116	101.2	100.0	100.5	101.4	100.2	100.6
2017	73	100.8	99.6	100.2	100.9	100.0	100.1
2018	96	100.5	99.5	99.9	100.8	99.8	99.8
2019	66	99.9	98.9	99.3	100.1	99.6	99.5
2020	50	99.5	98.5	99.0	99.8	99.0	98.6
2021	34	100.1	99.2	99.5	100.2	99.9	99.8

Tabel: 117 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	35	-2339.7	-94.6	-94.5	-105.5	17.7	-17.8	1.7	-617.8

1981	61	-2480.6	-99.8	-98.6	-112.0	20.1	-16.4	1.5	-647.6
1982	212	-2363.5	-97.8	-94.9	-106.6	14.3	-16.8	1.8	-626.4
1983	374	-2345.5	-96.6	-94.6	-105.8	14.8	-17.4	1.7	-622.4
1984	787	-2313.5	-93.9	-92.9	-104.4	17.0	-16.2	1.6	-609.4
1985	1952	-2422.9	-92.5	-94.6	-109.4	28.7	-12.6	1.6	-615.0
1986	3417	-2427.8	-94.8	-94.5	-109.6	25.2	-12.0	1.7	-619.4
1987	5224	-2473.2	-97.7	-95.2	-111.7	24.0	-10.4	1.7	-629.2
1988	8876	-2486.2	-96.1	-94.6	-112.3	28.2	-8.2	1.7	-623.3
1989	10836	-2429.7	-94.2	-92.4	-109.7	27.0	-7.8	1.7	-609.7
1990	15628	-2405.7	-94.6	-91.5	-108.6	24.1	-7.9	1.7	-606.7
1991	22457	-2336.5	-90.2	-86.6	-105.4	25.9	-3.9	1.7	-576.3
1992	25312	-2278.5	-90.4	-85.3	-102.8	20.8	-5.1	1.6	-570.2
1993	24797	-2219.5	-90.5	-83.0	-100.1	15.9	-4.8	1.6	-560.5
1994	32036	-2075.0	-78.0	-76.1	-93.5	25.2	-2.0	1.6	-503.9
1995	35779	-2024.1	-74.6	-74.1	-91.1	27.0	-1.7	1.6	-487.9
1996	33710	-1922.0	-70.8	-70.8	-86.5	25.3	-2.2	1.6	-464.9
1997	32865	-1826.1	-68.0	-67.2	-82.1	22.7	-2.0	1.6	-443.0
1998	31016	-1778.3	-65.4	-64.9	-79.9	23.2	-1.1	1.6	-427.5
1999	27020	-1703.0	-61.6	-62.5	-76.5	23.5	-1.5	1.6	-408.5
2000	20338	-1582.3	-59.6	-59.8	-71.0	18.1	-4.0	1.6	-391.9
2001	17492	-1435.7	-58.1	-54.5	-64.8	10.4	-3.8	1.0	-365.1
2002	12297	-1344.6	-55.0	-52.3	-60.9	8.8	-5.2	0.6	-348.2
2003	12066	-1256.1	-47.2	-47.3	-58.0	13.9	-2.6	-1.0	-310.7
2004	11101	-1151.9	-40.3	-42.8	-53.3	16.8	-1.4	-1.2	-276.2
2005	8744	-1087.2	-38.3	-39.8	-50.4	15.8	-0.4	-1.2	-258.8
2006	8135	-1024.9	-37.5	-37.6	-47.3	12.9	-0.4	-0.9	-246.9
2007	7015	-975.3	-34.2	-35.0	-45.2	14.2	0.6	-1.1	-229.1
2008	6464	-916.8	-34.0	-33.0	-42.5	10.8	0.6	-1.0	-219.4
2009	5398	-914.2	-35.8	-33.1	-41.7	8.0	0.2	-0.1	-223.4
2010	4625	-835.9	-34.0	-30.1	-38.6	5.7	0.4	-0.7	-206.6
2011	4258	-779.6	-31.9	-28.1	-35.8	5.1	0.4	-0.3	-193.0
2012	4146	-726.8	-30.5	-26.4	-33.3	3.8	0.2	-0.3	-182.5
2013	3861	-700.0	-29.5	-24.8	-32.2	3.5	1.1	-0.4	-173.3
2014	3344	-641.4	-29.1	-22.6	-29.5	0.5	1.2	-0.4	-162.8
2015	2652	-642.4	-28.6	-21.2	-29.1	1.5	3.2	0.2	-155.7
2016	2403	-588.0	-26.0	-19.3	-26.3	1.7	3.2	0.7	-141.4
2017	1980	-521.5	-24.1	-16.7	-23.1	0.3	3.4	0.8	-126.1
2018	1611	-452.3	-19.7	-14.0	-19.8	2.1	3.7	1.0	-104.9
2019	1379	-410.9	-15.7	-11.6	-18.5	4.8	4.8	0.2	-86.1
2020	1306	-397.0	-12.6	-10.4	-18.0	7.8	5.6	0.2	-74.6
2021	1061	-312.4	-5.7	-6.5	-13.7	11.4	6.6	0.7	-42.5
2022	42	-196.6	-1.5	-3.0	-7.9	9.8	5.5	1.4	-17.6

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

Tabel: 118 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	36	88.4	94.7	89.5	85.8	102.3	98.2	95.1
1981	69	87.2	93.7	88.9	85.5	101.9	98.3	94.8
1982	251	87.3	94.9	89.6	86.1	102.0	98.5	95.5
1983	417	87.4	95.2	89.7	86.0	102.2	98.6	95.3
1984	784	86.9	95.0	89.5	86.2	102.0	98.5	94.7
1985	1572	86.4	94.6	89.1	85.7	102.3	98.3	93.4
1986	2472	86.4	94.7	89.5	86.1	102.3	97.7	93.5
1987	3525	86.5	95.6	89.6	85.5	102.7	98.3	94.5
1988	5070	86.4	95.6	89.5	85.4	102.9	98.4	94.5
1989	5575	86.7	95.9	89.8	85.9	102.7	98.4	94.5
1990	8418	87.0	96.1	89.8	85.7	102.9	98.6	95.1
1991	13211	87.6	96.1	90.1	86.0	102.6	98.6	95.5

1992	15431	87.7	96.2	90.1	85.9	102.8	98.5	95.9
1993	13926	88.0	96.9	90.3	86.1	102.9	98.7	96.3
1994	18220	88.3	99.0	92.6	87.7	103.8	99.1	97.3
1995	20345	88.6	99.2	93.6	89.0	103.2	99.8	97.0
1996	18975	89.1	99.0	94.3	89.7	102.8	99.6	97.8
1997	18965	89.5	98.9	94.6	90.4	102.5	99.9	97.1
1998	17414	90.1	98.9	95.0	90.7	102.3	99.7	96.9
1999	15151	90.1	99.0	95.0	91.0	102.1	99.5	97.0
2000	11020	91.1	98.6	94.8	91.0	102.0	99.7	97.0
2001	9205	91.3	98.7	94.8	91.2	101.9	99.9	96.5
2002	6369	92.0	99.5	95.7	92.2	102.1	99.6	97.0
2003	6328	92.5	100.1	96.7	93.2	102.0	100.4	96.4
2004	5909	92.6	101.0	97.5	93.8	102.1	100.8	96.4
2005	4558	92.6	100.4	97.1	93.5	101.5	100.8	96.6
2006	4037	92.8	100.6	97.1	93.5	101.5	100.9	96.5
2007	3334	93.1	100.6	97.4	94.0	101.4	101.1	96.2
2008	3010	93.4	100.2	97.3	94.1	101.1	101.2	96.3
2009	2458	94.3	100.2	97.4	94.0	101.2	101.2	96.6
2010	2114	94.6	99.8	97.3	94.0	100.9	101.2	97.4
2011	1916	94.9	99.7	97.5	94.3	100.8	101.2	97.2
2012	1741	94.8	99.9	97.4	94.2	101.1	101.3	97.4
2013	1569	95.0	99.8	97.5	94.3	100.8	101.0	97.8
2014	1232	95.3	100.0	97.7	94.5	101.1	100.8	98.1
2015	962	95.6	100.2	97.6	94.3	101.2	101.2	98.3
2016	884	95.6	101.0	97.9	94.7	101.9	101.9	98.6
2017	714	96.3	101.5	97.8	95.0	102.3	102.4	98.8
2018	555	97.1	101.3	98.0	95.6	102.2	102.0	99.1
2019	414	96.7	101.5	97.5	95.1	102.5	101.6	99.1
2020	373	96.6	101.4	97.4	95.1	102.3	101.2	99.1
2021	194	96.9	102.6	97.8	95.6	103.1	101.3	99.1

Tabel: 119 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	36	88.9	102.8	96.8	91.8	86.1
1981	69	87.9	101.8	97.2	91.6	85.3
1982	251	88.0	102.9	96.6	91.6	85.3
1983	417	88.4	103.2	96.3	92.0	85.6
1984	784	88.0	103.6	95.6	92.5	85.5
1985	1572	88.9	102.1	96.8	93.0	86.4
1986	2472	88.7	103.1	96.1	92.9	86.1
1987	3525	89.7	103.0	95.8	93.1	87.5
1988	5070	90.2	102.6	96.0	93.4	87.9
1989	5575	90.1	103.0	96.0	93.6	87.8
1990	8418	90.2	102.9	95.8	93.4	87.8
1991	13211	90.3	103.7	95.6	93.6	88.0
1992	15431	90.5	103.5	95.5	93.7	88.2
1993	13926	90.7	103.8	95.4	93.9	88.6
1994	18220	89.5	103.8	94.2	93.4	88.0
1995	20345	89.3	104.2	94.0	93.5	88.1
1996	18975	90.4	104.7	94.0	93.8	89.0
1997	18965	91.1	104.9	94.0	94.1	89.6
1998	17414	91.4	105.7	93.8	94.3	89.9
1999	15151	91.9	105.1	94.0	94.5	90.5
2000	11020	92.7	104.8	94.9	94.9	91.2
2001	9205	92.5	104.4	95.7	95.0	91.2
2002	6369	92.8	103.9	96.7	95.3	91.3
2003	6328	93.3	103.2	96.7	96.3	92.5
2004	5909	93.7	103.2	96.6	97.1	93.3

2005	4558	93.8	103.4	96.1	96.6	93.6
2006	4037	94.3	102.9	96.4	97.4	94.2
2007	3334	94.5	102.4	96.9	97.6	94.6
2008	3010	94.3	102.5	96.9	97.4	94.4
2009	2458	94.6	102.2	97.6	97.4	94.7
2010	2114	95.3	102.0	98.1	97.3	95.2
2011	1916	96.1	102.1	98.6	97.6	96.2
2012	1741	96.2	102.3	98.4	97.8	96.6
2013	1569	96.5	102.2	98.6	98.0	96.7
2014	1232	96.5	102.0	98.8	98.2	96.8
2015	962	96.7	101.9	99.0	97.9	96.9
2016	884	96.9	101.7	99.2	98.4	97.4
2017	714	97.3	101.3	99.7	99.4	97.8
2018	555	98.0	100.9	100.2	99.4	98.0
2019	414	98.6	101.1	100.0	100.1	98.7
2020	373	98.7	101.2	99.8	100.1	99.1
2021	194	99.8	101.4	100.2	101.3	100.3

Tabel: 120 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1980	36	88.6	87.0	100.3	91.5	86.1	89.7	87.8	92.0
1981	69	88.5	86.5	99.5	91.7	86.3	90.6	88.3	92.1
1982	251	87.5	86.4	100.0	90.6	85.6	89.9	87.9	92.0
1983	417	87.4	86.2	100.6	90.3	85.5	90.0	87.8	91.7
1984	784	87.3	86.4	100.9	90.1	86.3	91.0	88.7	92.0
1985	1572	88.2	87.1	100.8	90.5	86.7	91.8	89.4	91.6
1986	2472	88.4	87.1	100.7	90.3	86.7	91.2	89.1	91.3
1987	3525	87.9	87.5	101.3	89.9	86.2	90.9	89.0	91.6
1988	5070	87.8	87.7	101.9	89.7	86.3	90.6	88.9	91.9
1989	5575	87.8	87.8	101.6	89.6	86.3	90.4	88.7	91.7
1990	8418	87.5	87.7	102.0	89.6	86.3	90.8	88.9	91.9
1991	13211	88.3	87.6	101.3	90.1	86.4	90.1	88.7	91.2
1992	15431	88.3	87.9	101.0	90.2	86.4	90.3	89.0	91.5
1993	13926	88.3	88.4	100.6	90.2	86.3	90.4	89.0	91.2
1994	18220	88.1	89.7	100.5	89.0	85.6	91.5	90.4	90.0
1995	20345	88.6	90.0	100.0	88.8	85.8	91.7	90.5	89.7
1996	18975	88.3	90.4	100.1	88.7	86.0	91.9	90.8	90.1
1997	18965	88.5	90.5	100.1	88.9	86.7	92.1	90.7	90.6
1998	17414	88.1	90.6	100.2	88.8	87.1	92.5	91.2	91.0
1999	15151	88.6	91.5	100.0	89.2	88.2	93.3	92.2	91.8
2000	11020	89.7	92.2	100.4	90.5	89.0	94.1	93.2	92.7
2001	9205	90.0	91.8	100.2	90.6	89.3	93.5	92.4	92.0
2002	6369	90.2	92.0	99.8	90.6	89.2	93.9	92.7	92.2
2003	6328	90.8	93.0	99.5	91.1	89.8	94.1	93.0	92.8
2004	5909	90.9	93.8	99.6	90.7	90.1	94.5	93.7	92.9
2005	4558	90.9	93.9	100.1	91.0	90.6	94.7	94.0	93.5
2006	4037	91.3	94.3	100.0	91.2	90.8	94.7	94.1	93.3
2007	3334	91.5	94.6	99.7	91.6	91.2	95.1	94.5	93.8
2008	3010	91.6	94.9	99.5	91.8	91.6	95.4	94.9	94.1
2009	2458	92.0	95.1	99.5	92.8	91.8	95.7	95.2	94.5
2010	2114	92.3	95.4	99.7	93.2	92.3	96.1	95.9	94.7
2011	1916	92.6	95.9	99.7	93.5	92.7	96.6	96.6	94.7
2012	1741	93.0	95.9	100.1	93.7	93.1	96.8	96.8	95.1
2013	1569	93.3	96.0	100.2	94.0	93.3	97.0	97.1	95.0
2014	1232	93.9	96.1	100.8	94.7	93.7	97.2	97.3	95.6
2015	962	94.2	96.7	100.5	95.1	94.0	97.7	97.7	95.9
2016	884	94.4	96.6	100.3	95.3	93.8	97.6	97.5	95.9
2017	714	94.8	96.9	100.3	95.8	94.1	97.8	97.6	96.1



2018	555	95.9	97.6	100.1	96.7	95.3	98.2	98.1	96.8
2019	414	96.2	97.6	100.1	97.1	95.6	97.8	97.8	97.1
2020	373	96.1	97.1	100.2	96.9	95.3	97.6	97.8	96.7
2021	194	96.7	97.0	101.1	97.2	95.8	97.8	97.6	97.6

Tabel: 121 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	36	88.8	88.8	84.9	85.8	0.0	79.4
1981	69	87.8	88.0	85.1	84.8	0.0	78.6
1982	251	88.3	89.0	84.0	84.9	0.0	78.3
1983	417	88.3	89.2	83.8	85.1	0.0	78.4
1984	784	87.5	88.9	84.3	84.7	0.0	78.2
1985	1572	86.7	88.2	85.3	85.5	0.0	78.8
1986	2472	86.7	88.7	85.2	85.1	0.0	78.6
1987	3525	87.2	89.1	84.6	86.7	0.0	79.3
1988	5070	87.0	89.1	84.5	87.2	0.0	79.5
1989	5575	87.3	89.4	84.5	87.0	0.0	79.5
1990	8418	87.5	89.6	84.4	87.1	0.0	79.6
1991	13211	88.4	89.8	84.8	87.2	0.0	80.1
1992	15431	88.4	89.9	84.9	87.3	0.0	80.3
1993	13926	88.7	90.4	84.9	87.6	0.0	80.6
1994	18220	90.1	93.1	84.6	86.9	0.0	80.9
1995	20345	90.9	93.8	84.9	86.9	0.0	81.4
1996	18975	91.9	94.4	85.0	87.7	0.0	82.3
1997	18965	92.2	94.7	85.5	88.2	0.0	82.9
1998	17414	92.7	94.7	85.5	88.4	0.0	83.2
1999	15151	92.8	94.8	86.5	89.1	0.0	84.1
2000	11020	93.5	94.7	87.7	90.1	0.0	85.5
2001	9205	93.6	94.6	87.9	90.2	0.0	85.7
2002	6369	94.5	95.7	88.1	90.6	0.0	86.5
2003	6328	95.2	96.3	88.8	91.7	0.0	87.7
2004	5909	95.6	96.9	89.0	92.4	0.0	88.3
2005	4558	95.6	96.3	89.2	92.5	0.0	88.5
2006	4037	95.7	96.3	89.6	93.2	0.0	89.1
2007	3334	96.0	96.5	90.0	93.7	0.0	89.7
2008	3010	96.3	96.4	90.3	93.4	0.0	89.8
2009	2458	97.1	96.5	90.8	93.9	0.0	90.5
2010	2114	97.6	96.5	91.3	94.6	0.0	91.3
2011	1916	97.7	96.7	91.6	95.6	0.0	92.0
2012	1741	97.8	96.8	92.0	95.9	0.0	92.4
2013	1569	98.0	96.8	92.2	96.1	0.0	92.7
2014	1232	98.4	97.2	92.9	96.2	0.0	93.3
2015	962	98.7	97.2	93.3	96.4	0.0	93.7
2016	884	98.7	97.9	93.3	96.8	0.0	94.1
2017	714	98.9	98.2	93.8	97.3	0.0	94.7
2018	555	99.5	98.7	95.1	97.7	0.0	95.8
2019	414	99.1	98.5	95.4	98.3	0.0	96.2
2020	373	98.9	98.3	95.1	98.7	0.0	96.1
2021	194	99.1	99.1	95.7	99.9	0.0	97.3

Tabel: 122 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
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1980	49	101.6	101.4	98.6	99.7	98.7	100.0	87.1	99.9	99.4
1981	99	101.8	101.6	98.9	100.0	99.1	99.6	85.5	100.2	99.6
1982	376	101.5	101.6	98.7	99.9	98.7	99.2	85.8	100.1	99.3
1983	682	101.3	101.5	98.6	99.7	98.4	99.2	85.9	99.9	99.1
1984	1283	101.5	101.3	98.6	99.7	98.6	99.5	85.5	99.9	99.2
1985	2818	102.1	101.4	99.1	100.2	99.3	99.8	84.1	100.2	99.8
1986	4718	102.0	101.0	98.9	99.8	99.0	99.9	84.6	99.8	99.5
1987	6925	102.9	101.2	99.4	100.3	99.7	100.1	84.6	100.3	100.0
1988	10280	103.2	100.9	99.4	100.1	99.8	100.1	84.5	100.1	100.0
1989	12251	102.7	100.7	99.0	99.7	99.3	99.9	84.5	99.8	99.6
1990	17531	102.9	100.8	99.1	99.8	99.5	100.2	84.5	99.9	99.7
1991	25977	103.1	100.0	99.0	99.3	99.4	100.1	86.0	99.3	99.4
1992	29545	103.0	100.0	98.9	99.2	99.3	99.9	86.1	99.3	99.3
1993	28374	103.1	100.2	99.1	99.5	99.6	99.9	86.5	99.5	99.6
1994	37549	102.4	99.9	98.5	99.0	98.8	99.8	87.1	99.0	99.0
1995	41552	101.8	99.6	98.0	98.5	98.3	99.3	87.3	98.6	98.4
1996	39468	101.5	99.1	97.6	97.8	97.8	99.0	87.7	98.0	97.9
1997	38552	101.1	98.7	97.2	97.3	97.4	99.4	88.3	97.6	97.7
1998	36842	101.1	98.9	97.3	97.4	97.6	99.4	88.7	97.8	97.8
1999	31512	100.7	98.5	96.9	97.0	97.1	99.2	89.0	97.3	97.4
2000	22987	101.0	98.0	96.8	96.7	97.3	99.2	89.4	97.0	97.3
2001	19749	100.7	98.3	97.0	97.1	97.4	98.9	89.6	97.3	97.4
2002	14275	100.1	98.6	96.7	96.9	96.9	98.5	90.7	97.3	97.1
2003	14118	99.0	98.6	96.1	96.3	96.1	98.5	92.2	96.8	96.6
2004	12918	98.6	98.6	95.7	96.0	95.7	98.2	92.6	96.6	96.3
2005	9942	98.7	98.7	96.0	96.2	96.0	98.3	92.1	96.8	96.5
2006	9162	98.7	98.5	95.8	96.1	96.0	98.6	92.6	96.6	96.5
2007	8212	98.3	98.7	95.7	96.1	95.8	98.5	93.4	96.7	96.4
2008	7749	98.8	98.5	95.9	96.1	96.2	98.8	93.4	96.7	96.6
2009	6447	98.9	98.7	96.2	96.4	96.5	98.6	93.9	97.0	96.8
2010	5439	99.4	98.3	96.3	96.4	96.8	98.8	93.8	96.9	96.9
2011	5055	99.1	98.4	96.2	96.3	96.7	98.7	94.3	96.8	96.8
2012	4944	98.9	98.4	96.2	96.3	96.7	98.9	93.9	96.8	96.9
2013	4605	99.2	98.4	96.3	96.5	97.0	99.0	94.1	96.9	97.1
2014	3984	99.5	98.8	97.0	97.2	97.6	98.9	94.1	97.5	97.6
2015	3320	99.7	99.2	97.5	97.7	98.1	99.0	94.1	98.0	98.0
2016	2983	99.7	99.5	97.8	98.0	98.3	98.8	95.0	98.4	98.2
2017	2372	100.0	99.7	98.3	98.5	98.8	98.6	95.1	98.8	98.6
2018	1960	100.3	100.0	98.8	99.0	99.4	98.7	95.5	99.3	99.1
2019	1712	100.2	100.4	99.2	99.5	99.7	99.0	95.8	99.7	99.5
2020	1609	100.2	100.3	99.2	99.4	99.7	98.9	95.8	99.7	99.4
2021	1238	99.9	100.6	99.3	99.7	99.8	99.0	96.1	99.9	99.6
2022	353	100.0	100.5	99.5	99.7	99.9	99.2	96.5	100.0	99.7

Tabel: 123 MRIJ - Holstein Friesian roodbont: Gebruikskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	27	98.1	97.1	95.2	96.9	101.1
1981	38	97.8	96.8	95.3	97.4	101.5
1982	135	98.6	96.1	94.8	96.5	100.4
1983	218	98.3	96.1	95.0	96.7	100.7
1984	386	98.0	94.8	94.8	96.7	100.7
1985	791	97.8	94.5	94.8	96.6	100.8
1986	1297	97.7	95.1	94.5	96.2	100.4
1987	1935	97.6	95.3	94.4	96.0	100.3
1988	2910	97.3	95.5	94.5	96.1	100.5
1989	3341	97.4	95.8	94.4	95.7	100.2
1990	5481	97.5	95.7	94.2	95.3	99.9
1991	10885	98.4	96.6	94.6	95.9	99.7

1992	15206	98.4	96.6	94.8	96.0	99.7
1993	13601	98.6	96.8	95.1	96.6	100.3
1994	17569	98.7	95.9	94.8	95.8	99.9
1995	19339	98.9	96.1	94.4	94.9	99.8
1996	17965	98.9	96.0	94.3	94.7	99.6
1997	17919	98.8	96.5	94.3	94.7	99.1
1998	16290	98.7	95.7	94.6	95.1	98.8
1999	14036	98.5	95.9	94.5	94.8	98.2
2000	10275	98.4	95.3	94.8	95.2	98.4
2001	8645	98.5	95.4	94.6	94.9	98.1
2002	6076	98.5	95.3	94.4	94.4	98.0
2003	5955	98.5	96.1	94.5	94.4	97.8
2004	5573	98.4	96.1	94.7	94.3	97.3
2005	4219	98.5	96.0	95.1	94.8	97.4
2006	3654	98.5	96.7	95.3	95.0	97.7
2007	3025	98.5	96.7	95.5	95.1	97.6
2008	2708	98.6	96.7	95.3	94.8	97.5
2009	2173	98.2	96.6	95.7	95.3	98.0
2010	1902	98.2	96.8	95.7	95.2	97.8
2011	1703	98.4	96.9	96.2	95.7	97.9
2012	1497	98.4	97.0	96.7	96.1	98.0
2013	1351	98.9	97.5	96.6	96.0	98.0
2014	985	98.8	98.1	96.9	96.3	98.0
2015	778	99.0	97.8	97.3	96.6	98.4
2016	696	99.0	98.1	97.9	97.3	99.1
2017	557	99.2	98.1	98.2	97.5	99.3
2018	479	99.5	98.8	98.8	98.0	99.2
2019	357	99.5	99.1	99.0	98.2	99.5
2020	335	99.5	99.3	99.0	98.2	99.5
2021	174	99.2	99.9	99.5	98.7	99.7

Tabel: 124 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	35	-342.2	-617.8	-350.9	99.0	99.4	84.9	85.8	94.7	0.0
1981	61	-348.3	-647.6	-338.5	99.7	99.6	85.1	84.8	94.9	0.0
1982	212	-353.6	-626.4	-382.4	98.6	99.3	84.0	84.9	95.0	0.0
1983	374	-355.2	-622.4	-432.2	98.8	99.1	83.8	85.1	95.0	0.0
1984	787	-357.3	-609.4	-539.5	98.9	99.2	84.3	84.7	95.1	0.0
1985	1952	-300.0	-615.0	-614.8	98.8	99.8	85.3	85.5	96.1	154.7
1986	3417	-316.8	-619.4	-686.3	98.4	99.5	85.2	85.1	95.7	143.0
1987	5224	-328.9	-629.2	-760.4	98.2	100.0	84.6	86.7	95.5	124.0
1988	8876	-329.9	-623.3	-794.8	98.4	100.0	84.5	87.2	95.5	111.0
1989	10836	-328.5	-609.7	-787.5	98.1	99.6	84.5	87.0	95.4	104.3
1990	15628	-333.2	-606.7	-794.8	97.7	99.7	84.4	87.1	94.9	99.9
1991	22457	-329.1	-576.3	-774.8	97.9	99.4	84.8	87.2	94.7	95.2
1992	25312	-326.5	-570.2	-747.4	97.9	99.3	84.9	87.3	94.5	92.1
1993	24797	-317.0	-560.5	-721.8	98.6	99.6	84.9	87.6	95.1	85.6
1994	32036	-314.1	-503.9	-731.1	97.9	99.0	84.6	86.9	95.2	65.7
1995	35779	-315.2	-487.9	-712.8	97.4	98.4	84.9	86.9	95.3	64.1
1996	33710	-309.7	-464.9	-683.8	97.2	97.9	85.0	87.7	95.3	61.1
1997	32865	-304.1	-443.0	-659.2	96.8	97.7	85.5	88.2	95.5	59.9
1998	31016	-299.0	-427.5	-669.4	96.9	97.8	85.5	88.4	95.4	58.4
1999	27020	-290.3	-408.5	-642.9	96.4	97.4	86.5	89.1	95.9	57.4
2000	20338	-274.6	-391.9	-587.3	96.7	97.3	87.7	90.1	96.0	56.2
2001	17492	-261.5	-365.1	-532.5	96.3	97.4	87.9	90.2	96.0	53.8
2002	12297	-260.6	-348.2	-527.8	96.0	97.1	88.1	90.6	95.6	45.8
2003	12066	-246.6	-310.7	-486.6	95.9	96.6	88.8	91.7	94.8	39.2
2004	11101	-235.7	-276.2	-475.0	95.5	96.3	89.0	92.4	94.5	33.0

2005	8744	-218.7	-258.8	-441.9	95.8	96.5	89.2	92.5	94.9	36.7
2006	8135	-207.4	-246.9	-400.3	96.1	96.5	89.6	93.2	95.0	35.2
2007	7015	-196.2	-229.1	-372.3	96.1	96.4	90.0	93.7	94.7	34.4
2008	6464	-189.7	-219.4	-355.1	95.9	96.6	90.3	93.4	95.3	35.5
2009	5398	-184.5	-223.4	-327.3	96.5	96.8	90.8	93.9	95.2	32.4
2010	4625	-175.2	-206.6	-314.0	96.3	96.9	91.3	94.6	95.7	31.4
2011	4258	-163.2	-193.0	-290.0	96.6	96.8	91.6	95.6	95.8	31.0
2012	4146	-152.7	-182.5	-270.1	96.9	96.9	92.0	95.9	96.2	28.7
2013	3861	-144.9	-173.3	-247.6	96.8	97.1	92.2	96.1	96.4	28.6
2014	3344	-131.9	-162.8	-222.0	97.0	97.6	92.9	96.2	97.0	24.1
2015	2652	-121.4	-155.7	-212.7	97.3	98.0	93.3	96.4	97.2	21.5
2016	2403	-107.1	-141.4	-176.1	98.1	98.2	93.3	96.8	97.4	14.4
2017	1980	-97.1	-126.1	-169.0	98.3	98.6	93.8	97.3	97.7	8.9
2018	1611	-78.7	-104.9	-145.6	98.6	99.1	95.1	97.7	98.3	6.6
2019	1379	-61.3	-86.1	-106.1	98.8	99.5	95.4	98.3	98.6	7.0
2020	1306	-53.6	-74.6	-81.7	98.8	99.4	95.1	98.7	98.8	8.0
2021	1061	-32.7	-42.5	-34.4	99.3	99.6	95.7	99.9	98.9	-1.7
2022	42	-11.2	-17.6	17.8	99.4	99.7	102.0	97.0	98.6	13.0

Tabel: 125 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1983	34	93.8	96.1	98.7	97.4	91.4	94.0	94.6
1984	84	93.3	95.6	98.6	97.2	91.3	93.2	94.2
1985	149	93.8	96.1	98.0	97.2	93.1	93.6	95.6
1986	218	93.5	96.4	97.7	96.6	92.9	93.1	95.5
1987	403	93.3	95.0	98.6	97.7	91.6	92.9	94.1
1988	712	93.6	94.8	99.0	98.2	91.6	93.2	94.0
1989	769	93.6	95.0	99.0	98.1	91.8	93.4	93.8
1990	1039	93.5	94.9	98.9	98.2	91.9	93.3	93.5
1991	3097	91.8	94.6	97.0	95.8	91.5	92.3	94.6
1992	3754	92.0	94.9	97.1	95.8	91.6	92.5	94.6
1993	3710	92.2	94.6	97.7	96.3	91.1	92.6	94.2
1994	6277	93.3	95.4	99.1	96.8	91.4	93.1	93.6
1995	12589	93.8	96.2	99.2	96.9	91.9	93.7	93.6
1996	8579	93.4	95.4	99.0	97.1	91.1	93.8	93.5
1997	13472	92.6	94.5	98.5	97.1	90.8	92.8	93.5
1998	15124	92.6	94.3	98.5	97.5	90.7	93.0	93.3
1999	13262	93.2	95.1	98.8	97.5	91.0	93.2	93.6
2000	9906	93.1	95.9	98.1	96.9	91.6	93.5	94.2
2001	8541	93.3	96.2	98.0	96.5	92.2	93.9	94.2
2002	5805	93.1	96.1	97.9	96.9	92.4	94.4	93.5
2003	6077	94.1	97.0	98.0	97.7	93.4	93.7	94.8
2004	5802	95.1	97.7	98.6	98.4	94.3	93.7	95.3
2005	4402	95.6	98.1	98.9	98.6	94.5	93.9	95.9
2006	3923	95.9	98.5	98.7	98.7	94.9	94.1	96.6
2007	3351	96.2	99.0	98.6	98.6	95.5	94.0	97.1
2008	3054	96.3	98.9	98.6	98.7	95.7	94.2	97.3
2009	2489	96.0	98.8	98.0	98.2	96.0	94.1	97.7
2010	2114	95.7	98.4	97.8	98.3	95.8	94.7	97.5
2011	1913	96.0	98.8	97.7	98.4	96.5	94.9	97.7
2012	1719	96.5	99.4	97.8	98.5	97.2	95.2	98.0
2013	1528	96.7	99.6	97.7	98.2	97.6	95.8	98.4
2014	1238	96.9	99.5	97.8	98.3	97.5	96.5	98.7
2015	957	97.3	99.4	98.2	98.7	98.0	96.6	98.8
2016	893	98.0	99.6	98.9	99.1	98.4	97.2	98.9
2017	697	98.6	99.7	99.1	99.6	98.7	98.3	99.2
2018	556	99.1	100.2	99.5	99.8	99.0	98.8	99.4
2019	399	99.3	100.7	99.2	99.6	99.5	98.8	100.1

2020	363	99.9	100.8	99.9	100.0	99.4	99.1	99.8
2021	199	100.2	100.9	100.2	100.0	99.7	99.7	100.0

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	28	92.6	98.9	92.6	98.9	91.7	97.3
1981	52	93.3	98.7	93.3	98.7	92.5	97.9
1982	175	93.2	98.9	93.2	98.9	92.4	97.9
1983	297	93.3	99.0	93.3	99.0	92.2	97.8
1984	575	93.5	98.8	93.5	98.8	92.4	97.9
1985	1374	94.8	99.0	94.8	99.0	93.5	98.8
1986	2315	94.5	98.7	94.5	98.7	93.3	98.3
1987	3530	94.3	98.7	94.3	98.7	93.2	98.5
1988	5663	94.4	98.7	94.4	98.7	93.3	98.4
1989	7284	94.2	98.7	94.2	98.7	93.2	98.2
1990	12439	94.1	98.5	94.1	98.5	93.1	97.8
1991	21729	94.0	98.6	94.0	98.6	93.4	97.6
1992	25530	93.7	98.6	93.7	98.6	93.1	97.5
1993	28873	94.1	99.0	94.1	99.0	93.7	97.8
1994	43043	93.9	99.2	93.9	99.2	94.1	97.7
1995	48480	94.2	99.1	94.2	99.1	94.1	97.6
1996	48869	94.4	99.0	94.4	99.0	94.1	97.9
1997	49788	94.7	98.9	94.7	98.9	94.2	97.9
1998	47845	94.7	99.0	94.7	99.0	94.1	97.8
1999	42256	95.3	99.0	95.3	99.0	94.4	97.9
2000	31292	95.5	99.0	95.5	99.0	94.3	98.4
2001	24287	95.7	98.9	95.7	98.9	94.6	98.7
2002	18114	95.7	98.5	95.7	98.5	94.4	98.3
2003	17119	95.7	97.4	95.7	97.4	94.5	97.5
2004	15609	95.8	96.9	95.8	96.9	94.9	97.0
2005	11601	96.2	97.0	96.2	97.0	95.5	97.2
2006	10347	96.4	97.0	96.4	97.0	95.7	97.1
2007	8749	96.5	96.5	96.5	96.5	95.8	96.9
2008	8152	97.2	96.9	97.2	96.9	96.4	97.2
2009	7090	97.0	96.9	97.0	96.9	96.5	97.1
2010	6019	97.3	97.4	97.3	97.4	97.0	97.5
2011	5335	97.5	97.4	97.5	97.4	97.4	97.6
2012	5037	97.8	97.5	97.8	97.5	97.8	97.8
2013	4601	98.3	97.5	98.3	97.5	98.3	97.8
2014	4120	98.7	98.0	98.7	98.0	98.8	98.2
2015	3560	98.5	98.2	98.5	98.2	98.9	98.7
2016	3529	98.3	98.5	98.3	98.5	98.9	98.9
2017	2988	98.3	98.8	98.3	98.8	99.1	99.0
2018	2481	98.4	99.4	98.4	99.4	99.0	99.5
2019	1986	98.6	99.5	98.6	99.5	99.3	99.7
2020	1734	98.9	99.5	98.9	99.5	99.4	99.8
2021	1510	98.7	99.6	98.7	99.6	99.3	99.8
2022	1115	97.9	100.0	97.9	100.0	98.6	99.8
2023	1015	97.9	100.3	97.9	100.3	98.6	100.0
2024	89	97.6	100.7	97.6	100.7	98.2	100.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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1980	26	93.5	105.7	104.9	97.2	99.3	99.0
1981	37	95.5	105.1	103.0	97.2	98.8	98.5
1982	154	94.9	105.4	103.7	97.4	99.1	99.4
1983	282	94.3	105.2	104.1	97.3	99.4	99.3
1984	509	95.7	104.7	102.8	96.9	98.8	99.5
1985	1055	98.0	103.5	100.4	96.5	98.6	98.8
1986	1741	97.6	103.6	100.9	97.0	98.1	98.3
1987	2644	96.5	104.2	102.1	96.9	98.4	99.6
1988	3905	96.3	104.0	102.2	96.4	98.2	100.0
1989	4525	95.8	104.4	102.5	96.6	98.2	99.4
1990	7180	95.6	104.5	102.7	96.0	98.4	100.2
1991	11375	94.4	104.2	103.5	96.0	98.6	99.5
1992	12798	94.3	104.2	103.7	96.4	98.6	98.9
1993	11849	94.8	103.5	103.3	97.1	98.5	98.0
1994	16675	94.1	104.0	104.1	97.5	98.0	98.6
1995	19197	94.0	104.2	104.3	97.6	98.2	98.9
1996	19095	94.3	104.3	104.1	97.8	98.4	98.4
1997	19407	94.6	104.3	103.8	97.3	98.8	98.6
1998	18654	94.3	104.3	104.0	97.2	98.9	98.9
1999	17728	94.9	103.5	103.5	97.3	98.8	98.6
2000	12932	94.8	103.2	103.7	97.8	98.1	97.8
2001	10846	94.5	102.7	104.0	98.0	97.7	98.0
2002	7555	93.8	103.7	104.7	97.2	98.6	99.1
2003	7733	94.2	104.2	104.3	96.3	99.9	99.3
2004	7369	94.5	104.3	104.1	96.0	100.7	99.6
2005	6215	94.8	104.0	103.9	96.5	100.5	99.2
2006	5937	95.1	103.7	103.7	96.0	100.4	99.6
2007	5974	95.4	103.9	103.5	95.6	100.8	100.0
2008	5616	95.7	103.5	103.2	96.2	100.4	99.8
2009	5083	95.4	103.5	103.5	96.6	100.3	99.2
2010	4298	95.2	102.9	103.8	97.1	99.7	98.9
2011	3845	95.0	103.0	104.1	97.5	99.4	98.6
2012	3518	95.1	102.7	104.0	97.6	99.3	98.8
2013	3137	95.2	102.6	103.9	97.7	99.2	98.7
2014	2830	95.7	102.0	103.4	98.3	98.8	98.3
2015	2341	96.0	101.7	103.1	98.4	98.7	98.4
2016	2218	96.4	101.6	102.9	98.7	98.7	98.8
2017	1844	96.6	101.7	102.6	98.8	98.9	99.0
2018	1508	96.8	101.2	102.5	99.6	99.2	98.9
2019	1093	96.9	101.2	102.4	100.0	99.0	98.6
2020	898	97.1	101.0	102.2	100.4	99.0	98.1
2021	671	97.6	100.8	101.7	100.5	99.0	98.2
2022	499	97.7	100.6	101.7	100.5	99.0	98.5
2023	417	98.4	100.3	101.2	101.0	99.0	98.4
2024	58	98.2	101.2	101.5	100.6	99.1	98.8

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	31	105.4	110.4	97.1	103.1	108.6	98.1	104.3	98.3	109.8	99.1	103.8
1981	54	105.4	111.7	96.5	103.2	109.2	98.1	104.2	98.1	110.7	99.3	104.1
1982	183	105.9	111.3	97.1	103.1	109.6	97.9	104.7	98.2	110.8	99.3	104.6
1983	306	106.0	111.1	97.0	103.4	109.6	97.7	105.0	97.8	110.7	98.9	104.8
1984	544	106.0	111.1	96.8	103.1	109.5	97.5	104.9	98.0	110.5	98.8	104.7
1985	1286	105.6	111.1	95.8	102.7	109.0	96.6	104.9	97.9	109.8	98.2	103.7
1986	2123	105.7	110.7	95.8	102.6	109.0	96.4	104.9	98.0	109.8	98.0	103.8
1987	3171	107.3	112.0	95.5	103.6	111.2	96.0	106.3	97.7	111.6	97.6	105.6
1988	5080	107.1	112.1	95.7	103.4	111.4	96.0	106.3	97.4	111.6	97.7	105.3

1989	6331	106.4	111.6	96.1	103.1	110.5	96.3	105.6	97.4	111.0	97.8	104.8
1990	10487	106.6	111.7	96.4	103.3	110.5	96.5	105.6	97.8	111.2	98.0	104.9
1991	17775	106.2	110.5	96.3	102.6	109.9	96.3	105.4	97.8	110.5	97.7	104.4
1992	22837	106.3	110.7	96.4	102.7	110.1	96.3	105.4	97.9	110.7	97.7	104.5
1993	23591	105.9	110.6	96.6	102.8	109.7	96.6	104.9	98.0	110.3	97.9	104.5
1994	31658	106.3	111.2	97.1	103.7	109.3	97.5	105.0	98.7	110.3	98.2	106.1
1995	36118	106.3	110.6	97.4	103.6	108.7	97.7	104.9	99.3	109.5	98.3	106.1
1996	39973	105.6	110.1	97.8	103.4	108.0	98.2	104.3	98.9	109.4	98.4	106.0
1997	43677	104.8	109.1	97.9	102.8	107.2	98.2	103.6	98.9	108.6	98.3	104.8
1998	38302	104.4	108.1	98.0	102.7	106.8	98.1	103.4	98.8	108.1	97.8	104.6
1999	37420	104.0	107.6	97.9	102.4	106.2	97.9	103.0	99.0	107.5	97.7	104.2
2000	25748	103.9	106.7	98.1	102.2	105.8	98.2	102.7	99.6	106.9	98.0	103.7
2001	20685	103.8	106.1	99.2	101.9	105.7	98.6	102.5	100.1	106.3	98.8	103.1
2002	16856	104.1	106.3	99.3	102.3	105.7	98.8	102.9	100.1	106.2	99.0	103.3
2003	15562	103.7	105.7	99.3	102.2	104.9	98.9	102.3	100.6	105.6	98.8	103.0
2004	14382	103.4	105.3	99.0	102.3	104.4	98.7	102.0	100.9	105.3	98.3	103.1
2005	10879	103.0	104.9	99.2	101.9	104.1	98.8	101.7	100.6	105.0	98.5	102.8
2006	9544	102.8	104.4	99.3	101.6	103.8	98.9	101.5	100.9	104.5	98.8	102.2
2007	7584	102.5	104.2	99.5	101.3	103.4	99.0	101.3	100.8	104.1	99.1	101.8
2008	6565	102.4	103.7	99.6	101.1	103.3	99.1	101.3	100.5	103.7	99.3	101.4
2009	5648	102.0	103.8	99.2	101.4	103.0	99.5	101.0	100.2	103.6	99.4	101.2
2010	4353	101.7	103.2	99.5	100.8	102.8	99.4	100.9	99.9	103.4	99.4	100.8
2011	3254	101.5	102.5	99.7	100.3	102.4	99.4	100.8	99.9	102.9	99.3	100.6
2012	2341	101.7	102.7	99.6	100.3	102.9	99.2	101.0	99.6	103.2	99.3	100.8
2013	1875	102.0	102.5	99.7	100.3	103.1	99.1	101.4	99.5	103.2	99.5	100.9
2014	1345	102.1	102.3	100.2	100.3	103.0	98.9	101.7	99.4	102.9	99.9	100.7
2015	973	102.0	102.0	100.2	100.3	102.7	99.0	101.7	99.6	102.5	100.0	100.5
2016	881	102.2	102.7	99.6	100.7	103.2	98.9	101.9	99.0	103.0	99.8	100.8
2017	701	102.3	103.0	99.2	101.3	103.2	99.0	102.1	99.0	103.0	99.9	101.1
2018	542	102.3	102.7	99.4	101.4	102.9	99.2	102.2	99.2	102.7	100.4	100.9
2019	404	102.7	102.9	99.9	101.2	103.5	99.2	102.5	99.3	103.0	100.7	101.2
2020	365	102.7	102.9	99.8	100.9	103.8	99.1	102.3	99.2	103.2	100.5	101.0
2021	188	103.0	102.9	100.6	101.2	103.9	99.2	102.8	99.1	103.2	100.8	101.5

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	28	96.8	98.6	97.7
1981	51	96.9	98.7	98.0
1982	176	96.6	98.3	97.8
1983	297	96.5	98.2	97.6
1984	562	96.7	98.4	98.1
1985	1349	97.0	98.5	98.5
1986	2268	96.7	98.3	98.4
1987	3456	96.7	98.2	98.3
1988	5515	96.6	98.2	98.2
1989	7011	96.5	98.1	98.1
1990	11865	96.2	98.0	98.0
1991	20000	96.0	97.8	98.1
1992	22860	95.7	97.6	98.0
1993	27767	95.5	97.6	97.9
1994	43618	96.0	98.1	98.1
1995	49909	96.3	98.3	98.2
1996	51286	96.2	98.4	97.6
1997	52338	96.1	98.3	97.5
1998	51177	95.9	98.0	97.6
1999	45458	96.3	98.3	98.0
2000	33962	96.2	98.2	98.1
2001	26073	96.4	98.2	98.3

2002	19941	96.5	98.2	98.2
2003	18748	96.9	98.5	98.1
2004	17043	97.2	98.8	98.1
2005	12636	97.6	98.9	98.6
2006	11090	97.6	99.0	98.6
2007	9297	97.8	99.1	98.5
2008	8897	97.4	98.6	98.5
2009	7870	97.3	98.5	98.5
2010	6705	96.8	98.1	98.2
2011	5913	97.1	98.5	98.0
2012	5708	97.2	98.6	98.1
2013	5112	97.4	98.9	97.8
2014	4670	97.0	98.4	98.0
2015	4242	96.9	98.3	98.2
2016	4172	97.1	98.6	98.3
2017	3494	97.9	99.3	98.5
2018	2864	98.1	99.5	98.7
2019	2193	98.4	99.6	99.0
2020	1995	98.5	99.6	99.1
2021	1989	98.3	99.3	98.9
2022	1918	98.2	99.1	98.9
2023	1728	98.3	99.2	99.0
2024	139	98.3	99.1	98.8

Tabel: 130 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17499	-4638.5	-18536.8	-795.5	-661.8
2002	12312	-4585.0	-18292.4	-785.5	-654.8
2003	12075	-4298.5	-17334.8	-731.7	-615.9
2004	11128	-4162.8	-16890.5	-705.8	-597.5
2005	8762	-3951.2	-16038.2	-671.2	-566.4
2006	8167	-3708.9	-15039.5	-631.3	-531.1
2007	7050	-3514.8	-14333.5	-596.6	-503.9
2008	6500	-3397.2	-13810.5	-579.9	-485.5
2009	5460	-3263.3	-13207.8	-559.4	-465.3
2010	4690	-3138.1	-12669.7	-540.9	-446.1
2011	4312	-2969.5	-11982.7	-512.1	-422.0
2012	4175	-2830.0	-11404.7	-489.3	-401.6
2013	3916	-2671.4	-10791.0	-463.3	-378.2
2014	3390	-2493.1	-10027.8	-436.8	-350.9
2015	2691	-2411.1	-9763.5	-424.7	-337.9
2016	2477	-2153.5	-8741.5	-379.8	-301.5
2017	2033	-2057.7	-8322.5	-365.8	-286.7
2018	1667	-1838.2	-7494.7	-325.1	-256.8
2019	1427	-1536.3	-6407.1	-270.2	-214.9
2020	1346	-1348.2	-5794.1	-233.1	-190.1
2021	1086	-956.8	-4396.3	-160.1	-136.6
2022	43	-568.0	-2782.2	-93.8	-81.1

Tabel: 131 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1981	10	94.9	84.5	103.7	89.2



1982	31	95.1	84.6	103.6	89.0
1983	52	95.5	84.2	103.3	88.8
1984	88	94.7	85.2	103.2	88.8
1985	176	95.1	86.6	103.1	89.9
1986	277	94.7	86.2	103.1	89.2
1987	380	95.0	85.0	102.9	88.5
1988	527	95.1	84.3	102.8	88.3
1989	569	95.2	83.7	102.8	88.0
1990	733	95.3	82.7	102.6	87.2
1991	1490	95.8	83.0	103.2	88.3
1992	1727	95.6	82.3	103.1	87.6
1993	1609	95.6	82.1	102.9	87.7
1994	2309	96.3	77.8	103.4	86.1
1995	2737	96.5	77.8	103.1	85.9
1996	2601	96.6	78.3	103.2	86.3
1997	2983	96.3	79.6	103.3	86.6
1998	2793	96.4	79.8	103.0	86.6
1999	2632	96.1	80.3	102.9	86.4
2000	2107	95.8	81.1	102.5	86.4
2001	2030	95.9	81.5	102.0	86.3
2002	1544	96.0	82.3	101.9	86.6
2003	1723	96.5	83.7	102.0	87.9
2004	1689	96.8	84.3	102.0	88.5
2005	1387	97.2	84.4	101.9	88.9
2006	1433	97.4	85.1	101.6	89.3
2007	1248	97.5	85.8	101.4	89.6
2008	1153	97.5	85.9	101.3	89.5
2009	1255	96.9	86.6	101.3	89.4
2010	1299	97.2	87.1	100.9	89.7
2011	1256	97.6	88.1	100.6	90.6
2012	1191	97.6	89.2	100.4	91.1
2013	1144	98.5	90.2	100.1	92.2
2014	933	98.9	91.4	100.2	93.3
2015	790	99.0	92.7	100.0	94.2
2016	710	99.5	94.5	100.3	96.1
2017	571	99.8	95.7	100.2	97.0
2018	492	99.9	96.6	100.0	97.5
2019	367	100.1	97.7	100.0	98.4
2020	373	100.6	98.4	100.2	99.5
2021	337	99.9	99.4	100.6	99.8
2022	22	98.5	100.3	100.4	99.0

Tabel: 132 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.

Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	35	94.3	99.0	0	0.0	0.0	0	0.0
1981	61	93.3	98.8	0	0.0	0.0	0	0.0
1982	212	94.0	98.7	0	0.0	0.0	0	0.0
1983	374	93.9	98.8	0	0.0	0.0	0	0.0
1984	787	93.6	98.6	0	0.0	0.0	0	0.0
1985	1952	93.4	98.7	1577	-6.4	154.7	0	0.0
1986	3417	93.1	98.4	2479	-6.3	143.0	0	0.0
1987	5224	92.8	98.4	3534	-6.0	124.0	0	0.0
1988	8876	93.3	98.6	5086	-5.7	111.0	0	0.0
1989	10836	93.5	98.7	5591	-5.5	104.3	0	0.0
1990	15628	93.6	98.4	8452	-5.5	99.9	0	0.0
1991	22457	93.4	98.3	13246	-5.3	95.2	0	0.0
1992	25312	93.7	98.5	15476	-5.2	92.1	0	0.0

1993	24797	93.5	98.5	13969	-5.0	85.6	0	0.0
1994	32036	93.5	98.7	18273	-4.3	65.7	0	0.0
1995	35779	93.4	98.6	20387	-4.1	64.1	0	0.0
1996	33710	93.6	98.4	19014	-3.9	61.1	0	0.0
1997	32865	94.0	98.3	18996	-3.8	59.9	0	0.0
1998	31016	93.9	98.3	17453	-3.6	58.4	0	0.0
1999	27020	93.9	98.2	15183	-3.5	57.4	0	0.0
2000	20338	94.3	98.5	11039	-3.4	56.2	0	0.0
2001	17492	95.0	98.6	9234	-3.2	53.8	9205	95.2
2002	12297	94.9	98.4	6394	-2.9	45.8	6369	96.2
2003	12066	95.3	98.9	6342	-2.5	39.2	6328	96.8
2004	11101	95.4	99.1	5928	-2.2	33.0	5909	97.5
2005	8744	95.7	99.2	4571	-2.2	36.7	4558	96.9
2006	8135	96.3	99.7	4063	-2.1	35.2	4037	97.0
2007	7015	96.6	99.9	3362	-2.0	34.4	3334	97.0
2008	6464	96.5	99.7	3030	-1.9	35.5	3010	96.8
2009	5398	96.3	99.9	2482	-1.9	32.4	2458	97.2
2010	4625	96.4	99.6	2137	-1.8	31.4	2114	97.2
2011	4258	96.7	99.6	1939	-1.7	31.0	1916	97.2
2012	4146	96.8	99.7	1768	-1.6	28.7	1741	97.4
2013	3861	96.9	99.5	1600	-1.5	28.6	1569	97.4
2014	3344	97.1	99.3	1268	-1.4	24.1	1232	97.8
2015	2652	97.1	99.5	998	-1.4	21.5	962	98.2
2016	2403	97.7	99.7	932	-1.2	14.4	884	99.1
2017	1980	97.9	99.6	767	-1.0	8.9	714	99.7
2018	1611	98.5	100.0	605	-0.7	6.6	555	100.0
2019	1379	98.8	99.8	461	-0.6	7.0	413	100.0
2020	1306	99.0	100.0	416	-0.6	8.0	373	99.7
2021	1061	99.5	100.0	240	-0.1	-1.7	194	101.0
2022	42	99.3	99.3	40	0.1	13.0	1	95.0
2023	0	0.0	0.0	29	0.3	-3.0	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	15	100.0	0	0.0	0	0.0	15	95.8
1981	18	99.6	1	98.0	1	96.0	18	95.5
1982	76	99.8	0	0.0	0	0.0	76	95.4
1983	109	99.9	0	0.0	0	0.0	109	95.8
1984	176	99.7	1	99.0	1	94.0	176	95.0
1985	347	99.7	3	96.7	0	0.0	347	94.9
1986	546	99.7	3	97.7	2	95.5	546	94.7
1987	749	99.8	1	95.0	1	99.0	749	95.1
1988	1102	99.9	0	0.0	0	0.0	1102	95.6
1989	1199	99.9	3	100.0	1	95.0	1199	95.3
1990	1914	99.7	27	97.6	22	97.2	1914	95.3
1991	3198	99.0	195	96.0	193	99.0	3198	94.2
1992	3633	99.1	164	95.8	163	99.0	3633	94.0
1993	3462	99.1	152	96.1	149	98.9	3462	94.2
1994	4909	98.9	582	99.5	550	96.4	4909	94.1
1995	5805	99.6	862	101.5	832	96.5	5805	94.5
1996	5766	99.5	728	100.5	632	96.6	5766	94.4
1997	6348	98.8	910	99.1	781	97.0	6348	93.7
1998	6378	98.8	717	98.5	601	98.1	6378	93.3
1999	6175	99.2	710	99.5	615	98.3	6175	93.7
2000	5086	99.8	615	100.9	567	98.7	5086	94.7
2001	5129	100.1	657	101.5	606	98.8	5129	95.0
2002	4080	100.2	519	101.6	492	98.5	4080	95.0
2003	4547	99.6	621	100.2	593	98.5	4547	95.2

2004	4702	99.0	606	99.0	594	98.7	4702	94.6
2005	4161	98.8	531	98.9	529	98.7	4160	94.9
2006	4302	98.8	545	98.8	540	98.7	4302	95.0
2007	4194	98.8	450	98.7	445	99.0	4194	95.2
2008	4410	99.2	398	99.2	391	99.2	4410	95.4
2009	4234	99.7	350	99.9	348	99.5	4234	96.2
2010	4165	99.8	296	100.4	291	99.5	4165	96.2
2011	3867	99.7	309	100.1	304	99.7	3867	96.3
2012	3710	99.4	269	100.1	271	99.7	3709	96.4
2013	3470	99.3	223	100.0	224	99.8	3470	96.6
2014	3000	99.5	171	100.2	167	100.0	3000	97.4
2015	2405	99.9	137	100.5	140	100.0	2405	98.1
2016	2219	100.1	101	101.1	98	100.1	2219	98.8
2017	1778	100.3	53	101.0	53	99.9	1776	99.0
2018	1457	100.5	32	101.2	37	100.6	1457	99.8
2019	1245	100.5	15	101.3	23	100.6	1245	100.0
2020	1139	100.4	10	101.2	20	100.5	1139	100.5
2021	925	100.3	3	101.0	4	101.8	925	100.9
2022	42	100.2	0	0.0	0	0.0	42	100.4

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1982	13	101.3	99.6	101.8	100.8	100.2	98.8
1983	29	100.8	99.2	101.8	100.4	99.6	98.5
1984	30	99.9	98.5	101.0	99.0	99.3	98.6
1985	39	101.3	100.3	101.4	100.7	100.4	99.0
1986	56	100.7	99.4	100.9	100.1	99.9	98.6
1987	84	100.7	99.1	101.2	100.0	100.2	98.8
1988	176	100.9	99.3	101.2	99.9	100.8	99.4
1989	194	101.0	99.6	101.2	100.0	100.9	99.3
1990	230	100.7	99.2	100.7	99.9	100.9	99.1
1991	614	101.2	99.9	101.2	100.8	100.4	98.7
1992	561	101.1	99.8	101.2	100.7	100.4	98.7
1993	555	101.1	99.8	101.2	100.5	100.4	98.7
1994	1170	101.2	100.4	101.6	100.2	100.1	99.2
1995	1512	100.4	99.4	101.0	99.4	99.8	98.3
1996	1499	99.6	98.5	100.2	98.8	99.6	97.7
1997	1766	99.5	98.4	99.7	98.8	99.6	97.7
1998	1581	99.5	98.2	99.8	99.1	99.3	97.8
1999	1474	99.5	98.2	99.8	99.0	99.2	97.6
2000	1243	99.8	98.8	100.0	99.3	98.9	97.8
2001	1250	100.2	99.4	100.5	99.4	99.6	98.4
2002	938	100.1	99.1	100.4	99.4	99.8	98.3
2003	1081	100.0	99.7	99.7	98.9	99.9	98.7
2004	1029	100.3	100.4	99.6	98.9	100.1	99.0
2005	868	100.4	100.3	99.6	99.4	100.4	98.8
2006	929	101.2	101.5	100.0	99.8	101.0	99.6
2007	816	101.3	101.6	100.1	99.7	101.3	99.8
2008	764	101.5	101.7	100.5	99.9	101.2	100.0
2009	652	101.6	101.6	100.7	100.2	101.1	100.2
2010	581	101.7	101.4	100.7	100.4	101.1	100.1
2011	600	101.3	100.8	100.3	100.3	100.8	99.6
2012	533	101.0	100.6	100.1	100.3	100.4	99.2
2013	423	101.1	100.5	99.9	100.4	100.4	99.3
2014	345	100.8	100.0	99.8	100.5	100.2	98.2
2015	283	100.5	99.5	99.6	100.3	99.9	98.2
2016	196	100.3	99.3	99.6	100.1	100.1	97.8
2017	141	100.6	99.4	99.8	100.3	100.3	98.6

2018	111	100.9	99.6	100.3	100.4	101.1	99.1
2019	87	101.1	99.6	100.5	100.4	101.4	99.2
2020	71	100.7	99.3	100.4	100.2	100.9	98.8
2021	52	100.5	98.9	100.0	99.8	101.1	98.8

Tabel: 135 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	627	-1086.0	-49.0	-53.5	-50.9	-0.9	-25.0	-1.7	-337.6
1981	806	-1089.4	-45.5	-53.6	-51.0	5.9	-24.9	-1.7	-330.5
1982	3993	-1085.0	-47.9	-53.4	-50.8	1.1	-24.9	-1.7	-334.9
1983	7260	-1067.6	-46.0	-51.8	-50.0	3.2	-23.0	-1.7	-324.2
1984	7642	-1070.9	-45.3	-51.3	-50.2	5.2	-21.6	-1.7	-320.6
1985	11073	-1173.3	-43.8	-52.7	-54.9	17.0	-17.5	-1.6	-324.6
1986	22115	-1135.0	-43.9	-50.9	-53.1	13.5	-16.5	-1.6	-317.1
1987	32021	-1163.1	-46.5	-51.3	-54.4	11.0	-15.1	-1.6	-324.3
1988	34043	-1199.1	-47.0	-51.7	-56.0	13.3	-13.4	-1.6	-327.4
1989	50347	-1087.0	-45.1	-46.7	-50.9	7.1	-11.8	-1.7	-301.7
1990	50973	-1041.8	-44.0	-45.4	-48.9	5.3	-12.3	-1.7	-293.2
1991	41788	-996.9	-41.0	-43.4	-46.8	7.1	-11.7	-1.7	-278.2
1992	36150	-958.8	-38.9	-41.9	-45.1	7.8	-11.4	-1.7	-267.1
1993	38900	-848.4	-35.3	-37.6	-40.0	5.4	-10.7	-1.7	-240.1
1994	33535	-716.0	-28.3	-32.7	-34.0	7.0	-10.4	-1.8	-203.5
1995	30688	-601.5	-22.9	-29.2	-28.8	7.6	-11.4	-1.8	-176.5
1996	23481	-513.6	-20.2	-26.4	-24.7	5.4	-12.0	-1.8	-158.4
1997	16358	-426.3	-15.3	-22.1	-20.8	7.1	-10.0	-1.9	-129.1
1998	10205	-424.5	-14.7	-21.5	-20.7	7.9	-9.2	-1.9	-125.4
1999	6946	-380.8	-11.5	-19.6	-18.7	9.8	-8.6	-1.9	-110.2
2000	4920	-332.8	-12.5	-18.5	-16.2	4.7	-9.5	-1.4	-107.0
2001	4281	-229.0	-11.3	-15.2	-9.2	-0.5	-10.1	2.4	-88.6
2002	2996	-182.6	-7.5	-12.5	-6.8	2.2	-8.5	2.7	-69.2
2003	2733	-131.8	-5.5	-10.1	-5.5	1.5	-7.6	1.1	-54.5
2004	2474	-80.1	-1.9	-7.5	-3.2	3.6	-6.4	1.0	-35.6
2005	2093	-65.9	-3.2	-6.7	-2.6	0.5	-6.0	0.8	-35.0
2006	2297	87.7	1.9	-0.7	4.1	-2.0	-5.5	0.1	2.2
2007	2313	77.9	3.6	-0.8	3.1	1.0	-5.0	-0.6	5.2
2008	2412	139.0	6.4	1.7	5.7	1.1	-4.6	-0.9	22.0
2009	1907	153.0	6.7	2.8	6.1	0.6	-3.7	-1.4	27.7
2010	1805	215.9	7.9	4.6	8.8	-1.6	-4.4	-1.6	38.2
2011	1736	294.0	11.9	7.7	12.4	-0.7	-3.9	-1.7	60.4
2012	1818	350.1	14.9	9.8	14.9	0.1	-3.9	-1.8	75.8
2013	2063	370.9	15.2	12.0	16.2	-1.0	-1.9	-1.2	85.9
2014	1828	440.5	17.4	14.0	18.8	-2.2	-2.6	-2.1	99.5
2015	2080	443.5	18.4	13.1	17.4	-0.8	-4.1	-4.4	97.3
2016	1443	470.8	19.5	15.4	19.6	-1.0	-2.1	-2.9	110.0
2017	1163	499.0	21.0	16.6	21.0	-0.7	-1.8	-2.8	118.6
2018	1012	512.7	22.2	17.0	22.0	0.1	-2.2	-2.3	122.7
2019	1001	482.7	22.3	16.6	20.4	2.2	-1.0	-2.6	121.1
2020	1045	552.2	25.9	18.5	23.5	3.2	-1.9	-2.7	137.4
2021	800	636.5	30.5	22.5	27.2	4.0	-0.7	-2.9	164.5
2022	29	677.3	34.4	25.0	30.0	6.6	0.5	-1.7	183.9

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

Tabel: 136 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	725	95.1	89.0	95.2	96.7	95.5	93.9	96.2
1981	1169	94.1	88.9	94.2	95.7	95.8	94.5	95.8
1982	4700	95.2	90.0	95.2	96.9	96.5	94.5	96.4
1983	8303	94.9	90.6	95.5	96.6	96.7	94.3	96.3
1984	7276	94.6	91.0	95.2	96.3	97.1	94.8	96.5
1985	8953	93.9	90.4	94.6	96.0	97.2	94.6	95.0
1986	15967	94.1	90.5	95.1	96.9	96.8	93.7	95.1
1987	21635	94.7	91.4	95.6	96.1	97.2	94.0	96.5
1988	19247	94.7	91.9	95.6	95.9	97.6	94.7	96.8
1989	27284	95.1	93.5	96.0	95.9	97.9	95.7	97.4
1990	27355	95.2	93.5	95.8	95.8	97.9	95.6	97.5
1991	22567	96.1	92.7	96.5	96.7	97.3	95.0	97.5
1992	19659	96.3	92.7	96.8	97.2	97.4	94.7	97.6
1993	20559	96.9	93.0	97.2	98.0	96.9	94.9	98.2
1994	16909	97.2	93.7	98.5	99.1	96.8	94.4	98.7
1995	15341	97.6	93.7	99.7	100.7	96.0	95.1	97.9
1996	11340	98.5	93.4	100.4	101.1	95.9	95.1	98.3
1997	7323	98.3	93.4	100.6	101.7	95.6	95.4	97.7
1998	3885	98.8	93.4	100.9	101.8	95.8	95.0	97.7
1999	2696	98.9	93.6	100.9	101.9	95.5	95.1	97.9
2000	1688	99.4	93.6	100.4	101.5	95.7	95.0	98.1
2001	1478	99.6	94.2	100.5	101.5	95.7	95.4	97.9
2002	1000	99.6	94.5	100.8	101.8	96.1	95.3	98.0
2003	955	100.5	95.2	101.5	102.4	96.2	96.0	98.1
2004	906	100.9	95.4	101.8	102.8	95.9	96.1	98.2
2005	718	101.2	95.8	102.1	102.7	96.2	96.0	98.1
2006	755	101.2	95.4	102.0	103.0	95.3	96.6	98.0
2007	787	101.0	95.5	101.1	102.0	95.8	97.1	98.8
2008	889	101.4	96.0	101.6	102.3	96.0	96.8	99.2
2009	753	101.9	96.1	102.1	102.9	96.0	96.9	98.5
2010	736	102.1	96.1	102.2	103.0	96.0	96.8	98.8
2011	701	102.1	96.4	102.4	103.4	95.9	97.1	99.1
2012	645	102.2	96.6	102.4	103.3	96.1	96.6	99.1
2013	705	102.2	96.4	102.5	104.0	95.4	96.9	98.8
2014	681	102.7	96.2	102.1	103.7	95.5	97.1	99.7
2015	810	103.3	95.9	102.1	104.0	95.4	97.4	99.5
2016	515	103.2	96.3	102.7	104.3	95.7	97.1	99.4
2017	369	103.2	96.4	102.6	104.2	95.6	97.0	99.4
2018	307	103.6	97.0	103.0	104.2	96.3	97.1	99.3
2019	309	103.2	97.7	102.8	103.9	96.8	97.1	99.7
2020	287	103.3	97.3	102.8	104.1	96.2	96.9	99.5
2021	159	103.6	97.6	102.9	104.4	96.3	96.9	99.8

Tabel: 137 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	725	88.7	101.3	98.2	86.2	86.8
1981	1169	89.2	100.6	98.2	86.3	87.5
1982	4700	89.8	101.0	97.7	87.1	88.2
1983	8303	90.0	101.4	97.8	87.2	88.1
1984	7276	89.9	101.5	97.4	87.8	88.5
1985	8953	90.5	99.9	98.5	88.5	89.1
1986	15967	90.8	101.4	97.5	88.7	89.3
1987	21635	92.3	101.6	96.8	89.4	91.3
1988	19247	92.5	100.8	97.4	89.7	91.7
1989	27284	91.8	100.2	98.1	89.4	91.0
1990	27355	91.8	99.9	98.3	89.5	90.8

1991	22567	92.2	100.9	97.6	89.9	91.2
1992	19659	92.4	101.1	97.6	90.5	91.5
1993	20559	92.6	102.1	97.5	91.4	91.6
1994	16909	92.4	102.6	96.7	91.2	91.7
1995	15341	92.3	102.6	96.2	90.8	91.9
1996	11340	93.4	101.9	96.8	91.2	92.9
1997	7323	93.2	102.4	96.7	91.2	92.6
1998	3885	93.3	103.3	96.3	91.1	92.6
1999	2696	93.7	103.2	96.4	91.3	93.2
2000	1688	94.9	102.6	97.1	92.2	94.3
2001	1478	94.8	102.3	97.7	92.5	94.2
2002	1000	95.4	102.4	98.1	93.3	94.9
2003	955	95.4	102.0	98.5	94.0	95.1
2004	906	95.7	102.0	98.4	94.4	95.6
2005	718	95.9	101.8	99.0	94.4	95.9
2006	755	96.0	102.2	98.6	94.9	96.1
2007	787	96.5	101.2	99.2	95.1	96.6
2008	889	96.3	100.9	99.1	95.2	96.4
2009	753	96.5	101.0	99.4	95.3	96.7
2010	736	97.0	100.9	99.7	95.6	97.4
2011	701	97.5	101.0	99.7	96.2	98.2
2012	645	97.7	100.8	99.9	96.8	98.5
2013	705	97.5	100.8	100.4	96.4	98.3
2014	681	98.1	100.3	100.4	96.8	98.9
2015	810	98.0	100.1	100.8	96.5	98.5
2016	515	98.5	100.5	100.9	96.7	99.2
2017	369	98.6	100.4	100.6	97.1	99.7
2018	307	99.2	100.4	100.4	97.8	100.1
2019	309	99.6	100.7	100.1	98.8	100.7
2020	287	100.0	100.8	99.9	98.9	101.1
2021	159	100.1	100.5	100.6	98.5	101.0

Tabel: 138 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1980	725	96.8	92.6	100.1	99.0	97.1	93.9	91.8	98.6
1981	1169	97.0	92.5	100.0	99.0	97.2	94.9	92.4	98.4
1982	4700	97.3	92.9	99.6	99.1	97.7	94.8	92.6	98.8
1983	8303	96.9	92.8	100.0	98.9	97.4	94.8	92.5	98.4
1984	7276	96.7	92.7	100.7	98.6	97.2	95.3	92.9	98.3
1985	8953	97.7	93.8	101.0	99.1	97.9	96.5	93.9	98.1
1986	15967	98.1	93.9	101.3	98.9	98.3	96.1	93.9	98.0
1987	21635	97.6	94.6	102.5	98.5	98.0	95.5	93.8	98.9
1988	19247	97.4	94.7	102.9	98.4	97.6	95.5	93.9	99.0
1989	27284	96.9	94.2	100.2	97.4	96.7	94.1	92.4	96.5
1990	27355	97.1	94.6	100.2	97.8	97.0	94.6	92.9	96.8
1991	22567	97.9	94.8	100.4	98.5	97.6	94.7	93.2	97.2
1992	19659	98.2	95.6	100.8	98.8	98.0	95.1	94.0	97.8
1993	20559	98.7	96.4	100.3	99.0	97.7	95.8	94.6	96.9
1994	16909	98.9	96.8	100.4	98.9	97.7	96.5	95.4	96.6
1995	15341	99.2	97.6	99.9	98.4	98.3	96.9	95.9	96.7
1996	11340	99.2	98.4	100.0	98.4	98.8	97.5	96.7	97.7
1997	7323	98.7	98.1	100.1	98.1	99.0	97.2	96.3	97.8
1998	3885	98.5	97.9	100.4	98.3	99.0	97.6	96.4	98.1
1999	2696	99.1	98.5	100.2	98.9	99.9	98.3	97.3	98.7
2000	1688	99.4	98.5	101.2	99.6	100.3	98.5	97.8	99.4
2001	1478	99.6	98.5	101.1	99.6	100.4	98.1	97.3	99.1
2002	1000	99.6	99.0	100.2	99.7	100.2	98.7	98.0	98.6
2003	955	99.7	99.2	100.4	100.1	100.6	98.8	98.1	99.4

2004	906	100.2	100.0	100.1	100.3	101.1	99.1	98.6	99.5
2005	718	100.1	100.0	100.8	100.3	101.1	99.2	98.8	99.8
2006	755	100.0	99.4	100.9	100.3	101.5	99.0	98.4	100.0
2007	787	100.1	100.2	101.2	100.4	102.2	99.8	99.4	100.5
2008	889	99.8	100.3	100.9	100.5	102.2	100.3	99.8	100.6
2009	753	100.4	100.9	100.5	100.9	102.3	100.3	100.0	100.5
2010	736	100.8	101.2	100.3	101.4	102.8	100.6	100.4	100.7
2011	701	100.9	100.9	100.8	101.1	102.6	100.3	100.1	100.4
2012	645	101.1	101.1	100.3	101.4	102.7	100.7	100.8	100.6
2013	705	100.9	102.5	100.7	101.1	103.8	101.3	101.7	101.5
2014	681	102.0	102.4	100.2	102.2	103.9	101.1	101.5	101.6
2015	810	102.9	102.3	99.3	102.9	103.6	101.0	101.7	101.0
2016	515	102.7	102.7	99.5	102.9	104.1	101.6	102.1	101.4
2017	369	102.6	103.0	99.8	102.9	104.6	102.0	102.4	101.8
2018	307	103.0	102.7	100.0	103.1	104.6	101.7	101.9	101.7
2019	309	102.7	102.7	99.8	103.0	103.9	101.6	102.0	101.3
2020	287	103.1	102.5	100.2	103.5	104.7	102.4	102.5	102.3
2021	159	103.0	102.9	99.5	103.3	104.6	101.9	102.0	102.0

Tabel: 139 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	725	87.9	83.5	92.4	85.4	92.1	80.5
1981	1169	87.2	83.0	92.9	85.8	92.8	80.8
1982	4700	88.7	84.5	93.4	86.5	93.1	82.0
1983	8303	88.8	84.7	93.0	86.6	93.7	81.9
1984	7276	89.1	84.9	93.0	86.7	94.3	82.1
1985	8953	87.6	84.4	94.5	87.3	93.8	82.8
1986	15967	87.6	84.8	94.6	87.5	93.2	83.0
1987	21635	89.2	86.4	94.1	89.7	94.5	84.9
1988	19247	89.7	86.9	93.9	90.1	95.2	85.3
1989	27284	91.3	87.5	92.4	89.4	96.4	84.6
1990	27355	91.3	87.3	93.0	89.2	96.3	84.7
1991	22567	91.3	87.5	93.8	89.6	95.1	85.4
1992	19659	91.4	88.0	94.6	89.9	94.9	86.0
1993	20559	92.3	88.5	95.2	90.1	94.4	86.7
1994	16909	93.1	89.4	95.7	90.0	94.6	87.2
1995	15341	93.6	89.7	96.2	90.1	94.1	87.6
1996	11340	94.2	90.5	96.9	91.3	94.2	89.0
1997	7323	94.1	90.3	96.5	91.0	93.9	88.5
1998	3885	94.1	90.4	96.6	91.0	93.7	88.7
1999	2696	94.4	90.8	97.8	91.7	93.7	89.8
2000	1688	94.4	91.2	98.4	93.1	94.1	91.0
2001	1478	94.8	91.4	98.3	93.0	94.2	91.1
2002	1000	95.0	92.1	98.6	93.8	94.6	91.9
2003	955	96.1	92.9	99.1	94.1	95.1	92.7
2004	906	96.5	93.2	99.8	94.5	95.0	93.4
2005	718	96.7	93.6	99.8	95.0	95.3	93.9
2006	755	96.7	93.1	99.7	95.1	94.8	93.8
2007	787	97.0	93.5	100.6	95.8	95.1	94.9
2008	889	97.5	94.1	100.8	95.6	95.4	95.0
2009	753	97.6	94.2	101.3	95.9	95.6	95.5
2010	736	97.8	94.6	102.0	96.6	95.5	96.4
2011	701	98.2	95.2	101.6	97.4	95.6	96.9
2012	645	98.2	95.5	102.0	97.7	95.8	97.4
2013	705	98.2	95.3	102.9	97.6	95.0	97.7
2014	681	98.6	95.7	103.5	98.2	95.4	98.5
2015	810	98.7	95.5	103.8	98.0	95.1	98.5
2016	515	98.8	96.1	104.3	98.7	95.4	99.3

2017	369	98.8	96.2	104.8	99.1	95.5	99.7
2018	307	99.2	96.8	104.8	99.6	96.1	100.3
2019	309	99.5	97.6	104.3	100.2	96.9	100.7
2020	287	99.3	97.5	105.1	100.6	96.4	101.3
2021	159	99.6	97.7	105.0	100.7	96.3	101.4

Tabel: 140 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	1562	100.0	99.4	97.7	98.2	98.3	100.8	93.7	98.3	98.7
1981	2670	100.4	99.7	98.1	98.6	98.8	101.0	92.7	98.7	99.1
1982	9118	100.2	99.5	97.9	98.4	98.6	101.3	93.1	98.4	98.9
1983	15758	100.1	99.3	97.8	98.1	98.3	100.8	93.1	98.2	98.6
1984	14685	100.3	99.2	97.9	98.2	98.5	101.3	92.6	98.3	98.9
1985	17831	100.5	99.2	98.1	98.5	98.9	101.2	91.4	98.4	99.0
1986	31686	100.5	99.1	98.0	98.4	98.8	101.0	91.7	98.3	98.9
1987	42200	101.8	98.8	98.5	98.5	99.6	101.7	92.1	98.4	99.4
1988	39895	101.8	98.7	98.4	98.4	99.5	101.6	91.6	98.3	99.3
1989	57343	100.1	98.1	96.9	97.1	97.5	100.1	91.4	97.1	97.6
1990	57743	100.2	97.9	96.8	96.9	97.5	100.1	91.3	96.9	97.6
1991	48476	100.2	97.8	97.0	96.9	97.8	100.5	92.8	97.0	97.8
1992	42534	100.6	97.9	97.4	97.2	98.2	101.0	93.4	97.3	98.2
1993	45048	100.6	98.1	97.6	97.5	98.6	101.1	93.9	97.6	98.5
1994	39445	100.0	98.0	97.2	97.2	98.2	101.3	94.5	97.2	98.2
1995	36020	99.6	97.5	96.8	96.6	97.8	100.8	95.2	96.7	97.7
1996	27751	99.6	97.5	96.9	96.5	97.9	100.9	96.4	96.8	97.8
1997	19531	99.2	96.7	96.3	95.7	97.4	100.9	96.5	96.0	97.2
1998	12478	98.8	97.2	96.3	96.0	97.2	100.6	96.7	96.3	97.2
1999	8479	98.5	97.0	96.0	95.7	96.9	100.5	96.9	96.0	97.0
2000	5828	98.5	96.9	96.1	95.8	97.0	100.6	97.3	96.0	97.0
2001	5062	98.6	97.2	96.4	96.2	97.3	100.3	97.2	96.3	97.2
2002	3655	98.2	97.3	96.2	96.1	97.0	100.0	97.7	96.3	97.0
2003	3367	97.6	97.2	95.8	95.6	96.4	99.4	99.1	95.9	96.5
2004	3024	97.6	97.5	96.0	95.8	96.6	99.5	99.7	96.2	96.7
2005	2488	97.5	97.8	96.1	96.2	96.7	99.7	99.8	96.5	96.9
2006	2724	97.3	97.1	95.9	95.6	96.6	100.0	100.1	96.0	96.7
2007	2849	97.3	97.3	96.0	95.8	96.6	99.9	100.9	96.1	96.8
2008	2980	97.4	97.2	96.0	95.8	96.7	100.1	101.1	96.1	96.8
2009	2362	97.3	97.5	96.2	96.0	96.9	100.2	101.4	96.4	97.0
2010	2186	97.7	97.4	96.4	96.1	97.1	100.1	101.6	96.5	97.2
2011	2154	97.2	97.3	95.9	95.7	96.6	99.6	102.0	96.1	96.7
2012	2235	97.1	97.4	96.1	95.9	96.7	99.3	102.1	96.3	96.7
2013	2501	98.1	97.1	96.7	96.1	97.7	100.5	101.8	96.5	97.5
2014	2177	98.1	97.2	96.9	96.3	97.7	99.9	102.8	96.6	97.5
2015	2558	99.1	97.4	97.8	96.9	98.7	100.5	103.2	97.3	98.3
2016	1816	98.7	97.4	97.6	96.9	98.6	100.6	103.1	97.2	98.2
2017	1437	98.5	97.6	97.6	97.0	98.5	100.5	102.9	97.3	98.2
2018	1229	98.7	98.0	98.0	97.4	98.9	100.5	103.1	97.7	98.6
2019	1274	98.6	98.3	98.3	97.7	99.1	100.4	103.1	98.1	98.8
2020	1281	98.5	98.4	98.4	97.9	99.1	100.3	103.6	98.1	98.8
2021	998	98.3	98.4	98.3	97.9	99.0	100.0	103.8	98.1	98.7
2022	289	98.5	98.7	98.7	98.3	99.4	100.3	104.2	98.5	99.1

Tabel: 141 MRIJ - Holstein Friesian roodbont: Gebruikskenmerken  
Basis: Dubbeldoel  
Land: NL



Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	360	98.7	97.4	96.6	100.6	100.7
1981	497	97.8	97.4	97.3	101.3	101.6
1982	2001	97.9	96.5	97.3	101.2	101.2
1983	3650	98.3	96.1	97.0	100.9	100.9
1984	3301	97.8	95.8	96.9	100.9	101.0
1985	4237	97.7	94.9	96.6	100.6	101.0
1986	8293	97.4	94.8	96.5	100.5	100.7
1987	11872	97.1	94.8	96.2	100.0	100.5
1988	10758	97.2	95.1	96.2	99.9	100.6
1989	15984	98.7	96.2	96.1	99.5	99.5
1990	16703	98.6	96.3	96.3	99.5	99.5
1991	17835	99.1	96.5	96.2	99.5	99.5
1992	19369	98.8	96.4	96.3	99.5	99.6
1993	19923	99.4	96.6	96.7	100.2	99.8
1994	16210	99.2	95.8	96.6	99.9	99.8
1995	14426	99.3	96.3	96.1	98.8	99.6
1996	10637	99.5	96.7	96.0	98.7	99.7
1997	6910	98.7	96.7	96.1	98.7	99.2
1998	3587	98.5	96.0	96.4	99.1	99.2
1999	2477	98.5	95.9	96.2	98.8	98.6
2000	1541	98.1	96.1	96.6	99.3	99.0
2001	1393	98.3	95.7	96.1	98.6	98.2
2002	959	98.9	96.5	96.7	99.0	98.9
2003	873	98.8	96.9	96.3	98.6	98.4
2004	803	98.6	96.6	96.6	98.6	98.3
2005	664	98.6	96.4	96.4	98.4	98.2
2006	700	98.8	97.3	96.5	98.4	98.0
2007	698	98.8	97.6	97.0	98.9	98.6
2008	754	99.1	97.5	97.0	98.7	98.4
2009	588	98.6	97.2	97.2	98.8	98.4
2010	602	98.4	97.5	97.5	99.1	98.5
2011	583	98.6	98.1	97.7	99.1	98.5
2012	494	99.0	98.3	97.9	99.4	98.5
2013	546	98.5	97.7	98.2	99.8	99.1
2014	506	99.1	98.5	98.1	99.4	98.5
2015	705	100.7	99.3	97.2	98.6	97.5
2016	435	99.7	98.9	98.5	99.8	98.7
2017	352	99.6	99.3	99.1	100.4	99.3
2018	317	99.5	99.5	99.4	100.6	99.3
2019	302	99.2	100.0	99.7	100.9	99.7
2020	281	100.0	100.0	99.6	100.9	99.5
2021	163	99.6	100.1	100.0	101.4	99.8

Tabel: 142 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	627	-227.6	-337.6	70.6	100.7	98.7	92.4	85.4	96.2	0.0
1981	806	-201.5	-330.5	67.0	101.6	99.1	92.9	85.8	96.7	0.0
1982	3993	-215.5	-334.9	23.7	101.3	98.9	93.4	86.5	96.5	0.0
1983	7260	-222.0	-324.2	-48.5	101.0	98.6	93.0	86.6	96.5	0.0
1984	7642	-234.4	-320.6	-201.8	101.0	98.9	93.0	86.7	96.6	0.0
1985	11073	-232.9	-324.6	-319.7	100.9	99.0	94.5	87.3	97.4	127.7
1986	22115	-241.1	-317.1	-407.2	100.7	98.9	94.6	87.5	97.0	118.3
1987	32021	-233.9	-324.3	-489.9	100.4	99.4	94.1	89.7	96.9	100.4
1988	34043	-237.1	-327.4	-529.1	100.3	99.3	93.9	90.1	96.8	90.4
1989	50347	-256.7	-301.7	-529.3	99.4	97.6	92.4	89.4	96.3	74.8
1990	50973	-252.2	-293.2	-517.3	99.4	97.6	93.0	89.2	96.0	73.7

1991	41788	-240.5	-278.2	-496.9	99.4	97.8	93.8	89.6	96.1	74.4
1992	36150	-227.4	-267.1	-471.4	99.5	98.2	94.6	89.9	96.1	72.3
1993	38900	-205.2	-240.1	-436.4	99.9	98.5	95.2	90.1	96.3	66.8
1994	33535	-191.1	-203.5	-411.8	99.8	98.2	95.7	90.0	96.5	59.2
1995	30688	-184.4	-176.5	-376.8	99.2	97.7	96.2	90.1	96.7	59.2
1996	23481	-166.1	-158.4	-327.2	99.2	97.8	96.9	91.3	97.1	54.8
1997	16358	-167.7	-129.1	-322.0	98.9	97.2	96.5	91.0	96.9	55.3
1998	10205	-164.4	-125.4	-321.8	99.0	97.2	96.6	91.0	96.8	53.3
1999	6946	-152.5	-110.2	-298.5	98.5	97.0	97.8	91.7	97.1	52.3
2000	4920	-133.8	-107.0	-276.0	99.0	97.0	98.4	93.1	97.5	50.2
2001	4281	-132.7	-88.6	-238.8	98.2	97.2	98.3	93.0	97.4	46.9
2002	2996	-110.7	-69.2	-196.9	98.9	97.0	98.6	93.8	97.3	43.3
2003	2733	-110.1	-54.5	-182.9	98.3	96.5	99.1	94.1	96.9	34.5
2004	2474	-94.5	-35.6	-146.1	98.3	96.7	99.8	94.5	96.9	32.2
2005	2093	-90.8	-35.0	-148.5	98.1	96.9	99.8	95.0	96.9	27.8
2006	2297	-76.3	2.2	-78.7	98.0	96.7	99.7	95.1	97.2	30.9
2007	2313	-61.3	5.2	-60.1	98.6	96.8	100.6	95.8	97.3	29.9
2008	2412	-59.8	22.0	-80.6	98.3	96.8	100.8	95.6	97.4	23.5
2009	1907	-50.9	27.7	-64.0	98.4	97.0	101.3	95.9	97.4	21.8
2010	1805	-37.1	38.2	-24.7	98.6	97.2	102.0	96.6	97.5	19.2
2011	1736	-29.4	60.4	-5.7	98.6	96.7	101.6	97.4	97.3	17.1
2012	1818	-18.5	75.8	11.6	98.8	96.7	102.0	97.7	97.4	14.3
2013	2063	-1.4	85.9	18.4	99.3	97.5	102.9	97.6	97.8	16.4
2014	1828	6.0	99.5	50.4	98.7	97.5	103.5	98.2	98.1	14.2
2015	2080	1.7	97.3	48.1	97.7	98.3	103.8	98.0	98.1	13.1
2016	1443	24.9	110.0	80.9	99.1	98.2	104.3	98.7	98.3	10.6
2017	1163	38.8	118.6	101.6	99.7	98.2	104.8	99.1	98.5	8.3
2018	1012	48.8	122.7	109.3	99.8	98.6	104.8	99.6	98.7	2.7
2019	1001	59.2	121.1	139.6	100.3	98.8	104.3	100.2	98.9	0.5
2020	1045	69.0	137.4	158.1	100.1	98.8	105.1	100.6	98.9	1.2
2021	800	88.0	164.5	198.2	100.5	98.7	105.0	100.7	99.0	-7.2
2022	29	120.8	183.9	294.4	101.3	99.1	105.5	99.0	99.2	-14.7

Tabel: 143 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	13	95.2	96.9	98.1	97.2	95.3	97.5	98.2
1981	26	94.3	96.8	97.5	96.6	95.0	96.7	98.2
1982	219	94.4	96.7	97.6	96.7	95.0	96.5	98.0
1983	263	93.7	95.7	97.8	96.5	94.3	96.3	97.1
1984	243	94.0	95.9	97.9	96.9	94.5	96.3	97.2
1985	200	94.3	95.7	98.4	97.5	95.0	96.3	96.8
1986	266	93.5	94.7	98.0	97.1	94.5	96.0	96.5
1987	1534	93.3	93.3	98.8	98.2	93.8	95.1	95.1
1988	1559	93.6	93.4	99.1	98.5	93.8	95.4	95.0
1989	4034	93.6	94.5	99.4	97.5	93.5	95.8	94.4
1990	4487	93.5	94.5	99.2	97.4	93.6	95.8	94.3
1991	4328	92.8	94.1	98.2	96.5	93.5	95.6	95.3
1992	3531	92.5	94.0	97.8	96.4	93.6	95.6	95.4
1993	4849	92.3	94.4	97.2	96.3	93.7	95.7	95.5
1994	4956	93.2	94.8	98.2	96.9	93.7	96.4	95.3
1995	8650	94.0	95.1	99.1	97.4	93.7	97.3	94.9
1996	4910	93.9	94.5	99.1	97.7	93.6	97.5	95.1
1997	4706	92.8	94.0	98.1	97.0	93.4	95.9	95.1
1998	2947	92.8	93.8	98.1	97.3	93.3	96.3	94.9
1999	1996	93.5	94.6	98.5	97.4	93.8	96.7	95.3
2000	1244	93.7	95.0	98.2	97.3	94.2	96.9	95.8
2001	1138	93.8	95.0	98.3	97.3	94.7	97.3	95.8
2002	778	93.9	95.4	98.0	97.4	95.1	97.7	95.9

2003	769	94.5	96.0	98.1	97.8	95.7	97.2	96.6
2004	783	94.5	96.2	98.1	97.6	96.0	96.6	96.8
2005	617	95.2	96.5	98.2	98.2	96.4	97.5	97.3
2006	701	95.2	96.6	98.2	98.2	96.3	97.3	97.4
2007	700	95.4	97.3	98.1	97.9	96.9	97.2	97.8
2008	844	95.2	96.8	98.1	98.1	96.6	96.8	97.7
2009	697	95.1	97.1	97.5	97.8	97.1	96.7	98.2
2010	686	95.5	97.4	97.7	98.0	97.3	97.4	98.7
2011	643	96.0	97.6	97.9	98.4	97.6	97.8	99.0
2012	618	96.5	98.0	98.1	98.5	98.0	98.3	99.2
2013	702	96.7	98.5	98.2	98.2	98.7	98.2	99.2
2014	675	96.8	98.3	98.2	98.2	98.7	98.6	99.6
2015	814	96.3	97.3	97.8	98.3	98.0	99.3	99.7
2016	539	96.7	98.0	97.8	98.3	98.8	99.1	100.1
2017	367	97.3	98.3	98.2	98.6	99.1	99.4	100.5
2018	305	97.9	98.9	98.5	98.9	99.4	99.6	100.8
2019	285	98.4	99.0	98.8	99.5	99.7	99.9	100.9
2020	263	99.2	99.3	99.4	99.9	100.0	100.6	101.4
2021	127	98.6	99.2	99.0	99.3	100.1	100.3	100.9

Tabel: 144 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	400	96.3	97.7	96.3	97.7	97.9	97.6
1981	624	96.8	97.8	96.8	97.8	98.4	98.2
1982	2815	96.2	98.1	96.2	98.1	97.7	98.1
1983	5098	96.6	97.9	96.6	97.9	97.7	98.5
1984	5131	97.1	97.7	97.1	97.7	98.4	98.4
1985	7098	98.2	97.9	98.2	97.9	99.1	99.1
1986	14757	97.9	97.6	97.9	97.6	98.9	98.8
1987	21321	97.3	98.1	97.3	98.1	98.4	99.1
1988	21083	97.2	98.2	97.2	98.2	98.3	99.1
1989	33395	95.9	98.8	95.9	98.8	97.8	99.1
1990	39551	95.8	98.7	95.8	98.7	97.7	98.9
1991	39490	96.2	98.6	96.2	98.6	98.0	98.7
1992	35969	96.4	98.3	96.4	98.3	98.0	98.4
1993	45158	96.5	98.6	96.5	98.6	98.3	98.1
1994	45374	96.8	98.5	96.8	98.5	98.7	98.0
1995	42557	97.2	98.4	97.2	98.4	99.0	98.1
1996	35114	97.6	98.6	97.6	98.6	99.1	98.5
1997	26035	97.7	98.4	97.7	98.4	99.2	98.4
1998	16923	97.6	98.3	97.6	98.3	99.0	98.3
1999	12134	98.2	98.1	98.2	98.1	99.6	98.3
2000	8826	98.4	98.4	98.4	98.4	99.8	98.9
2001	6905	98.5	98.3	98.5	98.3	99.9	98.8
2002	5415	98.1	98.3	98.1	98.3	99.8	98.7
2003	4747	98.1	97.9	98.1	97.9	99.6	98.4
2004	4232	98.2	97.9	98.2	97.9	99.7	98.5
2005	3397	98.3	97.8	98.3	97.8	99.6	98.5
2006	3401	98.6	98.0	98.6	98.0	100.2	98.7
2007	3243	98.9	97.8	98.9	97.8	100.7	98.4
2008	3357	98.9	98.1	98.9	98.1	100.5	98.9
2009	2921	99.0	98.0	99.0	98.0	100.6	98.8
2010	2719	99.0	98.1	99.0	98.1	100.6	98.7
2011	2564	98.9	97.8	98.9	97.8	100.6	98.6
2012	2596	98.8	98.0	98.8	98.0	100.4	98.7
2013	2753	99.1	98.3	99.1	98.3	100.9	98.7
2014	2520	99.2	98.6	99.2	98.6	101.2	99.1
2015	3177	98.6	99.0	98.6	99.0	101.3	99.5

2016	2535	99.0	98.9	99.0	98.9	101.5	99.5
2017	2131	99.3	98.7	99.3	98.7	101.9	99.4
2018	1904	99.3	99.0	99.3	98.9	101.8	99.6
2019	1726	99.3	99.1	99.3	99.1	102.0	99.8
2020	1702	99.0	99.2	99.0	99.2	101.7	99.9
2021	1568	99.0	99.5	99.0	99.5	101.6	100.0
2022	1384	98.9	99.7	98.9	99.7	101.7	100.1
2023	1259	99.0	99.7	99.0	99.7	101.8	100.0
2024	148	99.0	100.0	99.0	100.0	101.8	100.2

Tabel: 145 MRIJ - Holstein Friesian roodbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	464	95.2	104.1	105.3	98.8	100.9	99.9
1981	575	97.3	103.1	103.3	99.1	100.2	98.8
1982	2625	96.6	103.6	103.8	98.7	100.1	98.9
1983	5846	95.6	103.9	104.8	98.6	100.5	99.9
1984	5353	96.5	103.5	103.8	97.6	100.4	100.7
1985	6681	98.7	101.8	101.5	97.5	99.9	100.1
1986	13430	97.9	102.2	102.3	98.0	99.1	99.3
1987	18632	97.2	102.9	103.3	97.7	99.8	101.6
1988	17033	96.9	103.0	103.4	97.3	99.9	101.8
1989	22294	94.0	102.9	106.1	97.8	100.7	101.4
1990	22756	94.0	103.0	106.0	97.5	100.7	101.5
1991	21368	94.5	102.7	105.5	97.8	100.9	101.1
1992	19151	95.4	102.9	104.6	97.6	100.6	100.6
1993	18961	95.7	102.1	104.3	98.0	100.7	100.2
1994	16930	96.1	102.2	104.2	98.7	100.5	100.0
1995	16615	96.2	102.5	104.1	98.3	100.6	100.5
1996	13202	96.6	102.6	103.9	98.9	100.6	100.1
1997	8945	96.2	102.7	104.2	98.0	100.4	100.5
1998	5563	96.4	102.8	103.9	98.3	100.6	100.3
1999	4049	97.2	102.0	103.3	98.2	100.6	100.3
2000	2971	97.1	101.7	103.4	98.8	99.8	99.6
2001	2711	96.9	101.4	103.7	99.0	99.7	99.7
2002	1959	96.4	101.4	104.0	98.9	100.3	100.0
2003	1851	96.4	101.9	103.9	98.0	101.2	100.6
2004	1844	96.3	101.7	104.1	98.2	101.1	100.3
2005	1724	96.2	101.5	104.0	98.0	101.6	100.7
2006	1860	96.9	101.8	103.5	98.0	100.5	100.3
2007	2281	98.0	101.2	102.5	96.6	101.1	102.2
2008	2350	97.5	101.1	103.0	97.4	101.0	101.6
2009	2081	97.4	101.4	103.2	97.7	101.7	101.5
2010	1958	97.1	101.4	103.3	97.7	101.6	101.2
2011	1844	97.0	101.2	103.5	97.7	101.4	100.9
2012	1804	97.0	101.2	103.5	97.9	101.2	100.6
2013	1957	98.8	100.5	101.8	96.2	101.6	102.7
2014	1831	98.4	100.5	102.3	97.6	101.0	101.6
2015	2234	97.9	100.4	102.4	97.0	101.4	101.4
2016	1749	98.5	100.5	102.0	97.2	100.9	101.5
2017	1423	98.4	100.3	102.2	98.3	100.4	100.6
2018	1316	98.8	100.2	102.0	98.8	100.5	100.3
2019	1121	98.7	100.4	102.2	99.6	100.3	99.9
2020	1064	98.1	100.4	102.7	100.2	100.1	99.5
2021	891	98.5	100.3	102.3	100.0	100.6	99.9
2022	825	98.8	100.0	102.1	100.0	100.2	100.0
2023	630	99.9	99.3	101.0	100.2	100.0	99.8
2024	110	99.8	99.3	101.1	100.2	100.0	99.9

Tabel: 146 MRIJ - Holstein Friesian roodbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	527	100.9	97.9	100.2	100.0	99.1	99.2	101.7	98.9	101.3	98.7	101.1
1981	776	100.9	98.6	99.3	99.9	99.8	98.9	101.5	99.0	101.7	98.4	100.8
1982	3048	101.1	98.2	99.4	99.8	99.6	98.7	101.7	99.3	101.2	98.7	100.4
1983	5637	101.7	98.5	99.7	99.9	100.7	98.3	102.2	99.1	101.9	98.4	101.2
1984	5286	101.8	99.0	99.5	99.9	101.0	98.0	102.3	99.1	102.1	98.3	101.2
1985	7096	101.5	99.2	98.4	99.8	100.6	97.2	102.3	99.0	101.6	97.5	100.8
1986	14101	101.5	98.4	98.8	99.6	100.3	97.2	102.4	99.1	101.2	97.7	100.5
1987	19911	103.1	99.4	98.3	100.8	102.5	96.8	104.0	98.3	102.8	97.1	102.7
1988	19377	103.1	99.9	98.3	100.9	102.8	97.1	103.8	98.3	103.1	97.4	102.5
1989	29755	102.8	100.2	99.1	100.7	102.7	97.6	103.4	98.5	103.2	97.6	103.0
1990	34379	102.7	100.0	99.6	100.6	102.4	97.7	103.1	98.8	103.0	97.6	102.8
1991	33187	102.2	98.6	99.2	100.2	101.2	97.7	102.9	98.9	101.9	97.4	102.2
1992	33578	101.9	98.3	99.3	100.0	100.9	97.7	102.6	99.0	101.4	97.6	101.7
1993	37891	101.9	97.6	99.9	100.0	100.6	97.4	102.6	99.3	100.6	97.7	101.7
1994	34020	101.6	97.1	100.3	100.3	99.6	98.1	102.4	99.7	99.8	98.0	102.1
1995	31609	101.2	96.2	100.5	100.0	98.3	98.5	101.9	100.3	98.8	97.9	101.9
1996	29322	100.4	95.9	100.7	100.1	97.2	99.5	101.0	100.5	98.6	98.3	101.7
1997	24164	99.7	95.3	100.9	99.5	96.7	99.3	100.5	100.2	98.1	98.2	100.7
1998	14091	99.5	94.8	100.9	99.5	96.5	99.2	100.4	100.1	97.8	98.1	100.6
1999	11390	99.3	94.8	100.8	99.4	96.4	99.2	100.1	100.2	97.5	98.2	100.2
2000	7115	99.4	94.8	100.6	99.9	96.2	99.5	100.1	100.7	97.3	98.7	99.9
2001	5829	99.0	94.4	101.5	99.3	96.2	99.8	99.7	100.3	97.0	99.2	99.4
2002	5216	99.4	95.0	101.4	99.8	96.5	99.8	100.1	100.6	97.4	99.1	99.8
2003	4500	98.8	94.7	100.9	99.9	95.7	100.0	99.3	100.9	96.9	98.8	99.7
2004	3943	98.8	94.3	101.0	99.6	95.8	99.8	99.3	100.9	96.7	98.7	99.5
2005	3181	98.9	94.3	100.9	100.0	95.4	99.8	99.5	101.0	96.3	98.9	99.6
2006	3131	98.3	93.3	102.0	99.0	95.0	100.4	98.9	101.2	95.6	99.7	98.4
2007	2730	97.8	93.3	101.6	98.3	95.1	100.4	98.2	100.8	95.9	99.1	98.1
2008	2625	97.9	93.1	101.3	98.8	94.8	100.2	98.7	100.7	95.5	98.9	98.4
2009	2283	97.8	93.0	101.8	99.1	94.3	100.8	98.5	101.0	95.3	99.6	98.2
2010	1944	97.4	92.5	101.6	98.7	93.9	100.5	98.3	100.5	94.9	99.3	98.1
2011	1508	96.9	92.1	101.6	98.4	93.4	100.7	98.0	100.3	94.5	99.1	98.0
2012	1023	96.8	92.2	101.3	98.8	93.3	100.9	98.0	99.9	94.4	99.3	98.1
2013	968	96.6	91.6	101.3	98.3	93.1	100.9	98.1	99.4	94.0	98.9	97.8
2014	771	96.4	91.2	101.5	98.1	92.8	100.9	97.8	99.5	93.6	99.1	97.7
2015	852	95.8	91.1	101.3	98.2	92.2	101.5	97.2	99.7	93.4	99.5	97.3
2016	547	96.2	91.0	101.6	98.1	92.7	100.9	97.8	99.5	93.5	99.1	97.4
2017	404	96.4	91.4	101.1	98.2	92.9	100.5	98.2	99.1	93.6	99.0	97.6
2018	325	96.8	91.9	101.0	98.7	93.1	100.6	98.2	99.7	93.8	99.2	97.9
2019	330	97.1	92.7	101.1	99.2	93.7	100.7	98.5	99.8	94.3	99.4	98.4
2020	294	97.2	92.3	101.2	99.1	93.6	100.6	98.6	99.8	94.1	99.5	98.2
2021	164	96.9	91.8	101.4	98.9	93.2	100.9	98.5	99.5	93.7	99.6	98.2

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	394	98.4	97.9	100.6
1981	621	99.4	98.7	101.4
1982	2807	98.4	97.8	101.3
1983	5088	98.4	97.9	101.2
1984	5093	98.1	97.5	101.2

1985	7006	98.5	97.6	102.0
1986	14574	98.5	97.8	101.8
1987	20946	98.2	97.3	101.4
1988	20636	98.1	97.3	101.5
1989	32526	97.3	97.1	101.3
1990	38061	96.9	96.9	101.1
1991	36715	97.0	96.8	101.2
1992	32521	96.9	96.7	101.2
1993	44664	96.6	96.5	101.1
1994	48394	96.9	96.9	101.2
1995	46481	97.4	97.2	101.3
1996	39174	97.6	97.4	101.0
1997	29830	97.9	97.6	100.9
1998	20010	97.7	97.5	100.9
1999	14404	98.0	97.7	101.3
2000	10232	97.7	97.7	101.3
2001	7812	97.8	97.7	101.1
2002	6227	98.3	98.1	101.2
2003	5508	98.3	98.2	100.9
2004	4791	98.3	98.1	100.8
2005	3826	98.3	98.1	100.9
2006	3786	98.4	98.2	101.0
2007	3585	99.1	98.7	101.6
2008	3699	98.8	98.4	101.4
2009	3219	98.5	98.2	100.9
2010	2971	98.8	98.5	100.9
2011	2783	98.9	98.7	100.7
2012	2754	98.9	98.8	100.6
2013	2860	99.0	98.8	100.8
2014	2578	99.0	98.7	100.8
2015	3304	99.4	99.1	100.6
2016	2667	99.5	99.2	100.8
2017	2274	99.7	99.5	101.0
2018	2019	99.7	99.5	100.9
2019	1803	100.1	99.8	101.0
2020	1818	100.2	100.0	101.1
2021	1767	100.3	100.1	101.1
2022	1729	100.3	100.0	101.1
2023	1540	100.1	99.8	101.0
2024	162	100.2	100.0	101.1

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	4282	-2271.8	-9074.9	-377.6	-329.6
2002	2993	-1970.3	-7973.8	-323.3	-287.6
2003	2734	-1838.1	-7500.0	-301.7	-268.1
2004	2481	-1557.2	-6450.6	-251.2	-229.1
2005	2105	-1556.8	-6399.0	-256.2	-226.6
2006	2307	-1013.0	-4225.0	-166.3	-147.5
2007	2319	-892.1	-3821.5	-141.0	-132.4
2008	2414	-953.8	-4084.4	-152.3	-140.7
2009	1910	-823.2	-3592.9	-131.7	-121.1
2010	1822	-539.0	-2367.4	-85.1	-79.9
2011	1769	-335.6	-1606.5	-49.3	-51.1
2012	1838	-156.8	-884.9	-17.4	-26.3
2013	2090	-88.9	-691.7	-10.7	-13.9
2014	1854	178.5	437.4	34.8	24.2
2015	2110	186.9	555.9	40.5	22.9

2016	1495	464.0	1581.9	84.6	64.5
2017	1193	654.9	2308.8	117.9	91.6
2018	1037	715.7	2533.7	131.3	98.7
2019	1021	924.1	3294.7	169.0	127.7
2020	1063	1095.8	3987.4	202.4	150.2
2021	830	1476.6	5391.0	268.4	204.5
2022	34	2203.8	8134.9	398.1	306.1

Tabel: 149 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	74	93.9	94.1	99.3	90.4
1981	92	93.5	97.1	98.6	91.5
1982	422	93.2	96.1	99.3	91.4
1983	596	94.3	93.7	98.8	90.4
1984	464	93.8	94.9	99.1	91.0
1985	742	94.0	95.8	98.4	91.2
1986	1232	93.9	94.6	98.8	90.5
1987	2112	94.5	92.2	98.8	89.7
1988	1764	94.6	91.9	98.6	89.4
1989	2493	94.7	87.3	97.8	86.1
1990	2236	94.7	86.7	97.7	85.6
1991	1985	95.1	88.6	98.1	87.4
1992	1730	94.9	89.7	98.5	88.2
1993	1978	95.1	90.0	98.2	88.5
1994	1683	95.1	88.5	98.3	87.6
1995	1780	95.6	87.6	98.1	87.3
1996	1475	95.8	88.3	98.0	87.8
1997	1051	95.5	88.9	98.4	88.0
1998	648	95.5	89.4	97.9	88.0
1999	467	95.6	89.6	98.0	88.1
2000	301	95.0	89.9	98.1	88.0
2001	326	95.5	90.8	97.5	88.3
2002	234	96.0	91.4	97.6	89.2
2003	227	96.2	92.4	97.5	89.9
2004	253	96.5	92.5	97.6	90.4
2005	218	96.6	93.0	97.3	90.3
2006	270	97.3	93.3	97.2	91.1
2007	295	97.5	93.1	97.8	91.7
2008	306	97.4	92.7	97.7	91.2
2009	310	97.2	92.9	97.4	90.9
2010	345	97.2	93.4	97.6	91.4
2011	380	97.2	94.7	97.3	91.9
2012	333	97.7	95.5	97.3	92.9
2013	398	98.3	96.3	97.7	94.4
2014	397	98.6	97.5	97.4	94.9
2015	560	100.1	98.2	97.5	96.5
2016	366	99.5	99.9	97.4	97.3
2017	291	99.8	101.4	97.0	98.3
2018	253	99.8	102.2	97.2	98.9
2019	274	99.9	104.2	97.2	100.3
2020	290	101.1	105.1	97.1	101.8
2021	232	101.1	105.7	97.7	102.7
2022	10	100.3	106.6	96.2	101.4

Tabel: 150 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	627	93.7	99.2	0	0.0	0.0	0	0.0
1981	806	93.0	99.1	0	0.0	0.0	0	0.0
1982	3993	93.4	99.2	0	0.0	0.0	0	0.0
1983	7260	93.9	99.4	0	0.0	0.0	0	0.0
1984	7642	94.0	99.4	0	0.0	0.0	0	0.0
1985	11073	93.2	99.3	8939	-4.1	127.7	0	0.0
1986	22115	93.4	99.3	16007	-3.9	118.3	0	0.0
1987	32021	93.1	99.2	21690	-3.6	100.4	0	0.0
1988	34043	93.5	99.1	19313	-3.5	90.4	0	0.0
1989	50347	94.3	99.0	27371	-3.0	74.8	0	0.0
1990	50973	94.5	99.0	27448	-3.0	73.7	0	0.0
1991	41788	93.9	98.8	22642	-2.9	74.4	0	0.0
1992	36150	93.9	98.8	19702	-2.8	72.3	0	0.0
1993	38900	94.2	99.0	20621	-2.5	66.8	0	0.0
1994	33535	94.0	99.1	16950	-2.1	59.2	0	0.0
1995	30688	93.5	98.6	15396	-1.9	59.2	0	0.0
1996	23481	93.3	98.6	11383	-1.7	54.8	0	0.0
1997	16358	94.0	98.4	7335	-1.5	55.3	0	0.0
1998	10205	94.1	98.6	3895	-1.5	53.3	0	0.0
1999	6946	94.0	98.6	2709	-1.4	52.3	0	0.0
2000	4920	94.3	98.5	1706	-1.3	50.2	0	0.0
2001	4281	95.0	98.5	1490	-1.1	46.9	1478	94.5
2002	2996	94.8	98.5	1009	-1.0	43.3	1000	94.9
2003	2733	95.0	98.6	961	-0.7	34.5	956	95.8
2004	2474	95.2	98.8	913	-0.5	32.2	906	96.0
2005	2093	94.9	98.6	728	-0.5	27.8	720	96.5
2006	2297	95.8	98.8	767	-0.3	30.9	757	95.9
2007	2313	95.7	99.0	795	-0.3	29.9	788	96.0
2008	2412	95.7	98.8	905	-0.1	23.5	894	96.8
2009	1907	96.0	99.0	765	-0.1	21.8	758	96.9
2010	1805	95.8	99.0	748	0.1	19.2	739	97.1
2011	1736	96.3	99.0	724	0.2	17.1	711	97.3
2012	1818	96.3	99.3	669	0.3	14.3	658	97.6
2013	2063	96.2	99.3	745	0.4	16.4	716	97.2
2014	1828	96.6	99.2	711	0.6	14.2	692	97.4
2015	2080	96.9	98.9	859	0.5	13.1	843	97.4
2016	1443	96.9	99.2	551	0.6	10.6	546	97.7
2017	1163	96.9	99.4	424	0.7	8.3	406	97.9
2018	1012	97.0	99.4	352	0.8	2.7	327	98.6
2019	1001	97.2	99.5	343	0.8	0.5	336	99.1
2020	1045	97.7	99.6	311	0.9	1.2	298	98.6
2021	800	98.0	99.5	180	1.2	-7.2	168	98.9
2022	29	97.9	100.1	18	1.1	-14.7	2	100.5
2023	0	0.0	0.0	29	1.2	-25.1	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	141	99.5	0	0.0	0	0.0	141	93.7
1981	188	99.6	2	98.5	2	96.0	188	94.2
1982	775	99.7	1	100.0	1	93.0	775	94.8
1983	1234	99.5	0	0.0	0	0.0	1234	93.4
1984	1139	99.4	0	0.0	0	0.0	1139	92.7
1985	1586	99.3	1	106.0	1	93.0	1586	92.5



1986	2946	99.3	1	100.0	1	98.0	2946	92.8
1987	4332	99.5	4	97.2	4	97.5	4332	93.5
1988	3851	99.6	0	0.0	0	0.0	3851	94.0
1989	5377	99.5	1	98.0	1	95.0	5377	93.4
1990	5567	99.4	10	97.5	10	96.4	5567	93.1
1991	5019	99.1	125	97.2	125	97.9	5019	92.5
1992	4457	99.1	115	96.8	115	98.1	4457	92.4
1993	4747	99.1	89	97.2	89	98.2	4747	92.4
1994	4337	98.8	206	99.9	190	95.7	4337	92.1
1995	4347	99.4	390	103.2	378	95.7	4347	92.0
1996	3673	99.4	257	103.0	237	95.7	3673	92.0
1997	2855	98.9	226	100.6	208	96.2	2855	91.7
1998	1898	99.0	124	100.8	108	96.4	1898	91.6
1999	1453	99.3	97	102.0	84	96.9	1453	91.9
2000	1059	99.3	54	101.6	49	97.3	1059	92.5
2001	1109	99.5	45	101.8	44	98.3	1109	92.8
2002	871	99.4	28	102.0	26	96.7	871	92.6
2003	894	99.2	30	101.1	28	97.4	894	93.1
2004	988	99.0	43	99.3	41	97.3	988	93.0
2005	947	99.0	36	99.7	35	97.2	947	93.6
2006	1194	99.0	55	99.3	49	96.9	1194	93.7
2007	1313	99.1	48	100.0	47	97.5	1313	94.0
2008	1565	99.3	52	100.8	53	97.6	1565	94.4
2009	1448	99.4	35	100.5	34	98.4	1448	94.8
2010	1607	99.5	46	100.6	49	97.3	1607	94.6
2011	1577	99.5	36	100.8	48	98.6	1577	94.9
2012	1621	99.4	35	101.1	39	97.6	1621	95.4
2013	1843	99.7	51	101.5	52	98.0	1843	96.1
2014	1645	99.6	33	100.7	36	97.7	1645	96.1
2015	1877	99.9	66	101.1	61	97.0	1877	96.6
2016	1312	99.9	41	101.4	36	97.2	1312	96.9
2017	1036	99.8	32	100.4	30	98.0	1036	96.8
2018	906	100.0	11	100.9	18	97.7	906	97.4
2019	890	100.0	6	101.7	18	97.8	890	97.7
2020	934	100.0	12	100.8	21	98.3	934	97.8
2021	716	99.9	1	100.0	5	96.4	716	98.0
2022	27	100.0	0	0.0	0	0.0	27	98.3

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	52	102.0	100.9	102.3	101.5	99.6	101.2
1981	52	102.6	101.7	102.9	101.7	100.0	101.9
1982	258	102.7	102.0	102.9	102.0	99.7	101.7
1983	323	101.6	100.7	101.8	101.3	99.1	100.8
1984	207	101.1	100.6	101.4	100.5	99.1	100.7
1985	88	100.9	100.3	100.9	100.6	99.0	100.3
1986	58	100.2	99.5	100.3	100.0	98.9	100.2
1987	143	99.3	98.5	99.1	99.1	99.2	99.9
1988	189	100.1	99.2	99.9	99.6	99.7	100.4
1989	888	100.7	99.5	100.9	100.9	99.2	99.9
1990	767	100.7	99.5	100.8	100.8	99.1	99.9
1991	802	100.9	99.9	100.8	100.9	99.3	100.2
1992	514	100.7	100.1	100.6	100.7	99.2	100.0
1993	790	100.8	100.2	100.7	100.3	100.4	100.7
1994	944	101.0	100.7	101.0	100.0	100.2	101.2
1995	944	100.1	99.8	100.4	99.2	99.5	100.1
1996	813	99.0	98.7	99.2	98.6	98.6	99.1
1997	605	99.3	99.0	99.2	99.0	99.0	99.3

1998	351	99.4	98.8	99.5	99.1	98.8	99.4
1999	265	99.6	99.1	99.9	99.4	98.9	99.6
2000	178	100.1	99.6	100.1	99.8	98.8	100.0
2001	183	100.7	100.2	100.6	100.0	99.5	100.8
2002	126	100.6	100.0	100.5	100.1	99.6	100.3
2003	118	99.9	99.8	99.5	99.4	99.3	99.9
2004	138	100.4	100.5	99.7	99.8	99.7	100.8
2005	117	100.6	100.7	99.9	99.9	99.9	100.9
2006	170	101.3	101.3	100.6	100.6	100.3	101.3
2007	168	101.5	101.5	100.6	100.9	100.0	101.3
2008	186	102.0	101.9	101.1	101.3	100.3	101.7
2009	163	101.6	101.4	100.9	100.9	100.0	101.7
2010	147	101.3	101.0	100.5	100.9	99.9	101.5
2011	147	101.2	100.9	100.3	100.8	100.1	101.3
2012	180	100.3	99.8	99.5	99.9	99.6	100.6
2013	173	101.1	100.6	100.4	100.8	99.7	100.9
2014	147	101.1	100.4	100.5	100.9	99.8	101.0
2015	197	101.6	101.0	101.0	101.3	100.1	101.0
2016	128	101.4	101.0	100.6	101.1	99.7	100.8
2017	110	101.5	101.0	100.9	101.4	99.7	100.8
2018	74	100.9	100.5	100.3	100.6	99.6	100.5
2019	73	100.1	99.7	99.5	100.0	99.6	99.8
2020	62	100.4	99.5	99.9	100.1	100.0	100.5
2021	38	100.4	99.6	100.2	100.0	100.4	101.0

Tabel: 153 Jersey: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	92	-3463.3	-72.0	-101.7	-156.8	178.6	49.1	1.9	-615.4
1981	111	-3874.9	-84.3	-114.3	-175.7	211.9	59.4	1.9	-698.4
1982	134	-3933.9	-80.4	-114.8	-178.3	228.1	63.5	2.0	-693.1
1983	143	-3779.5	-80.3	-111.5	-171.3	206.7	56.6	1.8	-677.3
1984	225	-3956.4	-82.0	-117.0	-179.4	229.7	60.7	1.9	-706.0
1985	229	-4060.7	-86.7	-120.7	-184.2	235.5	62.4	1.9	-732.1
1986	306	-3863.0	-84.8	-115.4	-175.1	211.6	56.3	1.8	-703.9
1987	385	-3927.1	-85.7	-116.5	-178.0	218.5	60.2	1.9	-710.9
1988	433	-3938.9	-86.0	-116.9	-178.6	219.1	60.1	1.9	-713.5
1989	314	-3799.1	-83.8	-112.8	-172.2	204.3	56.3	1.9	-690.2
1990	461	-3833.8	-85.1	-114.2	-173.8	204.0	55.9	1.9	-699.1
1991	231	-3658.1	-80.8	-110.1	-165.8	191.9	49.6	1.7	-670.8
1992	321	-3512.8	-81.8	-105.2	-159.1	169.7	47.4	1.8	-651.0
1993	244	-3286.3	-76.5	-98.8	-148.8	151.1	41.4	1.8	-610.4
1994	265	-3172.3	-72.4	-94.2	-143.6	146.7	41.7	1.7	-581.2
1995	261	-3216.8	-73.1	-95.6	-145.6	148.6	41.8	1.7	-589.1
1996	269	-3241.4	-74.3	-95.8	-146.7	150.5	44.0	1.8	-592.8
1997	316	-3226.7	-73.8	-95.5	-146.1	148.0	42.9	1.7	-590.2
1998	289	-3120.2	-71.9	-92.3	-141.2	138.6	40.3	1.7	-572.0
1999	385	-3044.1	-64.2	-88.0	-137.7	144.0	42.6	1.7	-537.1
2000	342	-2949.3	-61.0	-85.2	-133.5	139.7	40.8	1.6	-517.6
2001	316	-2854.9	-58.8	-80.9	-126.3	131.7	41.2	7.3	-493.1
2002	391	-2812.8	-59.2	-79.5	-125.1	126.6	41.0	5.9	-487.8
2003	439	-2821.2	-56.9	-79.5	-126.4	131.2	41.2	4.1	-483.4
2004	517	-2613.5	-51.0	-72.5	-117.4	119.8	38.7	3.1	-439.7
2005	591	-2659.6	-50.9	-73.0	-119.5	124.7	41.2	2.9	-442.0
2006	743	-2621.8	-45.8	-71.4	-118.1	129.9	41.3	2.4	-424.1
2007	825	-2614.1	-45.3	-69.8	-118.0	129.7	43.7	1.8	-416.7
2008	924	-2614.0	-46.5	-71.0	-118.0	127.1	41.3	1.9	-424.4
2009	1124	-2598.4	-45.0	-69.7	-117.6	128.2	42.5	1.3	-415.7
2010	1171	-2517.8	-42.5	-66.7	-113.9	124.4	42.2	1.3	-396.9

2011	1380	-2517.6	-40.7	-66.4	-114.1	127.6	42.7	1.0	-391.8
2012	1349	-2602.3	-38.3	-66.1	-118.3	140.8	49.5	0.3	-387.0
2013	2090	-2641.3	-37.8	-67.0	-121.4	145.9	50.8	-2.1	-390.6
2014	1734	-2613.3	-35.5	-65.7	-120.2	147.0	51.1	-2.2	-379.9
2015	1605	-2522.1	-31.9	-60.2	-116.6	143.8	54.1	-3.1	-348.7
2016	1664	-2491.3	-28.7	-59.7	-115.3	146.1	52.8	-3.3	-339.7
2017	1774	-2503.1	-29.7	-58.9	-116.4	146.1	55.3	-4.2	-339.0
2018	1944	-2499.1	-25.7	-57.6	-117.4	153.1	57.3	-6.4	-325.6
2019	2062	-2431.0	-24.9	-55.5	-115.3	147.3	56.2	-8.0	-314.4
2020	2097	-2414.9	-21.6	-53.9	-116.2	151.3	57.7	-10.8	-301.3
2021	1616	-2404.0	-22.0	-53.1	-116.3	149.8	58.4	-11.8	-298.7
2022	121	-2281.2	-17.8	-49.1	-112.0	144.5	56.5	-13.8	-272.5

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

Tabel: 154 Jersey: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	30	69.2	79.6	83.1	88.0	89.8	96.2	78.1
1981	22	68.8	79.9	82.5	87.6	90.3	95.9	77.8
1982	46	67.6	79.3	82.1	87.6	90.2	95.4	76.5
1983	39	68.4	79.9	82.1	87.6	91.5	94.6	76.4
1984	55	67.7	79.5	81.7	87.6	90.9	94.5	75.9
1985	22	69.4	80.2	82.8	87.7	91.4	94.5	78.5
1986	27	69.5	79.2	82.8	88.0	90.7	93.7	78.0
1987	26	69.3	78.5	83.0	88.4	90.1	95.5	77.9
1988	30	70.4	77.8	83.6	89.0	89.2	95.6	78.6
1989	24	71.8	78.4	84.2	89.2	89.6	94.8	79.7
1990	27	71.2	78.6	84.2	89.2	89.6	94.9	79.2
1991	24	72.0	78.8	84.0	88.8	90.3	94.9	78.4
1992	30	72.2	78.3	84.3	89.1	89.6	95.3	79.0
1993	29	71.2	78.4	84.2	89.1	89.8	96.0	78.7
1994	31	71.2	78.0	84.0	89.0	89.7	95.7	78.5
1995	29	71.6	78.6	84.2	88.7	90.3	95.3	78.9
1996	22	70.4	78.8	84.0	89.2	90.4	95.0	78.5
1997	22	71.2	78.0	84.2	89.2	89.5	95.1	78.5
1998	28	71.8	79.0	84.7	89.5	90.0	95.6	79.5
1999	46	71.7	79.0	85.3	90.6	89.3	97.7	79.3
2000	35	71.1	79.0	84.7	89.7	89.8	97.1	79.2
2001	29	72.1	78.9	85.1	90.1	89.6	96.7	79.1
2002	50	71.5	78.7	85.0	89.9	89.2	96.4	79.9
2003	52	71.4	79.7	85.5	90.1	89.6	96.4	80.1
2004	48	72.6	79.1	85.7	90.6	89.4	96.5	80.2
2005	66	71.0	78.4	84.8	89.7	89.2	96.3	79.1
2006	63	71.5	78.0	84.7	89.6	89.1	96.0	79.3
2007	63	71.8	79.3	85.7	90.5	89.6	96.8	80.2
2008	84	72.0	79.8	85.8	90.3	89.8	96.7	80.4
2009	67	72.6	79.7	86.4	91.2	89.4	96.8	80.9
2010	106	72.0	79.2	86.0	90.8	89.2	97.1	80.1
2011	88	71.7	79.0	85.7	90.6	89.1	97.4	80.4
2012	102	71.9	79.1	86.3	91.1	88.8	97.4	79.8
2013	113	72.0	79.9	86.4	90.9	89.4	97.6	80.7
2014	95	71.1	79.8	86.0	90.6	89.3	97.8	80.6
2015	84	71.8	80.0	86.8	91.4	89.2	97.5	81.0
2016	80	71.0	80.1	86.2	90.8	89.3	97.5	80.9
2017	104	71.2	80.0	86.5	91.1	89.2	97.9	80.9
2018	100	72.5	80.1	86.7	91.6	89.0	97.8	81.4
2019	99	72.1	80.2	87.0	91.6	89.1	97.3	81.7
2020	83	72.6	80.1	87.2	92.0	88.9	97.5	81.6
2021	50	73.5	80.1	87.6	92.4	89.2	98.1	81.7

Tabel: 155 Jersey: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	30	99.3	107.4	91.6	93.8	101.4
1981	22	99.1	107.4	91.8	94.1	101.3
1982	46	99.7	107.2	91.8	94.5	101.9
1983	39	100.6	107.3	91.9	95.3	103.1
1984	55	100.0	108.3	90.7	94.5	102.3
1985	22	99.7	107.3	91.5	94.0	101.7
1986	27	100.8	107.8	90.6	93.9	103.5
1987	26	101.2	107.6	91.0	94.1	103.8
1988	30	101.3	107.9	90.0	93.2	103.9
1989	24	101.5	107.7	90.2	93.2	104.2
1990	27	101.6	107.5	90.4	93.4	104.1
1991	24	101.2	107.5	90.2	92.9	103.4
1992	30	102.8	107.2	91.0	93.4	105.4
1993	29	103.4	107.3	90.7	93.9	106.4
1994	31	103.0	107.0	91.2	93.8	105.9
1995	29	102.3	106.7	91.1	93.3	104.9
1996	22	101.3	106.7	91.2	93.3	103.6
1997	22	103.1	107.4	90.4	93.2	105.9
1998	28	101.9	106.5	91.4	93.9	104.6
1999	46	103.9	106.9	90.8	93.8	107.0
2000	35	103.3	106.9	90.3	93.5	106.4
2001	29	103.6	107.0	91.0	94.1	106.6
2002	50	102.6	107.3	90.7	93.7	105.2
2003	52	102.2	107.7	90.4	93.8	104.9
2004	48	103.4	107.0	90.9	93.9	106.4
2005	66	103.6	107.5	90.1	93.7	106.1
2006	63	103.8	107.5	90.1	93.6	106.5
2007	63	103.3	107.3	90.7	93.9	106.4
2008	84	103.3	107.3	90.7	94.0	106.2
2009	67	103.6	107.8	90.3	93.8	106.5
2010	106	103.8	107.4	90.4	93.6	106.7
2011	88	103.7	106.9	90.6	93.4	106.6
2012	102	103.7	107.8	90.0	93.4	106.8
2013	113	102.9	107.6	90.0	93.2	105.9
2014	95	102.8	107.4	90.2	93.3	105.8
2015	84	103.7	108.2	89.8	93.5	106.7
2016	80	103.2	107.6	90.1	93.4	106.1
2017	104	103.1	108.0	89.8	93.3	106.1
2018	100	103.1	107.7	90.1	93.4	106.0
2019	99	103.3	107.6	90.2	93.5	106.2
2020	83	103.4	107.7	90.2	93.5	106.3
2021	50	103.9	107.6	90.2	93.6	107.0

Tabel: 156 Jersey: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1980	30	88.6	90.0	103.7	87.1	91.0	93.0	91.8	93.4
1981	22	89.5	90.5	103.2	88.0	91.5	93.6	92.3	93.6
1982	46	88.2	89.7	102.8	87.1	90.7	93.2	91.8	93.0
1983	39	87.9	88.8	103.5	86.6	90.7	92.9	91.3	93.0

1984	55	88.7	89.1	103.7	87.3	90.9	92.8	91.5	93.1
1985	22	88.5	90.8	102.6	86.9	90.8	92.9	92.1	92.9
1986	27	89.5	90.7	104.3	87.1	92.1	93.2	91.9	93.7
1987	26	88.8	91.9	103.4	86.4	92.2	94.5	93.3	93.5
1988	30	89.7	91.8	104.4	86.8	93.2	94.1	92.9	94.2
1989	24	88.8	91.3	104.0	86.0	92.9	94.1	92.5	93.9
1990	27	88.3	91.3	104.6	85.2	92.7	94.3	92.8	93.8
1991	24	90.2	91.5	104.6	87.0	93.5	94.4	92.9	94.0
1992	30	89.7	93.2	104.3	86.2	93.7	95.4	94.2	94.4
1993	29	89.6	93.4	105.1	85.8	93.8	95.5	94.5	94.8
1994	31	90.0	93.5	105.0	86.3	94.2	95.6	94.3	94.8
1995	29	89.7	93.2	104.5	86.1	93.6	95.0	93.8	94.3
1996	22	90.0	91.7	104.0	86.5	93.5	94.2	92.5	94.0
1997	22	90.5	93.1	104.2	86.5	94.5	95.2	93.6	94.4
1998	28	90.1	93.6	105.4	86.0	94.4	95.6	94.4	95.2
1999	46	90.6	94.5	104.5	86.8	94.6	96.3	95.5	95.3
2000	35	90.0	94.4	104.4	86.4	94.0	95.9	95.2	95.0
2001	29	90.2	94.7	104.9	86.6	94.5	96.3	95.5	95.5
2002	50	90.0	94.0	105.0	86.2	94.1	95.7	94.9	95.1
2003	52	91.0	94.2	103.8	87.6	94.3	95.3	94.7	94.4
2004	48	91.1	94.0	105.4	86.8	95.2	96.0	94.8	95.1
2005	66	91.5	93.7	104.7	87.5	95.2	95.7	94.7	94.7
2006	63	92.0	94.1	104.8	87.8	95.7	96.2	95.0	95.0
2007	63	91.8	94.6	105.0	87.4	95.3	95.7	95.1	95.2
2008	84	92.0	94.5	105.4	87.7	95.4	95.9	95.1	95.4
2009	67	92.4	94.6	105.4	88.0	95.6	95.8	95.1	95.4
2010	106	92.8	94.6	104.7	88.5	95.9	96.2	95.2	95.0
2011	88	92.6	94.7	104.3	88.4	96.1	96.5	95.4	94.9
2012	102	93.1	94.8	104.3	88.7	96.2	96.3	95.4	94.8
2013	113	93.0	94.8	104.5	89.0	95.9	96.2	95.4	94.9
2014	95	93.4	95.0	104.1	89.4	96.2	96.3	95.5	95.1
2015	84	93.6	95.4	104.1	89.2	96.1	96.0	95.4	94.6
2016	80	93.2	95.1	104.4	89.0	96.3	96.5	95.8	95.1
2017	104	94.0	96.0	103.8	89.9	96.3	96.5	96.2	95.0
2018	100	94.3	96.1	104.0	90.2	96.8	96.8	96.2	95.2
2019	99	94.3	96.5	103.3	90.5	96.8	96.9	96.6	95.1
2020	83	94.3	96.3	104.0	90.2	96.9	97.4	96.7	95.3
2021	50	94.6	97.2	103.5	90.4	96.9	97.8	97.5	95.1

Tabel: 157 Jersey: Exterieurkenmerken bovenbalk  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	30	71.4	75.0	87.2	98.5	0.0	80.2
1981	22	70.5	75.1	88.2	98.3	0.0	80.3
1982	46	69.7	74.6	87.0	99.2	0.0	79.7
1983	39	69.5	75.6	86.7	100.2	0.0	80.3
1984	55	68.9	74.9	87.1	99.0	0.0	79.5
1985	22	71.0	75.8	87.1	98.9	0.0	80.3
1986	27	70.2	75.4	88.2	100.1	0.0	81.1
1987	26	70.6	75.4	88.2	100.7	0.0	81.6
1988	30	71.1	75.4	89.0	100.5	0.0	82.1
1989	24	71.8	75.9	88.2	100.8	0.0	82.2
1990	27	71.9	75.9	88.1	101.0	0.0	82.1
1991	24	72.0	75.7	89.6	100.3	0.0	82.7
1992	30	72.0	75.9	89.4	102.5	0.0	83.6
1993	29	72.1	75.8	89.2	103.2	0.0	84.1
1994	31	71.5	75.6	89.8	103.0	0.0	84.0
1995	29	72.1	75.9	89.3	102.1	0.0	83.4
1996	22	71.3	76.1	89.4	100.9	0.0	82.7

1997	22	71.6	75.6	90.2	102.8	0.0	84.1
1998	28	72.7	76.3	89.7	102.0	0.0	83.8
1999	46	73.2	76.5	90.3	103.9	0.0	85.5
2000	35	72.8	76.3	89.6	103.3	0.0	84.5
2001	29	72.9	76.4	90.1	103.6	0.0	85.0
2002	50	72.7	76.2	89.6	102.2	0.0	83.9
2003	52	73.1	76.6	90.5	101.7	0.0	84.2
2004	48	73.5	76.9	90.9	103.4	0.0	85.5
2005	66	72.1	76.0	91.0	102.9	0.0	84.8
2006	63	72.0	75.8	91.7	103.3	0.0	85.3
2007	63	73.2	76.9	91.2	103.3	0.0	85.6
2008	84	73.6	77.0	91.5	103.1	0.0	85.8
2009	67	74.0	77.4	91.8	103.2	0.0	86.2
2010	106	73.5	76.9	92.3	103.5	0.0	86.3
2011	88	73.5	76.7	92.4	103.6	0.0	86.5
2012	102	73.4	76.8	92.7	103.4	0.0	86.5
2013	113	74.3	77.1	92.4	102.5	0.0	86.2
2014	95	73.9	76.9	92.9	102.5	0.0	86.3
2015	84	74.3	77.5	92.8	103.1	0.0	86.8
2016	80	74.0	77.1	92.7	102.8	0.0	86.3
2017	104	74.1	77.3	93.3	102.5	0.0	86.6
2018	100	74.6	77.5	93.8	102.6	0.0	87.1
2019	99	74.5	77.8	93.8	102.9	0.0	87.3
2020	83	74.6	78.0	93.9	103.0	0.0	87.4
2021	50	75.0	78.5	94.0	103.6	0.0	88.0

Tabel: 158 Jersey: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	132	103.3	103.4	100.6	102.1	101.5	96.5	77.3	102.2	100.8
1981	190	103.3	103.5	100.5	102.3	101.5	96.3	77.2	102.2	100.6
1982	254	103.2	103.8	100.7	102.5	101.5	95.8	76.0	102.4	100.7
1983	256	103.1	103.7	100.6	102.3	101.3	95.7	76.1	102.3	100.6
1984	338	103.2	103.7	100.6	102.4	101.4	96.0	76.2	102.3	100.7
1985	292	103.5	103.9	101.0	102.7	101.8	96.4	76.7	102.6	101.1
1986	372	103.5	103.5	100.9	102.4	101.7	96.3	77.3	102.4	100.9
1987	423	103.5	103.1	100.8	102.1	101.7	96.2	77.9	102.1	100.7
1988	476	103.0	103.2	100.6	101.9	101.2	95.8	78.5	102.0	100.4
1989	343	103.4	103.1	100.8	102.0	101.6	95.9	77.9	102.1	100.6
1990	490	103.4	103.0	100.7	101.9	101.5	95.5	77.9	102.1	100.4
1991	262	103.6	102.2	100.2	101.1	101.3	96.2	77.7	101.3	100.1
1992	335	102.8	102.1	99.9	100.8	100.7	96.2	79.7	101.0	99.8
1993	250	102.7	101.2	99.5	100.2	100.5	96.8	80.6	100.3	99.5
1994	286	102.7	101.3	99.6	100.2	100.6	96.9	81.3	100.5	99.6
1995	266	102.2	100.8	99.2	99.6	99.9	97.2	82.6	99.9	99.2
1996	292	102.4	101.0	99.4	99.8	100.1	97.1	82.6	100.2	99.4
1997	329	102.0	101.3	99.4	99.9	99.9	96.9	83.4	100.3	99.4
1998	325	102.1	101.2	99.5	99.9	100.0	96.7	83.6	100.4	99.4
1999	438	102.6	100.2	99.5	99.3	100.1	96.8	83.9	99.8	99.2
2000	390	102.2	100.3	99.4	99.2	99.9	96.9	84.7	99.7	99.1
2001	372	102.1	100.6	99.6	99.6	99.9	97.1	84.9	100.1	99.3
2002	403	102.0	100.7	99.6	99.6	99.7	96.9	85.4	100.1	99.2
2003	452	102.1	100.7	99.7	99.7	99.9	97.0	85.4	100.2	99.3
2004	541	101.6	100.6	99.5	99.3	99.3	96.1	86.1	100.0	98.8
2005	597	101.3	101.2	99.7	99.6	99.1	94.9	85.0	100.5	98.7
2006	760	101.3	101.4	99.8	99.7	99.1	94.9	85.3	100.6	98.8
2007	798	101.7	101.0	100.2	99.7	99.4	94.9	85.4	100.7	98.9
2008	897	101.9	100.9	100.4	99.6	99.5	95.3	86.9	100.7	99.1
2009	1123	101.5	101.0	100.3	99.6	99.2	95.0	87.1	100.7	98.9

2010	1168	101.7	101.5	100.6	100.2	99.8	95.0	86.9	101.2	99.3
2011	1412	101.8	101.4	100.6	100.3	100.0	95.3	87.1	101.2	99.5
2012	1412	101.7	101.3	100.5	100.1	99.8	95.0	87.2	101.0	99.2
2013	2204	102.2	101.0	100.6	100.1	100.2	95.0	86.6	100.9	99.4
2014	1886	102.2	101.4	101.2	100.5	100.6	95.3	87.1	101.5	99.8
2015	1764	101.8	101.4	101.0	100.4	100.4	95.5	88.2	101.4	99.8
2016	1902	101.5	101.3	100.7	100.2	100.1	95.1	87.7	101.1	99.4
2017	2061	101.8	101.5	101.2	100.5	100.5	95.3	88.1	101.5	99.8
2018	2320	101.6	101.6	101.0	100.6	100.4	95.3	87.8	101.5	99.8
2019	2268	102.0	101.5	101.3	100.6	100.8	95.5	87.9	101.6	100.0
2020	2579	101.8	101.6	101.3	100.6	100.7	95.3	87.8	101.6	100.0
2021	1972	102.1	101.5	101.4	100.7	101.0	95.4	87.9	101.6	100.1
2022	691	102.2	101.5	101.4	100.9	101.1	95.5	87.8	101.6	100.2

Tabel: 159 Jersey: Gebruikskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	15	97.2	99.8	95.8	95.4	99.4
1981	13	97.0	100.0	95.6	96.2	99.9
1982	12	96.7	99.6	96.4	96.2	100.2
1983	11	97.1	100.0	95.6	95.5	99.4
1984	10	96.0	99.8	95.8	95.7	99.7
1985	10	96.6	99.4	95.6	95.4	99.5
1986	28	97.1	100.2	95.5	95.2	99.4
1987	44	97.8	100.5	95.4	95.4	99.4
1988	36	97.7	100.0	95.7	95.7	99.6
1989	27	97.6	98.2	95.9	95.6	99.1
1990	30	97.3	97.6	96.4	96.3	99.4
1991	27	97.1	99.0	95.5	95.4	98.8
1992	43	97.8	99.9	94.8	94.5	98.5
1993	53	98.0	100.0	94.3	93.8	98.1
1994	53	97.3	98.5	94.4	93.9	98.1
1995	47	97.4	98.2	94.4	93.9	98.1
1996	43	97.1	98.0	94.5	94.2	98.6
1997	50	97.0	97.5	94.3	93.9	98.1
1998	54	97.4	98.2	94.0	93.3	98.1
1999	91	99.2	100.7	94.0	93.3	97.9
2000	68	98.6	100.4	93.8	93.0	97.5
2001	42	98.9	100.0	94.1	93.1	97.7
2002	66	98.3	99.2	94.4	93.4	97.7
2003	69	98.7	99.7	94.7	93.6	97.7
2004	84	97.8	101.2	95.4	94.8	98.5
2005	112	97.7	102.1	95.5	94.8	98.6
2006	101	97.5	102.5	96.0	95.2	99.0
2007	87	98.1	101.3	96.2	95.7	99.0
2008	104	98.0	102.0	95.8	95.4	99.0
2009	148	98.4	102.5	95.9	95.1	98.1
2010	132	98.1	102.3	96.0	95.4	98.4
2011	144	97.6	102.8	96.5	95.4	98.3
2012	157	98.1	102.6	96.5	95.4	98.1
2013	154	97.9	103.0	97.1	96.1	98.6
2014	174	97.8	102.7	97.1	96.2	98.4
2015	179	98.0	102.8	96.7	95.6	98.2
2016	154	98.3	102.7	97.2	96.0	98.7
2017	173	98.4	102.8	97.0	95.8	98.2
2018	198	98.5	103.1	97.1	95.7	98.4
2019	166	98.9	102.6	97.4	95.9	98.4
2020	283	99.4	103.2	97.4	95.9	98.2
2021	84	98.9	102.7	97.6	96.0	98.4

Tabel: 160 Jersey: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	92	-262.5	-615.4	-360.3	97.4	100.8	87.2	98.5	97.3	0.0
1981	111	-285.8	-698.4	-365.9	98.2	100.6	88.2	98.3	97.9	0.0
1982	134	-297.2	-693.1	-402.2	98.4	100.7	87.0	99.2	98.0	0.0
1983	143	-293.4	-677.3	-408.1	97.5	100.6	86.7	100.2	97.5	0.0
1984	225	-316.8	-706.0	-596.9	97.8	100.7	87.1	99.0	97.8	0.0
1985	229	-190.6	-732.1	-650.6	97.5	101.1	87.1	98.9	97.5	267.7
1986	306	-195.0	-703.9	-718.5	97.3	100.9	88.2	100.1	97.1	228.3
1987	385	-211.9	-710.9	-650.5	97.4	100.7	88.2	100.7	96.9	194.4
1988	433	-226.9	-713.5	-623.5	97.7	100.4	89.0	100.5	97.0	163.1
1989	314	-201.6	-690.2	-586.0	97.3	100.6	88.2	100.8	96.8	182.7
1990	461	-193.6	-699.1	-596.1	97.9	100.4	88.1	101.0	96.5	212.3
1991	231	-177.1	-670.8	-513.4	97.0	100.1	89.6	100.3	96.3	338.1
1992	321	-173.5	-651.0	-475.7	96.4	99.8	89.4	102.5	95.9	285.0
1993	244	-162.3	-610.4	-467.7	95.8	99.5	89.2	103.2	94.9	378.4
1994	265	-148.8	-581.2	-378.4	95.9	99.6	89.8	103.0	95.4	343.0
1995	261	-149.9	-589.1	-387.0	95.9	99.2	89.3	102.1	95.4	364.7
1996	269	-151.7	-592.8	-384.1	96.3	99.4	89.4	100.9	95.6	342.0
1997	316	-154.3	-590.2	-394.4	95.8	99.4	90.2	102.8	96.0	294.2
1998	289	-150.6	-572.0	-418.2	95.6	99.4	89.7	102.0	96.2	357.2
1999	385	-136.9	-537.1	-374.4	95.5	99.2	90.3	103.9	95.9	367.8
2000	342	-125.7	-517.6	-349.9	95.0	99.1	89.6	103.3	96.0	364.0
2001	316	-118.3	-493.1	-345.6	95.2	99.3	90.1	103.6	96.1	362.8
2002	391	-108.1	-487.8	-346.5	95.4	99.2	89.6	102.2	96.1	401.4
2003	439	-99.5	-483.4	-270.0	95.4	99.3	90.5	101.7	96.0	418.3
2004	517	-78.2	-439.7	-174.3	96.6	98.8	90.9	103.4	95.3	378.0
2005	591	-68.1	-442.0	-102.3	96.6	98.7	91.0	102.9	94.7	360.2
2006	743	-51.0	-424.1	-51.5	97.1	98.8	91.7	103.3	94.8	402.8
2007	825	-44.6	-416.7	-19.6	97.4	98.9	91.2	103.3	94.9	382.8
2008	924	-53.0	-424.4	-48.7	97.2	99.1	91.5	103.1	95.0	402.2
2009	1124	-62.2	-415.7	-53.6	96.4	98.9	91.8	103.2	94.9	405.6
2010	1171	-41.1	-396.9	-17.2	96.7	99.3	92.3	103.5	95.8	369.8
2011	1380	-35.8	-391.8	14.4	96.8	99.5	92.4	103.6	96.2	380.0
2012	1349	-41.0	-387.0	6.3	96.6	99.2	92.7	103.4	96.4	362.1
2013	2090	-42.4	-390.6	9.6	97.2	99.4	92.4	102.5	96.0	374.4
2014	1734	-35.0	-379.9	29.0	97.1	99.8	92.9	102.5	96.1	378.7
2015	1605	-28.6	-348.7	27.0	96.8	99.8	92.8	103.1	96.8	325.4
2016	1664	-25.7	-339.7	46.4	97.3	99.4	92.7	102.8	96.7	317.0
2017	1774	-26.4	-339.0	53.9	96.8	99.8	93.3	102.5	96.9	288.0
2018	1944	-20.6	-325.6	73.3	96.9	99.8	93.8	102.6	97.4	277.7
2019	2062	-14.1	-314.4	91.3	97.0	100.0	93.8	102.9	97.5	253.1
2020	2097	-8.6	-301.3	88.0	96.9	100.0	93.9	103.0	97.8	254.1
2021	1616	-1.1	-298.7	68.8	97.1	100.1	94.0	103.6	98.0	252.2
2022	121	10.0	-272.5	77.8	96.5	100.2	94.8	105.0	97.8	232.6

Tabel: 161 Jersey: Klauwgezondheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2000	12	104.5	106.8	103.1	101.4	98.0	101.2	101.6
2001	10	104.0	106.2	102.9	101.2	98.0	101.1	100.7
2002	10	105.1	106.5	103.4	104.0	98.2	101.0	100.8



2003	13	104.1	105.8	102.8	102.9	97.8	101.4	100.3
2004	22	104.6	106.3	103.6	102.5	97.9	101.2	100.5
2005	24	104.5	106.0	104.2	103.2	96.9	101.1	99.1
2006	24	106.3	106.9	105.5	104.7	97.9	102.7	99.8
2007	15	105.3	106.3	104.3	103.7	97.0	102.2	100.1
2009	23	105.1	107.0	104.2	102.7	97.5	102.0	100.6
2010	42	105.6	106.6	104.7	103.2	97.9	102.4	100.2
2011	45	105.3	106.1	104.8	103.1	97.9	102.4	99.4
2012	76	105.4	107.0	104.3	102.6	98.1	102.0	100.8
2013	184	105.1	106.9	104.1	102.3	98.0	101.7	100.6
2014	152	105.3	106.9	104.3	102.4	98.1	102.0	100.6
2015	56	105.2	106.5	104.3	102.4	97.9	101.8	101.3
2016	82	105.3	106.5	104.5	102.5	97.7	101.9	100.4
2017	83	105.8	106.8	104.7	102.7	98.3	102.0	101.2
2018	75	105.3	106.4	104.5	102.8	97.9	102.1	100.3
2019	95	105.5	107.1	104.1	102.5	98.6	101.8	101.3
2020	106	105.2	106.6	104.2	102.3	98.2	101.7	100.8
2021	54	105.6	106.6	104.6	102.7	98.5	102.1	101.0

Tabel: 162 Jersey: Levensvatbaarheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	23	98.1	96.6	98.1	96.6	89.2	101.4
1981	22	98.8	96.7	98.8	96.7	89.7	101.7
1982	28	98.5	97.2	98.5	97.2	89.5	101.8
1983	31	97.2	97.0	97.2	97.0	88.7	101.4
1984	45	98.1	97.3	98.1	97.3	89.3	101.4
1985	36	98.1	96.5	98.1	96.5	89.4	101.2
1986	76	97.0	97.7	97.0	97.7	88.7	101.8
1987	122	96.4	98.0	96.4	98.0	87.6	101.7
1988	127	97.3	97.0	97.3	97.0	88.7	102.0
1989	133	97.3	96.8	97.3	96.8	89.1	102.2
1990	181	97.6	96.4	97.6	96.4	89.4	102.1
1991	140	96.3	96.8	96.3	96.8	88.3	101.3
1992	143	95.6	97.2	95.6	97.2	86.9	102.4
1993	207	95.0	96.7	95.0	96.7	86.2	101.9
1994	245	95.5	97.2	95.5	97.2	87.0	101.7
1995	229	95.4	97.3	95.4	97.3	87.0	101.8
1996	221	95.9	97.2	95.9	97.2	87.2	102.0
1997	218	96.2	97.5	96.2	97.5	87.9	102.0
1998	262	96.7	97.7	96.7	97.7	88.0	102.0
1999	336	96.4	97.8	96.4	97.8	87.6	102.7
2000	332	96.2	98.0	96.2	98.0	87.6	102.8
2001	319	96.4	97.8	96.4	97.8	88.6	102.5
2002	337	96.5	97.8	96.5	97.8	88.7	102.4
2003	397	96.4	97.8	96.4	97.8	89.3	102.3
2004	441	95.8	97.5	95.8	97.5	88.6	102.2
2005	503	95.5	96.9	95.5	96.9	88.7	102.3
2006	548	95.6	96.9	95.6	96.9	88.9	102.5
2007	638	95.4	97.2	95.4	97.2	89.4	102.6
2008	702	95.1	97.6	95.1	97.6	88.9	102.4
2009	787	95.0	97.4	95.0	97.4	88.8	102.2
2010	809	95.8	98.0	95.8	98.0	88.8	103.2
2011	943	96.3	98.3	96.3	98.3	89.2	103.3
2012	1076	96.5	98.5	96.5	98.5	89.4	103.3
2013	1437	96.3	98.0	96.3	98.0	88.9	103.5
2014	1203	96.1	98.3	96.1	98.3	89.0	103.7
2015	1338	96.4	99.0	96.4	99.0	90.0	103.4
2016	1254	96.4	98.7	96.4	98.7	89.3	103.5

2017	1462	96.6	99.0	96.6	99.0	89.7	103.4
2018	1627	96.8	99.4	96.8	99.4	89.5	103.8
2019	1591	96.8	99.5	96.8	99.5	89.4	103.9
2020	1826	97.2	99.7	97.2	99.7	89.7	104.1
2021	1648	97.2	99.6	97.2	99.6	89.4	104.1
2022	1745	97.2	99.7	97.2	99.7	89.3	104.1
2023	1710	97.2	99.8	97.2	99.8	89.3	104.3
2024	194	97.2	99.8	97.2	99.8	89.3	104.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	20	122.5	108.2	64.2	89.7	92.0	78.3
1981	19	123.7	108.6	62.6	87.0	91.0	74.0
1982	15	123.6	108.6	62.9	86.5	92.0	75.5
1983	20	121.7	107.9	64.9	86.7	91.3	74.3
1984	31	123.7	108.1	62.5	86.4	91.4	74.2
1985	29	121.7	107.8	65.4	87.8	92.3	76.2
1986	39	119.1	106.7	70.1	89.9	91.5	77.5
1987	74	117.9	107.5	70.0	89.9	91.6	77.3
1988	62	118.1	106.6	70.3	90.6	91.4	78.8
1989	68	119.1	106.7	69.1	89.3	91.3	79.6
1990	73	119.4	107.1	68.4	89.2	91.0	79.6
1991	55	118.9	107.3	69.3	89.2	91.1	79.1
1992	65	118.8	106.6	70.4	91.0	89.9	76.7
1993	82	118.5	106.5	70.7	91.1	89.3	76.3
1994	102	118.4	107.2	70.3	89.7	89.6	77.5
1995	94	117.6	107.4	71.1	90.0	90.4	78.3
1996	90	118.7	107.3	69.8	89.7	90.3	77.6
1997	97	117.7	107.2	70.9	89.5	90.2	78.0
1998	127	116.8	107.4	71.2	88.7	90.5	78.3
1999	169	116.1	107.1	71.7	89.7	91.0	76.6
2000	153	117.1	106.8	71.4	90.0	90.8	77.3
2001	153	116.7	107.1	71.3	89.7	90.8	77.5
2002	156	113.8	106.8	75.1	91.2	91.2	77.1
2003	221	113.0	107.1	75.4	90.2	91.1	77.3
2004	321	112.3	108.1	76.3	90.0	91.1	76.9
2005	338	113.1	108.2	75.0	89.7	90.8	75.8
2006	391	113.5	107.9	74.5	89.7	90.8	75.3
2007	496	111.3	108.4	76.9	90.5	91.8	75.9
2008	559	110.9	108.3	77.3	90.3	91.7	76.5
2009	720	110.3	108.4	77.8	90.0	91.6	76.7
2010	674	111.4	108.1	76.6	89.9	91.3	76.3
2011	805	111.7	107.8	76.1	90.0	91.2	76.2
2012	801	111.3	107.9	76.4	90.2	91.4	76.1
2013	1139	111.7	108.1	75.6	89.5	91.3	76.3
2014	1007	111.8	107.4	75.7	89.7	91.4	76.7
2015	1062	111.1	107.7	76.4	89.8	91.5	77.3
2016	995	111.7	107.2	75.6	89.4	91.4	76.8
2017	1064	110.6	108.0	76.7	89.6	91.4	76.8
2018	1136	110.9	108.0	76.3	89.5	90.8	76.7
2019	917	110.6	108.0	76.3	89.3	90.9	77.0
2020	1075	110.3	108.4	76.6	89.2	91.0	77.0
2021	792	110.7	108.2	76.3	89.0	91.1	77.5
2022	933	110.4	107.9	76.6	89.2	91.0	77.5
2023	618	109.9	107.8	77.0	89.0	91.2	78.0
2024	115	110.1	107.7	76.5	88.6	91.5	77.7

Tabel: 164 Jersey: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	42	87.4	104.1	90.5	85.9	99.8	94.0	88.4	89.5	102.5	94.1	81.9
1981	38	87.1	104.4	90.0	85.4	100.3	92.9	88.5	88.7	102.7	93.3	81.1
1982	53	87.0	104.9	89.5	85.5	100.5	92.8	88.2	88.6	103.0	93.0	81.2
1983	51	87.3	104.4	90.7	85.5	100.1	94.1	88.0	89.6	102.9	94.0	81.9
1984	84	87.1	104.4	90.6	85.3	100.1	93.5	88.2	89.1	102.8	93.6	81.5
1985	70	86.9	104.3	91.0	85.6	99.5	94.2	87.9	89.3	102.6	94.0	82.0
1986	105	86.8	103.8	91.9	85.0	99.6	95.1	87.7	89.1	102.8	95.0	81.6
1987	127	87.2	103.7	92.3	84.7	100.0	95.5	87.6	90.3	103.0	95.5	81.5
1988	143	86.4	103.3	91.8	84.5	99.1	94.8	87.1	89.9	102.3	94.6	81.1
1989	121	86.6	103.3	92.1	84.6	99.1	95.2	87.2	90.0	102.4	94.9	81.4
1990	157	85.9	103.5	91.7	84.5	98.7	94.8	86.7	89.5	102.2	94.5	80.8
1991	106	86.3	102.9	92.0	84.7	98.5	95.6	87.2	89.6	102.1	95.2	81.6
1992	141	86.1	102.6	92.2	84.7	97.6	97.0	86.4	91.0	101.8	96.3	81.2
1993	126	85.5	102.5	92.4	84.3	96.8	97.9	85.4	91.8	101.7	97.0	80.5
1994	157	85.7	102.3	92.3	84.1	97.3	97.5	86.1	90.8	101.8	96.8	80.7
1995	150	85.4	102.3	92.0	84.1	97.1	97.5	85.7	90.8	101.8	96.5	80.7
1996	154	85.6	102.4	91.9	84.0	97.4	96.9	86.1	90.5	101.7	96.1	80.6
1997	132	85.8	102.7	92.0	84.0	98.1	96.9	86.3	90.0	102.3	96.3	80.9
1998	164	86.0	102.5	92.3	84.1	97.9	97.2	86.2	90.8	102.1	96.6	80.9
1999	224	86.0	102.6	92.2	84.1	97.7	97.2	85.7	92.0	102.1	96.4	80.5
2000	184	86.2	102.4	92.2	84.1	97.5	97.2	85.9	92.2	101.9	96.6	80.4
2001	171	86.1	102.6	92.0	84.2	97.7	97.2	86.1	91.8	102.1	96.5	80.7
2002	187	86.4	102.5	91.7	84.4	97.5	97.2	86.1	92.2	102.1	96.3	81.1
2003	162	86.3	102.7	92.0	84.5	97.8	97.0	86.3	91.7	102.2	96.2	81.2
2004	201	86.9	102.6	92.5	84.2	98.6	97.2	86.6	92.1	102.6	96.6	81.3
2005	182	86.9	102.2	93.1	84.0	98.6	97.7	86.6	92.2	102.4	97.4	80.8
2006	187	86.9	102.0	93.1	83.4	99.0	97.7	86.4	92.3	102.5	97.6	80.3
2007	134	87.2	102.3	92.9	84.0	99.1	97.2	86.8	92.3	102.5	97.0	80.9
2008	151	87.0	102.4	93.0	83.9	99.2	97.5	86.6	92.3	102.6	97.4	80.7
2009	159	87.2	102.5	93.0	84.2	99.1	97.2	86.8	92.4	102.5	96.9	81.2
2010	114	88.5	102.3	93.2	84.1	100.3	97.5	87.9	92.6	103.1	97.6	81.6
2011	73	88.7	101.6	93.3	83.9	100.1	98.0	88.1	93.0	102.8	98.1	81.7
2012	70	88.2	101.9	93.1	83.7	100.1	97.5	87.7	92.6	102.8	97.5	81.3
2013	59	88.5	102.2	93.2	84.4	100.2	97.5	88.2	92.6	102.9	97.6	81.9
2014	40	88.2	102.0	92.8	83.9	100.2	97.5	87.5	92.8	102.9	97.4	81.3
2015	32	87.7	101.7	92.9	84.0	99.3	97.4	87.6	92.3	102.1	97.0	81.5
2016	25	87.7	101.6	92.8	83.9	98.8	98.2	87.4	92.6	102.2	97.9	81.3
2017	33	87.9	101.2	92.7	83.7	99.2	97.6	87.6	92.6	102.3	97.5	81.2
2018	32	88.3	101.1	92.9	84.2	99.2	97.8	88.2	92.6	101.9	97.8	81.8
2019	33	88.2	100.9	92.7	84.3	99.0	97.7	88.2	92.9	102.0	97.6	81.9
2020	18	87.5	100.8	92.6	84.3	98.3	97.7	87.6	92.4	101.3	97.3	81.7
2021	16	89.1	101.7	93.2	84.7	99.9	97.8	88.4	92.9	102.6	97.6	82.8

Tabel: 165 Jersey: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	17	90.9	89.4	99.6
1981	16	91.0	89.1	100.1
1982	23	91.1	89.3	100.1
1983	17	91.1	89.4	99.9
1984	35	91.2	89.4	100.1
1985	18	91.3	89.8	99.6

1986	44	91.1	90.6	99.0
1987	100	91.1	90.5	98.9
1988	82	91.8	91.4	99.1
1989	82	91.7	91.1	99.3
1990	112	92.0	91.2	99.4
1991	84	92.1	91.6	99.2
1992	107	90.9	90.6	98.6
1993	174	90.6	90.4	98.4
1994	204	91.0	90.9	98.5
1995	209	91.0	90.7	98.4
1996	200	90.7	90.4	98.5
1997	183	91.1	90.8	98.6
1998	234	91.3	91.0	98.6
1999	334	90.8	90.5	98.4
2000	298	90.0	89.8	97.9
2001	284	90.4	90.4	98.0
2002	305	91.0	90.7	98.4
2003	355	91.6	91.2	98.8
2004	399	91.2	90.8	98.6
2005	470	90.9	90.3	98.8
2006	526	90.8	90.1	98.8
2007	587	91.1	90.7	99.0
2008	615	90.9	90.4	98.8
2009	675	90.8	90.4	98.7
2010	720	91.1	90.4	99.2
2011	828	91.4	90.5	99.5
2012	953	91.7	91.0	99.6
2013	1335	91.0	89.8	99.6
2014	1123	91.3	90.3	99.8
2015	1457	92.3	91.2	100.2
2016	1221	92.0	90.8	100.1
2017	1414	92.5	91.5	100.2
2018	1657	92.0	90.8	100.0
2019	1661	92.6	91.4	100.4
2020	1971	92.8	91.6	100.5
2021	1807	92.7	91.6	100.4
2022	2267	93.1	92.1	100.5
2023	1686	93.4	92.2	100.7
2024	158	93.6	92.4	100.9

Tabel: 166 Jersey: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	302	-4022.7	-18521.7	-623.1	-598.9
2002	367	-4014.6	-18430.1	-624.5	-596.7
2003	406	-3661.8	-17334.0	-552.9	-551.4
2004	489	-3076.8	-15161.8	-451.0	-468.3
2005	548	-2744.6	-14187.9	-384.5	-424.7
2006	690	-2451.3	-13278.0	-321.4	-388.6
2007	756	-2265.3	-12733.7	-289.4	-361.5
2008	831	-2438.2	-13231.2	-321.9	-385.4
2009	1077	-2438.0	-13217.6	-323.7	-384.5
2010	1102	-2168.1	-12237.5	-276.0	-346.4
2011	1311	-1989.4	-11678.3	-238.8	-323.8
2012	1321	-2034.5	-12204.7	-241.7	-331.7
2013	2083	-2026.8	-12270.5	-236.8	-332.3
2014	1710	-1890.1	-11845.7	-209.4	-314.4
2015	1560	-1767.9	-11500.1	-195.0	-293.2
2016	1640	-1631.0	-11042.7	-163.0	-277.7

2017	1755	-1590.0	-10957.2	-160.3	-269.5
2018	1953	-1429.3	-10600.1	-123.7	-250.4
2019	2074	-1286.9	-9997.6	-102.8	-228.5
2020	2133	-1246.5	-9999.2	-91.7	-224.4
2021	1718	-1342.8	-10304.3	-113.4	-235.9
2022	145	-1199.9	-9721.4	-88.3	-215.8

Tabel: 167 Jersey: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1988	10	96.8	93.8	105.1	95.2
1989	13	95.7	93.0	104.8	93.1
1990	16	96.0	93.2	105.2	94.0
1991	12	96.4	92.5	104.9	94.1
1992	36	97.2	93.8	105.2	95.9
1993	39	97.3	93.5	105.6	96.3
1994	45	96.9	93.3	105.1	95.4
1995	32	97.2	93.4	104.8	95.7
1996	24	97.0	93.3	104.7	95.1
1997	34	97.1	93.1	105.0	95.4
1998	50	97.7	91.7	107.0	97.1
1999	104	99.1	93.6	107.2	99.5
2000	62	98.5	93.5	106.9	98.7
2001	44	98.4	93.2	107.3	98.7
2002	71	98.0	93.0	106.8	97.9
2003	102	98.7	92.3	107.9	99.1
2004	131	97.3	93.1	108.4	98.7
2005	149	97.6	91.6	109.1	98.9
2006	193	97.8	91.5	109.1	99.0
2007	233	97.5	91.9	108.5	98.6
2008	246	97.3	92.1	108.4	98.5
2009	365	97.7	92.2	108.6	98.7
2010	335	97.8	92.5	108.6	99.1
2011	392	97.4	92.4	108.5	98.8
2012	427	98.3	92.4	108.9	99.8
2013	524	98.2	92.2	109.0	99.9
2014	571	97.8	92.2	109.2	99.6
2015	580	98.8	92.2	109.4	100.6
2016	612	98.6	92.4	109.0	100.3
2017	752	99.3	92.5	109.2	101.2
2018	696	99.3	93.5	109.2	101.7
2019	803	100.0	94.2	109.3	102.8
2020	878	100.4	94.5	109.6	103.7
2021	840	100.9	94.4	109.3	103.9
2022	86	100.8	94.9	109.0	103.8

Tabel: 168 Jersey: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	92	99.4	97.1	0	0.0	0.0	0	0.0
1981	111	99.3	96.9	0	0.0	0.0	0	0.0
1982	134	99.1	97.2	0	0.0	0.0	0	0.0
1983	143	99.1	97.1	0	0.0	0.0	0	0.0
1984	225	99.2	97.1	0	0.0	0.0	0	0.0

1985	229	98.9	97.2	95	-9.1	267.7	0	0.0
1986	306	98.8	97.1	147	-8.1	228.3	0	0.0
1987	385	99.1	97.3	212	-7.7	194.4	0	0.0
1988	433	99.7	97.0	257	-7.2	163.1	0	0.0
1989	314	100.3	97.4	122	-7.3	182.7	0	0.0
1990	461	100.3	97.6	97	-7.7	212.3	0	0.0
1991	231	100.4	97.7	37	-9.3	338.1	0	0.0
1992	321	100.2	97.1	59	-8.4	285.0	0	0.0
1993	244	100.7	97.2	35	-9.6	378.4	0	0.0
1994	265	100.9	97.2	46	-8.9	343.0	0	0.0
1995	261	100.7	96.8	42	-9.6	364.7	0	0.0
1996	269	100.7	97.0	32	-9.2	342.0	0	0.0
1997	316	100.7	96.9	42	-8.3	294.2	0	0.0
1998	289	100.0	96.6	36	-9.1	357.2	0	0.0
1999	385	100.3	96.7	55	-9.1	367.8	0	0.0
2000	342	100.1	96.4	44	-9.1	364.0	0	0.0
2001	316	100.1	96.7	41	-9.0	362.8	29	56.2
2002	391	100.3	96.6	56	-9.6	401.4	49	55.4
2003	439	100.7	96.9	58	-9.7	418.3	51	55.5
2004	517	101.7	97.2	57	-8.8	378.0	48	56.9
2005	591	101.7	97.7	76	-8.6	360.2	66	58.4
2006	743	102.5	97.4	69	-9.2	402.8	63	56.7
2007	825	102.5	97.3	75	-8.9	382.8	63	57.0
2008	924	102.5	97.1	97	-9.1	402.2	83	56.3
2009	1124	103.0	97.3	75	-9.0	405.6	67	56.4
2010	1171	103.2	98.1	133	-8.5	369.8	106	56.4
2011	1380	103.3	97.9	105	-8.5	380.0	88	56.5
2012	1349	103.5	97.7	122	-8.2	362.1	102	58.1
2013	2090	103.3	97.9	132	-8.5	374.4	109	57.9
2014	1734	103.2	98.1	109	-8.5	378.7	95	57.1
2015	1605	103.5	98.3	107	-7.4	325.4	78	59.7
2016	1664	103.4	98.3	105	-7.4	317.0	78	59.9
2017	1774	103.6	98.3	126	-6.9	288.0	101	61.4
2018	1944	103.6	98.5	118	-6.7	277.7	97	63.2
2019	2062	103.9	98.3	121	-6.4	253.1	99	64.7
2020	2097	104.1	98.5	99	-6.1	254.1	83	65.4
2021	1616	103.9	98.2	67	-6.1	252.2	50	66.6
2022	121	103.6	97.7	8	-5.7	232.6	4	67.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	22	99.4	0	0.0	0	0.0	22	93.9
1987	53	99.7	0	0.0	0	0.0	53	96.0
1988	54	99.7	0	0.0	0	0.0	54	96.6
1989	47	99.8	0	0.0	0	0.0	47	96.7
1990	49	99.8	0	0.0	0	0.0	49	97.0
1991	45	99.8	0	0.0	0	0.0	45	97.0
1992	70	99.6	0	0.0	0	0.0	70	94.8
1993	72	99.8	0	0.0	0	0.0	72	95.5
1994	88	99.8	0	0.0	0	0.0	88	96.1
1995	86	99.8	0	0.0	0	0.0	86	97.2
1996	75	99.8	0	0.0	0	0.0	75	96.7
1997	103	99.9	0	0.0	0	0.0	103	97.3
1998	119	99.9	0	0.0	0	0.0	119	97.8
1999	150	99.9	0	0.0	1	97.0	150	97.5
2000	154	99.8	1	98.0	1	99.0	154	97.1
2001	153	99.9	0	0.0	0	0.0	153	98.5
2002	197	99.9	0	0.0	0	0.0	197	98.9

2003	240	100.0	0	0.0	0	0.0	240	99.9
2004	336	99.9	0	0.0	0	0.0	336	99.7
2005	371	100.0	1	99.0	0	0.0	371	99.9
2006	477	100.0	2	98.0	1	94.0	477	100.0
2007	571	100.0	0	0.0	0	0.0	571	100.9
2008	645	100.0	0	0.0	0	0.0	645	100.6
2009	833	100.0	0	0.0	0	0.0	833	100.6
2010	869	100.0	3	98.7	2	95.5	869	100.1
2011	1016	100.0	1	99.0	0	0.0	1016	100.4
2012	1078	100.0	6	100.5	4	95.8	1078	100.4
2013	1371	100.0	7	99.3	7	97.3	1371	100.6
2014	1295	100.0	5	99.4	5	95.6	1295	99.9
2015	1285	100.0	11	99.3	13	97.7	1285	98.8
2016	1401	100.0	3	99.0	4	98.5	1401	99.7
2017	1494	100.0	6	100.2	2	100.0	1494	99.4
2018	1603	100.0	5	100.2	0	0.0	1603	100.3
2019	1698	100.0	0	0.0	9	98.1	1698	99.9
2020	1666	100.0	0	0.0	30	98.7	1666	100.2
2021	1331	100.0	0	0.0	11	98.5	1331	99.8
2022	121	100.0	0	0.0	0	0.0	121	99.5

Tabel: 170 Jersey: Reproductiestoornissen  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	22	102.2	99.8	101.8	101.2	103.5	101.6
1995	11	102.3	99.5	101.9	101.3	103.6	102.1
1996	10	102.7	99.8	102.1	101.6	103.9	102.1
1997	13	102.5	100.0	102.2	101.5	103.8	102.1
1999	45	101.3	99.3	100.2	100.5	103.0	100.2
2000	27	101.2	99.2	100.0	100.3	102.9	100.3
2001	12	101.2	99.1	99.8	100.3	102.8	99.9
2002	10	101.1	99.0	99.9	100.2	102.8	100.1
2003	27	103.0	100.8	101.6	102.0	103.6	101.3
2004	54	103.7	101.6	102.2	102.7	104.4	101.5
2005	82	103.8	101.8	102.5	102.6	104.6	101.8
2006	83	103.4	101.4	102.3	102.1	104.5	101.8
2007	85	103.2	101.1	101.9	102.0	104.1	101.4
2008	83	102.1	100.2	100.9	101.2	103.5	100.4
2009	105	102.5	100.5	101.3	101.4	103.9	100.8
2010	118	103.1	101.0	102.1	101.9	104.3	101.6
2011	153	103.1	101.0	102.1	102.0	104.1	101.5
2012	131	102.7	100.6	101.7	101.6	103.8	101.2
2013	331	102.5	100.6	101.3	101.5	103.7	100.9
2014	224	102.7	100.7	101.5	101.7	103.8	101.1
2015	93	102.3	100.3	101.4	101.3	103.5	100.7
2016	92	102.2	100.3	101.1	101.3	103.4	100.5
2017	64	101.9	99.9	101.1	101.0	103.4	100.6
2018	63	101.6	99.5	100.7	100.8	103.0	100.3
2019	77	102.3	100.2	101.4	101.3	103.4	100.7
2020	47	102.0	100.0	101.2	101.1	103.4	100.8
2021	45	102.2	100.0	101.4	101.3	103.3	100.8

Tabel: 171 Lakenvelder - zwartbont: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
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1990	10	-1208.6	-56.9	-52.9	-56.6	-5.8	-15.1	-1.9	-353.4
1991	14	-1702.2	-84.7	-71.9	-78.9	-20.7	-19.4	-0.9	-496.5
1992	12	-1539.8	-82.2	-67.7	-71.4	-28.9	-22.6	-1.2	-471.6
1994	13	-1690.4	-86.3	-71.1	-78.6	-25.0	-18.8	-1.8	-496.3
1995	14	-2055.4	-97.8	-82.0	-95.3	-15.0	-14.0	-1.5	-570.2
1996	16	-2012.8	-97.8	-79.7	-93.2	-18.2	-11.9	-1.2	-560.1
1997	28	-2294.9	-111.4	-89.6	-106.1	-22.4	-11.8	-1.2	-633.2
1998	12	-2328.8	-114.2	-90.8	-107.7	-26.3	-12.2	-1.2	-644.7
2000	19	-2188.2	-108.1	-87.1	-101.3	-26.7	-15.7	-1.3	-614.4
2001	12	-2122.8	-105.5	-91.7	-88.8	-25.5	-31.3	20.2	-624.0
2002	11	-2181.6	-102.6	-87.9	-90.0	-11.6	-17.1	26.1	-603.2
2003	15	-2192.8	-107.5	-86.4	-87.3	-23.0	-11.7	36.9	-606.5

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

Tabel: 172 Lakenvelder - zwartbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1987	14	100.4	104.1	100.1	102.3	99.9	97.5	94.5	102.4	100.4
1988	20	100.5	103.1	99.2	101.2	99.3	97.0	92.7	101.1	99.4
1989	12	101.0	103.2	99.9	101.3	100.1	97.1	90.9	101.7	100.0
1990	34	100.1	102.9	98.9	100.7	99.1	96.7	92.9	100.8	99.1
1991	29	100.1	104.4	99.9	102.1	99.9	96.9	93.3	102.2	100.2
1992	55	101.2	103.2	99.8	101.8	100.1	97.6	92.4	101.5	100.2
1993	40	101.0	103.0	99.5	101.3	99.9	97.2	92.6	101.2	99.8
1994	32	101.0	104.3	100.4	102.5	100.5	97.6	93.0	102.6	100.7
1995	49	101.0	102.9	99.3	101.2	99.8	97.1	91.5	101.0	99.6
1996	86	100.4	104.1	99.9	102.0	99.9	96.7	92.1	102.1	100.1
1997	101	101.3	103.3	100.0	101.9	100.3	97.2	91.9	101.8	100.1
1998	111	100.8	103.6	99.6	101.8	100.0	96.8	91.7	101.7	99.9
1999	136	101.0	103.3	99.6	101.6	100.1	96.9	91.5	101.5	99.9
2000	134	101.2	103.7	100.1	102.1	100.3	97.0	91.8	102.0	100.3
2001	128	100.6	104.5	100.2	102.5	100.2	96.6	91.5	102.4	100.4
2002	144	100.6	104.0	99.9	102.2	100.1	96.4	91.2	102.1	100.1
2003	123	100.3	104.3	99.8	102.2	99.9	96.6	91.8	102.2	100.1
2004	87	100.6	104.1	100.0	102.0	100.0	96.6	91.7	102.1	100.1
2005	110	100.4	104.3	100.1	102.2	100.0	96.8	92.1	102.3	100.3
2006	73	100.6	104.2	100.2	102.4	100.2	96.3	91.8	102.4	100.3
2007	61	100.3	104.1	99.7	102.1	99.8	96.3	92.2	101.9	99.9
2008	63	100.1	104.2	99.8	102.1	99.7	96.4	92.1	102.0	99.9
2009	51	99.9	104.2	99.5	101.9	99.5	96.2	92.1	101.9	99.7
2010	40	100.3	104.2	99.8	102.0	99.8	96.5	91.9	102.0	100.0
2011	48	99.9	103.9	99.4	101.7	99.4	95.9	92.0	101.6	99.6
2012	42	99.3	104.6	99.3	101.8	99.1	95.9	92.0	101.8	99.6
2013	46	99.8	104.3	99.4	101.9	99.5	96.3	91.5	101.8	99.7
2014	28	99.4	104.4	99.2	101.8	99.3	96.2	91.1	101.8	99.6
2015	30	99.7	104.9	99.7	102.4	99.6	96.3	91.1	102.4	100.1
2016	26	100.2	104.3	99.7	102.0	99.8	96.4	90.7	102.0	100.0
2017	23	99.9	104.8	99.7	102.3	99.7	96.0	91.4	102.3	99.8
2018	35	100.9	103.9	100.1	102.2	100.4	96.9	91.5	102.1	100.3
2019	32	100.8	104.0	99.9	102.0	100.2	96.5	91.4	102.1	100.1
2020	15	101.2	103.8	100.0	102.2	100.5	97.0	91.3	101.9	100.3
2021	11	101.1	103.7	100.3	102.0	100.5	96.7	91.5	102.0	100.5

Tabel: 173 Lakenvelder - zwartbont: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: NL



Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1990	10	-144.2	-353.4	-235.7	101.7	99.1	0.0	0.0	98.0	61.1
1991	14	-186.7	-496.5	-568.0	102.9	100.2	0.0	0.0	98.5	100.2
1992	12	-218.9	-471.6	-103.2	99.1	100.2	98.0	96.0	100.2	128.4
1994	13	-182.8	-496.3	-51.2	101.9	100.7	0.0	0.0	97.6	122.0
1995	14	-253.9	-570.2	-515.4	101.9	99.6	91.0	95.0	99.5	92.0
1996	16	-235.9	-560.1	-349.4	101.2	100.1	96.0	97.0	99.1	94.9
1997	28	-274.1	-633.2	-509.6	100.8	100.1	97.0	96.0	100.0	97.4
1998	12	-286.3	-644.7	-401.4	100.8	99.9	0.0	0.0	99.5	86.2
2000	19	-242.1	-614.4	-260.7	100.6	100.3	92.0	95.0	98.9	141.2
2001	12	-280.5	-624.0	-415.2	101.8	100.4	92.0	97.0	99.5	91.5
2002	11	-229.6	-603.2	-177.2	101.1	100.1	90.0	96.0	98.9	142.8
2003	15	-233.7	-606.5	-260.9	102.3	100.1	0.0	0.0	98.7	105.9

Tabel: 174 Lakenvelder - zwartbont: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1997	21	98.5	100.0	98.5	100.0	98.8	101.6
1998	25	98.5	99.3	98.5	99.3	99.0	101.2
1999	36	99.6	99.0	99.6	99.0	99.5	100.9
2000	47	99.0	99.1	99.0	99.1	99.4	101.1
2001	66	98.9	99.9	98.9	99.9	99.1	101.6
2002	64	98.8	99.5	98.8	99.5	99.0	101.1
2003	48	98.6	98.7	98.6	98.7	98.7	100.7
2004	54	97.5	98.8	97.5	98.8	98.0	100.4
2005	78	97.8	98.9	97.8	98.9	98.3	100.4
2006	52	97.9	99.4	97.9	99.4	98.3	101.0
2007	32	97.9	100.0	97.9	100.0	98.4	101.2
2008	38	98.8	99.8	98.8	99.8	98.8	101.1
2009	34	98.6	99.9	98.6	99.9	98.8	101.2
2010	30	98.9	99.7	98.9	99.7	99.1	101.1
2011	34	98.4	100.4	98.4	100.4	99.0	101.5
2012	37	99.0	100.2	99.0	100.2	99.2	101.5
2013	38	99.3	99.6	99.3	99.6	99.4	101.2
2014	27	99.8	99.9	99.8	99.9	99.8	101.3
2015	30	99.2	99.6	99.2	99.6	99.2	101.0
2016	25	100.6	99.6	100.6	99.6	100.3	101.4
2017	16	100.6	100.1	100.6	100.1	101.2	101.5
2018	26	99.2	100.0	99.2	100.0	99.8	101.0
2019	20	99.2	100.2	99.2	100.2	100.2	101.3
2020	17	98.8	100.0	98.8	100.0	99.9	101.1
2021	21	98.7	100.1	98.7	100.1	100.0	101.2
2022	26	98.3	99.9	98.3	99.9	99.8	101.0

Tabel: 175 Lakenvelder - zwartbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1996	10	99.3	103.7	99.5	0.0	0.0	0.0
1997	19	99.6	103.6	99.2	100.0	98.5	90.5
1998	16	100.3	102.4	98.2	101.3	97.0	87.7
1999	27	99.1	103.8	99.7	99.7	96.2	89.8
2000	42	99.2	104.0	99.1	99.3	97.3	89.2

2001	30	99.0	104.0	99.1	98.8	97.0	88.9
2002	40	98.3	103.1	99.6	99.0	97.1	88.6
2003	36	99.1	102.8	99.4	98.6	97.4	90.1
2004	30	100.1	104.0	98.8	99.2	98.2	92.2
2005	46	100.7	103.0	97.8	99.1	97.1	90.4
2006	30	99.4	102.4	98.8	98.7	97.4	89.6
2007	31	100.4	103.9	98.1	99.7	97.8	90.4
2008	47	100.3	103.9	98.3	98.9	97.5	91.3
2009	32	101.3	104.1	97.5	99.2	97.2	90.9
2010	35	100.1	104.7	98.5	99.2	97.9	91.0
2011	41	101.5	103.6	97.5	100.3	96.7	90.7
2012	32	101.1	104.6	97.4	99.2	97.2	90.6
2013	29	102.6	103.6	96.3	99.5	97.8	91.3
2014	22	100.1	104.2	98.2	98.8	97.1	89.9
2015	26	100.3	103.2	98.0	99.1	96.6	89.5
2016	16	101.2	105.2	97.7	98.7	96.6	91.3
2017	12	99.1	106.7	99.1	97.4	98.4	92.2
2018	25	100.9	103.4	97.8	99.1	96.5	90.2
2019	20	100.8	104.7	97.8	98.3	97.7	91.8
2020	16	100.5	104.2	98.1	98.8	97.7	91.4
2021	11	101.5	103.5	96.8	99.3	97.1	89.6
2022	23	101.1	103.1	97.6	98.9	97.4	91.3

Tabel: 176 Lakenvelder - zwartbont: Vleeskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1990	20	95.8	106.4	93.1	98.3	101.4	97.5	95.9	95.5	104.2	95.2	93.5
1991	18	95.3	105.1	91.1	96.3	101.2	96.5	95.1	95.7	104.1	94.3	91.3
1992	29	93.2	101.8	93.6	96.2	96.7	98.6	94.1	95.8	100.0	95.7	91.1
1993	23	94.7	104.9	91.0	97.5	99.6	97.3	94.6	96.3	102.8	94.0	92.4
1994	27	94.6	104.3	92.1	96.4	100.1	97.6	94.6	95.8	103.0	95.4	91.2
1995	39	93.5	104.6	92.2	97.1	98.5	98.1	93.6	95.8	102.5	94.7	91.7
1996	58	95.2	106.4	92.0	96.9	101.8	96.8	95.1	95.1	104.8	94.0	92.6
1997	76	94.6	105.9	92.8	95.9	101.4	97.2	94.1	96.0	104.4	94.7	91.3
1998	74	95.1	106.4	91.2	96.7	101.9	96.9	94.7	95.5	104.9	94.1	91.9
1999	86	93.8	104.9	91.4	95.9	100.2	96.9	94.1	94.8	103.2	93.9	91.0
2000	98	94.6	106.7	91.4	95.9	101.8	96.7	93.9	95.8	104.9	94.0	91.0
2001	73	94.8	106.9	91.1	95.7	102.7	96.1	94.4	95.5	105.3	93.7	90.9
2002	102	94.3	106.0	90.6	95.6	101.7	96.5	94.1	94.9	104.6	93.6	90.7
2003	89	94.5	106.7	91.4	95.9	101.9	97.4	93.9	95.5	105.2	94.3	91.2
2004	53	94.8	107.4	90.6	96.1	102.7	96.8	94.5	94.8	105.6	94.0	91.3
2005	68	94.3	107.8	90.2	96.0	102.7	96.7	93.9	94.2	105.8	93.5	91.2
2006	38	94.5	107.3	89.9	95.7	102.6	96.5	94.0	94.4	105.5	93.4	90.9
2007	19	94.6	106.9	90.5	96.1	102.3	96.5	94.7	94.1	105.1	93.4	91.5
2008	27	93.7	106.9	90.6	95.8	101.3	96.9	93.0	95.5	105.2	93.1	90.8
2009	19	93.4	106.3	90.5	95.4	100.9	96.9	92.9	95.2	104.6	93.2	90.5
2010	11	92.8	106.8	91.1	95.1	101.5	97.1	92.5	94.2	105.2	93.2	90.6

Tabel: 177 Lakenvelder - zwartbont: Kalvervitaliteit  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1995	10	99.6	97.7	101.4
1996	20	100.1	98.3	101.8
1997	33	100.6	98.9	102.1

1998	33	101.1	99.2	102.3
1999	36	101.2	99.1	102.4
2000	79	100.7	98.9	102.2
2001	78	100.8	99.0	102.2
2002	70	100.5	98.6	102.0
2003	67	100.6	98.7	102.2
2004	64	100.4	98.6	102.0
2005	103	100.5	98.6	102.0
2006	68	100.5	98.6	102.0
2007	38	100.8	99.0	102.3
2008	47	100.9	99.1	102.4
2009	42	101.0	99.0	102.5
2010	33	101.0	99.1	102.6
2011	39	100.8	98.8	102.3
2012	39	100.9	98.9	102.4
2013	40	100.6	98.7	102.4
2014	32	101.0	99.1	102.2
2015	27	101.1	99.2	102.3
2016	24	102.1	100.1	102.9
2017	20	102.5	100.5	103.0
2018	29	102.2	100.2	103.0
2019	28	102.7	100.6	103.2
2020	17	103.0	100.9	103.5
2021	26	102.8	100.7	103.4
2022	25	103.0	100.9	103.6
2023	11	102.3	100.3	103.2

Tabel: 178 Lakenvelder - zwartbont: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	12	-4632.3	-17723.7	-792.8	-660.8
2003	11	-4252.5	-16605.9	-733.3	-598.9

Tabel: 179 Lakenvelder - zwartbont: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1990	10	95.9	97.2	10	-3.2	61.1	0	0.0
1991	14	96.9	99.2	15	-4.8	100.2	0	0.0
1992	12	96.9	99.6	13	-5.3	128.4	0	0.0
1994	13	98.5	99.9	14	-5.3	122.0	0	0.0
1995	14	95.9	98.1	14	-5.3	92.0	0	0.0
1996	16	96.2	99.1	16	-5.3	94.9	0	0.0
1997	28	96.5	99.1	28	-5.8	97.4	0	0.0
1998	12	94.5	96.8	12	-5.7	86.2	0	0.0
2000	19	96.4	99.4	17	-6.4	141.2	0	0.0
2001	12	96.2	98.7	8	-5.4	91.5	2	88.0
2002	11	98.4	101.5	8	-6.2	142.8	0	0.0
2003	15	97.7	101.7	14	-5.8	105.9	0	0.0

Tabel: 180 Lakenvelder - roodbont: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1988	11	-1162.9	-57.8	-53.6	-54.3	-12.6	-20.2	-1.4	-357.6
1989	10	-1100.7	-54.8	-48.3	-51.7	-12.0	-14.2	-2.1	-328.7
1990	11	-1280.3	-63.5	-54.8	-59.8	-14.2	-14.9	-1.6	-376.5
1992	17	-1791.7	-90.3	-73.2	-83.2	-23.3	-15.3	-1.7	-515.0
1994	16	-1692.1	-86.4	-70.9	-78.8	-24.5	-18.6	-1.8	-495.9
1996	13	-2186.8	-110.9	-88.8	-101.2	-33.2	-20.1	-1.1	-627.5
1997	19	-2232.3	-105.0	-87.8	-103.1	-12.1	-12.7	-0.8	-611.5
1998	22	-1725.4	-81.2	-72.6	-80.1	-8.9	-18.5	-1.5	-492.3
1999	13	-2020.7	-98.8	-78.1	-93.5	-21.5	-7.8	-1.3	-555.8
2000	28	-2188.0	-111.6	-89.5	-99.5	-34.1	-20.3	3.1	-631.0
2001	10	-1906.5	-96.0	-78.0	-84.2	-25.9	-16.8	10.0	-546.6
2002	15	-1956.5	-104.9	-82.3	-88.5	-41.4	-23.3	3.9	-584.3
2013	11	-2244.2	-123.8	-93.0	-101.3	-57.8	-24.3	4.5	-671.8

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

Tabel: 181 Lakenvelder - roodbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1988	13	99.9	102.6	98.5	100.6	98.7	96.9	94.3	100.5	98.9
1989	16	100.0	104.1	99.7	102.1	99.6	97.0	94.6	101.9	99.9
1990	30	100.1	103.7	99.5	101.5	99.4	97.0	93.2	101.7	99.8
1991	27	100.6	104.3	100.1	102.4	100.1	97.2	94.2	102.3	100.4
1992	40	100.9	104.4	100.3	102.5	100.3	97.2	93.3	102.4	100.6
1993	39	101.0	104.4	100.5	102.6	100.4	97.4	94.0	102.6	100.7
1994	51	100.7	103.8	100.1	102.0	100.0	97.3	93.0	102.0	100.2
1995	50	100.5	104.4	100.2	102.4	100.1	97.1	93.3	102.4	100.5
1996	65	100.6	104.6	100.2	102.6	100.2	97.2	93.4	102.4	100.6
1997	94	100.7	104.3	100.5	102.5	100.3	97.4	94.0	102.6	100.7
1998	121	101.1	104.1	100.5	102.4	100.5	97.5	93.0	102.5	100.7
1999	123	100.8	104.2	100.1	102.3	100.2	96.9	92.4	102.3	100.4
2000	159	100.1	104.6	100.0	102.4	99.9	96.5	93.0	102.3	100.2
2001	152	100.5	104.4	100.0	102.4	100.1	96.5	92.2	102.3	100.3
2002	155	100.2	104.2	99.7	102.0	99.7	96.0	91.3	101.9	99.8
2003	152	99.8	104.7	100.0	102.3	99.8	96.3	92.5	102.4	100.2
2004	156	100.0	104.0	99.5	101.6	99.6	95.8	91.1	101.7	99.7
2005	125	100.1	104.1	99.8	101.8	99.7	96.0	91.8	102.0	99.8
2006	105	100.7	103.5	99.7	101.6	100.0	96.1	90.5	101.6	99.8
2007	57	100.7	103.8	99.8	101.9	100.0	96.5	91.6	101.8	99.9
2008	62	100.7	103.5	99.7	101.6	100.0	96.3	91.0	101.7	99.7
2009	64	100.4	104.0	99.9	101.9	99.9	95.9	91.3	102.1	99.9
2010	66	100.7	103.5	99.7	101.5	99.9	96.0	90.7	101.6	99.8
2011	52	101.1	103.0	99.4	101.2	100.0	96.3	90.1	101.2	99.6
2012	55	100.8	103.1	99.3	101.2	99.8	95.9	89.6	101.3	99.5
2013	51	100.7	103.5	99.6	101.6	100.0	96.0	90.4	101.5	99.7
2014	48	100.4	103.6	99.5	101.4	99.7	95.7	90.3	101.7	99.6
2015	37	100.1	104.1	99.6	101.7	99.6	95.4	89.8	101.9	99.6
2016	32	100.7	104.0	100.1	102.1	100.2	96.3	91.3	102.2	100.2
2017	40	100.4	104.0	99.7	101.8	99.9	95.8	91.2	101.8	99.8
2018	34	100.4	103.5	99.5	101.5	99.8	95.6	90.6	101.5	99.5
2019	16	100.6	104.4	100.2	102.2	100.3	96.5	91.9	102.3	100.4
2020	20	100.7	104.5	100.5	102.7	100.5	96.5	92.3	102.8	100.5
2021	20	101.1	104.0	100.2	102.2	100.5	96.2	90.7	102.3	100.2

Tabel: 182 Lakenvelder - roodbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1988	11	-141.2	-357.6	-176.5	103.7	98.9	93.0	96.5	95.7	61.0
1989	10	-125.2	-328.7	-284.0	101.7	99.9	0.0	0.0	96.5	39.0
1990	11	-143.3	-376.5	-254.0	101.8	99.8	0.0	0.0	97.4	52.0
1992	17	-191.7	-515.0	-210.1	103.1	100.6	93.5	96.0	97.7	95.1
1994	16	-187.7	-495.9	-191.5	102.5	100.2	97.0	95.0	96.7	127.4
1996	13	-246.0	-627.5	-361.0	102.5	100.6	92.0	94.0	97.8	137.0
1997	19	-238.5	-611.5	-564.6	102.0	100.7	0.0	0.0	98.2	107.3
1998	22	-204.7	-492.3	-352.1	100.5	100.7	95.0	96.0	99.0	77.7
1999	13	-237.5	-555.8	-352.8	102.2	100.4	0.0	0.0	98.9	76.9
2000	28	-246.0	-631.0	-339.8	101.9	100.2	0.0	0.0	97.9	128.2
2001	10	-205.4	-546.6	-76.2	101.6	100.3	0.0	0.0	98.1	98.3
2002	15	-225.1	-584.3	-296.7	102.3	99.8	0.0	0.0	98.4	136.0
2013	11	-272.9	-671.8	-592.0	100.8	99.7	91.0	96.0	99.2	116.9

Tabel: 183 Lakenvelder - roodbont: Levensvatbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1995	15	97.5	99.1	97.5	99.1	98.0	100.9
1996	30	97.6	98.9	97.6	98.9	98.3	101.1
1997	37	97.4	99.6	97.4	99.6	98.2	101.3
1998	65	97.8	100.1	97.8	100.1	98.7	101.6
1999	58	98.1	99.6	98.1	99.6	98.7	101.4
2000	84	98.3	98.4	98.3	98.4	98.7	101.0
2001	73	98.0	99.0	98.0	99.0	98.5	101.2
2002	86	98.0	99.4	98.0	99.4	98.5	101.3
2003	118	97.7	99.0	97.7	99.0	98.2	100.9
2004	113	98.3	99.7	98.3	99.7	98.9	101.5
2005	106	98.1	99.6	98.1	99.6	98.7	101.4
2006	88	98.1	99.7	98.1	99.7	98.8	101.5
2007	43	97.9	99.2	97.9	99.2	98.6	101.3
2008	47	98.4	100.0	98.4	100.0	99.0	101.7
2009	44	98.1	99.7	98.1	99.7	99.0	101.5
2010	50	98.1	99.9	98.1	99.9	99.0	101.6
2011	41	98.5	99.8	98.5	99.8	99.3	101.6
2012	38	98.6	99.9	98.6	99.9	99.3	101.7
2013	39	98.4	99.8	98.4	99.8	99.2	101.6
2014	40	99.8	99.9	99.8	99.9	100.2	101.6
2015	31	101.1	100.2	101.1	100.2	101.3	102.2
2016	26	101.4	100.3	101.4	100.3	101.5	102.3
2017	25	101.2	100.0	101.2	100.0	101.5	102.1
2018	22	100.8	100.1	100.8	100.1	101.0	102.0
2019	11	100.8	100.3	100.8	100.3	101.3	102.1
2020	21	100.6	100.3	100.6	100.3	101.0	102.0
2021	16	100.9	100.5	100.9	100.5	101.2	102.2
2022	14	99.6	100.0	99.6	100.0	100.7	101.9

Tabel: 184 Lakenvelder - roodbont: Geboortekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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1992	13	99.1	103.2	99.6	98.3	97.0	90.3
1993	13	98.5	103.5	100.2	98.0	99.0	91.0
1995	11	100.5	103.4	98.5	100.0	97.5	91.5
1996	22	100.1	103.0	98.7	101.0	96.5	89.0
1997	25	99.7	103.7	98.8	100.0	97.0	89.2
1998	35	100.8	102.5	97.9	100.2	98.0	90.1
1999	30	99.6	103.2	99.0	99.0	97.2	89.9
2000	47	98.7	103.0	99.4	98.5	96.3	89.7
2001	44	98.6	102.8	99.5	98.8	96.5	89.3
2002	40	99.0	103.2	99.0	99.0	96.9	89.3
2003	58	99.1	103.0	98.9	99.0	97.4	89.4
2004	47	99.6	103.3	98.5	98.5	97.5	89.9
2005	53	100.2	102.9	98.0	98.9	97.5	89.8
2006	38	100.6	102.7	97.4	99.0	97.0	89.1
2007	39	100.2	102.3	97.8	99.1	97.2	89.1
2008	44	100.8	102.8	97.3	99.2	97.8	89.3
2009	44	100.7	102.8	97.2	99.0	97.8	89.2
2010	49	100.7	102.4	97.3	99.2	97.6	89.0
2011	39	100.8	101.9	97.3	99.3	97.4	89.1
2012	38	101.7	102.1	96.5	99.6	97.7	88.5
2013	38	100.6	101.9	97.5	98.8	97.8	89.3
2014	32	100.0	103.9	98.1	98.4	98.0	90.3
2015	22	100.0	105.6	98.4	97.4	97.9	92.2
2016	24	100.1	105.0	98.3	97.9	97.6	92.4
2017	23	99.0	103.8	99.0	97.8	97.9	91.0
2018	21	100.3	103.5	97.6	98.4	97.8	90.5
2020	17	99.6	103.1	98.6	97.8	98.1	91.4
2021	16	100.1	103.6	98.2	98.5	98.2	91.2
2022	19	99.1	103.4	99.2	98.5	97.5	91.4

Tabel: 185 Lakenvelder - roodbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1989	10	96.6	108.7	92.6	99.1	102.3	97.0	96.2	95.3	105.6	94.6	94.3
1990	21	95.9	107.8	93.0	98.2	102.2	97.0	95.6	95.5	105.3	94.4	93.7
1991	15	96.4	109.8	94.1	99.0	102.8	98.1	95.9	95.7	106.7	95.7	94.8
1992	28	96.2	108.3	93.0	98.2	102.6	97.3	95.6	95.8	106.0	95.2	93.5
1993	24	96.7	109.8	92.0	98.7	103.6	97.0	96.0	95.8	107.1	94.6	94.0
1994	42	95.5	107.3	93.1	97.3	102.4	97.2	95.3	95.4	105.4	95.1	92.6
1995	31	96.4	108.8	92.4	97.7	103.9	96.8	95.7	95.3	107.0	94.4	93.4
1996	44	97.0	110.0	90.9	99.1	104.5	96.2	96.5	95.5	107.2	94.0	94.1
1997	60	96.7	108.8	92.3	98.0	103.5	96.6	96.0	96.2	106.4	94.4	93.5
1998	82	96.6	107.9	91.4	97.3	103.7	96.0	96.0	95.9	105.9	94.0	92.8
1999	83	96.7	109.4	90.9	97.8	104.3	96.3	96.0	95.5	107.2	94.0	93.3
2000	108	96.2	109.3	91.1	96.8	104.5	96.4	95.3	95.5	107.2	94.2	92.2
2001	96	97.0	109.5	90.8	96.9	105.7	96.0	96.1	95.6	108.0	93.9	92.8
2002	101	97.2	109.9	90.6	97.1	106.1	95.9	96.5	95.0	108.3	93.8	93.2
2003	104	97.4	110.6	90.0	97.3	106.6	95.8	96.5	94.9	109.0	93.6	93.4
2004	106	97.0	109.4	89.3	96.6	106.1	95.1	96.2	95.0	108.4	92.4	93.0
2005	84	96.8	109.5	89.5	97.0	105.5	95.6	96.0	94.8	107.8	92.7	93.0
2006	59	96.6	109.6	89.6	96.6	105.9	95.6	95.9	94.4	108.2	92.9	92.6
2007	26	96.6	110.9	89.1	98.0	105.8	96.2	96.2	93.8	108.7	93.0	93.9
2008	28	96.5	108.9	89.2	96.5	105.4	95.7	96.0	94.2	107.8	92.5	92.8
2009	18	97.2	109.4	88.6	97.1	105.9	94.9	96.4	94.6	108.0	91.6	93.6
2010	31	96.4	109.1	89.0	96.9	105.4	95.1	96.0	94.1	107.8	91.8	93.3

Tabel: 186 Lakenvelder - roodbont: Kalvervitaliteit

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	16	99.6	98.0	101.4
1993	17	99.4	97.6	101.4
1994	18	99.8	98.0	101.5
1995	20	99.7	98.0	101.7
1996	41	99.7	98.0	101.5
1997	62	100.2	98.3	101.9
1998	86	100.1	98.3	101.9
1999	91	100.3	98.5	101.8
2000	123	100.4	98.6	101.8
2001	122	100.2	98.5	101.9
2002	118	100.1	98.4	101.7
2003	155	100.0	98.3	101.6
2004	158	100.1	98.4	101.6
2005	131	100.1	98.4	101.6
2006	125	100.1	98.4	101.8
2007	55	99.8	98.0	101.7
2008	62	100.0	98.3	101.8
2009	54	99.9	98.2	101.6
2010	64	99.8	98.0	101.6
2011	51	99.8	98.0	101.6
2012	50	99.9	98.2	101.9
2013	42	100.0	98.5	101.8
2014	43	101.2	99.5	102.1
2015	38	102.2	100.4	102.6
2016	37	102.2	100.4	102.6
2017	34	101.9	100.2	102.5
2018	27	102.1	100.3	102.5
2019	10	102.4	100.4	102.8
2020	21	102.0	100.1	102.6
2021	23	102.4	100.7	102.8
2022	15	101.5	99.8	102.3

Tabel: 187 Lakenvelder - roodbont: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	12	-2737.3	-10080.8	-474.3	-389.5

Tabel: 188 Lakenvelder - roodbont: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1988	10	97.1	97.6	11	-3.3	61.0	0	0.0
1989	0	97.3	97.3	10	-2.7	39.0	0	0.0
1990	11	97.5	97.6	11	-3.3	52.0	0	0.0
1992	17	97.9	99.6	17	-5.0	95.1	0	0.0
1994	16	97.4	100.2	16	-5.3	127.4	0	0.0
1996	13	97.1	100.0	13	-6.4	137.0	0	0.0
1997	19	96.1	99.1	19	-5.8	107.3	0	0.0
1998	22	97.4	98.6	24	-4.5	77.7	0	0.0
1999	13	95.8	99.3	11	-5.0	76.9	0	0.0

2000	28	95.4	98.6	24	-6.2	128.2	0	0.0
2001	10	98.1	98.9	7	-4.9	98.3	0	0.0
2002	15	96.9	100.2	11	-6.0	136.0	0	0.0
2013	11	99.3	101.0	7	-6.4	116.9	1	97.0

Tabel: 189 Lakenvelder - roodbont: Stofwisselingsaandoeningen

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2013	10	100.0	0	0.0	0	0.0	10	98.3

Tabel: 190 Blaarkop - zwartbont: Melkproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	67	-1531.3	-66.6	-59.7	-71.2	3.6	-6.4	-1.4	-406.1
1981	75	-1608.5	-68.5	-61.2	-74.8	6.3	-3.8	-1.6	-417.2
1982	99	-1678.6	-68.7	-61.3	-78.0	12.3	1.1	-1.4	-419.2
1983	121	-1641.5	-70.6	-61.6	-76.2	4.8	-2.1	-1.4	-423.7
1984	161	-1655.4	-70.5	-62.6	-76.9	6.9	-2.9	-1.5	-427.9
1985	170	-1646.6	-70.6	-61.8	-76.5	5.8	-1.9	-1.5	-424.8
1986	128	-1610.7	-69.1	-60.7	-74.9	5.4	-2.1	-1.5	-416.3
1987	112	-1655.4	-69.1	-61.8	-76.9	9.3	-1.1	-1.5	-421.5
1988	103	-1677.4	-69.8	-62.1	-77.9	10.2	0.2	-1.4	-424.6
1989	105	-1601.9	-63.2	-58.1	-74.4	17.4	2.4	-1.4	-393.5
1990	95	-1690.3	-70.5	-61.8	-78.5	9.7	1.5	-1.5	-424.8
1991	79	-1768.2	-79.6	-65.8	-82.1	-2.5	-0.7	-1.4	-461.6
1992	73	-1532.4	-66.3	-58.7	-71.3	3.7	-3.8	-1.5	-401.4
1993	89	-1451.6	-62.4	-55.6	-67.6	4.8	-3.1	-1.5	-379.3
1994	69	-1359.3	-56.9	-52.8	-63.3	8.0	-4.6	-1.5	-355.1
1995	69	-1262.4	-55.1	-48.7	-59.0	2.3	-3.7	-1.7	-333.3
1996	68	-1367.9	-59.4	-51.7	-63.8	3.0	-2.1	-1.6	-356.1
1997	54	-1115.8	-49.8	-43.3	-52.3	-0.1	-3.7	-1.7	-297.6
1998	61	-967.6	-45.3	-39.5	-45.4	-3.8	-6.6	-1.6	-270.6
1999	72	-1136.2	-49.4	-43.3	-53.1	2.6	-2.1	-1.6	-297.1
2000	53	-1244.5	-53.7	-45.0	-57.9	3.4	2.1	-1.1	-314.8
2001	69	-1172.9	-49.7	-43.7	-53.3	5.1	-0.5	1.3	-299.5
2002	58	-1042.1	-47.3	-40.6	-45.6	-1.3	-3.8	4.3	-279.6
2003	69	-1110.8	-47.2	-42.5	-49.9	5.1	-2.4	2.6	-288.2
2004	80	-914.3	-41.7	-37.0	-42.1	-1.5	-5.5	-0.1	-251.8
2005	86	-899.6	-41.5	-35.9	-42.1	-2.5	-4.6	-1.4	-247.1
2006	97	-940.3	-44.1	-38.5	-44.9	-3.4	-6.5	-2.8	-264.0
2007	78	-816.8	-40.4	-33.9	-37.8	-6.6	-6.3	-0.0	-235.2
2008	93	-835.0	-39.9	-34.3	-39.5	-4.1	-5.6	-1.6	-236.6
2009	124	-844.1	-40.5	-33.4	-40.0	-5.0	-3.7	-1.9	-234.3
2010	98	-806.1	-39.5	-32.5	-39.0	-6.1	-4.2	-3.3	-227.9
2011	114	-854.4	-41.2	-35.0	-40.5	-5.3	-6.0	-2.0	-242.5
2012	139	-864.9	-41.8	-33.9	-41.0	-5.5	-3.3	-2.1	-239.3
2013	96	-758.9	-36.5	-31.4	-36.4	-4.0	-5.5	-2.3	-216.3
2014	127	-848.5	-40.6	-33.7	-40.5	-4.6	-3.8	-2.6	-235.5
2015	128	-751.2	-36.4	-29.8	-35.9	-4.6	-3.1	-2.3	-209.3
2016	115	-744.5	-37.1	-29.5	-35.4	-6.3	-3.1	-1.8	-209.5
2017	112	-796.7	-37.5	-30.1	-38.7	-3.3	-0.9	-3.6	-213.7
2018	105	-775.4	-35.9	-30.4	-37.8	-1.7	-2.6	-3.7	-211.2
2019	111	-666.7	-32.5	-27.9	-32.6	-4.5	-5.3	-3.5	-192.5
2020	146	-722.2	-36.7	-29.1	-36.2	-7.7	-4.0	-5.3	-207.3



2021 69 -542.5 -24.6 -22.0 -28.2 -0.1 -2.8 -5.6 -150.5

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

Tabel: 191 Blaarkop - zwartbont: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	757	88.5	91.0	90.0	88.6	101.8	93.2	97.8
1981	774	88.6	90.8	89.8	88.3	102.0	93.1	97.9
1982	601	88.9	90.6	90.1	89.3	101.4	93.3	97.5
1983	365	88.8	90.1	89.7	89.0	101.3	92.8	96.9
1984	250	88.5	90.9	89.3	88.5	102.4	92.9	96.9
1985	149	88.9	90.5	89.7	88.9	102.0	92.9	97.1
1986	76	89.1	91.3	89.8	88.8	102.5	93.0	97.8
1987	42	90.2	91.1	90.1	90.0	101.7	92.9	97.9
1988	43	90.0	91.3	90.4	89.9	101.8	93.2	98.3
1989	37	90.0	90.7	90.6	91.1	100.5	92.9	98.1
1990	32	90.0	90.6	89.7	90.0	101.4	93.0	98.0
1991	21	90.4	90.6	90.3	90.5	101.9	92.9	97.2
1992	30	91.1	92.0	91.3	90.9	102.4	93.3	98.6
1993	32	91.8	90.1	91.0	91.7	100.8	93.3	97.9
1994	23	90.5	90.8	90.7	91.5	100.9	92.4	97.5
1995	26	91.8	91.3	91.5	91.5	101.8	93.4	98.6
1996	20	91.5	92.3	92.8	92.2	101.8	92.2	98.3
1997	18	91.6	93.4	92.7	92.1	102.0	92.7	100.1
1998	16	91.9	92.3	91.5	91.2	102.9	93.5	97.6
1999	23	91.9	91.7	91.3	91.6	102.0	93.6	99.3
2000	18	92.9	91.8	92.2	92.1	102.0	93.6	97.4
2001	25	92.2	92.6	91.8	91.4	102.8	92.4	97.8
2002	19	92.3	93.1	92.9	92.1	102.2	92.5	99.4
2003	23	92.3	92.2	92.3	91.8	102.2	93.6	98.0
2004	24	91.7	92.0	92.2	91.9	101.6	92.8	98.8
2005	30	91.6	92.4	92.8	91.9	101.9	93.1	98.6
2006	29	92.3	92.2	93.2	92.6	100.9	93.1	99.8
2007	39	91.7	92.3	92.2	91.9	102.0	93.4	99.3
2008	32	91.7	92.0	91.8	91.4	102.1	93.6	98.9
2009	39	91.6	92.9	92.2	91.5	102.9	93.5	99.7
2010	35	91.2	91.9	91.1	90.8	102.3	94.2	100.7
2011	35	92.3	93.4	92.3	91.6	103.7	93.8	99.4
2012	41	92.8	93.4	92.6	91.7	103.4	92.3	101.6
2013	33	91.9	93.3	92.7	92.1	102.9	92.7	100.9
2014	43	92.4	92.9	92.3	91.9	103.0	93.6	99.8
2015	33	93.9	94.9	93.7	93.0	103.4	93.1	102.0
2016	37	94.9	93.7	95.0	94.7	101.7	94.0	101.5
2017	40	93.7	92.9	93.9	93.6	101.7	93.0	101.3
2018	27	93.1	92.7	92.6	92.5	102.6	92.6	100.5
2019	38	94.4	93.1	93.6	93.4	102.3	94.2	100.9
2020	33	93.8	92.8	93.4	93.2	101.9	93.2	101.1
2021	14	94.2	93.2	94.1	93.9	102.2	93.6	101.6

Tabel: 192 Blaarkop - zwartbont: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	757	93.3	97.6	100.3	86.9	91.3
1981	774	93.2	97.1	101.0	86.9	91.1

1982	601	93.7	97.4	100.5	87.7	91.5
1983	365	93.9	97.5	100.6	87.7	91.8
1984	250	94.0	97.4	100.9	88.1	91.9
1985	149	94.5	97.1	100.7	88.1	92.3
1986	76	94.8	97.2	101.0	88.3	92.2
1987	42	95.0	97.3	101.0	89.0	92.3
1988	43	95.2	96.8	101.3	89.3	92.5
1989	37	95.8	97.9	100.6	89.8	93.1
1990	32	96.3	97.5	100.8	90.0	93.3
1991	21	96.3	96.4	101.2	91.1	94.0
1992	30	96.3	96.7	101.7	91.0	93.8
1993	32	96.8	96.4	101.8	91.3	94.3
1994	23	96.7	96.7	102.2	91.9	94.1
1995	26	97.1	96.7	101.5	91.7	94.4
1996	20	98.1	97.2	102.2	92.9	95.7
1997	18	98.6	96.9	102.9	92.8	95.7
1998	16	98.3	97.8	101.4	93.1	95.9
1999	23	98.7	97.6	101.9	93.4	95.8
2000	18	98.7	97.8	101.7	93.3	96.2
2001	25	98.2	96.8	101.5	92.6	95.8
2002	19	100.1	96.7	103.1	93.9	96.6
2003	23	99.6	95.8	103.0	93.8	96.9
2004	24	98.6	96.3	102.8	93.4	95.9
2005	30	98.7	97.7	101.7	94.0	96.2
2006	29	98.1	97.4	101.9	93.2	95.2
2007	39	98.8	96.7	102.3	93.8	96.3
2008	32	99.0	97.4	101.9	93.8	96.7
2009	39	99.7	97.5	102.1	94.5	97.9
2010	35	99.1	96.5	102.0	94.0	96.7
2011	35	99.4	95.7	103.3	94.5	97.2
2012	41	99.8	96.4	103.0	95.2	97.6
2013	33	100.4	97.0	102.5	95.1	98.1
2014	43	99.8	96.3	102.9	94.9	97.9
2015	33	99.9	96.8	102.8	95.4	97.8
2016	37	99.9	97.4	102.6	95.2	98.1
2017	40	99.6	96.9	102.4	94.1	97.7
2018	27	100.0	97.1	102.4	94.8	98.4
2019	38	99.9	96.9	102.6	95.3	98.3
2020	33	100.6	96.6	103.2	96.1	98.9
2021	14	100.6	96.8	102.7	95.7	99.4

Tabel: 193 Blaarkop - zwartbont: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1980	757	98.0	89.9	104.5	99.2	90.5	94.0	90.9	95.1
1981	774	98.2	90.0	104.5	99.3	90.9	94.2	91.1	95.3
1982	601	98.8	90.6	104.0	99.8	91.1	94.5	91.6	95.1
1983	365	98.1	90.2	103.7	99.2	90.2	94.2	91.2	94.6
1984	250	98.3	89.9	104.0	99.5	89.9	94.3	91.1	94.6
1985	149	98.2	90.6	104.0	99.2	90.0	94.4	91.5	94.5
1986	76	98.2	90.6	104.0	99.0	90.2	94.1	91.3	94.7
1987	42	98.4	90.3	104.7	99.1	90.9	93.7	90.8	95.3
1988	43	98.6	90.7	104.2	99.4	91.0	93.9	91.2	95.0
1989	37	98.1	91.7	103.9	98.6	90.9	93.8	91.6	95.1
1990	32	98.3	91.2	104.5	98.8	90.2	93.4	91.1	94.8
1991	21	99.7	92.1	105.3	100.1	91.7	95.4	92.9	96.2
1992	30	99.5	92.0	104.6	99.9	91.6	94.4	92.1	95.5
1993	32	99.4	92.2	102.9	100.0	91.4	94.6	92.2	95.2
1994	23	98.8	92.7	103.7	99.4	90.7	94.3	92.3	95.0

1995	26	99.4	92.3	103.6	100.2	91.2	94.2	92.0	95.2
1996	20	99.3	93.2	103.8	99.3	91.2	94.5	92.4	94.7
1997	18	99.4	91.9	104.1	99.7	92.0	93.5	91.4	95.7
1998	16	99.2	93.4	103.6	100.0	91.6	94.4	93.1	95.8
1999	23	99.7	93.1	104.6	99.9	91.5	94.1	92.7	96.0
2000	18	100.3	93.3	101.6	101.0	91.3	93.6	92.0	94.3
2001	25	99.6	92.3	104.4	100.5	91.0	94.4	92.3	95.8
2002	19	99.5	94.3	103.3	99.6	92.5	93.9	92.7	95.7
2003	23	99.9	94.0	102.9	100.5	92.0	94.6	93.1	95.9
2004	24	98.5	92.1	103.4	99.2	91.4	93.1	91.2	95.5
2005	30	98.5	92.5	104.3	98.6	91.2	93.2	91.7	95.2
2006	29	97.7	92.3	105.6	97.6	91.4	93.1	91.7	95.7
2007	39	99.3	92.7	103.8	99.7	91.4	93.5	91.9	95.6
2008	32	98.6	92.2	104.0	99.1	91.3	93.4	91.7	95.5
2009	39	99.3	92.8	104.0	99.5	91.6	93.6	91.9	95.6
2010	35	99.1	92.9	104.8	99.3	91.0	93.5	92.1	95.4
2011	35	99.7	93.7	104.0	100.0	91.5	94.7	93.3	95.9
2012	41	100.3	93.9	105.0	100.0	91.9	94.2	92.9	96.5
2013	33	100.0	93.4	105.2	99.8	92.0	93.5	92.1	96.3
2014	43	100.1	93.8	104.6	100.7	92.2	94.9	93.4	96.9
2015	33	100.1	95.0	104.1	100.5	92.7	95.3	94.3	96.8
2016	37	100.3	94.2	105.2	100.1	93.1	94.6	93.2	96.8
2017	40	100.6	94.3	104.4	100.4	92.8	95.1	93.6	96.0
2018	27	100.5	94.0	103.6	101.0	92.7	95.1	93.4	96.2
2019	38	101.4	94.5	104.4	101.4	93.2	94.7	93.3	96.2
2020	33	101.2	94.6	104.7	100.8	93.7	95.2	93.9	96.8
2021	14	100.0	94.4	106.4	99.1	93.3	95.1	93.4	97.4

Tabel: 194 Blaarkop - zwartbont: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	757	85.2	84.8	89.6	90.2	101.3	82.1
1981	774	85.1	84.7	89.9	90.0	101.8	82.0
1982	601	85.1	84.8	90.8	90.5	101.1	82.8
1983	365	84.1	84.7	89.8	90.9	100.3	82.3
1984	250	84.3	85.1	89.8	91.0	100.8	82.5
1985	149	84.5	85.2	89.9	91.4	100.7	83.0
1986	76	85.3	85.9	89.8	91.5	101.0	83.3
1987	42	85.7	85.9	89.8	91.6	99.5	83.4
1988	43	86.2	86.1	90.3	91.6	100.0	83.7
1989	37	85.8	86.0	89.9	92.4	98.5	84.0
1990	32	85.3	86.2	89.6	92.8	99.0	83.9
1991	21	85.3	86.6	92.0	93.2	99.3	85.5
1992	30	87.2	87.8	91.6	93.0	100.1	85.9
1993	32	86.3	87.2	91.6	93.7	98.0	86.0
1994	23	85.4	87.1	91.0	93.5	97.7	85.4
1995	26	87.4	87.8	91.4	93.9	99.2	86.3
1996	20	87.6	89.7	91.5	95.5	98.8	87.8
1997	18	89.0	90.1	91.1	95.7	99.8	88.3
1998	16	87.3	88.6	92.1	95.6	99.3	87.9
1999	23	87.9	89.0	91.8	96.0	99.1	88.2
2000	18	87.8	89.0	92.1	96.0	99.0	88.4
2001	25	87.3	89.1	91.5	95.3	99.8	87.4
2002	19	88.8	90.4	92.3	96.7	99.4	89.4
2003	23	88.0	89.6	92.6	96.7	99.2	89.2
2004	24	87.7	89.0	90.4	95.6	98.9	87.3
2005	30	88.1	89.5	90.2	95.8	99.3	87.5
2006	29	89.0	89.6	89.6	94.8	98.8	86.7
2007	39	88.2	89.9	91.1	96.0	99.4	88.1

2008	32	87.9	89.4	90.5	96.4	99.2	88.0
2009	39	88.7	90.8	91.2	97.7	99.7	89.6
2010	35	88.4	89.5	90.7	96.3	99.5	88.1
2011	35	89.3	91.1	92.3	96.9	100.5	89.7
2012	41	90.0	91.8	92.2	97.3	100.5	90.2
2013	33	89.3	91.9	91.6	98.2	100.0	90.4
2014	43	89.1	91.1	92.8	97.7	100.0	90.4
2015	33	91.5	93.8	93.7	97.8	100.7	91.8
2016	37	92.1	93.1	93.1	98.0	99.5	91.8
2017	40	90.7	91.9	93.4	97.4	99.2	91.0
2018	27	89.3	91.6	93.5	98.3	99.4	91.3
2019	38	91.0	92.2	94.1	98.1	99.7	91.8
2020	33	90.4	92.2	94.2	98.7	99.3	92.2
2021	14	91.3	93.3	92.7	99.4	99.1	92.3

Tabel: 195 Blaarkop - zwartbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	1996	103.4	101.5	101.2	102.1	102.4	102.3	90.8	101.5	102.1
1981	1974	103.5	101.4	101.2	102.1	102.5	102.3	90.6	101.5	102.2
1982	1569	103.6	101.6	101.5	102.3	102.8	102.2	90.4	101.7	102.3
1983	973	104.2	101.1	101.4	102.2	103.1	102.6	90.2	101.4	102.4
1984	693	104.1	101.1	101.3	102.2	103.0	102.7	90.4	101.4	102.4
1985	445	104.3	100.8	101.3	102.1	103.1	102.9	90.0	101.3	102.4
1986	310	103.8	100.8	101.0	101.8	102.8	102.4	89.7	101.1	102.1
1987	180	104.4	100.7	101.4	102.0	103.5	102.5	89.7	101.3	102.5
1988	147	104.1	100.4	101.0	101.7	103.1	102.1	89.3	100.9	102.0
1989	124	103.8	100.6	101.0	101.7	103.0	101.7	88.9	100.9	102.0
1990	116	104.3	100.5	101.4	101.8	103.4	102.1	89.2	101.1	102.3
1991	98	104.1	101.0	101.6	102.2	103.4	102.1	88.8	101.5	102.5
1992	97	104.2	100.7	101.6	102.0	103.6	102.5	89.7	101.3	102.6
1993	116	103.9	101.3	101.7	102.5	103.8	102.6	90.1	101.7	102.8
1994	86	104.1	101.1	101.9	102.6	104.0	102.8	91.0	101.7	103.0
1995	91	103.7	101.1	101.6	102.3	103.6	102.2	90.5	101.6	102.6
1996	96	103.3	101.1	101.4	102.1	103.2	102.1	90.8	101.4	102.4
1997	77	102.5	101.0	100.8	101.6	102.5	101.3	90.8	101.1	101.7
1998	73	102.4	100.9	100.6	101.6	102.4	100.9	91.1	100.9	101.5
1999	96	102.5	101.1	101.0	101.8	102.7	100.8	91.2	101.2	101.8
2000	78	101.9	101.1	100.6	101.4	102.1	100.5	91.0	100.9	101.3
2001	94	102.4	101.1	100.9	101.6	102.6	100.8	90.1	101.1	101.7
2002	72	103.3	100.3	101.0	101.5	103.1	102.1	91.4	100.7	102.0
2003	94	102.5	101.2	101.1	102.0	102.9	101.1	91.7	101.3	101.9
2004	106	102.8	100.9	101.1	101.9	103.0	101.3	91.9	101.2	101.9
2005	110	103.2	100.7	101.3	101.9	103.3	101.8	92.2	101.2	102.2
2006	140	103.4	100.6	101.5	102.0	103.5	102.0	92.1	101.2	102.4
2007	123	103.3	101.0	101.6	102.3	103.5	101.8	92.3	101.5	102.4
2008	126	103.3	100.9	101.6	102.2	103.5	102.1	92.5	101.5	102.4
2009	158	103.4	100.8	101.7	102.2	103.6	102.4	92.8	101.4	102.6
2010	128	103.3	101.3	102.0	102.6	103.8	102.5	92.9	101.9	102.9
2011	160	103.1	101.6	101.9	102.7	103.7	102.1	92.7	102.0	102.8
2012	198	103.5	101.6	102.3	102.9	104.1	102.4	92.9	102.2	103.2
2013	130	103.9	101.7	102.5	103.2	104.5	102.2	92.5	102.4	103.3
2014	179	103.5	102.1	102.6	103.4	104.3	102.2	92.7	102.8	103.5
2015	184	103.0	102.0	102.2	103.2	103.9	102.0	93.5	102.4	103.0
2016	182	103.3	101.2	102.1	102.6	103.9	102.0	93.8	102.0	102.9
2017	175	102.8	101.6	101.9	102.6	103.5	101.7	94.0	102.0	102.6
2018	179	102.9	101.5	102.1	102.7	103.6	101.7	94.3	102.1	102.7
2019	176	102.7	101.1	101.7	102.2	103.3	101.8	94.4	101.7	102.4
2020	210	102.8	101.4	101.9	102.5	103.5	102.0	94.9	101.9	102.7

2021	101	102.7	101.1	101.8	102.3	103.4	101.9	94.8	101.7	102.5
2022	19	102.1	102.1	101.8	102.7	102.8	102.3	94.5	102.2	102.6

Tabel: 196 Blaarkop - zwartbont: Gebruikskennmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	20	97.6	94.7	94.5	100.1	101.3
1981	17	97.9	94.3	94.2	99.7	100.9
1982	23	99.3	95.9	93.4	99.1	100.1
1983	28	99.1	94.1	94.1	99.7	100.9
1984	23	98.7	93.9	94.3	99.8	100.6
1985	23	99.3	94.5	94.1	99.9	100.6
1986	14	99.0	94.9	93.6	99.3	99.6
1987	12	100.5	95.9	93.0	98.6	98.8
1988	13	100.6	96.9	92.7	98.4	99.2
1989	16	100.0	95.9	92.8	97.9	99.3
1990	14	100.2	96.4	93.0	98.2	99.1
1991	15	97.8	94.8	93.1	99.1	99.2
1992	29	98.9	95.9	93.6	98.7	99.2
1993	27	98.3	95.5	93.6	98.7	99.5
1994	23	99.9	95.1	93.3	97.9	99.6
1995	27	99.3	96.2	93.6	98.0	99.3
1996	20	97.9	95.6	93.4	98.7	99.8
1997	18	99.7	94.6	93.3	98.0	99.2
1998	14	98.4	95.4	93.9	98.1	99.8
1999	22	98.1	95.9	93.2	97.5	99.2
2000	17	99.4	95.9	93.2	97.8	98.8
2001	24	97.9	96.1	94.0	98.2	99.1
2002	18	98.3	95.6	92.8	96.5	97.4
2003	22	97.1	96.1	94.9	98.6	99.0
2004	22	98.0	96.4	93.6	97.3	98.2
2005	28	97.2	95.4	94.0	97.3	98.3
2006	28	97.6	96.6	93.2	96.7	97.7
2007	37	97.9	95.7	93.5	97.0	98.1
2008	30	97.8	94.2	93.5	96.7	97.9
2009	38	98.5	93.9	93.5	96.8	97.9
2010	35	99.0	95.8	93.9	96.9	97.9
2011	32	97.3	94.9	93.8	97.0	97.9
2012	37	98.9	96.0	93.9	96.8	98.1
2013	29	98.5	94.9	94.2	97.1	98.2
2014	40	98.2	94.9	93.9	97.1	98.0
2015	27	97.2	96.1	94.2	97.5	98.3
2016	34	98.8	95.6	93.7	97.0	97.8
2017	36	97.7	95.4	93.9	96.8	97.7
2018	23	98.8	95.5	94.5	97.4	98.2
2019	30	98.4	94.3	94.2	97.2	98.0
2020	45	98.4	95.6	94.7	97.3	98.0

Tabel: 197 Blaarkop - zwartbont: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	67	-187.4	-406.1	-136.6	100.9	102.1	89.6	90.2	97.8	0.0
1981	75	-194.4	-417.2	-157.7	100.5	102.2	89.9	90.0	97.5	0.0
1982	99	-196.0	-419.2	-150.2	99.6	102.3	90.8	90.5	97.5	0.0

1983	121	-203.9	-423.7	-152.1	100.5	102.4	89.8	90.9	98.7	0.0
1984	161	-236.2	-427.9	-294.3	100.4	102.4	89.8	91.0	98.7	0.0
1985	170	-242.0	-424.8	-412.3	100.3	102.4	89.9	91.4	98.6	154.5
1986	128	-248.5	-416.3	-498.9	99.5	102.1	89.8	91.5	97.3	131.9
1987	112	-253.1	-421.5	-567.4	98.5	102.5	89.8	91.6	97.7	115.6
1988	103	-258.5	-424.6	-582.7	98.7	102.0	90.3	91.6	97.5	109.5
1989	105	-246.5	-393.5	-559.5	98.6	102.0	89.9	92.4	97.3	101.9
1990	95	-261.6	-424.8	-604.5	98.6	102.3	89.6	92.8	97.0	91.5
1991	79	-251.4	-461.6	-626.9	99.0	102.5	92.0	93.2	97.6	88.9
1992	73	-239.2	-401.4	-559.6	98.9	102.6	91.6	93.0	97.6	80.9
1993	89	-229.7	-379.3	-527.2	99.1	102.8	91.6	93.7	97.5	98.3
1994	69	-221.9	-355.1	-492.9	98.8	103.0	91.0	93.5	96.8	99.0
1995	69	-207.9	-333.3	-448.8	98.6	102.6	91.4	93.9	97.1	79.4
1996	68	-211.4	-356.1	-479.0	99.2	102.4	91.5	95.5	97.0	67.4
1997	54	-197.6	-297.6	-444.4	98.5	101.7	91.1	95.7	96.6	63.4
1998	61	-184.2	-270.6	-370.5	99.0	101.5	92.1	95.6	96.6	73.2
1999	72	-188.0	-297.1	-365.2	98.3	101.8	91.8	96.0	96.7	75.9
2000	53	-196.6	-314.8	-404.4	98.2	101.3	92.1	96.0	96.6	69.7
2001	69	-181.8	-299.5	-341.0	98.6	101.7	91.5	95.3	97.0	72.7
2002	58	-197.3	-279.6	-399.1	96.7	102.0	92.3	96.7	96.3	58.1
2003	69	-172.3	-288.2	-323.2	98.7	101.9	92.6	96.7	96.9	74.6
2004	80	-176.3	-251.8	-331.9	97.6	101.9	90.4	95.6	96.9	73.3
2005	86	-177.3	-247.1	-312.8	97.6	102.2	90.2	95.8	97.3	71.8
2006	97	-189.3	-264.0	-356.7	97.0	102.4	89.6	94.8	97.1	68.8
2007	78	-170.2	-235.2	-316.4	97.4	102.4	91.1	96.0	97.2	73.1
2008	93	-176.5	-236.6	-319.3	97.1	102.4	90.5	96.4	96.5	76.0
2009	124	-164.5	-234.3	-320.8	97.1	102.6	91.2	97.7	96.9	53.5
2010	98	-165.9	-227.9	-284.3	97.2	102.9	90.7	96.3	96.8	72.4
2011	114	-166.9	-242.5	-307.1	97.2	102.8	92.3	96.9	96.3	61.3
2012	139	-163.7	-239.3	-280.2	97.2	103.2	92.2	97.3	96.7	54.2
2013	96	-147.3	-216.3	-247.0	97.4	103.3	91.6	98.2	97.3	55.8
2014	127	-152.6	-235.5	-296.1	97.3	103.5	92.8	97.7	97.2	57.3
2015	128	-134.1	-209.3	-250.7	97.7	103.0	93.7	97.8	97.5	37.8
2016	115	-135.0	-209.5	-198.9	97.1	102.9	93.1	98.0	97.6	45.2
2017	112	-138.2	-213.7	-263.7	97.0	102.6	93.4	97.4	97.6	49.0
2018	105	-126.6	-211.2	-225.8	97.6	102.7	93.5	98.3	97.5	47.6
2019	111	-118.5	-192.5	-193.7	97.4	102.4	94.1	98.1	97.6	47.7
2020	146	-125.1	-207.3	-243.2	97.4	102.7	94.2	98.7	97.6	47.0
2021	69	-105.7	-150.5	-181.0	97.2	102.5	92.7	99.4	97.4	45.8

Tabel: 198 Blaarkop - zwartbont: Klauwgezondheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2002	11	94.7	97.8	97.0	98.0	97.0	94.5	97.8
2004	10	94.3	97.9	96.8	97.9	96.6	94.3	97.5
2005	15	95.9	98.1	98.3	98.9	97.0	95.2	97.6
2006	12	94.2	98.2	97.0	97.2	96.1	93.2	97.5
2007	14	97.0	99.6	98.1	99.5	98.6	96.3	99.2
2008	12	95.5	98.0	98.5	98.8	96.4	94.8	97.6
2009	20	97.8	99.8	99.3	100.0	98.0	97.0	99.1
2010	16	96.8	99.4	98.8	99.2	97.0	95.1	98.6
2011	13	97.1	99.5	98.2	98.8	98.4	96.2	99.8
2012	22	97.4	99.4	98.8	99.0	98.0	96.5	99.8
2013	15	96.6	98.7	98.1	98.9	97.9	96.5	99.3
2015	11	98.2	100.0	99.4	100.2	98.6	98.1	98.6
2016	16	97.0	100.8	97.2	97.9	99.1	95.8	101.1
2017	10	97.6	100.5	99.1	98.7	98.4	95.2	99.6
2018	11	98.7	100.7	99.1	99.5	99.2	97.2	101.1
2019	12	99.2	101.5	99.1	99.6	99.8	97.2	101.2

Tabel: 199 Blaarkop - zwartbont: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	24	94.9	99.6	94.9	99.6	95.8	101.9
1983	29	96.3	100.2	96.3	100.2	96.9	102.4
1984	28	96.6	100.3	96.6	100.3	97.2	102.3
1985	31	95.6	100.2	95.6	100.2	96.4	102.6
1986	35	94.7	99.1	94.7	99.1	95.5	101.5
1987	32	95.3	99.6	95.3	99.6	96.0	102.3
1988	35	95.5	99.1	95.5	99.1	95.9	102.0
1989	38	95.6	98.7	95.6	98.7	96.2	101.9
1990	49	96.1	98.8	96.1	98.8	96.3	102.1
1991	41	96.7	98.7	96.7	98.7	96.9	102.4
1992	59	97.1	99.1	97.1	99.1	97.3	102.5
1993	87	96.1	99.6	96.1	99.6	96.8	102.5
1994	104	96.3	99.0	96.3	99.0	97.0	102.0
1995	100	96.4	99.2	96.4	99.2	97.0	102.3
1996	106	96.4	99.2	96.4	99.2	97.2	102.1
1997	70	95.6	99.2	95.6	99.2	96.6	101.8
1998	78	95.7	99.1	95.7	99.1	97.0	101.5
1999	110	95.9	99.3	95.9	99.3	97.1	101.6
2000	98	96.3	99.0	96.3	99.0	97.5	101.3
2001	113	96.5	99.5	96.5	99.5	97.5	101.7
2002	86	95.4	98.9	95.4	98.9	96.3	100.8
2003	105	96.0	99.4	96.0	99.4	96.5	101.3
2004	133	96.4	99.3	96.4	99.3	97.2	101.9
2005	139	97.0	99.5	97.0	99.5	97.8	102.2
2006	171	96.8	99.5	96.8	99.5	97.6	102.1
2007	146	96.5	99.7	96.5	99.7	97.4	102.1
2008	161	96.0	99.3	96.0	99.3	96.7	102.1
2009	193	96.2	99.6	96.2	99.6	97.0	102.0
2010	174	96.3	99.4	96.3	99.4	97.2	102.2
2011	186	95.9	99.1	95.9	99.1	96.7	101.7
2012	238	96.0	99.3	96.0	99.3	96.8	101.9
2013	175	96.7	99.6	96.7	99.6	97.5	102.6
2014	222	96.7	99.5	96.7	99.5	97.7	102.4
2015	231	97.0	99.6	97.0	99.6	98.0	102.3
2016	234	96.5	100.0	96.5	100.0	97.6	102.5
2017	239	96.5	99.9	96.5	99.9	97.5	102.6
2018	283	96.7	99.7	96.7	99.7	97.6	102.5
2019	242	96.8	99.9	96.8	99.9	97.7	102.7
2020	279	96.9	99.8	96.9	99.8	97.8	102.7
2021	238	96.6	99.6	96.6	99.6	97.7	102.2
2022	251	97.2	100.0	97.2	100.0	98.1	102.8
2023	229	97.0	100.1	97.0	100.1	98.0	102.8
2024	30	97.0	100.2	97.0	100.2	97.7	103.3

Tabel: 200 Blaarkop - zwartbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	47	104.4	100.0	96.2	100.9	93.9	91.3
1981	34	104.6	100.5	96.1	101.7	92.7	89.0
1982	77	103.7	99.7	96.8	101.3	93.7	90.2

1983	122	102.8	99.6	97.6	99.7	93.8	91.3
1984	116	102.7	99.4	97.8	99.6	94.1	91.6
1985	83	103.1	99.1	97.4	99.9	93.1	91.0
1986	88	103.0	99.9	97.4	99.9	94.8	91.3
1987	39	102.5	99.5	97.9	100.8	94.3	90.7
1988	37	104.3	98.0	96.5	102.0	94.1	89.5
1989	35	104.7	98.0	95.9	101.6	93.2	89.3
1990	28	103.5	99.2	97.0	101.3	94.5	89.7
1991	25	103.6	100.2	96.9	100.6	94.2	90.5
1992	25	103.0	99.6	97.6	101.7	93.5	89.3
1993	26	103.2	99.6	97.3	99.9	92.6	91.4
1994	26	102.2	99.5	98.1	100.8	93.1	89.6
1995	17	103.8	97.8	96.6	100.7	94.3	90.8
1997	19	101.1	99.6	99.1	100.3	93.6	90.3
1998	26	102.1	99.5	98.3	100.2	94.1	91.2
1999	34	101.7	100.1	98.6	100.7	94.8	90.8
2000	23	101.3	101.5	99.0	100.1	95.5	91.9
2001	37	101.5	101.4	98.8	99.9	96.8	92.2
2002	29	102.4	98.1	98.0	101.0	95.8	90.9
2003	34	103.6	101.0	97.1	98.7	95.5	93.9
2004	52	103.1	99.8	97.4	99.3	95.2	92.8
2005	66	103.3	98.2	97.0	100.3	95.0	91.2
2006	71	102.9	98.2	97.4	100.1	95.2	91.6
2007	81	103.2	97.6	97.2	100.8	94.9	90.6
2008	85	102.1	98.2	98.1	101.0	94.9	90.5
2009	124	102.2	98.0	98.2	101.0	94.6	90.4
2010	103	102.6	98.3	97.8	101.0	94.4	90.4
2011	119	101.9	98.2	98.4	101.4	94.2	90.0
2012	149	102.1	99.1	98.1	100.5	95.3	90.9
2013	92	102.8	99.0	97.6	99.9	94.2	91.5
2014	121	102.7	98.6	97.6	99.8	94.2	91.3
2015	113	102.3	99.1	97.9	99.8	94.5	91.9
2016	135	102.3	98.8	98.1	100.5	94.5	91.4
2017	94	101.9	100.3	98.4	99.9	93.7	91.8
2018	133	102.1	99.9	98.2	99.4	93.2	92.0
2019	131	102.2	99.4	98.3	99.8	94.1	91.7
2020	94	101.4	100.7	98.9	99.3	94.3	92.5
2021	95	102.4	99.7	97.9	100.1	93.7	91.2
2022	118	102.4	99.5	98.0	100.3	93.9	91.3
2023	49	102.0	99.4	98.2	99.4	94.1	92.1
2024	19	101.2	99.7	99.0	100.1	94.5	91.7

Tabel: 201 Blaarkop - zwartbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	42	105.0	111.5	93.0	99.4	115.3	93.9	102.8	96.5	115.0	92.7	101.0
1981	38	105.5	112.3	93.1	99.7	116.1	94.1	103.2	96.5	115.3	93.1	101.1
1982	47	105.9	111.3	92.8	100.1	115.7	93.5	103.9	96.5	114.6	92.6	101.7
1983	65	104.3	110.7	94.6	99.3	114.0	95.0	102.1	96.9	113.9	94.5	99.7
1984	65	103.7	109.7	95.6	99.4	112.2	95.5	102.1	96.6	112.4	94.8	99.5
1985	62	104.1	109.6	94.7	99.1	112.9	94.6	102.4	96.9	112.7	93.8	99.7
1986	52	104.7	109.0	93.9	99.5	112.9	94.0	103.1	97.0	112.4	92.9	100.6
1987	38	105.3	109.6	93.9	99.1	114.4	93.7	103.3	97.4	113.4	92.6	100.7
1988	41	104.7	108.7	94.2	98.8	113.6	93.8	103.1	96.8	112.7	92.5	100.6
1989	51	103.9	109.5	94.1	99.0	112.6	94.6	101.7	97.7	112.7	93.3	99.8
1990	45	103.3	109.0	95.3	98.3	112.3	95.3	101.1	97.5	112.5	93.6	99.3
1991	48	103.2	109.5	94.3	98.6	112.1	94.8	101.0	97.8	112.5	93.3	99.2
1992	66	101.6	108.6	94.9	98.1	110.2	95.9	99.1	98.3	111.4	93.7	98.1
1993	81	102.6	107.6	94.6	98.0	110.6	94.8	100.6	98.0	110.7	93.4	98.1



1994	68	102.7	108.5	95.1	98.2	111.4	95.2	100.3	98.4	111.6	93.7	98.4
1995	64	102.4	108.4	95.8	98.1	110.7	95.7	100.1	98.4	111.4	94.3	98.4
1996	87	102.0	108.1	95.5	98.3	110.0	95.6	99.9	98.1	110.9	94.2	98.2
1997	71	102.5	108.2	95.0	99.1	110.2	95.6	100.6	97.8	111.0	94.0	99.2
1998	71	102.1	108.3	94.8	99.3	109.6	95.5	100.1	98.1	110.5	94.1	98.5
1999	98	101.8	108.3	93.8	99.4	109.2	95.5	99.9	98.0	110.3	93.6	98.5
2000	76	101.1	108.0	94.4	99.0	108.5	95.9	99.4	97.8	109.9	94.0	97.9
2001	88	101.8	108.9	94.8	99.2	109.5	95.6	99.9	97.7	110.7	94.1	98.3
2002	73	100.7	106.5	95.8	98.4	107.6	96.5	98.9	98.5	108.8	94.7	97.3
2003	84	99.9	106.5	96.3	97.8	107.3	97.0	98.2	97.6	108.9	95.0	96.7
2004	121	100.3	107.1	95.4	98.1	108.0	96.4	98.8	97.0	109.4	94.6	97.3
2005	113	100.2	106.1	96.3	97.7	107.2	96.5	98.8	97.6	108.5	94.7	96.9
2006	120	99.8	106.2	96.6	97.4	107.2	96.8	98.4	96.9	108.7	94.9	96.8
2007	96	100.4	106.6	96.1	98.1	107.6	96.5	98.8	97.5	108.8	94.6	97.3
2008	116	100.0	106.1	95.9	98.3	106.7	97.2	98.6	97.5	108.2	95.1	97.3
2009	115	100.1	105.8	96.2	98.4	106.5	97.1	98.6	97.9	108.0	95.0	97.3
2010	80	99.8	105.7	95.8	98.0	106.4	97.2	98.2	98.1	108.0	94.9	97.0
2011	80	100.2	106.3	96.0	98.2	106.8	97.1	98.3	98.3	108.5	94.8	97.2
2012	67	100.3	105.9	96.2	98.4	106.4	97.5	98.8	98.1	108.0	95.5	97.4
2013	44	100.4	106.1	96.0	98.5	106.5	97.3	98.6	98.7	108.4	94.8	98.0
2014	44	100.7	106.1	96.3	98.3	106.9	97.1	99.1	98.1	108.4	95.3	97.7
2015	32	100.8	106.2	96.4	100.0	106.1	97.7	99.2	98.8	107.5	95.4	98.9
2016	37	99.9	104.8	96.0	98.8	105.3	97.5	98.5	98.5	107.0	95.1	97.8
2017	38	99.8	105.7	95.2	98.6	106.1	97.2	98.2	98.2	107.7	94.5	97.7
2018	26	100.5	105.5	96.2	98.3	106.7	97.5	98.9	98.5	108.4	95.3	97.8
2019	36	100.6	105.7	96.0	98.8	106.4	97.4	98.8	98.4	108.0	95.2	98.2
2020	31	100.1	105.3	95.9	98.2	106.3	97.3	98.5	98.2	108.0	94.9	97.6
2021	12	99.8	105.2	96.0	98.2	106.1	97.5	97.8	98.7	108.1	94.8	97.6

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	23	95.7	94.6	99.9
1983	29	94.3	93.7	98.8
1984	25	93.1	92.7	98.0
1985	32	94.1	93.3	99.1
1986	34	95.1	93.9	99.7
1987	28	95.1	94.1	100.0
1988	30	95.0	94.1	100.0
1989	29	94.4	93.4	99.3
1990	41	93.6	92.6	98.9
1991	33	93.2	92.2	98.3
1992	55	93.2	92.4	98.3
1993	89	94.3	93.2	99.3
1994	102	93.5	92.3	98.9
1995	108	93.3	92.3	98.5
1996	111	93.2	92.3	98.5
1997	83	93.6	92.7	98.7
1998	86	93.7	92.6	98.6
1999	123	94.4	92.9	99.3
2000	111	93.5	92.1	98.7
2001	126	93.0	91.7	98.4
2002	91	92.2	90.8	97.9
2003	122	93.5	92.0	98.9
2004	157	93.2	91.7	98.8
2005	160	92.2	90.6	98.2
2006	196	92.1	90.4	98.1
2007	165	91.8	90.0	98.2
2008	182	91.8	90.1	98.2

2009	215	92.2	90.5	98.4
2010	174	91.6	89.9	98.1
2011	202	91.6	89.9	98.1
2012	245	92.4	90.7	98.6
2013	183	92.9	91.2	99.0
2014	219	93.0	91.3	99.3
2015	273	93.5	92.0	99.4
2016	253	93.9	92.1	99.7
2017	243	94.0	92.3	99.8
2018	299	94.1	92.3	99.9
2019	293	93.9	92.2	99.7
2020	289	93.8	92.0	99.8
2021	275	93.9	92.3	99.7
2022	287	93.8	92.2	99.7
2023	234	94.4	92.7	100.1
2024	24	94.8	93.0	100.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	69	-3425.0	-13923.6	-581.4	-490.1
2002	58	-3685.1	-14833.3	-630.0	-525.2
2003	69	-3300.3	-13364.8	-557.1	-473.8
2004	77	-3230.2	-12967.9	-548.5	-463.0
2005	86	-3117.1	-12526.5	-530.9	-446.0
2006	98	-3376.8	-13494.7	-575.8	-483.1
2007	80	-3116.9	-12407.8	-534.6	-444.2
2008	94	-3112.8	-12405.2	-532.1	-444.6
2009	125	-3121.7	-12508.9	-535.0	-445.0
2010	99	-2900.1	-11586.7	-496.9	-413.7
2011	115	-3096.8	-12375.9	-528.5	-442.7
2012	139	-2910.5	-11657.1	-499.9	-414.4
2013	98	-2665.0	-10599.2	-453.6	-381.7
2014	129	-2980.0	-11927.5	-510.3	-425.2
2015	128	-2670.0	-10687.9	-457.3	-380.8
2016	115	-2370.7	-9456.8	-408.0	-337.2
2017	112	-2739.8	-11060.6	-470.8	-389.8
2018	106	-2514.9	-10116.9	-428.9	-359.6
2019	111	-2304.8	-9170.7	-392.1	-330.5
2020	148	-2623.2	-10466.0	-451.7	-373.3
2021	70	-2100.8	-8506.0	-355.3	-301.9

Tabel: 204 Blaarkop - zwartbont: Robot / AMS kenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
2009	14	96.1	92.0	101.6	93.1
2012	13	95.9	92.5	100.5	91.7
2014	12	95.8	94.8	100.8	93.4
2017	15	94.4	95.2	101.0	92.1
2019	10	95.9	96.2	100.8	94.0
2020	26	96.8	95.7	100.5	94.4

Tabel: 205 Blaarkop - zwartbont: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	67	95.1	100.2	0	0.0	0.0	0	0.0
1981	75	95.6	100.1	0	0.0	0.0	0	0.0
1982	99	94.7	99.6	0	0.0	0.0	0	0.0
1983	121	95.6	99.6	0	0.0	0.0	0	0.0
1984	161	95.5	99.6	0	0.0	0.0	0	0.0
1985	170	95.4	99.8	144	-5.4	154.5	0	0.0
1986	128	95.4	99.3	82	-5.0	131.9	0	0.0
1987	112	94.5	98.9	59	-4.9	115.6	0	0.0
1988	103	94.4	98.9	55	-4.6	109.5	0	0.0
1989	105	94.3	98.5	42	-4.1	101.9	0	0.0
1990	95	95.1	99.0	42	-4.3	91.5	0	0.0
1991	79	94.5	98.3	42	-5.0	88.9	0	0.0
1992	73	95.1	98.6	42	-4.1	80.9	0	0.0
1993	89	93.8	98.6	36	-4.0	98.3	0	0.0
1994	69	94.1	98.6	24	-3.9	99.0	0	0.0
1995	69	95.2	99.4	31	-3.3	79.4	0	0.0
1996	68	94.4	98.7	26	-3.2	67.4	0	0.0
1997	54	95.2	98.5	22	-2.9	63.4	0	0.0
1998	61	94.8	98.8	17	-2.9	73.2	0	0.0
1999	72	94.5	98.3	27	-3.2	75.9	0	0.0
2000	53	95.0	97.8	24	-3.3	69.7	0	0.0
2001	69	96.0	99.1	31	-3.2	72.7	25	91.4
2002	58	95.4	98.2	24	-2.5	58.1	19	92.6
2003	69	96.7	99.7	26	-2.9	74.6	23	91.2
2004	80	95.8	99.0	30	-2.9	73.3	24	91.0
2005	86	95.7	98.7	32	-2.8	71.8	30	91.7
2006	97	95.5	98.6	33	-2.9	68.8	29	92.0
2007	78	95.7	98.7	44	-3.0	73.1	39	91.9
2008	93	95.6	98.5	34	-2.9	76.0	32	91.6
2009	124	96.3	98.6	52	-2.4	53.5	39	92.8
2010	98	95.6	98.7	39	-2.9	72.4	35	91.8
2011	114	95.6	98.9	38	-2.7	61.3	35	93.7
2012	139	95.0	99.1	43	-2.5	54.2	41	94.2
2013	96	95.7	98.9	36	-2.4	55.8	33	93.6
2014	127	95.7	99.0	49	-2.4	57.3	43	93.4
2015	128	96.0	99.1	38	-2.1	37.8	33	95.9
2016	115	95.9	99.1	39	-2.1	45.2	37	95.0
2017	112	95.9	98.7	56	-2.4	49.0	40	93.8
2018	105	95.9	99.2	41	-2.2	47.6	27	93.5
2019	111	96.2	99.0	48	-2.1	47.7	38	94.1
2020	146	95.8	99.1	50	-2.0	47.0	33	93.6
2021	69	95.5	98.1	16	-1.6	45.8	14	94.6

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1983	13	99.2	0	0.0	0	0.0	13	92.5
1984	10	99.2	0	0.0	0	0.0	10	92.8
1989	10	99.6	0	0.0	0	0.0	10	93.9
1995	13	99.2	0	0.0	0	0.0	13	92.2
1997	13	99.3	0	0.0	0	0.0	13	92.8
1998	16	99.3	0	0.0	0	0.0	16	91.9
1999	17	99.4	0	0.0	0	0.0	17	92.2

2000	13	99.5	0	0.0	0	0.0	13	93.2
2001	20	99.5	0	0.0	0	0.0	20	93.3
2002	21	99.6	0	0.0	0	0.0	21	94.1
2003	28	99.5	0	0.0	0	0.0	28	93.2
2004	35	99.3	0	0.0	0	0.0	35	92.3
2005	52	99.4	0	0.0	0	0.0	52	92.5
2006	37	99.5	0	0.0	0	0.0	37	93.1
2007	51	99.5	0	0.0	0	0.0	51	93.2
2008	68	99.4	0	0.0	0	0.0	68	92.6
2009	106	99.6	1	107.0	0	0.0	106	93.4
2010	88	99.5	0	0.0	0	0.0	88	93.2
2011	109	99.5	0	0.0	0	0.0	109	93.4
2012	129	99.5	0	0.0	1	97.0	129	93.1
2013	89	99.5	0	0.0	0	0.0	89	93.8
2014	116	99.7	0	0.0	0	0.0	116	94.1
2015	118	99.6	0	0.0	0	0.0	118	94.5
2016	105	99.6	0	0.0	0	0.0	105	93.8
2017	105	99.6	0	0.0	0	0.0	105	94.0
2018	91	99.6	0	0.0	0	0.0	91	94.6
2019	96	99.7	0	0.0	0	0.0	96	94.7
2020	126	99.7	0	0.0	0	0.0	126	94.7
2021	54	99.8	0	0.0	0	0.0	54	94.8

Tabel: 207 Verbeterd Roodbont: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	78	-1593.6	-68.8	-59.3	-74.0	4.1	-1.0	-1.5	-409.7
1981	60	-1621.2	-68.5	-59.3	-75.3	7.7	1.1	-1.4	-409.8
1982	113	-1605.4	-67.8	-58.7	-74.6	7.3	0.9	-1.5	-405.5
1983	116	-1630.7	-68.1	-60.1	-75.8	9.1	0.0	-1.5	-412.4
1984	131	-1624.5	-70.7	-61.2	-75.5	3.5	-2.5	-1.5	-422.1
1985	113	-1641.4	-70.8	-61.0	-76.3	4.6	-0.8	-1.5	-421.7
1986	144	-1586.8	-66.5	-58.9	-73.7	8.8	-0.4	-1.4	-403.1
1987	201	-1468.1	-61.3	-55.1	-68.3	8.4	-1.6	-1.6	-375.3
1988	184	-1574.4	-67.6	-58.7	-73.2	5.3	-0.9	-1.4	-404.6
1989	176	-1514.4	-64.0	-55.3	-70.4	7.0	1.3	-1.5	-382.3
1990	177	-1566.7	-67.2	-56.7	-72.9	5.7	2.6	-1.6	-395.5
1991	160	-1590.4	-68.1	-58.1	-73.9	5.5	1.2	-1.5	-403.6
1992	173	-1449.9	-60.5	-53.9	-67.5	8.1	-0.8	-1.6	-368.6
1993	165	-1502.7	-62.5	-54.8	-69.9	9.1	1.8	-1.5	-376.9
1994	158	-1297.2	-55.0	-49.0	-60.5	5.9	-1.7	-1.6	-334.7
1995	164	-1358.7	-56.2	-51.3	-63.3	8.8	-2.0	-1.5	-347.6
1996	133	-1225.8	-50.8	-46.0	-57.2	7.5	-1.2	-1.5	-312.4
1997	158	-1143.8	-49.7	-42.7	-53.5	2.8	-0.5	-1.6	-295.6
1998	206	-1082.4	-44.7	-40.3	-50.7	6.9	-0.3	-1.7	-274.3
1999	197	-1116.2	-46.9	-40.9	-52.2	5.7	1.0	-1.6	-281.9
2000	222	-1058.8	-46.5	-40.4	-49.5	1.6	-1.8	-1.4	-278.3
2001	203	-1045.6	-47.0	-39.8	-47.6	-0.2	-1.7	1.2	-276.2
2002	190	-995.4	-45.3	-38.8	-45.9	-1.4	-3.4	0.0	-268.2
2003	188	-995.0	-43.2	-38.1	-46.8	2.7	-2.1	-1.7	-260.9
2004	180	-840.9	-41.0	-33.7	-39.9	-5.7	-4.3	-2.1	-236.3
2005	155	-794.9	-38.4	-32.8	-39.2	-5.0	-5.7	-4.7	-226.9
2006	188	-730.2	-37.6	-30.0	-37.0	-8.1	-4.9	-5.8	-212.9
2007	181	-718.9	-35.7	-29.6	-35.6	-6.0	-5.0	-4.3	-207.2
2008	163	-783.5	-38.3	-30.8	-38.7	-5.2	-2.6	-4.4	-218.4
2009	187	-629.8	-31.5	-26.4	-31.9	-5.3	-5.0	-4.8	-184.1
2010	158	-682.0	-33.9	-27.2	-34.4	-5.4	-3.0	-5.1	-192.8
2011	183	-681.8	-36.0	-27.5	-34.8	-9.2	-3.6	-5.8	-198.9
2012	184	-680.1	-35.4	-27.1	-33.8	-8.1	-2.8	-4.1	-195.5

2013	221	-707.7	-35.3	-26.8	-35.8	-6.1	-0.7	-5.6	-194.7
2014	191	-746.8	-35.7	-28.3	-37.9	-3.8	-0.8	-6.0	-202.5
2015	178	-728.3	-34.9	-27.1	-36.9	-3.9	0.3	-6.0	-195.4
2016	158	-687.7	-35.0	-25.8	-35.5	-6.8	-0.1	-6.6	-190.0
2017	167	-659.5	-33.3	-25.0	-33.8	-6.0	-0.5	-5.9	-182.6
2018	114	-675.6	-32.4	-25.4	-34.7	-3.1	-0.1	-6.2	-182.4
2019	160	-610.1	-32.1	-24.1	-32.2	-7.8	-2.2	-7.1	-175.8
2020	140	-640.6	-30.6	-24.2	-33.0	-3.1	-0.5	-6.1	-173.2
2021	114	-592.9	-29.6	-22.1	-31.1	-5.2	-0.2	-6.6	-162.3

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

Tabel: 208 Verbeterd Roodbont: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	422	88.7	90.8	90.1	88.6	101.6	93.2	97.8
1981	343	88.8	90.3	89.8	88.5	101.5	93.0	97.7
1982	330	89.0	90.4	90.0	89.2	101.2	93.3	97.2
1983	222	88.7	90.6	89.6	88.5	101.9	92.7	97.6
1984	169	88.7	90.7	89.4	88.3	102.0	92.3	97.5
1985	111	88.4	90.9	89.6	88.5	102.4	92.5	97.4
1986	99	89.4	90.5	89.4	88.9	101.7	92.5	97.7
1987	104	89.5	90.8	89.7	89.1	101.8	92.6	98.4
1988	77	89.5	90.5	89.6	89.4	101.4	92.7	97.9
1989	75	90.2	90.1	89.9	90.1	100.9	92.7	98.5
1990	68	89.6	89.5	89.3	89.6	101.0	92.5	98.2
1991	58	90.0	90.6	90.0	90.3	101.6	93.1	98.1
1992	72	90.3	90.5	90.3	90.5	101.3	93.1	97.9
1993	75	90.6	90.6	90.7	91.2	100.9	93.2	98.0
1994	68	91.1	91.9	91.5	91.6	101.4	93.7	98.6
1995	74	90.6	91.4	90.5	90.7	101.7	92.6	97.9
1996	61	91.6	91.4	91.7	91.7	101.4	93.1	98.3
1997	63	92.4	92.0	91.9	92.0	101.4	92.7	98.4
1998	87	92.1	91.6	92.2	92.5	100.6	93.4	98.4
1999	74	93.0	92.1	92.9	92.8	101.0	93.3	99.0
2000	80	92.8	92.2	92.7	92.6	100.9	92.8	98.9
2001	81	92.6	92.1	92.7	92.6	100.6	92.1	99.2
2002	60	92.9	92.5	93.2	93.0	101.0	92.7	99.9
2003	68	93.2	92.6	93.1	92.8	101.3	93.0	99.1
2004	51	92.5	92.4	93.1	93.0	101.2	93.2	99.2
2005	52	93.3	92.1	93.3	93.5	100.5	92.5	100.5
2006	73	93.4	92.5	93.6	93.7	100.4	93.0	100.1
2007	69	93.4	92.8	93.8	93.5	100.8	93.2	100.5
2008	52	93.6	93.1	93.6	93.4	101.2	93.9	100.3
2009	62	94.3	93.4	94.6	94.7	100.0	93.4	101.6
2010	62	94.0	92.8	94.2	94.5	100.1	93.2	101.3
2011	67	93.8	93.2	94.0	94.0	100.8	93.3	101.1
2012	52	93.3	93.5	93.8	93.7	101.4	93.4	101.0
2013	58	94.4	93.2	94.6	94.5	100.8	92.8	101.6
2014	67	93.9	93.7	94.5	94.3	100.9	93.3	101.7
2015	61	94.7	93.7	94.5	94.2	101.3	93.4	101.2
2016	55	93.6	93.4	93.6	93.5	101.9	93.4	100.6
2017	47	94.1	93.2	94.1	94.1	101.6	93.6	101.4
2018	32	94.2	92.7	94.2	94.6	100.8	93.2	100.6
2019	41	94.7	93.3	93.9	94.3	101.5	93.6	101.3
2020	28	94.1	94.5	93.9	93.0	103.2	93.9	101.5
2021	17	94.6	93.6	94.9	95.2	101.0	93.6	102.5

Tabel: 209 Verbeterd Roodbont: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	422	93.0	97.3	100.5	86.6	91.1
1981	343	93.3	97.1	101.0	87.0	91.3
1982	330	93.5	97.1	100.7	87.4	91.4
1983	222	93.6	97.0	101.1	87.4	91.5
1984	169	93.8	97.1	100.9	87.5	91.7
1985	111	94.1	97.2	100.8	87.9	92.0
1986	99	94.5	96.7	101.3	88.2	91.9
1987	104	94.4	96.1	101.5	88.2	91.7
1988	77	95.5	96.1	101.9	89.1	92.9
1989	75	95.3	96.5	101.8	89.0	92.5
1990	68	95.6	95.5	102.4	89.5	92.6
1991	58	96.3	95.9	102.2	90.2	93.4
1992	72	96.5	95.9	102.1	90.1	93.6
1993	75	96.9	97.1	101.6	90.8	94.2
1994	68	96.9	96.9	102.7	92.3	94.1
1995	74	96.6	96.5	102.6	91.5	93.9
1996	61	97.6	96.4	102.5	92.0	94.8
1997	63	98.1	96.3	103.2	92.3	95.3
1998	87	97.2	97.5	101.9	92.0	94.4
1999	74	98.4	96.7	102.7	92.8	95.4
2000	80	98.9	96.4	103.5	93.4	95.9
2001	81	98.7	97.3	102.3	93.3	95.6
2002	60	98.7	97.3	102.6	93.5	95.4
2003	68	99.1	96.7	102.8	93.7	96.1
2004	51	98.5	96.6	102.7	93.4	95.8
2005	52	98.6	98.3	101.7	93.7	95.6
2006	73	98.6	97.9	102.2	93.8	95.7
2007	69	99.2	97.3	102.9	94.2	96.3
2008	52	99.0	97.2	103.2	93.9	96.3
2009	62	98.8	97.7	102.1	94.0	96.4
2010	62	99.0	98.4	101.8	94.1	96.8
2011	67	99.1	97.1	102.7	94.5	96.9
2012	52	98.9	97.2	102.8	94.3	96.6
2013	58	99.6	97.9	102.3	94.4	97.2
2014	67	99.0	98.1	102.1	94.5	96.5
2015	61	99.2	97.6	102.3	94.8	97.0
2016	55	99.5	98.0	102.1	95.0	97.4
2017	47	99.4	97.5	102.1	94.4	97.7
2018	32	99.7	98.0	101.8	94.3	98.0
2019	41	100.2	96.8	103.1	94.4	98.2
2020	28	100.0	97.3	102.5	94.8	98.1
2021	17	99.5	97.8	102.5	94.9	97.7

Tabel: 210 Verbeterd Roodbont: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1980	422	98.2	90.0	104.6	99.3	90.9	94.5	91.2	95.3
1981	343	98.6	90.3	104.6	99.6	90.9	94.5	91.4	95.2
1982	330	98.7	90.9	104.1	99.7	91.5	94.7	91.9	95.4
1983	222	98.4	90.9	104.1	99.5	90.6	94.8	91.9	94.9
1984	169	98.4	90.4	103.8	99.7	90.5	94.6	91.6	94.8
1985	111	98.3	90.6	104.0	99.3	90.1	94.7	91.7	94.7
1986	99	98.7	91.0	104.5	99.4	90.8	94.7	91.8	95.1

1987	104	98.9	91.1	104.6	99.6	91.4	94.3	91.6	95.6
1988	77	99.0	91.3	104.2	99.7	91.3	94.4	91.8	95.2
1989	75	99.5	91.7	104.8	100.0	91.6	94.2	91.8	95.6
1990	68	99.5	91.5	104.5	100.3	90.8	94.4	91.8	94.9
1991	58	99.5	92.2	104.3	100.1	91.0	94.6	92.2	94.9
1992	72	98.9	91.8	104.4	99.4	90.8	93.7	91.5	94.8
1993	75	99.0	92.5	103.7	99.3	90.8	93.8	91.8	94.6
1994	68	99.2	92.4	104.2	99.4	91.2	93.2	91.3	95.1
1995	74	99.1	91.9	103.6	100.1	90.5	93.5	91.4	94.6
1996	61	100.2	93.0	103.8	100.4	91.7	94.6	92.4	94.9
1997	63	99.1	92.9	104.4	99.7	91.8	94.4	92.5	95.7
1998	87	98.7	93.0	104.1	99.0	91.3	94.1	92.4	95.2
1999	74	99.2	93.4	104.4	99.3	91.8	94.1	92.3	95.5
2000	80	99.2	93.8	104.0	99.5	92.2	94.1	92.4	95.8
2001	81	98.7	93.4	104.8	98.9	91.9	93.5	92.1	96.1
2002	60	99.2	93.6	104.3	99.2	92.3	94.0	92.3	95.6
2003	68	99.6	94.6	104.4	99.6	92.8	94.7	93.3	96.3
2004	51	100.0	94.7	104.2	99.5	93.2	95.0	93.6	96.2
2005	52	99.7	94.4	104.9	99.2	93.3	95.0	93.4	96.3
2006	73	98.8	94.2	106.4	98.0	92.4	93.5	92.3	96.2
2007	69	99.4	94.2	105.2	98.9	92.9	93.9	92.6	96.2
2008	52	99.3	93.7	106.0	98.6	92.5	93.3	91.9	96.1
2009	62	98.8	94.0	105.1	98.0	93.0	93.2	92.0	96.0
2010	62	98.6	93.3	105.7	97.8	92.4	92.6	91.2	95.8
2011	67	99.3	94.0	105.3	98.7	93.3	93.8	92.1	96.4
2012	52	99.4	93.8	105.7	98.6	92.5	93.3	91.9	95.9
2013	58	99.4	94.2	106.2	98.7	93.3	94.3	92.7	96.7
2014	67	99.8	94.4	106.2	99.1	93.4	94.1	92.9	97.0
2015	61	100.6	94.5	105.9	100.2	93.8	94.7	93.1	97.1
2016	55	100.7	94.4	106.0	100.4	93.2	94.6	93.1	96.7
2017	47	100.2	93.9	105.6	99.6	93.4	95.1	93.1	96.4
2018	32	100.7	93.9	105.6	100.4	93.7	95.3	93.3	96.5
2019	41	100.6	94.0	104.8	100.6	93.5	95.1	93.2	96.4
2020	28	101.4	94.4	104.9	101.1	93.5	95.2	93.4	96.2
2021	17	101.3	94.9	105.1	100.8	94.8	96.4	94.7	96.8

Tabel: 211 Verbeterd Roodbont: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	422	85.2	84.5	90.2	90.0	101.3	82.1
1981	343	84.8	84.4	90.4	90.2	101.3	82.3
1982	330	84.8	84.5	91.0	90.4	100.9	82.7
1983	222	84.6	84.8	90.6	90.5	101.1	82.5
1984	169	84.4	84.9	90.3	90.7	101.2	82.6
1985	111	84.4	85.1	90.2	91.0	101.3	82.7
1986	99	84.6	85.0	90.6	91.0	100.2	83.0
1987	104	85.3	85.3	90.8	90.7	100.2	83.0
1988	77	84.9	85.7	91.0	92.0	99.7	83.9
1989	75	85.5	85.6	91.3	91.6	99.2	83.9
1990	68	84.5	85.3	91.2	91.7	98.8	83.7
1991	58	85.6	86.6	91.6	92.6	99.3	84.9
1992	72	85.7	86.8	90.5	92.8	99.0	84.7
1993	75	85.9	87.1	90.8	93.7	98.1	85.4
1994	68	87.4	87.9	90.7	93.8	98.7	85.9
1995	74	86.0	86.9	90.8	93.4	98.6	85.2
1996	61	87.2	88.0	92.2	94.4	98.6	87.0
1997	63	87.6	88.5	91.7	95.0	98.4	87.4
1998	87	87.7	88.1	91.0	94.2	97.8	86.5
1999	74	88.7	89.3	91.6	95.3	98.1	87.9

2000	80	88.4	89.3	91.9	95.8	98.2	88.3
2001	81	88.1	89.1	91.0	95.6	97.8	87.7
2002	60	89.0	89.8	91.7	95.4	98.5	88.2
2003	68	88.9	89.9	92.8	95.9	98.5	89.1
2004	51	88.8	89.7	93.2	95.5	98.4	88.8
2005	52	89.3	90.0	92.9	95.4	97.9	88.8
2006	73	89.7	90.3	91.1	95.6	97.8	88.3
2007	69	90.2	90.9	92.0	96.4	98.4	89.4
2008	52	90.4	90.9	91.2	96.4	98.5	89.1
2009	62	91.4	91.6	91.2	96.3	97.9	89.4
2010	62	90.8	91.4	90.4	96.8	97.5	89.1
2011	67	90.7	91.5	91.9	96.7	98.1	89.8
2012	52	90.7	91.4	91.3	96.4	98.3	89.3
2013	58	91.1	92.1	92.2	97.3	98.1	90.5
2014	67	91.3	92.0	92.4	96.5	98.4	90.1
2015	61	91.4	92.2	93.5	96.9	98.9	90.9
2016	55	90.4	91.9	93.3	97.5	99.1	91.0
2017	47	91.3	92.3	93.0	97.4	99.0	91.0
2018	32	90.6	91.8	93.7	98.0	98.2	91.5
2019	41	91.4	92.5	93.6	98.2	99.1	92.0
2020	28	91.7	93.2	94.2	98.1	100.5	92.3
2021	17	92.0	93.4	95.2	97.9	98.8	92.6

Tabel: 212 Verbeterd Roodbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	760	103.9	101.3	101.4	102.3	102.8	102.7	90.6	101.6	102.4
1981	653	103.7	101.4	101.3	102.2	102.7	102.4	90.5	101.5	102.3
1982	600	104.3	101.2	101.6	102.3	103.2	102.7	90.0	101.6	102.5
1983	436	104.3	101.1	101.4	102.3	103.1	102.9	90.1	101.4	102.5
1984	386	104.3	100.9	101.3	102.2	103.1	102.9	90.3	101.3	102.4
1985	281	104.6	100.5	101.2	102.0	103.3	103.6	90.1	101.0	102.5
1986	294	104.6	100.5	101.3	102.0	103.4	103.1	89.7	101.1	102.5
1987	300	104.9	100.1	101.4	101.9	103.7	103.0	89.7	100.9	102.4
1988	242	104.9	100.2	101.4	102.0	103.8	102.9	89.3	101.0	102.5
1989	214	105.2	100.0	101.7	101.9	104.0	103.1	89.6	101.0	102.7
1990	206	105.2	100.1	101.7	101.9	104.1	103.3	89.7	101.1	102.8
1991	213	105.2	100.4	102.1	102.4	104.5	103.2	89.9	101.5	103.1
1992	239	105.0	100.3	101.8	102.2	104.2	103.4	90.1	101.3	103.0
1993	220	104.9	100.5	102.0	102.3	104.4	103.5	90.4	101.5	103.1
1994	247	104.3	100.1	101.4	101.9	103.7	103.0	90.9	101.0	102.5
1995	229	104.5	100.4	101.7	102.1	104.0	102.8	90.4	101.3	102.8
1996	223	104.4	100.5	101.7	102.1	103.9	102.6	90.4	101.3	102.8
1997	267	104.2	100.1	101.5	101.8	103.7	102.6	91.0	101.0	102.5
1998	299	103.7	100.2	101.3	101.7	103.4	102.4	91.7	100.9	102.2
1999	289	103.2	100.7	101.2	101.9	103.2	101.9	91.5	101.1	102.2
2000	341	103.9	100.1	101.4	101.7	103.7	102.6	91.6	100.9	102.4
2001	293	103.5	100.3	101.3	101.7	103.5	102.3	91.6	100.9	102.3
2002	278	104.1	100.2	101.7	101.9	104.0	102.9	91.8	101.1	102.7
2003	267	103.3	100.4	101.2	101.8	103.3	102.1	92.1	100.9	102.2
2004	267	102.5	100.7	100.9	101.8	102.9	101.6	92.9	100.9	101.8
2005	216	103.8	100.0	101.4	101.7	103.8	102.5	92.4	100.8	102.4
2006	237	104.3	100.1	101.9	102.2	104.4	103.1	92.7	101.2	102.9
2007	253	104.0	99.9	101.6	101.8	104.0	102.8	92.7	100.9	102.6
2008	213	103.5	100.2	101.4	101.7	103.6	102.6	93.1	101.0	102.4
2009	242	103.2	100.0	101.2	101.5	103.3	102.7	93.7	100.7	102.2
2010	213	103.4	100.4	101.6	102.0	103.7	103.0	93.7	101.2	102.6
2011	216	103.6	100.4	101.7	102.1	103.9	103.2	93.6	101.3	102.8
2012	222	103.5	100.8	101.9	102.4	104.1	103.1	93.3	101.7	103.0



2013	265	103.5	101.2	102.1	102.7	104.2	103.1	93.4	101.9	103.2
2014	231	103.6	101.4	102.3	103.0	104.3	103.0	93.8	102.2	103.3
2015	243	103.3	101.1	102.0	102.6	104.0	102.8	93.8	101.8	103.0
2016	233	103.3	101.0	101.9	102.5	103.9	102.5	94.2	101.7	102.8
2017	214	103.4	101.0	102.1	102.6	104.0	102.3	94.1	101.8	102.9
2018	157	103.3	100.8	101.9	102.3	103.9	102.2	94.1	101.6	102.7
2019	229	102.9	101.0	101.8	102.4	103.7	102.2	94.4	101.7	102.7
2020	194	102.7	101.1	101.6	102.3	103.4	101.7	93.7	101.5	102.4
2021	143	103.2	100.7	101.9	102.3	103.9	102.2	94.3	101.6	102.7
2022	12	103.2	100.7	102.0	102.1	103.8	102.2	94.0	101.6	102.8

Tabel: 213 Verbeterd Roodbont: Gebruikskennmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	21	97.5	93.6	94.6	100.6	101.8
1981	19	97.2	93.8	95.1	100.3	101.2
1982	27	98.9	95.1	93.8	99.6	100.7
1983	32	99.2	94.9	94.4	99.9	100.5
1984	21	99.3	95.2	95.0	100.2	101.0
1985	24	99.0	95.0	94.4	100.0	100.4
1986	18	100.4	96.2	94.2	99.6	100.1
1987	25	100.4	97.2	93.5	98.7	98.9
1988	27	99.8	96.3	93.1	98.5	98.9
1989	27	100.1	96.3	93.5	98.6	99.1
1990	29	100.0	96.4	94.1	98.9	100.1
1991	28	99.4	96.8	92.8	98.1	99.3
1992	69	99.8	96.2	93.3	98.2	99.2
1993	75	99.9	96.6	93.3	98.0	99.4
1994	64	98.9	94.7	93.7	97.8	99.7
1995	72	99.5	95.6	93.3	97.7	99.1
1996	60	99.9	96.6	93.8	98.3	99.6
1997	60	99.6	95.8	93.5	97.8	98.9
1998	89	99.0	96.4	93.2	97.0	98.9
1999	64	98.9	96.0	93.3	97.0	98.7
2000	80	98.9	95.0	92.8	96.4	98.4
2001	78	98.2	95.2	92.8	96.7	98.5
2002	58	98.6	95.3	92.4	96.1	97.9
2003	67	98.6	94.9	93.5	96.8	98.3
2004	47	98.6	94.9	93.0	96.3	98.0
2005	45	98.4	95.6	92.6	95.9	97.3
2006	70	97.7	94.6	92.6	95.9	97.0
2007	67	97.7	94.8	92.6	95.5	96.9
2008	51	97.7	95.2	92.8	95.7	96.7
2009	55	97.8	94.6	92.7	95.3	96.1
2010	60	97.2	94.3	92.9	95.5	96.3
2011	64	97.8	94.8	92.8	95.5	96.9
2012	51	98.2	94.5	93.2	95.6	97.0
2013	49	98.7	95.6	92.7	95.4	96.5
2014	57	97.8	95.3	93.2	96.0	97.0
2015	56	97.7	95.1	93.6	96.2	97.6
2016	44	98.2	95.7	94.4	96.8	98.4
2017	34	99.2	94.9	94.1	96.5	97.7
2018	31	97.6	94.6	94.0	96.3	97.4
2019	32	98.0	94.8	93.6	96.2	97.0
2020	33	97.7	94.8	94.2	96.5	97.6
2021	11	98.5	94.8	93.8	96.1	97.1

Tabel: 214 Verbeterd Roodbont: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	78	-199.5	-409.7	-131.6	101.5	102.4	90.2	90.0	98.1	0.0
1981	60	-206.7	-409.8	-152.7	101.0	102.3	90.4	90.2	98.6	0.0
1982	113	-209.3	-405.5	-153.1	100.3	102.5	91.0	90.4	97.8	0.0
1983	116	-217.8	-412.4	-162.7	100.3	102.5	90.6	90.5	98.6	0.0
1984	131	-242.1	-422.1	-340.6	100.7	102.4	90.3	90.7	98.7	0.0
1985	113	-245.9	-421.7	-404.0	100.3	102.5	90.2	91.0	99.0	150.8
1986	144	-246.5	-403.1	-508.5	100.0	102.5	90.6	91.0	97.9	140.7
1987	201	-241.3	-375.3	-520.4	98.7	102.4	90.8	90.7	97.6	121.6
1988	184	-256.9	-404.6	-589.4	98.6	102.5	91.0	92.0	97.6	113.1
1989	176	-244.0	-382.3	-589.6	98.8	102.7	91.3	91.6	97.9	100.4
1990	177	-239.1	-395.5	-567.2	99.6	102.8	91.2	91.7	98.1	103.6
1991	160	-243.6	-403.6	-597.7	98.7	103.1	91.6	92.6	98.0	100.8
1992	173	-236.7	-368.6	-553.1	98.6	103.0	90.5	92.8	97.7	98.4
1993	165	-237.2	-376.9	-558.4	98.6	103.1	90.8	93.7	97.3	94.7
1994	158	-219.0	-334.7	-518.7	98.7	102.5	90.7	93.8	96.6	84.7
1995	164	-221.4	-347.6	-498.2	98.3	102.8	90.8	93.4	96.4	90.9
1996	133	-187.6	-312.4	-442.8	98.9	102.8	92.2	94.4	96.5	82.5
1997	158	-191.2	-295.6	-404.3	98.2	102.5	91.7	95.0	96.9	78.3
1998	206	-194.0	-274.3	-428.7	97.9	102.2	91.0	94.2	96.2	79.0
1999	197	-195.2	-281.9	-437.7	97.7	102.2	91.6	95.3	96.1	74.6
2000	222	-194.9	-278.3	-440.8	97.3	102.4	91.9	95.8	96.2	76.0
2001	203	-194.1	-276.2	-410.0	97.4	102.3	91.0	95.6	96.2	74.0
2002	190	-196.9	-268.2	-431.2	96.8	102.7	91.7	95.4	96.0	71.3
2003	188	-182.5	-260.9	-396.1	97.4	102.2	92.8	95.9	96.1	67.9
2004	180	-177.5	-236.3	-383.0	96.9	101.8	93.2	95.5	96.0	68.9
2005	155	-182.5	-226.9	-382.9	96.3	102.4	92.9	95.4	96.0	68.6
2006	188	-177.9	-212.9	-366.3	96.1	102.9	91.1	95.6	96.1	65.1
2007	181	-175.3	-207.2	-356.4	95.8	102.6	92.0	96.4	96.3	62.0
2008	163	-187.5	-218.4	-365.7	95.8	102.4	91.2	96.4	96.0	55.7
2009	187	-180.7	-184.1	-363.7	95.3	102.2	91.2	96.3	96.3	52.8
2010	158	-181.5	-192.8	-346.3	95.5	102.6	90.4	96.8	96.0	57.2
2011	183	-170.9	-198.9	-330.3	95.8	102.8	91.9	96.7	95.9	56.3
2012	184	-162.2	-195.5	-316.5	96.0	103.0	91.3	96.4	96.2	52.2
2013	221	-167.7	-194.7	-344.6	95.6	103.2	92.2	97.3	96.0	50.8
2014	191	-164.3	-202.5	-359.5	96.2	103.3	92.4	96.5	96.2	50.9
2015	178	-149.3	-195.4	-328.1	96.7	103.0	93.5	96.9	96.6	47.5
2016	158	-131.3	-190.0	-250.5	97.5	102.8	93.3	97.5	97.1	52.3
2017	167	-130.1	-182.6	-242.3	96.8	102.9	93.0	97.4	97.4	53.4
2018	114	-135.4	-182.4	-270.9	96.6	102.7	93.7	98.0	97.5	57.3
2019	160	-134.3	-175.8	-284.6	96.3	102.7	93.6	98.2	97.4	49.7
2020	140	-129.8	-173.2	-278.6	96.8	102.4	94.2	98.1	97.7	40.9
2021	114	-126.1	-162.3	-268.0	96.2	102.7	95.2	97.9	97.4	39.1

Tabel: 215 Verbeterd Roodbont: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	19	95.2	97.9	97.1	98.5	97.2	95.6	98.6
1998	37	95.6	98.1	97.8	99.0	97.0	95.3	98.1
1999	34	95.3	97.4	97.5	99.0	96.8	95.8	98.3
2000	34	95.0	97.3	97.0	98.7	97.0	95.5	98.8
2001	49	94.9	97.3	97.3	98.9	96.6	95.3	97.9
2002	33	94.8	97.6	97.2	98.1	96.4	94.8	98.3
2003	41	95.6	98.4	97.3	98.7	97.7	95.1	99.0

2004	31	95.4	97.5	98.0	98.7	96.7	95.3	98.0
2005	34	95.3	98.0	97.9	98.5	96.8	94.8	97.9
2006	58	94.8	98.1	96.9	98.0	97.0	94.3	98.4
2007	49	95.4	98.3	97.3	98.3	97.4	95.3	98.5
2008	37	94.7	97.7	96.8	97.9	97.1	94.8	98.8
2009	40	96.0	98.5	98.5	98.9	96.9	95.4	98.1
2010	48	96.3	98.8	98.2	99.2	97.5	96.0	98.4
2011	42	96.4	98.8	98.1	98.9	97.8	95.8	98.8
2012	34	96.9	99.3	98.5	98.9	98.1	96.0	99.2
2013	37	95.4	98.8	97.0	97.9	97.5	95.1	99.0
2014	39	95.8	98.2	97.8	98.5	97.3	95.8	98.6
2015	20	97.1	99.2	98.7	99.3	98.2	96.9	98.7
2016	18	96.4	99.1	98.1	98.7	97.8	95.8	98.8
2017	27	97.3	99.6	98.5	98.9	98.4	96.0	100.0
2018	18	96.2	99.1	98.0	98.3	97.6	94.5	99.4
2019	19	97.5	99.8	98.6	99.2	98.4	96.2	99.8
2020	14	96.3	99.4	97.9	98.1	97.7	94.4	99.9
2021	10	95.0	97.3	98.2	98.1	96.0	95.1	98.2

Tabel: 216 Verbeterd Roodbont: Levensvatbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	22	94.5	99.5	94.5	99.5	95.2	101.9
1983	19	95.8	100.4	95.8	100.4	96.4	102.3
1984	16	96.3	99.8	96.3	99.8	96.4	102.8
1985	13	95.4	100.3	95.4	100.3	95.8	103.1
1986	32	94.6	99.5	94.6	99.5	95.4	101.7
1987	51	94.5	99.4	94.5	99.4	95.3	101.7
1988	69	95.2	99.2	95.2	99.2	95.9	102.0
1989	74	95.8	99.1	95.8	99.1	96.1	102.1
1990	86	97.1	99.3	97.1	99.3	97.3	102.9
1991	101	96.5	99.2	96.5	99.2	96.7	102.6
1992	127	96.2	99.5	96.2	99.5	96.5	102.6
1993	164	96.2	99.5	96.2	99.5	96.8	102.3
1994	244	96.1	98.9	96.1	98.9	96.9	101.5
1995	210	96.2	98.6	96.2	98.6	96.8	101.7
1996	197	95.9	98.8	95.9	98.8	96.8	101.8
1997	241	96.1	99.3	96.1	99.3	96.9	102.0
1998	327	95.4	98.8	95.4	98.8	96.3	101.1
1999	325	95.4	98.8	95.4	98.8	96.5	100.9
2000	369	95.7	98.9	95.7	98.9	96.8	100.8
2001	346	95.5	99.0	95.5	99.0	96.8	100.7
2002	369	95.3	98.8	95.3	98.8	96.5	100.5
2003	381	95.0	99.2	95.0	99.2	96.3	100.8
2004	355	94.6	99.2	94.6	99.2	96.2	100.9
2005	312	95.1	99.0	95.1	99.0	96.3	101.0
2006	329	95.4	99.0	95.4	99.0	96.5	101.3
2007	319	95.6	99.2	95.6	99.2	96.7	101.4
2008	276	95.7	98.8	95.7	98.8	96.9	100.7
2009	323	95.8	99.1	95.8	99.1	96.8	100.8
2010	305	95.8	98.8	95.8	98.8	96.7	100.6
2011	299	95.6	98.7	95.6	98.7	96.5	100.5
2012	301	96.1	98.7	96.1	98.7	97.1	100.9
2013	335	96.0	98.5	96.0	98.5	96.9	100.7
2014	318	96.5	98.5	96.5	98.5	97.4	100.9
2015	346	96.5	98.8	96.5	98.8	97.6	100.9
2016	322	96.6	99.2	96.6	99.2	97.4	101.2
2017	326	97.0	99.5	97.0	99.5	97.8	101.5
2018	271	97.3	99.5	97.3	99.5	98.0	101.7

2019	300	96.9	99.6	96.9	99.6	98.0	101.5
2020	295	97.0	99.8	97.0	99.8	98.2	101.8
2021	295	97.0	99.5	97.0	99.5	98.1	101.4
2022	307	97.5	99.5	97.5	99.5	98.2	101.8
2023	271	97.6	99.7	97.6	99.7	98.4	101.8
2024	27	97.8	100.0	97.8	100.0	98.3	102.1

Tabel: 217 Verbeterd Roodbont: Geboortekennmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	47	105.5	100.0	95.4	101.5	92.0	88.8
1981	44	106.1	100.3	94.8	102.0	91.8	87.8
1982	75	105.6	98.8	95.3	102.1	93.3	89.4
1983	82	104.3	99.1	96.4	100.2	93.8	90.9
1984	88	104.3	99.2	96.4	100.6	93.4	90.4
1985	76	105.2	98.5	95.7	101.3	93.3	90.1
1986	61	105.0	98.2	95.9	101.8	93.9	89.8
1987	63	104.8	98.0	96.0	102.1	93.9	90.0
1988	54	106.0	97.1	94.8	103.0	93.9	88.8
1989	41	105.2	98.5	95.6	102.2	93.3	89.1
1990	47	104.5	99.5	96.1	100.7	94.6	90.7
1991	47	105.7	99.1	95.1	102.1	92.2	88.6
1992	51	104.5	99.2	96.2	102.2	92.4	88.6
1993	55	104.1	99.7	96.7	101.1	92.5	89.4
1994	61	103.0	98.9	97.5	101.4	93.3	89.4
1995	57	103.1	98.7	97.3	100.6	94.7	90.4
1996	52	102.3	100.0	98.1	100.1	94.7	91.0
1997	67	102.3	99.2	98.3	100.6	94.1	91.2
1998	95	102.0	99.5	98.4	100.6	93.9	90.2
1999	75	102.1	99.4	98.2	100.5	94.8	90.9
2000	100	101.4	99.1	99.0	101.2	94.6	90.2
2001	96	101.4	99.5	98.8	100.9	95.1	90.7
2002	90	101.4	99.2	98.8	101.0	94.9	90.5
2003	117	102.1	99.2	98.2	100.5	94.3	90.7
2004	111	102.2	98.9	97.9	100.7	94.0	90.1
2005	132	102.4	98.3	97.8	100.7	93.7	90.1
2006	123	102.6	98.0	97.7	100.8	93.8	90.1
2007	185	102.0	97.5	98.2	101.1	94.7	90.1
2008	150	101.6	98.0	98.7	101.4	95.2	89.9
2009	185	102.2	97.9	98.4	102.5	95.4	89.1
2010	175	102.2	97.2	98.3	102.4	95.3	89.1
2011	159	102.3	97.4	98.1	101.7	94.7	89.2
2012	184	102.3	97.8	98.0	101.4	94.6	89.4
2013	197	102.3	97.5	98.0	101.1	94.9	89.8
2014	166	102.6	97.3	97.7	100.9	94.4	90.2
2015	169	102.0	98.3	98.2	101.1	94.4	89.9
2016	169	102.0	97.9	98.3	101.2	94.0	90.0
2017	156	102.1	98.3	98.2	100.9	93.8	90.3
2018	134	101.9	98.7	98.3	100.6	93.6	90.0
2019	145	102.5	97.9	97.8	101.1	93.6	89.4
2020	112	102.3	99.1	97.9	100.5	94.1	90.3
2021	98	102.3	99.0	98.0	100.9	93.6	89.5
2022	134	102.9	98.9	97.5	100.7	94.6	90.4
2023	43	103.5	97.4	96.9	101.3	93.7	89.9
2024	18	103.0	97.7	97.6	100.9	94.1	90.6

Tabel: 218 Verbeterd Roodbont: Vleeskenmerken

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	39	105.3	111.6	93.3	99.4	115.5	93.6	103.1	96.6	115.0	92.8	100.9
1981	28	105.0	111.6	93.1	99.1	115.6	93.8	102.7	96.2	115.1	92.6	100.8
1982	69	105.6	111.2	93.3	99.3	116.0	93.5	103.5	96.2	115.0	92.6	101.2
1983	61	104.4	110.9	95.0	99.3	114.6	94.9	102.5	96.1	113.9	94.5	99.9
1984	49	103.7	109.6	95.8	99.1	112.6	95.7	102.1	96.2	112.5	95.0	99.6
1985	56	104.5	110.5	95.3	99.2	114.3	94.9	102.8	96.1	113.8	94.4	100.2
1986	58	105.1	109.8	94.2	99.3	114.7	93.9	103.5	96.2	113.5	93.0	100.7
1987	66	105.5	109.0	94.0	99.1	114.6	93.2	104.1	96.4	113.0	92.4	101.1
1988	73	104.7	109.2	94.2	99.0	113.9	93.8	103.0	96.8	112.9	92.6	100.7
1989	80	104.5	109.0	94.8	98.8	113.7	94.3	102.5	97.0	112.9	93.1	100.4
1990	96	103.7	109.2	94.6	98.1	113.3	94.4	101.7	96.8	112.9	93.2	99.4
1991	129	103.7	109.6	94.4	98.8	112.9	94.8	101.6	97.2	112.9	93.2	99.8
1992	145	103.0	109.1	95.0	98.3	112.3	95.2	100.8	97.2	112.4	93.6	99.0
1993	170	102.2	108.8	94.8	98.0	111.3	95.4	99.9	97.8	112.0	93.5	98.3
1994	204	102.3	108.3	94.9	98.4	110.7	95.3	100.0	98.4	111.3	93.3	98.6
1995	186	102.9	108.9	95.7	98.2	111.9	95.4	100.4	98.1	112.1	93.9	98.8
1996	191	102.8	108.3	96.0	98.1	111.2	95.4	100.5	98.4	111.5	94.0	98.8
1997	262	102.5	107.5	96.3	97.5	110.8	95.2	100.3	98.3	111.1	94.0	98.3
1998	304	102.2	106.9	96.1	97.9	109.9	95.7	99.9	98.9	110.3	93.9	98.2
1999	310	101.9	107.3	95.8	97.8	109.9	95.6	99.5	98.7	110.5	93.8	97.8
2000	335	101.5	106.8	96.4	97.5	109.4	95.7	99.2	98.7	110.0	94.1	97.4
2001	328	101.3	106.7	96.4	97.1	109.1	95.6	98.8	99.2	109.8	94.0	96.9
2002	341	101.2	106.3	97.0	96.6	109.0	95.8	98.4	99.7	109.7	94.2	96.6
2003	346	101.0	106.3	96.4	97.1	108.8	95.7	98.6	99.1	109.4	94.2	96.5
2004	308	101.0	106.0	95.8	97.7	108.3	95.7	98.8	99.0	108.8	94.1	96.8
2005	252	100.6	104.9	96.5	97.4	107.3	96.2	98.6	99.2	107.7	94.6	96.5
2006	254	100.9	104.4	96.7	97.5	107.2	96.3	99.0	99.4	107.3	94.9	96.7
2007	255	100.6	104.4	97.2	97.7	106.5	97.0	98.7	99.3	107.1	95.2	96.8
2008	190	99.5	104.7	96.6	98.1	105.6	97.7	97.7	98.9	107.1	95.0	96.8
2009	215	99.5	103.9	97.3	97.8	105.1	97.8	97.6	99.3	106.5	95.1	96.8
2010	167	99.8	104.2	96.7	98.0	105.3	97.9	97.6	99.9	106.9	95.0	97.1
2011	147	99.8	104.1	96.8	97.9	105.5	97.4	97.7	99.9	106.9	94.6	96.9
2012	111	100.1	104.1	97.2	97.7	105.8	97.2	98.0	99.7	107.0	94.8	97.0
2013	96	100.0	103.9	97.1	98.2	105.3	98.2	97.6	100.7	106.8	95.3	97.4
2014	86	100.0	103.8	97.4	98.0	105.4	97.9	98.0	100.0	106.6	95.2	97.2
2015	60	99.8	104.5	96.9	98.5	105.4	97.9	97.7	99.8	106.7	95.3	97.2
2016	55	100.3	105.2	96.0	98.8	106.2	97.5	98.3	99.5	107.5	94.9	97.7
2017	47	100.0	104.8	96.3	98.7	105.4	98.0	97.9	99.5	107.2	95.1	97.8
2018	32	99.8	104.7	95.7	98.5	105.5	97.4	97.8	99.2	107.0	94.6	97.3
2019	39	100.4	105.4	95.7	99.0	106.3	97.2	98.8	98.6	107.6	94.5	98.1
2020	27	100.5	106.7	95.4	99.6	106.8	97.1	98.6	98.7	108.4	94.7	98.4
2021	14	99.4	104.2	94.7	98.3	105.3	96.9	97.7	98.4	106.9	93.4	97.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	21	95.5	94.1	100.3
1983	19	94.2	93.3	98.8
1984	17	93.5	92.9	98.4
1985	11	94.8	94.1	99.5
1986	29	95.2	94.2	100.0
1987	44	95.8	94.7	100.2
1988	59	94.9	93.7	99.7
1989	63	94.3	93.1	99.3

1990	83	93.5	92.7	98.9
1991	86	93.7	92.7	99.0
1992	109	93.6	92.5	98.9
1993	165	93.3	92.2	98.6
1994	253	92.4	91.2	98.2
1995	242	93.0	91.9	98.5
1996	261	93.1	92.1	98.7
1997	325	93.1	92.2	98.6
1998	425	93.3	92.0	98.7
1999	419	93.3	92.0	98.7
2000	475	92.7	91.4	98.3
2001	450	93.3	91.8	98.8
2002	459	93.1	91.7	98.7
2003	493	93.5	91.8	99.1
2004	469	93.8	91.8	99.4
2005	376	92.7	90.9	98.5
2006	375	92.0	90.4	98.0
2007	371	91.6	89.8	97.9
2008	307	91.1	89.3	97.7
2009	357	91.0	89.3	97.4
2010	344	91.3	89.5	97.7
2011	332	91.2	89.4	97.7
2012	376	91.7	89.9	98.1
2013	377	91.6	89.8	98.0
2014	358	91.3	89.5	97.9
2015	379	91.9	90.2	98.3
2016	345	92.7	90.9	98.8
2017	319	92.9	91.1	99.0
2018	275	92.6	90.8	98.9
2019	311	92.9	91.3	99.0
2020	313	93.4	91.7	99.3
2021	316	93.2	91.6	99.3
2022	321	93.3	91.7	99.2
2023	293	93.6	91.9	99.3
2024	23	94.8	92.8	100.4

Tabel: 220 Verbeterd Roodbont: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	201	-3715.1	-14985.9	-636.2	-529.2
2002	189	-3804.7	-15319.4	-650.4	-542.7
2003	186	-3606.1	-14591.5	-614.3	-515.5
2004	181	-3469.8	-13883.0	-596.7	-493.7
2005	151	-3432.9	-13726.1	-588.3	-489.8
2006	188	-3299.1	-13166.4	-569.4	-468.8
2007	182	-3238.3	-12939.7	-556.6	-461.1
2008	163	-3326.7	-13355.3	-574.0	-472.3
2009	188	-3215.6	-12890.3	-552.1	-458.1
2010	158	-3146.1	-12643.2	-543.0	-446.7
2011	183	-3080.5	-12302.3	-534.4	-436.3
2012	184	-2993.4	-11979.0	-518.4	-424.3
2013	222	-3149.6	-12695.9	-545.6	-446.1
2014	192	-3250.5	-13116.7	-560.5	-461.7
2015	178	-3054.7	-12349.0	-527.4	-433.5
2016	159	-2596.3	-10425.4	-451.5	-367.1
2017	168	-2524.2	-10144.4	-438.3	-357.1
2018	113	-2692.1	-10880.6	-464.6	-382.2
2019	165	-2756.6	-11049.8	-478.4	-390.3
2020	141	-2716.4	-11011.8	-467.5	-386.1

2021 123 -2617.7 -10599.0 -453.3 -370.8

Tabel: 221 Verbeterd Roodbont: Robot / AMS kenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
2006	11	96.6	93.9	101.5	93.3
2009	13	95.7	92.9	100.8	91.8
2011	10	96.0	94.4	101.8	93.3
2014	15	96.7	94.5	100.7	94.0
2017	13	97.6	95.0	99.8	93.5
2020	16	96.6	97.1	101.5	95.9

Tabel: 222 Verbeterd Roodbont: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	78	95.6	100.2	0	0.0	0.0	0	0.0
1981	60	95.1	100.1	0	0.0	0.0	0	0.0
1982	113	94.8	99.6	0	0.0	0.0	0	0.0
1983	116	95.0	100.0	0	0.0	0.0	0	0.0
1984	131	95.2	99.6	0	0.0	0.0	0	0.0
1985	113	94.8	99.3	92	-5.3	150.8	0	0.0
1986	144	94.8	99.1	95	-5.0	140.7	0	0.0
1987	201	94.5	98.9	111	-4.5	121.6	0	0.0
1988	184	94.0	98.8	82	-4.5	113.1	0	0.0
1989	176	94.5	99.0	88	-4.2	100.4	0	0.0
1990	177	94.6	99.6	80	-4.3	103.6	0	0.0
1991	160	93.8	98.6	63	-4.3	100.8	0	0.0
1992	173	94.9	98.6	75	-4.0	98.4	0	0.0
1993	165	93.5	98.7	81	-4.0	94.7	0	0.0
1994	158	94.0	98.4	70	-3.4	84.7	0	0.0
1995	164	94.4	99.0	77	-3.7	90.9	0	0.0
1996	133	94.7	99.1	66	-3.4	82.5	0	0.0
1997	158	94.5	98.8	68	-3.0	78.3	0	0.0
1998	206	94.1	98.1	94	-3.0	79.0	0	0.0
1999	197	94.1	98.3	75	-3.0	74.6	0	0.0
2000	222	93.9	97.9	82	-3.1	76.0	0	0.0
2001	203	93.8	97.6	84	-3.0	74.0	81	91.6
2002	190	93.8	97.6	61	-2.8	71.3	60	92.3
2003	188	94.6	98.4	68	-2.6	67.9	68	92.4
2004	180	94.2	98.1	53	-2.6	68.9	51	92.1
2005	155	94.1	97.9	52	-2.5	68.6	52	92.2
2006	188	94.9	98.0	74	-2.5	65.1	73	92.5
2007	181	95.0	98.0	70	-2.4	62.0	69	92.9
2008	163	95.1	98.3	55	-2.3	55.7	52	93.5
2009	187	95.3	98.3	65	-1.9	52.8	62	93.6
2010	158	95.4	98.6	66	-2.1	57.2	62	92.9
2011	183	94.9	98.3	68	-2.2	56.3	67	93.4
2012	184	95.1	98.6	54	-2.1	52.2	52	93.8
2013	221	94.8	98.5	59	-2.0	50.8	58	94.0
2014	191	94.8	98.5	69	-2.1	50.9	67	94.1
2015	178	95.1	98.4	65	-2.1	47.5	61	94.4
2016	158	95.3	98.2	57	-2.1	52.3	55	93.9
2017	167	95.0	98.0	48	-2.2	53.4	47	94.2
2018	114	95.2	97.9	34	-2.2	57.3	32	93.3

2019	160	95.5	98.2	45	-1.9	49.7	41	94.3
2020	140	95.6	98.2	31	-1.9	40.9	28	95.6
2021	114	95.6	97.6	21	-1.5	39.1	17	94.9

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	19	99.6	0	0.0	0	0.0	19	93.9
1988	17	99.5	0	0.0	0	0.0	17	93.7
1989	14	99.6	0	0.0	0	0.0	14	93.6
1990	14	99.6	0	0.0	0	0.0	14	94.3
1991	10	99.7	0	0.0	0	0.0	10	94.4
1992	17	99.6	0	0.0	0	0.0	17	94.2
1993	23	99.5	0	0.0	0	0.0	23	93.5
1994	25	99.5	0	0.0	0	0.0	25	93.7
1995	27	99.5	0	0.0	0	0.0	27	93.9
1996	28	99.6	0	0.0	0	0.0	28	93.4
1997	43	99.3	0	0.0	0	0.0	43	92.9
1998	51	99.3	0	0.0	0	0.0	51	92.6
1999	41	99.3	0	0.0	0	0.0	41	93.0
2000	64	99.5	0	0.0	0	0.0	64	93.4
2001	62	99.5	0	0.0	0	0.0	62	93.7
2002	75	99.5	0	0.0	0	0.0	75	93.3
2003	69	99.5	0	0.0	0	0.0	69	93.4
2004	74	99.5	0	0.0	0	0.0	74	93.3
2005	67	99.5	0	0.0	0	0.0	67	93.6
2006	95	99.5	0	0.0	0	0.0	95	93.7
2007	118	99.5	0	0.0	0	0.0	118	93.9
2008	117	99.6	0	0.0	0	0.0	117	94.1
2009	140	99.6	0	0.0	0	0.0	140	93.9
2010	143	99.6	0	0.0	1	101.0	143	93.8
2011	173	99.6	0	0.0	0	0.0	173	94.3
2012	164	99.6	1	106.0	0	0.0	164	94.1
2013	193	99.7	0	0.0	0	0.0	193	94.9
2014	180	99.7	0	0.0	0	0.0	180	95.3
2015	166	99.8	0	0.0	0	0.0	166	95.5
2016	148	99.7	0	0.0	0	0.0	148	94.7
2017	156	99.7	0	0.0	0	0.0	156	94.8
2018	99	99.7	0	0.0	0	0.0	99	95.0
2019	147	99.8	0	0.0	1	99.0	147	95.3
2020	125	99.9	0	0.0	0	0.0	125	95.8
2021	107	99.9	0	0.0	0	0.0	107	95.8

Tabel: 224 Verbeterd Roodbont: Melkproductiekenmerken  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1989	14	-2059.7	-102.9	-78.8	-95.3	-26.8	-6.9	-1.0	-567.9
1990	20	-1921.2	-95.3	-77.2	-88.9	-22.2	-13.4	-1.1	-543.8
1991	21	-1765.3	-88.5	-71.5	-82.0	-21.6	-13.0	-1.8	-503.5
1993	10	-1763.7	-93.1	-70.7	-81.9	-31.7	-12.2	-1.5	-510.0
1994	10	-1872.2	-100.7	-76.3	-86.8	-38.5	-16.5	-1.4	-550.3
1995	10	-2398.2	-124.2	-92.6	-110.7	-44.3	-10.8	-0.8	-673.8
1998	16	-2368.6	-125.0	-90.8	-109.5	-50.9	-8.2	-1.1	-667.7
1999	16	-2061.5	-105.5	-78.4	-95.4	-34.0	-5.5	-1.2	-572.0



2000	15	-2137.7	-111.9	-82.1	-94.3	-40.5	-7.7	9.1	-600.0
2001	12	-2497.4	-128.2	-91.6	-106.1	-45.2	2.0	20.5	-676.8
2002	14	-2246.1	-118.6	-84.3	-98.4	-45.1	-3.3	12.9	-624.0
2004	12	-1977.8	-101.8	-75.8	-72.2	-31.9	-6.3	42.8	-546.4
2005	12	-2289.2	-121.3	-87.7	-100.2	-47.4	-7.9	12.1	-644.2
2006	18	-2238.4	-114.6	-82.9	-93.7	-36.3	-0.4	21.2	-608.8
2007	12	-1984.2	-107.5	-77.5	-86.8	-41.7	-8.1	10.2	-569.6
2009	11	-2277.0	-115.5	-85.0	-102.0	-35.0	-2.1	6.3	-621.8

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

Tabel: 225 Verbeterd Roodbont: Vruchtbaarheidskenmerken  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1989	56	95.0	104.0	96.4	100.8	95.1	102.1	106.8	99.9	98.4
1990	81	94.4	104.2	95.9	100.6	94.5	102.0	105.6	99.6	98.1
1991	95	93.7	104.7	95.7	100.6	94.1	101.1	104.9	99.8	97.8
1992	139	94.6	104.2	95.9	100.5	94.6	101.6	103.9	99.6	98.0
1993	149	95.3	104.0	96.3	100.8	95.3	101.9	104.4	99.8	98.4
1994	180	95.3	104.0	96.2	100.8	95.3	102.0	104.3	99.7	98.4
1995	192	94.7	104.5	96.1	100.9	94.9	101.8	104.3	99.9	98.3
1996	182	94.6	104.3	96.0	100.8	94.8	101.6	104.5	99.7	98.1
1997	220	95.0	104.4	96.3	100.9	95.1	101.8	104.0	99.9	98.4
1998	212	95.0	104.2	96.2	100.8	95.2	101.9	103.7	99.8	98.3
1999	280	95.3	104.4	96.5	101.2	95.5	102.2	104.3	100.1	98.8
2000	248	94.7	104.9	96.4	101.3	95.2	101.9	104.6	100.2	98.6
2001	258	95.8	104.7	97.1	101.8	96.2	102.7	104.4	100.6	99.3
2002	236	96.2	104.7	97.4	102.0	96.6	102.8	104.6	100.8	99.7
2003	244	96.5	104.5	97.6	102.0	96.8	102.8	105.0	100.9	99.7
2004	259	96.9	104.2	97.7	102.0	97.0	102.7	105.1	100.7	99.7
2005	264	96.3	104.2	97.2	101.6	96.5	102.6	104.0	100.4	99.3
2006	267	96.6	104.3	97.5	101.8	96.9	102.8	103.5	100.6	99.7
2007	271	96.6	103.9	97.1	101.5	96.6	102.5	103.6	100.2	99.3
2008	251	96.5	104.3	97.3	101.8	96.7	102.2	103.4	100.5	99.4
2009	269	96.4	104.0	97.1	101.5	96.4	101.8	103.3	100.3	99.1
2010	276	96.8	103.9	97.5	101.7	96.8	102.2	104.2	100.4	99.4
2011	232	96.7	103.6	97.2	101.3	96.6	102.0	104.3	100.1	99.1
2012	216	97.0	103.4	97.3	101.4	96.8	101.9	104.3	100.1	99.2
2013	226	97.2	102.9	97.1	101.0	96.7	101.9	104.0	99.7	98.9
2014	230	97.3	102.7	97.1	100.8	96.8	102.3	104.3	99.6	99.0
2015	185	96.4	102.8	96.6	100.5	96.0	101.3	104.6	99.3	98.4
2016	198	96.5	102.5	96.3	100.2	96.0	101.1	104.0	99.0	98.1
2017	183	96.6	102.6	96.6	100.4	96.1	101.3	104.7	99.2	98.3
2018	169	96.3	102.7	96.5	100.4	96.0	101.3	104.5	99.2	98.3
2019	150	96.0	102.6	96.2	100.1	95.6	100.9	104.7	99.0	97.9
2020	99	96.2	102.8	96.7	100.4	95.9	101.2	105.6	99.4	98.3
2021	74	96.9	102.5	96.7	100.4	96.5	101.4	104.3	99.3	98.5
2022	21	96.6	102.9	96.9	100.6	96.3	101.1	104.1	99.6	98.6

Tabel: 226 Verbeterd Roodbont: NVI met onderliggende kenmerken  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1989	14	-187.6	-567.9	0.0	101.0	98.4	0.0	0.0	0.0	0.0
1990	20	-190.8	-543.8	0.0	99.6	98.1	0.0	0.0	0.0	0.0
1991	21	-182.1	-503.5	0.0	100.3	97.8	0.0	0.0	99.0	0.0

1993	10	-200.1	-510.0	0.0	98.7	98.4	0.0	0.0	95.9	0.0
1994	10	-213.8	-550.3	0.0	98.5	98.4	0.0	0.0	95.5	0.0
1995	10	-256.1	-673.8	394.0	101.2	98.3	0.0	0.0	98.0	0.0
1998	16	-264.9	-667.7	339.0	100.0	98.3	0.0	0.0	96.0	0.0
1999	16	-202.1	-572.0	0.0	101.1	98.8	0.0	0.0	0.0	0.0
2000	15	-222.7	-600.0	365.0	100.9	98.6	0.0	0.0	99.0	0.0
2001	12	-249.1	-676.8	285.5	100.8	99.3	0.0	0.0	0.0	0.0
2002	14	-230.1	-624.0	0.0	100.2	99.7	0.0	0.0	0.0	0.0
2004	12	-212.0	-546.4	363.0	100.8	99.7	0.0	0.0	0.0	0.0
2005	12	-232.2	-644.2	417.0	100.3	99.3	0.0	0.0	0.0	0.0
2006	18	-228.3	-608.8	375.5	100.5	99.7	0.0	0.0	98.0	0.0
2007	12	-216.2	-569.6	362.0	99.1	99.3	0.0	0.0	0.0	0.0
2009	11	-231.0	-621.8	423.0	101.1	99.1	0.0	0.0	0.0	0.0

Tabel: 227 Verbeterd Roodbont: Geboortekenmerken  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	17	130.4	103.4	66.8	0.0	0.0	0.0
1991	11	126.1	103.5	70.1	0.0	0.0	0.0
1992	16	128.3	101.9	67.9	0.0	0.0	0.0
1993	15	125.7	102.5	69.9	0.0	0.0	0.0
1994	27	124.7	101.5	70.6	84.5	100.5	107.5
1995	30	123.7	103.3	71.7	85.6	102.2	107.4
1996	28	121.7	103.9	73.5	89.0	102.3	110.0
1997	33	123.5	103.3	72.1	85.2	104.6	112.4
1998	47	124.1	103.9	71.5	87.0	103.7	108.7
1999	42	120.6	104.1	74.2	85.8	102.3	108.8
2000	52	119.8	104.9	74.9	84.2	102.7	110.4
2001	65	120.3	104.2	74.4	84.9	102.3	110.9
2002	80	121.0	102.8	73.7	84.0	102.7	110.4
2003	69	120.5	102.1	74.0	83.7	102.8	110.0
2004	111	119.9	102.2	74.6	83.9	103.1	110.2
2005	138	119.1	101.5	75.0	82.3	103.8	111.7
2006	131	120.1	100.9	74.1	83.4	104.3	110.5
2007	171	119.3	100.6	74.7	83.5	104.6	109.9
2008	161	119.5	100.8	74.1	82.1	103.5	109.6
2009	196	117.9	100.2	75.3	81.4	103.3	110.0
2010	178	116.8	100.1	76.3	81.0	103.7	110.9
2011	167	116.8	100.3	76.4	81.2	103.5	110.8
2012	147	116.3	99.9	76.8	80.7	103.6	111.6
2013	149	115.6	100.5	77.5	80.6	103.7	111.9
2014	133	114.7	100.4	78.1	80.1	104.9	112.8
2015	117	114.9	100.3	77.9	80.4	106.0	112.1
2016	116	114.8	99.9	78.1	81.0	106.5	111.4
2017	111	113.9	100.4	78.8	80.9	106.4	111.5
2018	86	113.6	99.9	79.1	81.6	106.4	111.4
2019	87	115.7	100.0	77.0	81.2	107.2	110.8
2020	75	114.6	100.8	78.8	82.1	105.9	111.4
2021	87	115.7	100.6	77.7	81.7	106.3	111.4
2022	58	115.1	99.7	78.1	81.4	106.5	111.8
2023	81	120.2	99.5	74.1	82.4	106.0	110.8
2024	14	122.4	99.4	71.8	82.8	105.5	109.2

Tabel: 228 Verbeterd Roodbont: Vleeskenmerken  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1991	20	93.9	65.5	98.0	78.3	92.8	98.0	97.3	99.0	85.5	100.2	89.0
1992	35	93.7	64.7	97.8	77.5	92.9	97.8	97.3	98.9	85.4	99.7	88.8
1993	48	93.5	62.8	96.0	77.1	92.0	96.1	98.0	97.9	83.5	97.3	89.2
1994	47	93.7	64.1	96.0	77.4	93.0	96.0	98.1	97.6	84.5	97.2	89.4
1995	63	94.0	64.5	96.9	77.3	93.7	96.9	97.9	97.8	86.1	98.5	89.8
1996	66	93.7	64.9	96.4	77.2	94.1	96.9	97.3	97.4	86.7	98.4	89.7
1997	89	93.8	65.2	96.1	78.1	94.0	96.7	98.0	96.7	86.8	97.6	90.8
1998	88	94.1	67.1	96.3	78.8	95.2	97.0	98.0	96.4	88.0	98.0	91.3
1999	126	94.9	67.3	96.3	79.4	95.8	97.5	98.5	97.0	88.9	98.1	92.6
2000	109	95.9	70.0	96.5	81.1	97.7	98.1	99.0	96.8	91.0	98.5	94.4
2001	125	95.2	69.2	96.0	80.9	96.1	97.5	98.5	96.9	90.0	97.8	93.9
2002	105	95.3	69.7	95.7	81.4	96.0	97.5	98.6	97.2	90.0	97.7	94.1
2003	112	94.3	68.3	95.9	81.2	93.8	98.0	98.0	97.3	88.0	98.0	93.2
2004	133	94.9	68.6	95.4	81.7	93.8	96.8	98.8	97.1	87.8	97.0	93.8
2005	147	95.3	68.6	95.4	81.9	94.0	96.5	99.4	97.1	87.9	96.8	94.0
2006	151	95.1	67.9	95.1	80.8	94.4	95.8	99.2	96.8	88.0	96.1	93.3
2007	135	95.1	68.2	95.5	80.6	94.8	96.1	99.1	96.6	88.8	96.6	93.4
2008	99	94.7	66.9	95.6	79.8	94.1	95.8	99.0	96.3	87.9	96.1	93.0
2009	104	94.1	67.2	96.4	80.3	93.1	97.1	98.1	96.9	87.7	97.2	92.8
2010	60	95.1	69.7	97.2	82.2	93.8	97.4	98.8	97.7	88.8	97.9	94.0
2011	19	95.0	70.2	97.3	83.7	92.8	98.1	98.5	98.1	88.7	98.3	95.2

Tabel: 229 Verbeterd Roodbont: Overige productie en efficiency kenm.  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1989	14	97.1	99.8	0	0.0	0.0	0	0.0
1990	20	97.0	100.2	0	0.0	0.0	0	0.0
1991	21	97.8	100.0	0	0.0	0.0	0	0.0
1993	10	97.9	100.5	0	0.0	0.0	0	0.0
1994	10	97.2	99.7	0	0.0	0.0	0	0.0
1995	10	98.4	101.7	0	0.0	0.0	0	0.0
1998	16	95.9	99.6	0	0.0	0.0	0	0.0
1999	16	97.1	100.4	0	0.0	0.0	0	0.0
2000	15	96.3	99.6	0	0.0	0.0	0	0.0
2001	12	97.2	100.4	0	0.0	0.0	0	0.0
2002	14	97.6	99.7	0	0.0	0.0	0	0.0
2004	12	98.0	99.3	0	0.0	0.0	0	0.0
2005	12	98.2	100.8	0	0.0	0.0	0	0.0
2006	18	98.8	101.5	0	0.0	0.0	0	0.0
2007	12	99.9	101.2	0	0.0	0.0	0	0.0
2009	11	101.0	102.6	0	0.0	0.0	0	0.0

Tabel: 230 Verbeterd Roodbont: Stofwisselingsaandoeningen  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2009	11	100.0	0	0.0	0	0.0	11	102.0

Tabel: 231 Belgisch Blauw Mixt: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1995	10	-2110.9	-104.8	-85.8	-97.6	-24.5	-18.1	-1.0	-601.2
1996	14	-1762.2	-86.1	-74.1	-81.7	-15.6	-18.7	-1.4	-509.4
1998	16	-1746.4	-90.0	-73.8	-81.1	-24.9	-19.4	-1.4	-515.8
1999	19	-1739.1	-88.0	-70.9	-80.7	-21.8	-13.8	-1.3	-499.7
2000	25	-1520.4	-82.2	-66.9	-70.8	-29.8	-21.7	-1.6	-468.1
2001	24	-1765.1	-95.1	-73.6	-81.0	-34.5	-17.6	0.5	-525.8
2002	17	-1572.4	-86.3	-69.9	-73.9	-33.2	-24.0	-2.9	-489.9
2003	38	-1663.8	-92.2	-73.4	-75.7	-37.7	-24.7	2.3	-517.2
2004	33	-1749.4	-90.4	-72.6	-78.8	-26.2	-16.7	3.8	-511.2
2005	43	-1723.3	-93.3	-72.1	-78.5	-34.7	-17.8	1.9	-515.2
2006	48	-1628.5	-90.1	-69.8	-74.5	-36.4	-20.0	0.8	-497.8
2007	33	-1614.2	-91.9	-70.5	-73.0	-40.8	-21.9	3.0	-504.1
2008	34	-1773.4	-95.6	-73.7	-79.8	-35.1	-17.1	3.9	-527.1
2009	30	-1691.1	-93.4	-71.7	-73.7	-38.5	-19.0	8.6	-512.3
2010	46	-1699.6	-95.0	-72.3	-75.5	-40.3	-19.6	5.5	-518.7
2011	44	-1656.6	-92.5	-69.5	-71.4	-38.6	-16.7	9.9	-500.6
2012	51	-1540.1	-86.1	-66.6	-66.1	-35.4	-19.1	9.5	-473.6
2013	34	-1542.6	-87.9	-66.3	-66.0	-38.3	-18.2	10.4	-476.1
2014	38	-1298.3	-78.9	-60.1	-53.4	-40.6	-23.4	12.4	-428.0
2015	37	-1591.1	-92.7	-70.3	-69.9	-45.0	-23.1	7.0	-504.1
2016	23	-1312.3	-78.7	-60.7	-53.8	-38.7	-23.0	13.3	-430.1
2017	26	-1286.4	-79.3	-60.5	-54.0	-42.7	-24.8	10.4	-430.8
2018	31	-1028.9	-72.3	-54.0	-41.7	-49.0	-29.7	10.3	-385.9
2019	21	-1419.9	-86.9	-62.5	-57.4	-46.9	-19.5	15.8	-456.0
2020	16	-1175.5	-75.1	-57.9	-47.6	-42.8	-26.8	12.4	-409.6

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1995	11	100.5	103.2	99.6	101.6	99.6	94.1	86.5	101.5	99.2
1996	14	100.4	102.8	99.2	101.3	99.3	93.7	87.3	100.9	98.6
1998	17	99.5	102.9	98.7	100.7	98.4	93.4	87.2	100.7	98.2
1999	19	101.6	102.6	100.4	101.6	100.4	93.8	86.5	101.6	99.4
2000	28	100.9	102.8	100.0	101.5	100.0	93.9	86.6	101.4	99.2
2001	24	100.7	103.1	100.0	101.7	99.9	94.4	87.4	101.6	99.3
2002	17	101.9	102.9	100.8	102.2	101.1	96.0	87.3	101.9	100.4
2003	41	100.5	102.6	99.6	101.2	99.5	94.0	87.7	101.2	98.9
2004	35	100.6	103.2	100.1	101.7	99.9	94.2	87.4	101.8	99.3
2005	43	100.2	103.2	99.8	101.7	99.5	94.0	88.2	101.6	99.2
2006	49	100.9	102.9	100.4	101.9	100.2	94.0	87.7	101.8	99.4
2007	34	101.3	103.2	100.8	102.4	100.7	94.9	88.1	102.1	100.1
2008	34	100.9	103.1	100.3	101.8	100.0	94.1	87.1	101.7	99.4
2009	31	101.8	103.5	101.4	102.6	101.3	94.8	87.2	102.6	100.6
2010	55	101.7	102.9	100.7	102.1	100.9	94.3	87.0	101.9	99.9
2011	55	102.0	103.2	101.1	102.5	101.2	94.8	87.3	102.4	100.3
2012	57	101.8	103.1	101.0	102.4	101.2	95.1	87.6	102.2	100.3
2013	38	101.5	103.3	100.9	102.4	100.9	94.7	88.3	102.3	100.2
2014	42	102.6	102.8	101.5	102.4	101.6	94.8	87.6	102.5	100.6
2015	43	102.0	103.5	101.5	102.7	101.4	95.1	88.0	102.7	100.7
2016	27	101.9	103.7	101.7	103.0	101.6	94.8	88.2	102.9	100.8
2017	29	102.2	102.6	100.9	102.1	101.1	94.6	87.7	102.0	100.0
2018	34	102.5	103.0	101.9	102.8	101.8	95.1	88.7	102.7	100.9
2019	22	102.1	102.5	100.9	101.9	101.2	95.0	87.9	101.8	100.2
2020	18	102.7	102.4	101.4	102.4	101.7	94.6	87.5	102.2	100.4

Tabel: 233 Belgisch Blauw Mixt: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1995	10	-190.5	-601.2	430.0	101.3	99.2	0.0	0.0	0.0	0.0
1996	14	-161.8	-509.4	0.0	102.4	98.6	0.0	0.0	0.0	0.0
1998	16	-170.5	-515.8	0.0	101.7	98.2	0.0	0.0	0.0	0.0
1999	19	-146.4	-499.7	0.0	102.2	99.4	0.0	0.0	0.0	0.0
2000	25	-142.4	-468.1	0.0	102.0	99.2	0.0	0.0	0.0	0.0
2001	24	-155.8	-525.8	0.0	102.2	99.3	0.0	0.0	0.0	0.0
2002	17	-138.3	-489.9	0.0	102.2	100.4	0.0	0.0	0.0	0.0
2003	38	-156.3	-517.2	0.0	102.0	98.9	0.0	0.0	0.0	0.0
2004	33	-151.8	-511.2	462.0	101.9	99.3	0.0	0.0	0.0	0.0
2005	43	-161.8	-515.2	432.0	100.8	99.2	0.0	0.0	0.0	0.0
2006	48	-150.2	-497.8	445.0	100.9	99.4	0.0	0.0	0.0	0.0
2007	33	-148.9	-504.1	448.3	101.4	100.1	0.0	0.0	0.0	0.0
2008	34	-158.7	-527.1	432.0	101.3	99.4	0.0	0.0	0.0	0.0
2009	30	-144.3	-512.3	490.0	101.7	100.6	0.0	0.0	0.0	0.0
2010	46	-145.8	-518.7	0.0	102.2	99.9	0.0	0.0	0.0	0.0
2011	44	-148.2	-500.6	429.0	101.3	100.3	0.0	0.0	0.0	0.0
2012	51	-134.7	-473.6	460.7	101.6	100.3	0.0	0.0	0.0	0.0
2013	34	-140.9	-476.1	0.0	101.7	100.2	0.0	0.0	0.0	0.0
2014	38	-123.3	-428.0	466.7	101.7	100.6	0.0	0.0	0.0	0.0
2015	37	-151.7	-504.1	452.0	100.9	100.7	0.0	0.0	0.0	0.0
2016	23	-123.2	-430.1	437.5	101.2	100.8	0.0	0.0	0.0	0.0
2017	26	-135.5	-430.8	422.0	100.5	100.0	0.0	0.0	0.0	0.0
2018	31	-116.2	-385.9	0.0	101.1	100.9	0.0	0.0	0.0	0.0
2019	21	-142.7	-456.0	0.0	100.5	100.2	0.0	0.0	0.0	0.0
2020	16	-122.4	-409.6	0.0	101.4	100.4	0.0	0.0	0.0	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1996	10	71.4	101.5	132.4	131.8	96.2	73.2
1999	15	72.5	101.3	132.0	133.7	96.5	71.6
2000	19	72.9	101.5	131.2	133.4	96.2	72.4
2001	18	74.6	101.9	130.1	133.4	97.3	72.9
2002	16	71.9	101.9	132.7	133.7	97.2	72.1
2003	24	72.9	101.8	131.6	133.7	97.2	72.5
2004	24	73.6	101.1	130.8	133.8	97.7	72.4
2005	30	74.2	101.0	130.7	135.0	98.2	72.0
2006	34	73.4	101.9	131.3	135.1	98.0	71.4
2007	27	74.9	101.7	130.1	135.6	96.9	71.3
2008	23	73.3	101.8	131.1	132.8	96.5	72.6
2009	25	74.1	101.3	130.7	135.1	96.9	71.5
2010	41	70.9	101.5	133.2	134.4	96.8	71.3
2011	38	71.3	101.7	132.9	133.7	97.4	71.9
2012	41	73.6	101.6	131.0	135.1	96.6	70.8
2013	28	71.9	103.9	132.5	134.4	97.8	72.4
2014	37	73.2	102.4	131.4	134.9	97.0	71.5
2015	31	72.5	101.2	131.9	134.0	96.7	72.2
2016	24	74.6	102.2	130.2	134.5	96.1	72.0
2017	30	72.5	101.8	131.9	133.2	96.4	72.7
2018	26	74.3	100.2	130.6	135.1	95.5	71.6
2019	14	73.4	103.2	131.4	134.0	97.8	72.3

2020	18	74.1	100.4	130.9	134.4	94.0	72.1
2021	12	74.3	102.8	130.8	133.6	95.3	73.4
2022	10	73.6	101.4	131.4	134.3	95.3	72.6
2023	11	72.8	101.2	131.9	134.6	96.6	71.6

Tabel: 235 Belgisch Blauw Mixt: Vleeskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2003	14	105.4	129.9	100.8	117.4	110.5	105.2	101.0	101.8	117.1	105.3	106.9
2004	12	105.2	128.5	100.9	117.8	109.2	105.2	100.9	101.8	116.1	105.5	106.9
2005	12	104.8	126.1	100.9	115.8	108.8	105.0	100.8	102.2	114.5	105.2	105.2
2006	22	104.2	124.7	100.9	114.8	108.5	104.8	100.6	101.4	113.7	104.8	105.0
2008	15	104.8	126.4	101.1	116.3	108.8	105.3	100.9	101.5	114.8	105.8	105.8
2010	14	106.5	128.3	101.2	118.0	110.2	105.9	102.0	102.5	115.9	106.1	107.6
2011	15	104.2	128.1	101.5	117.8	107.6	105.7	100.3	100.7	115.7	105.8	107.1

Tabel: 236 Belgisch Blauw Mixt: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1995	10	95.7	95.3	0	0.0	0.0	0	0.0
1996	14	96.6	96.4	0	0.0	0.0	0	0.0
1998	16	94.3	95.3	0	0.0	0.0	0	0.0
1999	19	94.3	96.2	0	0.0	0.0	0	0.0
2000	25	94.1	95.5	0	0.0	0.0	0	0.0
2001	24	94.4	95.6	0	0.0	0.0	0	0.0
2002	17	97.4	98.2	0	0.0	0.0	0	0.0
2003	38	96.0	96.0	0	0.0	0.0	0	0.0
2004	33	94.8	96.4	0	0.0	0.0	0	0.0
2005	43	95.3	96.8	0	0.0	0.0	0	0.0
2006	48	94.7	96.3	0	0.0	0.0	0	0.0
2007	33	94.9	95.8	0	0.0	0.0	0	0.0
2008	34	94.5	97.2	0	0.0	0.0	0	0.0
2009	30	95.0	96.8	0	0.0	0.0	0	0.0
2010	46	95.0	96.9	0	0.0	0.0	0	0.0
2011	44	95.7	97.3	0	0.0	0.0	0	0.0
2012	51	94.7	97.3	0	0.0	0.0	0	0.0
2013	34	94.8	97.1	0	0.0	0.0	0	0.0
2014	38	95.9	98.4	0	0.0	0.0	0	0.0
2015	37	95.8	98.3	0	0.0	0.0	0	0.0
2016	23	96.7	98.4	0	0.0	0.0	0	0.0
2017	26	95.6	98.2	0	0.0	0.0	0	0.0
2018	31	96.6	98.2	0	0.0	0.0	0	0.0
2019	21	95.6	97.6	0	0.0	0.0	0	0.0
2020	16	96.4	97.6	0	0.0	0.0	0	0.0

Tabel: 237 Belgisch Blauw Mixt: Stofwisselingsaandoeningen

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1996	11	100.0	0	0.0	0	0.0	11	96.0

1998	13	99.8	0	0.0	0	0.0	13	95.6
1999	18	99.9	0	0.0	0	0.0	18	96.5
2000	24	99.9	0	0.0	0	0.0	24	95.9
2001	21	100.0	0	0.0	0	0.0	21	96.2
2002	17	99.8	0	0.0	0	0.0	17	94.8
2003	26	99.8	0	0.0	0	0.0	26	95.1
2004	28	99.8	0	0.0	0	0.0	28	95.6
2005	34	99.9	0	0.0	0	0.0	34	95.6
2006	46	99.8	0	0.0	0	0.0	46	95.8
2007	31	99.9	0	0.0	0	0.0	31	95.6
2008	29	99.9	0	0.0	0	0.0	29	96.6
2009	29	99.9	0	0.0	0	0.0	29	96.2
2010	48	99.9	0	0.0	0	0.0	48	96.9
2011	47	99.9	0	0.0	0	0.0	47	96.7
2012	53	99.9	0	0.0	0	0.0	53	97.0
2013	35	99.9	0	0.0	0	0.0	35	96.7
2014	38	99.9	0	0.0	0	0.0	38	96.7
2015	37	99.9	0	0.0	0	0.0	37	96.6
2016	21	99.9	0	0.0	0	0.0	21	96.5
2017	26	99.9	0	0.0	0	0.0	26	96.1
2018	32	99.9	0	0.0	0	0.0	32	96.4
2019	21	100.0	0	0.0	0	0.0	21	97.6
2020	16	99.9	0	0.0	0	0.0	16	96.6

Tabel: 238 Witrood: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1993	13	-1155.4	-53.2	-51.7	-54.1	-2.8	-16.9	-1.8	-339.8
1995	10	-1186.2	-50.8	-52.2	-55.5	3.8	-15.8	-1.8	-337.4
1997	12	-1064.9	-45.9	-47.5	-49.9	3.6	-15.4	-1.5	-306.2
1999	11	-950.0	-50.2	-45.1	-44.5	-14.1	-18.1	-1.5	-303.7
2000	13	-1121.5	-56.8	-51.5	-52.5	-12.3	-18.9	-1.6	-346.5
2001	18	-832.2	-49.6	-42.4	-39.2	-20.4	-19.7	-1.6	-289.8
2002	18	-1085.8	-57.4	-49.9	-49.9	-16.3	-17.9	0.4	-339.9
2003	14	-918.4	-49.2	-42.7	-34.4	-14.1	-15.8	14.4	-288.8
2004	22	-911.8	-48.0	-43.8	-29.8	-13.0	-17.3	22.3	-289.2
2005	35	-999.3	-55.5	-46.3	-35.6	-19.9	-16.8	19.3	-317.2
2006	33	-1004.8	-50.3	-44.9	-39.8	-9.4	-13.8	11.8	-301.8
2007	22	-799.3	-47.3	-41.2	-29.2	-20.2	-20.1	13.4	-277.0
2008	20	-913.6	-48.0	-43.4	-29.4	-10.6	-16.1	23.5	-287.4
2009	28	-1004.7	-51.2	-44.8	-35.2	-10.8	-13.1	21.6	-301.6
2010	30	-924.4	-57.4	-44.3	-38.9	-28.6	-17.7	6.8	-314.0
2011	22	-893.3	-50.7	-41.9	-36.3	-19.7	-16.0	9.3	-289.1
2012	34	-908.2	-50.5	-41.0	-33.6	-17.0	-12.8	15.2	-284.5
2013	32	-973.7	-55.0	-44.8	-37.3	-20.1	-15.7	14.5	-310.5
2014	29	-1049.6	-57.9	-44.8	-40.7	-20.1	-10.6	14.6	-317.3
2015	20	-926.8	-56.0	-45.1	-35.0	-25.4	-19.0	14.8	-313.3
2016	28	-1142.6	-60.8	-48.5	-43.0	-17.3	-11.0	18.9	-339.2
2017	17	-738.1	-52.2	-37.3	-24.4	-33.5	-17.3	17.2	-269.8
2018	19	-907.6	-50.8	-40.0	-30.4	-17.7	-11.1	21.4	-279.9

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
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1993	13	102.9	101.2	100.2	100.9	100.9	101.4	86.7	100.8	101.0
1995	10	102.6	101.7	100.2	101.1	100.6	101.2	87.6	101.1	101.0
1997	12	101.9	101.2	99.5	100.7	99.9	100.4	88.2	100.4	100.2
1999	11	102.1	102.1	100.8	101.5	100.7	101.3	89.8	101.5	101.4
2000	13	103.0	103.1	101.9	102.7	102.2	102.6	89.5	102.8	102.8
2001	19	101.8	101.2	99.7	100.6	100.2	100.7	90.6	100.4	100.4
2002	20	102.1	101.8	100.2	101.0	100.4	101.0	90.5	101.2	100.8
2003	15	102.7	101.9	101.1	101.7	101.4	101.9	90.5	101.7	101.7
2004	23	101.7	101.8	100.0	101.0	100.2	100.2	89.1	101.0	100.6
2005	37	102.4	101.4	100.2	100.9	100.6	100.4	89.5	100.8	100.6
2006	36	102.0	101.7	100.2	101.0	100.6	100.5	90.5	101.0	100.8
2007	24	102.1	101.4	100.3	100.8	100.6	100.2	90.0	101.0	100.6
2008	29	102.6	100.9	100.1	100.4	100.7	100.4	86.8	100.5	100.5
2009	32	102.4	101.4	100.3	100.8	100.6	100.3	88.1	101.0	100.8
2010	41	103.0	100.8	100.3	100.5	101.0	100.6	87.4	100.6	100.9
2011	30	102.5	100.7	100.0	100.3	100.6	100.2	87.7	100.3	100.4
2012	44	102.1	100.8	99.8	100.2	100.4	99.7	87.8	100.3	100.2
2013	46	102.3	101.3	100.3	100.9	100.7	100.5	88.7	100.9	100.8
2014	41	101.7	101.0	99.6	100.2	100.0	99.4	87.9	100.3	99.9
2015	26	101.9	101.4	100.0	100.6	100.4	100.0	88.5	100.7	100.3
2016	41	102.7	101.2	100.3	101.0	101.0	100.0	88.1	100.9	100.7
2017	20	101.4	101.2	99.5	100.4	99.8	99.7	90.8	100.3	100.0
2018	20	101.8	101.5	100.2	100.8	100.5	100.5	89.7	101.0	100.8
2019	13	102.5	101.0	100.1	100.8	100.8	99.9	88.1	100.5	100.7

Tabel: 240 Witrood: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1993	13	-201.2	-339.8	-178.4	101.5	101.0	90.3	90.7	98.0	35.6
1995	10	-196.6	-337.4	-241.3	101.1	101.0	93.3	92.7	98.3	38.8
1997	12	-204.6	-306.2	-203.4	100.4	100.2	88.3	90.0	98.4	25.3
1999	11	-195.9	-303.7	-277.9	100.8	101.4	91.0	91.4	98.5	44.5
2000	13	-184.0	-346.5	-245.5	100.5	102.8	92.8	92.2	98.2	45.3
2001	18	-186.0	-289.8	-293.5	100.1	100.4	93.0	93.0	98.4	19.2
2002	18	-242.2	-339.9	-391.8	98.4	100.8	88.0	91.0	98.4	11.0
2003	14	-198.9	-288.8	-389.7	97.9	101.7	93.0	88.8	98.4	27.9
2004	22	-205.1	-289.2	-266.2	99.3	100.6	91.0	91.7	98.1	31.2
2005	35	-205.6	-317.2	-255.7	99.3	100.6	89.8	93.5	97.6	18.8
2006	33	-227.4	-301.8	-347.6	97.5	100.8	91.5	92.5	98.2	19.0
2007	22	-201.2	-277.0	-250.4	98.8	100.6	0.0	0.0	98.0	37.0
2008	20	-186.6	-287.4	-194.4	99.2	100.5	0.0	0.0	97.6	37.0
2009	28	-182.2	-301.6	-272.5	99.7	100.8	95.0	95.0	97.9	35.6
2010	30	-189.7	-314.0	-280.2	99.5	100.9	0.0	0.0	97.8	25.8
2011	22	-191.3	-289.1	-315.9	98.1	100.4	88.0	90.0	97.8	34.7
2012	34	-180.3	-284.5	-310.3	99.9	100.2	0.0	0.0	97.9	35.2
2013	32	-188.5	-310.5	-298.6	99.6	100.8	0.0	0.0	97.5	32.9
2014	29	-197.0	-317.3	-377.1	98.3	99.9	0.0	0.0	97.5	29.5
2015	20	-193.3	-313.3	-375.3	99.0	100.3	0.0	0.0	97.9	36.9
2016	28	-213.1	-339.2	-521.9	98.5	100.7	0.0	0.0	98.2	40.5
2017	17	-172.1	-269.8	-339.5	98.0	100.0	0.0	0.0	98.2	29.7
2018	19	-138.5	-279.9	-375.8	98.3	100.8	0.0	0.0	98.1	30.9

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



Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2002	11	99.5	99.0	99.5	99.0	101.8	102.0
2003	10	99.2	99.4	99.2	99.4	101.3	101.4
2004	18	98.8	98.9	98.8	98.9	101.2	101.7
2005	28	98.1	98.9	98.1	98.9	100.8	101.4
2006	27	99.1	99.0	99.1	99.0	101.3	101.6
2007	22	99.0	98.9	99.0	98.9	101.4	101.5
2008	23	98.5	98.7	98.5	98.7	101.0	101.1
2009	25	98.7	99.1	98.7	99.1	101.1	101.5
2010	28	98.6	99.1	98.6	99.1	101.5	101.7
2011	24	98.6	99.0	98.6	99.0	101.3	101.4
2012	36	98.7	99.0	98.7	99.0	101.4	101.4
2013	35	98.5	98.6	98.5	98.6	101.2	101.2
2014	30	98.6	98.8	98.6	98.8	101.5	101.3
2015	19	98.6	99.2	98.6	99.2	101.3	101.6
2016	26	98.5	99.3	98.5	99.3	101.4	101.9
2017	16	98.8	99.6	98.8	99.6	101.2	101.9
2018	13	99.5	98.3	99.5	98.3	101.5	101.3
2019	14	99.7	98.6	99.7	98.6	101.7	101.8

Tabel: 242 Witrood: Geboortekenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1993	13	86.5	104.8	118.5	106.8	96.9	102.1
2002	10	85.2	104.7	120.2	106.2	98.3	105.1
2004	11	84.8	103.9	120.8	107.9	97.5	104.0
2005	20	85.2	103.3	120.0	107.1	96.2	103.2
2006	21	84.6	103.6	120.5	107.5	96.4	103.2
2007	17	85.8	104.0	119.2	107.1	97.3	103.8
2008	11	84.0	104.4	120.8	107.2	97.0	103.0
2009	16	83.3	105.6	121.4	105.7	96.6	103.9
2010	18	84.5	104.7	120.8	107.1	95.8	103.8
2011	17	83.0	105.6	121.8	106.9	96.6	102.7
2012	23	83.5	104.9	121.3	106.4	95.3	102.7
2013	19	83.9	105.8	120.9	105.7	96.9	104.0
2014	14	83.2	104.7	121.4	106.0	95.1	103.0
2015	10	83.5	104.1	122.0	107.9	97.3	104.1
2016	13	84.4	104.6	121.2	107.3	95.2	104.7

Tabel: 243 Witrood: Vleeskenmerken  
 Basis: Dubbeloel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2000	11	100.6	104.2	97.6	107.8	101.5	103.2	100.6	99.7	98.9	105.2	96.4
2001	14	101.3	105.8	97.5	110.0	101.3	103.5	101.3	100.4	99.3	105.1	97.9
2002	15	100.9	104.3	97.1	110.5	99.9	103.3	101.5	100.5	97.0	105.2	97.6
2003	11	100.4	102.4	99.1	108.7	98.7	103.7	100.6	100.7	96.9	104.9	98.1
2004	21	100.4	105.4	97.8	109.0	101.2	103.8	100.1	100.0	99.1	105.2	97.0
2005	33	100.6	105.3	97.8	108.8	101.5	103.7	100.4	99.8	99.7	104.9	97.3
2006	31	100.6	105.6	97.3	110.3	100.3	103.7	100.6	100.1	98.8	104.9	98.1
2007	21	99.0	103.2	98.2	108.5	99.0	104.4	99.3	99.7	97.5	105.4	96.1
2008	22	99.7	103.0	98.0	109.3	98.5	104.3	100.1	100.1	97.1	104.8	97.9
2009	22	99.6	103.5	98.0	109.0	99.4	103.9	100.0	99.8	97.0	104.9	96.6
2010	26	99.1	102.7	98.2	108.0	99.2	103.9	99.4	99.9	96.8	105.0	95.4

2011	19	99.3	102.3	98.5	107.9	98.7	103.8	99.6	100.3	96.7	104.8	96.2
2012	27	98.7	102.4	98.9	108.0	98.0	104.0	99.1	100.1	96.1	104.9	95.7
2013	22	98.6	103.0	99.3	108.5	98.2	104.8	98.8	100.4	96.4	105.5	96.1
2014	15	99.9	105.6	98.7	110.1	99.8	104.5	100.0	100.1	98.3	105.5	97.1

Tabel: 244 Witrood: Levensproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	18	-3115.7	-11798.7	-533.3	-446.8
2002	18	-3759.0	-14658.5	-640.8	-538.6
2003	14	-3639.4	-14221.9	-620.6	-519.9
2004	22	-3020.4	-11617.3	-507.3	-435.4
2005	35	-2996.5	-11411.7	-511.3	-428.7
2006	33	-3446.1	-13507.9	-585.1	-493.7
2007	22	-2875.5	-10819.3	-489.1	-413.0
2008	20	-2628.8	-10011.4	-440.9	-379.1
2009	28	-3071.4	-11899.4	-520.8	-439.5
2010	30	-3129.9	-11823.7	-545.9	-443.0
2011	21	-3267.7	-12634.9	-562.3	-465.0
2012	34	-3215.1	-12451.3	-554.2	-456.4
2013	32	-3239.6	-12427.2	-559.2	-459.9
2014	29	-3642.5	-14282.6	-631.1	-514.9
2015	20	-3606.4	-13746.0	-621.6	-512.6
2016	28	-4438.9	-17516.7	-765.8	-628.3
2017	17	-3347.2	-12723.3	-587.6	-470.5
2018	19	-3536.7	-13781.8	-611.2	-500.2

Tabel: 245 Witrood: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1993	13	97.0	96.5	8	-2.8	35.6	0	0.0
1995	10	95.4	96.3	4	-2.6	38.8	0	0.0
1997	12	96.0	96.7	3	-2.0	25.3	0	0.0
1999	11	95.5	97.0	6	-2.8	44.5	0	0.0
2000	13	94.8	97.0	6	-3.2	45.3	0	0.0
2001	18	96.6	96.4	6	-2.5	19.2	2	99.0
2002	18	93.5	96.3	3	-2.1	11.0	2	101.0
2003	14	94.2	96.5	7	-2.2	27.9	4	97.8
2004	22	95.8	97.3	4	-1.8	31.2	3	98.3
2005	35	96.3	97.2	6	-2.9	18.8	4	100.5
2006	33	95.1	96.4	4	-2.5	19.0	2	101.5
2007	22	96.8	97.0	2	-2.3	37.0	0	0.0
2008	20	97.8	96.3	4	-2.5	37.0	0	0.0
2009	28	97.3	96.2	10	-2.7	35.6	1	100.0
2010	30	95.7	96.3	8	-2.1	25.8	0	0.0
2011	22	95.7	96.0	9	-2.4	34.7	1	100.0
2012	34	96.2	96.7	11	-2.6	35.2	0	0.0
2013	32	95.5	97.0	11	-2.7	32.9	0	0.0
2014	29	96.1	96.0	14	-2.7	29.5	0	0.0
2015	20	95.2	96.4	8	-2.8	36.9	0	0.0
2016	28	95.0	95.5	14	-2.9	40.5	0	0.0
2017	17	96.0	95.7	10	-2.2	29.7	0	0.0
2018	19	96.7	95.5	18	-2.4	30.9	0	0.0

Tabel: 246 Witrood: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1993	10	99.4	0	0.0	0	0.0	10	94.0
2000	10	99.6	0	0.0	0	0.0	10	93.9
2001	15	99.5	0	0.0	0	0.0	15	93.6
2002	13	99.5	0	0.0	0	0.0	13	94.1
2003	11	99.6	0	0.0	0	0.0	11	93.8
2004	19	99.4	0	0.0	0	0.0	19	93.3
2005	23	99.7	0	0.0	0	0.0	23	94.6
2006	28	99.7	0	0.0	0	0.0	28	94.8
2007	19	99.3	0	0.0	0	0.0	19	93.2
2008	18	99.7	0	0.0	0	0.0	18	93.9
2009	27	99.7	0	0.0	0	0.0	27	95.1
2010	30	99.6	0	0.0	0	0.0	30	94.0
2011	20	99.7	0	0.0	0	0.0	20	94.8
2012	34	99.7	0	0.0	0	0.0	34	94.7
2013	32	99.6	0	0.0	0	0.0	32	93.9
2014	28	99.6	0	0.0	0	0.0	28	94.9
2015	20	99.6	0	0.0	0	0.0	20	94.4
2016	28	99.6	0	0.0	0	0.0	28	94.8
2017	17	99.6	0	0.0	0	0.0	17	93.9
2018	19	99.6	0	0.0	0	0.0	19	94.4

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	27	93.4	103.6	95.4	100.6	93.3	90.9	113.1	99.0	94.7
1981	33	94.6	103.6	96.5	101.3	94.7	91.3	113.6	99.7	95.7
1982	58	94.3	103.2	95.7	100.7	94.0	90.8	112.6	98.9	95.0
1983	80	94.1	103.7	95.8	100.9	94.0	91.5	113.5	99.3	95.3
1984	84	94.6	103.4	96.1	101.0	94.3	91.7	114.1	99.3	95.5
1985	104	94.7	103.5	96.4	101.2	94.5	92.0	114.5	99.5	95.8
1986	142	94.8	103.6	96.7	101.3	94.7	92.4	114.0	99.8	96.1
1987	199	95.2	102.9	96.8	100.9	95.0	93.7	114.9	99.5	96.4
1988	270	95.6	102.8	97.3	101.0	95.4	94.5	115.1	99.8	96.9
1989	415	95.7	102.6	97.4	100.9	95.5	94.5	114.3	99.7	96.8
1990	497	95.6	102.6	97.3	100.9	95.5	94.4	114.2	99.7	96.8
1991	612	95.3	102.6	97.1	100.8	95.2	94.2	113.9	99.5	96.6
1992	712	95.3	102.4	97.1	100.6	95.3	94.1	112.3	99.5	96.6
1993	754	95.4	102.2	96.9	100.4	95.2	94.2	111.8	99.2	96.4
1994	819	95.4	102.1	96.9	100.3	95.3	94.3	110.4	99.1	96.4
1995	923	95.6	101.8	97.0	100.2	95.5	94.6	109.8	99.1	96.5
1996	906	95.7	101.7	97.0	100.1	95.6	94.7	108.8	99.0	96.6
1997	1013	95.9	101.6	97.2	100.1	95.8	94.9	108.5	99.1	96.7
1998	1124	96.2	101.5	97.4	100.2	96.1	95.1	107.4	99.2	97.0
1999	1145	96.2	101.5	97.5	100.3	96.3	95.6	107.1	99.3	97.2
2000	1322	96.1	101.5	97.6	100.2	96.3	95.9	105.8	99.3	97.3
2001	1295	96.3	101.4	97.7	100.2	96.6	96.1	105.0	99.3	97.4
2002	1360	96.6	101.4	97.9	100.3	96.8	96.3	103.9	99.4	97.6
2003	1426	96.7	101.2	98.0	100.2	97.0	96.5	103.2	99.4	97.7
2004	1527	96.9	100.9	97.9	99.9	97.0	96.5	101.9	99.2	97.6
2005	1678	97.2	100.7	98.0	99.9	97.3	96.8	101.3	99.2	97.8
2006	1766	97.4	100.6	98.1	99.9	97.5	97.1	100.2	99.2	97.9

2007	1771	97.7	100.4	98.2	99.8	97.7	97.5	99.5	99.1	98.1
2008	1838	97.9	100.3	98.3	99.8	97.8	97.9	99.6	99.1	98.2
2009	1738	98.1	100.2	98.5	99.8	98.1	98.1	100.0	99.1	98.4
2010	1792	98.2	100.1	98.5	99.7	98.1	98.6	100.4	99.1	98.5
2011	1835	98.6	99.8	98.7	99.6	98.4	99.2	99.9	99.1	98.8
2012	1720	98.9	99.7	99.0	99.7	98.8	99.7	99.9	99.2	99.1
2013	1646	99.3	99.4	99.2	99.6	99.1	100.3	99.9	99.2	99.3
2014	1619	99.4	99.3	99.3	99.6	99.3	100.6	99.9	99.2	99.5
2015	1429	99.7	99.2	99.5	99.5	99.4	100.8	99.7	99.2	99.6
2016	1360	99.9	99.1	99.6	99.5	99.6	100.9	99.6	99.2	99.7
2017	1184	99.9	99.1	99.6	99.5	99.6	100.9	99.6	99.3	99.7
2018	1105	100.1	98.9	99.6	99.4	99.7	100.9	99.3	99.2	99.7
2019	883	100.1	98.9	99.6	99.4	99.7	100.6	99.1	99.2	99.7
2020	730	99.9	98.9	99.4	99.3	99.5	100.4	98.8	99.1	99.4
2021	521	99.9	98.9	99.4	99.2	99.5	100.4	98.9	99.0	99.4
2022	168	99.7	99.0	99.4	99.3	99.4	100.0	98.7	99.1	99.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	26	90.4	0.0	90.4	0.0	89.9	0.0
1988	38	90.6	101.0	90.6	101.0	89.4	104.5
1989	51	91.2	0.0	91.2	0.0	90.4	0.0
1990	49	91.1	100.0	91.1	100.0	90.4	104.0
1991	46	91.2	0.0	91.2	0.0	90.3	0.0
1992	60	91.4	100.5	91.4	100.5	90.5	104.0
1993	43	91.2	0.0	91.2	0.0	90.3	0.0
1994	62	91.5	0.0	91.5	0.0	90.7	0.0
1995	52	91.4	99.5	91.4	99.5	90.6	102.5
1996	46	91.3	100.0	91.3	100.0	90.7	104.0
1997	48	91.9	0.0	91.9	0.0	91.4	0.0
1998	57	92.0	0.0	92.0	0.0	91.5	0.0
1999	66	91.7	101.5	91.7	101.5	91.4	104.5
2000	80	91.9	101.5	91.9	101.5	91.2	104.5
2001	68	92.0	99.0	92.0	99.0	91.3	104.0
2002	58	92.0	102.5	92.0	102.5	91.4	105.5
2003	61	91.8	98.0	91.8	98.0	91.0	103.0
2004	56	92.1	103.0	92.1	103.0	91.8	105.0
2005	53	92.8	99.0	92.8	99.0	92.3	103.0
2006	48	92.7	99.0	92.7	99.0	92.3	104.0
2007	61	93.0	100.0	93.0	100.0	92.3	103.0
2008	46	93.1	101.0	93.1	101.0	92.6	104.0
2009	42	93.5	100.0	93.5	100.0	93.5	104.0
2010	52	93.3	100.0	93.3	100.0	93.1	104.0
2011	65	93.2	0.0	93.2	0.0	92.5	0.0
2012	55	93.0	99.0	93.0	99.0	92.1	103.0
2013	41	93.0	0.0	93.0	0.0	91.9	0.0
2014	32	92.9	101.0	92.9	101.0	92.8	104.0
2015	33	92.7	99.7	92.7	99.7	92.4	103.3
2016	16	94.0	0.0	94.0	0.0	93.6	0.0

Tabel: 249 Belgisch Blauw: Geboortekenmerken  
Basis: Belgisch witblauw  
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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1980	11	107.4	100.4	92.7	100.0	105.0	95.0
1981	11	106.1	101.5	93.5	98.5	105.0	98.0
1982	34	109.1	99.9	91.5	104.4	103.6	93.4
1983	39	109.0	99.9	91.3	102.2	102.4	94.8
1984	37	107.1	99.8	92.5	101.6	101.4	93.9
1985	42	110.2	98.9	89.9	101.8	101.4	94.0
1986	63	108.4	99.5	91.6	102.0	101.8	94.3
1987	102	106.9	100.1	92.6	101.9	101.9	93.4
1988	116	105.7	99.9	93.9	101.9	102.0	93.6
1989	163	107.8	99.7	91.7	100.9	102.8	95.1
1990	196	106.9	99.4	92.5	101.3	102.2	94.1
1991	170	107.9	99.1	91.8	100.8	102.0	95.1
1992	196	106.7	99.5	92.8	100.4	101.9	95.6
1993	207	106.6	99.4	92.9	100.4	101.7	95.5
1994	249	106.7	99.2	92.7	100.3	101.9	95.9
1995	272	106.7	99.3	92.9	100.7	101.8	95.7
1996	280	106.0	99.1	93.4	100.6	101.6	95.8
1997	323	106.3	99.4	93.0	100.8	101.5	95.3
1998	389	106.7	98.6	92.7	100.6	101.0	95.4
1999	439	106.9	98.9	92.5	100.4	101.0	95.5
2000	500	106.4	99.0	93.0	100.9	101.0	94.8
2001	486	106.2	99.1	93.2	101.1	100.5	94.4
2002	571	105.8	99.1	93.4	101.0	100.5	94.5
2003	684	106.6	98.9	92.7	100.5	100.1	94.9
2004	870	105.7	99.2	93.6	100.4	100.1	95.3
2005	1004	105.7	99.3	93.6	100.0	100.0	95.4
2006	1057	105.9	99.2	93.3	100.1	99.4	94.8
2007	1407	105.1	99.1	93.9	99.7	99.4	95.0
2008	1454	105.0	99.1	93.9	99.5	99.0	95.0
2009	1400	104.8	99.1	94.1	99.2	99.5	95.4
2010	1415	105.3	99.2	93.6	98.5	100.0	96.5
2011	1467	104.5	99.6	94.6	98.5	99.7	96.7
2012	1390	103.7	99.8	95.4	98.5	99.7	97.1
2013	1289	103.5	99.4	95.6	98.4	99.6	97.3
2014	1274	102.9	99.4	96.4	98.5	99.6	97.9
2015	1175	103.0	99.4	96.6	98.8	99.7	98.8
2016	1100	103.0	99.6	96.9	99.1	99.9	99.2
2017	991	102.6	99.5	97.1	99.2	99.7	98.8
2018	884	102.1	99.7	98.0	99.8	99.5	99.0
2019	742	102.0	99.8	98.1	99.9	99.5	98.9
2020	662	103.0	99.5	97.2	100.1	99.5	98.4
2021	630	102.5	99.5	97.7	100.3	99.5	98.3
2022	434	102.8	99.2	97.4	100.8	99.2	97.4
2023	440	102.1	99.1	98.1	101.1	99.4	97.3
2024	81	102.0	99.4	98.5	101.6	99.4	97.4

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	10	99.3	92.7	95.6	96.9	100.2	99.9	101.4	98.3	94.5	98.1	97.8
1981	11	97.5	89.1	95.3	97.4	95.1	100.0	100.2	99.1	92.5	97.1	99.5
1982	21	96.9	86.1	95.4	95.8	94.0	99.7	99.8	99.4	90.2	97.5	97.0
1983	29	96.0	83.8	96.0	91.7	94.7	99.0	99.3	98.5	90.3	96.9	94.6
1984	37	95.8	82.5	95.1	92.6	93.1	99.1	99.4	98.3	89.1	96.7	95.8
1985	30	96.7	85.6	95.6	94.7	94.0	99.3	99.9	98.7	90.4	96.9	97.0
1986	55	96.7	82.8	95.7	92.9	94.0	99.4	100.0	98.6	90.3	97.1	97.1
1987	91	97.5	87.0	96.1	95.1	96.3	100.2	100.1	99.2	92.0	97.8	97.3
1988	110	97.9	87.1	96.4	95.2	96.6	100.2	100.5	98.9	92.3	98.1	97.7
1989	180	97.7	86.5	96.3	95.4	95.2	99.6	100.7	99.4	91.2	97.8	97.2

1990	226	98.0	88.1	96.4	95.9	96.5	100.1	100.4	99.7	92.0	98.4	96.8
1991	231	97.5	87.1	96.3	95.2	95.7	99.7	100.2	99.4	91.3	98.0	96.2
1992	300	98.2	89.0	96.9	96.0	97.0	99.8	100.7	99.5	92.6	98.5	96.6
1993	361	98.1	88.0	97.1	95.1	97.3	99.7	100.6	99.3	92.7	98.5	96.5
1994	415	98.3	88.9	97.0	95.4	97.4	99.6	100.6	99.7	92.9	98.4	96.3
1995	462	98.4	89.3	97.2	95.5	97.9	99.9	100.5	99.7	93.3	98.7	96.5
1996	460	98.6	89.4	97.7	95.3	98.4	100.0	100.5	99.9	93.6	99.0	96.4
1997	502	99.1	90.5	97.8	95.6	99.1	100.0	100.7	100.0	94.5	99.1	96.7
1998	577	98.7	91.2	97.9	96.0	99.0	100.3	100.3	100.0	94.7	99.2	96.4
1999	611	99.0	91.3	97.9	95.6	99.7	99.9	100.6	100.1	94.9	99.0	96.2
2000	718	99.5	92.7	98.3	96.0	100.6	100.0	100.8	100.1	95.6	99.3	96.1
2001	693	99.6	92.3	98.4	95.8	100.8	100.0	100.8	100.4	95.5	99.5	96.0
2002	795	99.6	93.4	98.4	96.4	101.0	100.1	100.7	100.3	95.9	99.5	96.1
2003	850	99.6	93.1	98.3	96.2	100.8	99.9	100.6	100.6	95.7	99.2	96.0
2004	940	99.7	94.7	98.9	96.7	101.4	100.1	100.4	100.8	96.6	99.4	96.2
2005	998	99.6	95.1	99.3	96.7	101.6	100.0	100.3	100.6	96.8	99.4	96.2
2006	1070	99.0	94.8	99.3	96.7	100.5	100.0	99.9	100.7	96.3	99.2	95.7
2007	1053	99.3	96.3	99.5	97.5	101.0	100.1	100.0	100.5	96.9	99.3	96.0
2008	973	99.2	97.0	99.6	97.8	100.6	100.0	99.9	100.5	97.2	99.3	96.4
2009	848	99.2	98.2	99.7	98.8	100.3	100.3	99.8	100.6	97.5	99.5	96.7
2010	696	98.9	98.4	99.6	99.1	99.6	100.1	99.8	100.5	97.3	99.2	97.1
2011	516	98.8	100.2	99.7	100.4	99.3	100.4	99.6	100.6	97.9	99.3	97.8
2012	388	99.0	101.2	99.7	101.3	99.2	100.4	99.6	100.9	98.2	99.3	98.2
2013	286	99.0	101.9	99.9	101.8	99.4	100.5	99.5	100.8	98.6	99.6	98.2
2014	281	99.0	102.3	100.0	101.9	99.4	100.7	99.5	100.9	98.8	99.5	98.6
2015	175	99.0	103.5	100.3	102.4	99.9	100.9	99.2	100.8	99.3	99.7	98.6
2016	95	98.8	101.7	100.3	101.9	98.9	100.7	99.2	101.0	98.3	99.6	98.4
2017	60	99.2	103.1	100.6	102.1	100.0	100.8	99.4	101.1	99.3	99.9	98.1

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	16	100.0	0	0.0	0	0.0	16	97.8
1990	14	100.0	0	0.0	0	0.0	14	98.1
1991	13	100.0	0	0.0	0	0.0	13	98.2
1994	16	100.0	0	0.0	0	0.0	16	97.9
1995	23	100.0	0	0.0	0	0.0	23	97.7
1996	13	100.0	0	0.0	0	0.0	13	97.5
1997	16	100.0	0	0.0	0	0.0	16	98.1
1998	15	100.0	0	0.0	0	0.0	15	97.9
1999	20	100.0	0	0.0	0	0.0	20	98.4
2000	31	100.0	0	0.0	0	0.0	31	98.4
2001	18	100.0	0	0.0	0	0.0	18	98.1
2002	11	100.0	0	0.0	0	0.0	11	98.4
2003	14	100.0	0	0.0	0	0.0	14	97.5
2004	16	100.0	0	0.0	0	0.0	16	99.0
2005	11	99.9	0	0.0	0	0.0	11	96.9
2006	16	100.0	0	0.0	0	0.0	16	96.8
2007	10	99.9	0	0.0	0	0.0	10	97.0
2008	11	100.0	0	0.0	0	0.0	11	98.3
2009	14	100.0	0	0.0	0	0.0	14	96.1
2010	13	100.0	0	0.0	0	0.0	13	98.7
2011	16	100.0	0	0.0	1	99.0	15	98.9

Tabel: 252 Belgisch Blauw: Reproductiestoornissen  
 Basis: Belgisch witblauw  
 Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
2011	10	108.1	107.1	108.9	106.9	105.6	102.7
2012	16	108.7	107.7	108.9	107.4	106.1	103.1
2013	17	108.5	107.5	108.8	107.1	106.0	102.9

Tabel: 253 Brand rood: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2004	18	-898.2	-48.6	-40.6	-36.0	-15.6	-13.3	10.2	-279.3
2006	14	-857.9	-45.4	-35.5	-32.9	-13.2	-6.4	12.1	-250.7
2007	19	-917.4	-50.2	-39.9	-36.3	-17.2	-10.6	11.2	-280.2
2008	18	-778.2	-43.4	-35.7	-31.3	-15.8	-11.9	8.5	-247.1
2009	15	-1016.6	-51.2	-39.4	-41.1	-11.7	-3.5	10.7	-281.4
2010	20	-781.4	-39.9	-34.5	-31.1	-9.8	-9.2	9.1	-234.8
2011	22	-719.1	-40.0	-33.1	-27.3	-14.2	-11.2	10.5	-228.2
2012	19	-543.6	-36.2	-28.5	-18.1	-19.9	-14.1	12.2	-198.2
2013	27	-391.9	-27.0	-23.4	-15.0	-15.4	-14.4	5.2	-156.9
2014	24	-489.9	-26.4	-24.5	-17.3	-7.7	-10.1	8.7	-161.1
2016	10	-823.7	-40.5	-34.6	-33.0	-5.8	-7.0	9.0	-236.7
2017	11	-769.3	-39.6	-33.9	-31.3	-10.0	-9.2	8.0	-231.6
2018	10	-803.5	-36.0	-32.9	-32.2	0.1	-5.6	8.8	-220.2
2019	18	-965.2	-43.7	-39.1	-40.9	-0.4	-5.5	7.1	-264.2

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

Tabel: 254 Brand rood: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
2000	16	99.0	99.3	98.0	98.6	99.0	99.2	92.9	98.4	98.7
2001	14	99.2	100.3	98.9	99.6	99.6	100.0	93.7	99.6	99.5
2002	25	99.2	100.0	98.8	99.2	99.4	99.7	93.3	99.2	99.3
2003	28	98.6	100.0	98.0	98.8	98.8	98.6	91.7	98.6	98.5
2004	60	99.3	100.2	98.6	99.2	99.3	99.1	91.3	99.2	99.1
2005	39	99.1	100.1	98.3	99.1	99.1	98.9	91.5	99.0	98.8
2006	61	98.8	100.1	98.0	99.0	98.9	98.9	91.3	98.9	98.7
2007	70	98.9	100.1	98.1	99.1	99.0	99.1	91.9	98.9	98.8
2008	88	99.2	100.6	98.7	99.6	99.5	99.2	91.8	99.5	99.4
2009	113	98.8	100.4	98.3	99.3	99.1	99.0	91.9	99.1	99.0
2010	129	99.0	100.3	98.3	99.2	99.1	99.1	91.5	99.1	99.0
2011	165	99.0	100.1	98.2	99.1	99.1	99.2	91.7	98.9	99.0
2012	157	99.2	99.7	98.1	98.9	99.2	99.5	91.8	98.7	98.9
2013	182	99.4	99.7	98.2	98.9	99.3	99.4	92.1	98.7	98.9
2014	201	99.3	100.2	98.6	99.4	99.5	99.6	92.5	99.3	99.4
2015	161	99.1	99.9	98.2	99.1	99.2	99.4	92.4	98.8	98.9
2016	192	99.1	100.1	98.3	99.2	99.3	99.4	92.2	99.0	99.0
2017	177	99.0	100.3	98.4	99.4	99.2	99.2	92.1	99.1	99.1
2018	181	98.7	100.6	98.4	99.5	99.1	99.0	92.4	99.3	99.0
2019	168	98.9	100.5	98.6	99.6	99.3	99.2	92.6	99.4	99.2
2020	101	99.1	100.6	98.9	99.9	99.6	99.7	93.1	99.6	99.6
2021	68	99.1	100.7	98.9	99.9	99.6	99.6	93.4	99.7	99.5
2022	30	98.9	100.8	98.9	99.8	99.5	99.2	93.1	99.8	99.5

Tabel: 255 Brand rood: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
2004	18	-105.8	-279.3	-46.1	98.7	99.1	0.0	0.0	98.4	42.1
2006	14	-129.4	-250.7	-176.7	97.9	98.7	0.0	0.0	98.4	35.4
2007	19	-124.5	-280.2	-165.9	99.3	98.8	91.0	93.0	98.6	40.5
2008	18	-107.4	-247.1	-162.7	98.2	99.4	0.0	0.0	98.6	29.3
2009	15	-126.3	-281.4	-200.2	98.2	99.0	0.0	0.0	98.6	24.7
2010	20	-104.0	-234.8	-189.9	97.6	99.0	0.0	0.0	98.9	25.8
2011	22	-110.2	-228.2	-124.0	97.7	99.0	0.0	0.0	98.7	25.2
2012	19	-90.8	-198.2	-102.8	98.1	98.9	0.0	0.0	99.0	23.5
2013	27	-77.2	-156.9	-100.7	96.4	98.9	0.0	0.0	99.1	19.6
2014	24	-69.3	-161.1	-59.4	97.8	99.4	0.0	0.0	99.0	19.0
2016	10	-103.1	-236.7	-104.7	96.7	99.0	0.0	0.0	99.3	26.5
2017	11	-92.1	-231.6	-106.3	98.0	99.1	0.0	0.0	99.2	25.7
2018	10	-97.9	-220.2	-95.6	97.6	99.0	0.0	0.0	99.4	25.3
2019	18	-119.7	-264.2	-168.3	97.0	99.2	89.0	96.0	99.6	34.4

Tabel: 256 Brand rood: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2004	22	99.0	98.0	99.0	98.0	97.2	98.9
2005	16	99.9	98.2	99.9	98.2	98.1	99.2
2006	27	99.5	98.1	99.5	98.1	98.0	99.0
2007	32	99.7	98.1	99.7	98.1	97.7	98.9
2008	45	99.5	98.1	99.5	98.1	97.7	98.9
2009	51	100.0	97.6	100.0	97.6	98.2	99.0
2010	68	100.2	98.0	100.2	98.0	98.3	99.2
2011	90	99.9	98.0	99.9	98.0	98.1	99.0
2012	103	100.6	98.1	100.6	98.1	98.7	99.4
2013	102	100.5	98.3	100.5	98.3	98.7	99.5
2014	105	100.3	98.2	100.3	98.2	98.5	99.4
2015	74	100.3	98.2	100.3	98.2	98.5	99.3
2016	94	100.5	98.2	100.5	98.2	98.7	99.4
2017	86	100.6	98.0	100.6	98.0	99.1	99.4
2018	106	100.8	98.0	100.8	98.0	99.3	99.6
2019	74	100.8	98.2	100.8	98.2	99.3	99.6
2020	87	100.7	98.4	100.7	98.4	99.1	99.7
2021	62	100.8	98.5	100.8	98.5	99.4	99.9
2022	67	101.0	98.3	101.0	98.3	99.4	99.6
2023	54	100.6	98.5	100.6	98.5	99.1	99.5
2024	11	101.0	99.0	101.0	99.0	99.5	100.0

Tabel: 257 Brand rood: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2003	12	90.8	101.9	111.9	110.5	91.0	89.7
2004	26	93.6	102.0	109.2	110.0	92.4	90.3
2005	14	93.0	101.8	109.8	109.2	90.9	90.9
2006	28	90.0	102.5	112.3	109.2	92.9	90.6



2007	29	92.0	100.9	110.7	109.9	92.8	89.3
2008	39	91.5	101.0	111.0	109.5	92.2	90.0
2009	55	93.0	101.4	109.7	109.9	91.5	90.1
2010	47	92.9	101.1	109.7	109.9	91.5	89.4
2011	62	91.5	102.0	111.2	110.1	90.9	89.5
2012	66	90.5	103.1	112.3	109.7	92.1	91.2
2013	70	91.6	102.0	111.1	109.4	91.2	91.1
2014	76	93.1	101.0	109.8	110.3	90.1	89.6
2015	61	93.3	100.8	109.4	109.1	90.9	90.2
2016	70	94.3	100.0	108.5	109.5	90.5	90.0
2017	83	93.9	100.7	108.8	109.0	90.8	90.0
2018	77	94.1	100.3	108.8	109.3	90.3	89.5
2019	67	94.3	99.8	108.4	109.6	89.8	89.1
2020	64	94.5	100.3	108.5	109.4	90.9	89.8
2021	57	95.6	99.0	107.5	109.9	90.2	89.6
2022	74	94.0	100.3	108.9	109.0	91.2	89.9
2023	73	93.6	100.0	109.2	108.9	91.1	90.1

Tabel: 258 Brand rood: Vleeskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2003	20	99.5	111.0	95.2	104.9	105.8	100.2	96.9	97.3	112.0	94.5	104.2
2004	30	100.7	111.7	95.4	104.0	107.7	99.7	96.8	99.6	113.8	93.6	104.7
2005	21	100.5	112.5	97.1	103.6	108.6	100.8	96.3	99.0	114.9	95.0	104.4
2006	29	98.6	109.9	95.5	103.5	105.1	100.0	95.8	97.6	111.3	94.4	102.7
2007	27	97.7	110.1	95.5	102.7	105.5	100.3	95.0	96.9	111.9	94.1	102.3
2008	36	98.4	110.2	96.2	103.0	105.6	100.8	95.4	97.6	111.9	94.8	102.9
2009	23	99.0	111.8	96.8	103.0	107.5	100.5	95.7	97.5	113.7	95.0	103.2
2010	23	99.2	112.2	96.5	103.8	107.6	101.0	96.2	96.6	113.7	95.6	103.6
2011	12	99.8	111.1	95.8	103.4	107.4	99.7	96.6	98.2	113.2	93.9	103.8

Tabel: 259 Brand rood: Kalvervitaliteit  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2003	13	102.2	99.8	101.3
2004	38	102.3	99.9	101.4
2005	34	102.6	99.9	101.6
2006	34	103.2	100.6	102.2
2007	43	103.1	100.5	102.0
2008	64	103.0	100.4	101.9
2009	74	102.7	100.3	101.7
2010	98	102.8	100.3	101.7
2011	109	103.2	100.6	102.0
2012	125	102.6	100.1	101.8
2013	121	102.3	99.8	101.6
2014	136	102.6	100.0	101.8
2015	104	102.1	99.7	101.4
2016	106	102.4	99.9	101.7
2017	117	102.2	99.8	101.6
2018	132	102.7	100.2	102.0
2019	101	103.1	100.6	102.2
2020	97	102.9	100.5	102.1
2021	94	102.9	100.5	102.0
2022	97	103.1	100.6	102.3

2023	76	103.4	100.8	102.6
2024	11	102.9	100.5	101.9

Tabel: 260 Brand rood: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	15	-1905.0	-7125.8	-323.2	-273.8
2006	10	-2809.2	-11178.7	-484.8	-397.2
2007	12	-2560.0	-9816.8	-442.0	-363.2
2008	12	-2578.9	-10071.7	-448.3	-364.0
2009	16	-2618.9	-10453.6	-455.1	-369.2
2010	16	-2571.1	-10078.2	-443.1	-364.9
2011	18	-2146.7	-8345.9	-365.5	-307.2
2012	18	-1892.5	-7048.9	-327.4	-269.3
2013	17	-1748.7	-6650.1	-300.6	-249.5
2014	18	-1653.1	-6590.5	-278.6	-237.6
2017	10	-1967.8	-7594.3	-332.5	-283.1
2019	17	-2410.0	-9647.1	-403.6	-347.6

Tabel: 261 Brand rood: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
2004	18	96.5	99.6	18	-2.5	42.1	0	0.0
2006	14	97.7	98.4	14	-2.2	35.4	0	0.0
2007	19	97.7	97.6	19	-2.5	40.5	1	94.0
2008	18	98.1	98.2	18	-2.0	29.3	0	0.0
2009	15	97.9	99.1	15	-2.3	24.7	0	0.0
2010	20	97.7	98.9	20	-1.9	25.8	0	0.0
2011	22	97.4	98.5	23	-1.8	25.2	0	0.0
2012	19	98.4	99.5	19	-1.6	23.5	0	0.0
2013	27	97.1	98.3	27	-1.3	19.6	0	0.0
2014	24	97.0	98.1	24	-1.3	19.0	0	0.0
2016	10	97.0	98.7	10	-1.9	26.5	0	0.0
2017	11	97.2	98.9	11	-1.9	25.7	0	0.0
2018	10	97.9	98.4	10	-1.8	25.3	0	0.0
2019	18	97.5	98.3	18	-2.2	34.4	1	87.0

Tabel: 262 Fleck Vies: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	14	-515.6	-36.9	-26.2	-24.9	-22.7	-11.9	-1.9	-192.6
1985	34	-342.7	-29.2	-20.2	-17.0	-22.5	-12.1	-1.9	-149.1
1986	31	-80.6	-17.4	-13.7	-4.9	-21.2	-16.5	-1.9	-94.2
1987	60	-212.4	-20.3	-16.0	-10.9	-17.3	-12.9	-1.8	-111.5
1988	62	-277.7	-24.2	-18.4	-14.0	-19.0	-13.0	-1.9	-130.3
1989	46	-385.8	-25.3	-22.5	-18.9	-12.7	-13.0	-1.9	-151.1
1990	48	-219.9	-21.7	-16.3	-11.3	-19.0	-13.0	-2.0	-115.9
1991	35	-195.1	-21.4	-16.3	-10.2	-19.9	-14.4	-1.9	-114.9
1992	51	-138.8	-20.3	-15.9	-7.6	-21.8	-17.0	-2.0	-110.3

1993	53	-50.4	-19.2	-13.1	-3.6	-26.4	-17.5	-2.0	-95.1
1994	74	-134.1	-20.8	-15.1	-7.4	-23.3	-15.9	-1.9	-107.9
1995	92	-89.2	-15.5	-12.7	-5.4	-18.3	-14.9	-2.0	-86.3
1996	105	-276.2	-24.8	-18.6	-13.9	-20.6	-13.6	-1.9	-132.5
1997	97	-134.4	-19.7	-14.6	-7.4	-21.8	-15.2	-2.0	-103.8
1998	189	-389.3	-30.2	-23.3	-19.0	-21.6	-14.7	-1.8	-164.8
1999	247	-359.4	-29.6	-22.2	-17.8	-22.4	-14.5	-2.0	-158.6
2000	214	-429.8	-31.9	-24.3	-20.9	-21.3	-14.0	-1.9	-173.0
2001	452	-526.3	-38.1	-28.1	-25.4	-24.9	-14.5	-1.9	-202.9
2002	528	-559.3	-35.8	-29.7	-26.9	-18.5	-15.3	-1.9	-205.0
2003	557	-530.6	-35.6	-29.0	-25.8	-20.0	-15.7	-2.3	-201.6
2004	459	-241.8	-25.3	-18.3	-13.0	-23.2	-14.8	-3.1	-132.2
2005	942	-247.7	-24.6	-18.9	-13.9	-21.6	-15.4	-4.1	-133.4
2006	617	-106.2	-18.6	-14.1	-7.2	-21.6	-15.7	-3.6	-99.2
2007	556	-30.9	-16.1	-10.8	-3.4	-22.8	-14.6	-3.1	-79.0
2008	715	28.6	-14.2	-9.0	-0.9	-23.6	-15.2	-3.4	-66.9
2009	595	54.5	-12.3	-8.0	0.1	-22.3	-15.0	-3.7	-58.5
2010	856	131.1	-10.3	-6.2	3.6	-24.2	-16.4	-3.7	-46.0
2011	729	334.2	-3.0	0.7	12.0	-25.8	-16.7	-5.0	0.2
2012	855	437.5	3.2	4.9	17.4	-23.0	-15.8	-4.0	32.0
2013	905	546.4	8.5	8.9	21.8	-22.1	-15.6	-4.9	60.9
2014	1049	612.0	10.6	10.6	24.9	-22.8	-16.4	-4.6	73.5
2015	986	713.4	15.8	14.4	29.0	-21.6	-16.1	-5.4	100.8
2016	1000	791.0	18.2	16.1	32.2	-22.8	-17.6	-5.8	113.8
2017	1015	891.3	22.7	19.2	36.8	-22.5	-18.1	-5.8	137.3
2018	860	940.7	25.5	21.5	38.8	-21.4	-17.3	-6.0	153.6
2019	970	1003.2	30.1	24.6	41.2	-18.7	-16.1	-6.7	176.3
2020	1060	1092.0	33.0	26.5	45.1	-20.0	-17.6	-6.8	191.6
2021	835	1123.9	37.0	29.6	46.3	-16.5	-15.1	-7.2	213.1
2022	21	1221.0	41.4	33.0	51.3	-15.8	-15.0	-6.3	238.0

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

Tabel: 263 Fleck Vieh: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1989	14	102.6	101.6	99.9	94.0	104.6	99.3	94.1
1990	19	103.6	103.0	100.6	94.5	105.2	100.7	94.1
1992	21	104.2	102.1	100.5	95.2	104.6	100.8	94.2
1993	23	104.1	103.4	100.5	94.3	106.2	102.5	92.8
1994	32	103.4	104.8	101.1	94.0	106.8	102.3	93.2
1995	48	103.2	104.3	100.5	94.2	106.6	100.2	93.0
1996	29	103.8	104.6	100.4	94.0	107.2	101.6	93.0
1997	39	103.2	103.8	100.2	94.0	106.8	101.0	93.1
1998	46	102.9	103.5	100.2	94.0	106.0	101.2	93.2
1999	76	103.5	103.4	100.4	94.3	105.9	101.1	93.4
2000	44	103.0	102.8	99.6	93.2	105.9	101.0	93.7
2001	69	102.7	103.0	99.9	93.9	105.3	100.3	93.3
2002	90	102.0	101.6	98.1	92.5	105.1	100.6	92.3
2003	87	103.0	102.6	99.5	93.7	105.3	101.2	93.0
2004	73	102.7	103.1	99.2	92.9	105.6	100.7	92.9
2005	127	102.9	102.6	99.0	93.1	105.2	101.6	92.9
2006	88	103.4	103.3	99.9	93.5	105.6	101.5	93.5
2007	80	103.3	102.8	99.5	93.3	105.4	101.2	93.8
2008	86	102.9	102.8	99.1	93.1	105.7	101.2	93.2
2009	68	102.9	102.9	99.4	93.2	105.2	100.9	92.8
2010	75	103.0	102.3	99.1	93.1	105.5	101.5	92.7
2011	46	102.7	102.7	99.1	93.1	105.6	101.2	92.5
2012	42	103.5	103.8	101.0	94.6	106.1	101.5	93.4
2013	65	104.6	102.8	100.9	95.1	105.5	101.4	93.4

2014	43	103.8	102.8	100.3	94.3	105.7	101.5	93.1
2015	50	104.5	103.1	101.4	95.6	104.7	101.6	94.2
2016	31	104.6	103.0	102.2	96.7	104.8	101.3	93.6
2017	40	103.9	102.6	101.2	95.8	104.6	102.4	92.9
2018	28	104.8	102.9	102.1	96.8	104.5	101.7	93.9
2019	34	104.6	102.2	100.8	95.7	104.6	102.2	93.1
2020	24	106.5	103.7	102.6	97.2	105.2	101.6	95.1
2021	27	105.7	102.8	102.1	97.0	104.9	102.1	94.1

Tabel: 264 Fleck Vieh: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1989	14	97.2	96.6	109.9	100.4	97.4
1990	19	98.3	96.3	111.1	102.0	97.8
1992	21	98.0	96.2	110.9	101.8	97.8
1993	23	100.3	95.1	113.3	103.8	99.6
1994	32	100.6	95.2	113.4	104.2	99.8
1995	48	98.8	95.0	113.1	103.4	98.6
1996	29	99.5	95.1	113.0	104.1	99.0
1997	39	98.9	95.1	113.1	103.5	98.2
1998	46	100.0	95.1	113.4	103.4	99.3
1999	76	99.4	95.2	113.0	103.1	98.7
2000	44	99.2	95.5	112.5	102.3	98.6
2001	69	99.1	95.8	112.1	102.5	98.7
2002	90	97.9	95.5	111.5	100.5	97.3
2003	87	98.2	95.8	111.6	101.4	97.8
2004	73	98.2	95.1	112.2	101.8	98.0
2005	127	98.1	95.6	111.4	101.3	97.8
2006	88	98.1	96.0	111.4	102.3	97.8
2007	80	98.4	95.7	111.9	101.5	98.2
2008	86	98.6	95.5	112.1	101.8	98.3
2009	68	98.4	96.2	111.2	102.0	98.1
2010	75	98.3	95.7	111.9	101.4	98.0
2011	46	98.5	96.0	111.5	101.7	98.1
2012	42	99.1	95.5	112.4	103.2	98.3
2013	65	98.8	96.0	111.7	102.3	98.1
2014	43	98.7	96.1	111.6	102.1	98.3
2015	50	98.4	96.2	111.1	102.6	98.0
2016	31	98.8	96.6	110.8	103.2	98.6
2017	40	98.6	95.9	111.3	102.7	98.3
2018	28	99.0	96.3	111.6	103.0	98.7
2019	34	99.2	96.9	111.1	102.6	98.7
2020	24	99.1	96.4	111.7	103.5	98.5
2021	27	98.5	96.0	111.4	102.6	98.0

Tabel: 265 Fleck Vieh: Exterieurkenmerken uier  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1989	14	100.2	99.9	102.4	101.6	96.0	98.6	97.9	101.8
1990	19	98.6	98.4	103.0	99.9	93.5	97.1	96.5	100.2
1992	21	98.3	98.4	102.1	99.7	94.0	97.2	96.5	99.6
1993	23	97.3	97.5	102.0	98.5	92.7	97.0	96.0	99.2
1994	32	97.2	97.8	103.2	98.3	92.6	97.3	96.2	99.7
1995	48	98.4	98.2	101.6	99.6	93.0	97.1	95.9	99.4

1996	29	99.0	98.7	101.8	100.2	92.9	96.9	96.0	99.9
1997	39	99.2	98.8	101.2	100.2	93.2	97.0	96.1	99.8
1998	46	98.2	98.8	102.7	99.2	94.1	97.7	96.9	100.1
1999	76	98.2	99.0	101.9	99.4	93.9	97.6	96.9	99.9
2000	44	98.5	99.0	103.1	99.6	93.8	98.1	97.5	100.2
2001	69	99.1	99.2	102.6	100.1	93.9	98.1	97.4	100.2
2002	90	99.4	99.6	102.7	100.6	94.1	97.9	97.3	101.4
2003	87	98.8	98.6	102.5	99.5	93.7	97.0	96.4	100.0
2004	73	99.0	99.2	102.5	100.0	93.5	97.5	97.0	100.1
2005	127	98.2	98.3	102.3	99.5	92.8	96.9	96.2	99.7
2006	88	98.3	98.6	101.7	99.5	93.1	97.6	96.8	99.5
2007	80	98.4	99.0	102.0	99.4	93.2	97.7	97.3	99.5
2008	86	98.7	98.5	101.9	99.7	93.4	97.3	96.5	100.0
2009	68	98.6	99.6	102.4	99.9	92.9	97.8	97.5	100.6
2010	75	98.7	98.4	102.1	99.8	93.1	96.8	96.2	99.5
2011	46	98.1	98.3	103.1	99.2	92.5	96.9	96.3	99.9
2012	42	98.4	99.3	101.5	99.0	93.0	97.2	96.8	98.5
2013	65	98.8	99.6	101.7	99.4	93.8	97.6	97.2	99.4
2014	43	98.3	98.3	102.2	99.3	93.0	96.7	96.1	99.0
2015	50	99.0	100.1	101.9	99.6	94.0	97.6	97.4	100.0
2016	31	99.4	99.7	100.5	99.9	93.9	97.0	96.6	99.8
2017	40	99.4	99.8	101.6	100.0	94.0	97.6	97.0	99.5
2018	28	100.0	100.0	101.5	100.0	95.1	98.1	97.5	100.0
2019	34	99.6	100.2	101.2	100.2	95.1	97.9	97.4	100.5
2020	24	101.0	100.8	100.5	101.2	96.5	98.8	98.1	100.5
2021	27	100.7	101.0	100.1	101.1	95.7	98.5	98.0	100.6

Tabel: 266 Fleck Vieh: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1989	14	98.3	95.9	98.4	97.6	107.0	95.7
1990	19	99.9	96.7	95.3	98.5	107.6	95.4
1992	21	99.8	96.4	95.2	98.2	106.3	95.1
1993	23	100.2	97.7	93.8	100.6	108.1	96.3
1994	32	100.8	98.1	93.8	100.8	108.6	96.8
1995	48	99.5	97.3	94.8	99.2	108.0	95.7
1996	29	100.2	97.7	95.1	99.7	109.0	96.3
1997	39	99.5	97.0	95.5	98.9	108.1	95.7
1998	46	99.4	97.3	95.5	100.2	108.0	96.7
1999	76	99.7	97.1	95.5	99.6	107.4	96.2
2000	44	99.2	96.8	95.8	99.5	107.8	96.2
2001	69	98.6	96.4	96.3	99.5	107.1	96.2
2002	90	96.8	94.2	96.6	97.7	106.6	94.5
2003	87	98.6	95.8	95.2	98.4	107.1	94.8
2004	73	98.4	95.5	95.8	98.4	107.3	95.0
2005	127	98.5	95.2	94.6	98.2	106.9	94.4
2006	88	99.5	96.1	95.2	98.5	107.7	95.2
2007	80	99.3	96.2	95.4	98.8	107.4	95.5
2008	86	98.7	95.9	95.3	98.9	107.2	95.3
2009	68	98.4	95.5	95.6	98.7	107.2	95.2
2010	75	98.3	95.6	95.0	98.5	107.2	94.7
2011	46	98.3	95.7	94.3	98.7	107.0	94.6
2012	42	100.1	97.2	94.9	99.1	107.9	95.7
2013	65	100.1	96.9	95.8	98.8	107.1	95.9
2014	43	99.6	96.6	94.5	99.0	107.2	95.3
2015	50	100.7	96.9	96.2	98.6	106.9	96.1
2016	31	100.5	97.4	95.9	99.3	106.6	96.5
2017	40	100.0	96.6	96.3	99.0	106.3	96.2
2018	28	100.8	97.4	97.0	99.4	106.8	97.1

2019	34	99.9	96.8	96.9	99.5	106.4	96.9
2020	24	102.3	98.5	98.8	99.3	107.0	98.5
2021	27	101.4	97.6	98.5	98.6	107.0	97.4

Tabel: 267 Fleck Vieh: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1984	12	99.2	103.0	99.8	101.4	100.8	97.0	98.9	101.4	100.2
1985	25	98.2	103.6	99.4	101.6	100.1	96.1	98.7	101.6	99.8
1986	24	98.8	103.0	99.9	101.3	100.6	96.2	98.7	101.6	100.0
1987	55	98.8	103.4	100.1	101.7	100.7	96.3	99.0	101.9	100.2
1988	50	98.6	103.7	100.1	101.9	100.7	96.3	99.2	102.0	100.3
1989	38	98.2	103.7	99.9	101.9	100.4	96.7	98.9	101.9	100.2
1990	45	98.7	103.8	100.4	102.2	100.8	96.7	99.3	102.2	100.5
1991	36	98.8	103.8	100.4	102.1	100.9	96.6	99.1	102.2	100.5
1992	46	97.7	103.6	99.3	101.4	99.7	96.5	99.1	101.4	99.6
1993	53	98.0	103.7	99.6	101.5	99.9	96.7	98.5	101.6	99.9
1994	64	98.5	104.1	100.5	102.3	100.7	96.7	99.0	102.5	100.5
1995	90	98.8	103.7	100.5	102.1	100.8	96.9	98.1	102.2	100.6
1996	88	98.8	103.8	100.5	102.2	100.7	96.9	97.8	102.3	100.6
1997	82	98.4	103.7	100.3	101.9	100.4	96.8	98.3	102.0	100.3
1998	153	97.5	103.5	99.3	101.1	99.2	96.7	97.6	101.4	99.5
1999	203	97.5	103.7	99.5	101.3	99.3	96.6	97.8	101.6	99.6
2000	176	97.1	104.0	99.4	101.3	99.0	96.2	97.4	101.7	99.4
2001	316	97.0	104.2	99.4	101.4	98.8	96.4	97.0	101.7	99.5
2002	416	96.4	103.7	98.6	100.5	97.7	96.5	96.0	101.1	98.7
2003	459	96.6	103.8	98.8	100.7	98.0	96.4	96.2	101.2	98.9
2004	448	97.2	104.1	99.5	101.5	99.0	96.5	96.9	101.8	99.6
2005	948	96.8	103.7	98.8	101.0	98.4	96.0	97.1	101.2	99.0
2006	660	96.7	103.7	98.8	100.9	98.4	95.8	97.1	101.1	98.9
2007	605	96.6	103.5	98.6	100.7	98.2	95.5	97.6	100.9	98.6
2008	815	96.8	103.1	98.4	100.5	98.1	95.6	97.8	100.7	98.5
2009	671	97.7	103.5	99.7	101.6	99.4	96.8	99.9	101.6	99.8
2010	1013	97.8	103.2	99.6	101.3	99.4	97.0	100.0	101.4	99.7
2011	862	97.8	103.4	99.9	101.7	99.7	96.9	100.6	101.7	99.9
2012	1081	98.3	103.3	100.2	101.9	100.3	97.0	101.2	101.8	100.2
2013	1098	98.7	103.2	100.4	102.0	100.7	96.9	101.2	102.0	100.4
2014	1308	98.9	102.9	100.4	101.9	100.7	97.3	101.7	101.8	100.5
2015	1298	98.9	103.0	100.6	102.0	100.9	97.1	102.1	101.9	100.6
2016	1340	98.9	102.6	100.4	101.7	100.7	96.9	102.0	101.6	100.3
2017	1288	99.0	102.6	100.5	101.7	100.9	97.1	102.0	101.7	100.4
2018	1095	99.3	102.8	101.1	102.2	101.5	97.3	102.1	102.1	100.9
2019	1200	99.4	102.8	101.2	102.3	101.7	97.4	102.6	102.2	101.1
2020	1310	99.1	102.7	100.9	102.1	101.4	97.2	102.5	101.9	100.8
2021	1074	99.1	102.6	100.8	102.1	101.5	97.3	102.7	101.9	100.8
2022	314	99.1	102.6	100.9	102.0	101.6	97.2	102.6	101.9	100.8

Tabel: 268 Fleck Vieh: Gebruikskkenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	14	97.3	97.0	100.6	103.1	102.4
1992	20	97.8	98.5	100.4	102.5	101.7
1993	29	97.6	98.4	100.9	103.2	101.6
1994	34	96.9	98.8	100.6	102.7	101.5

1995	56	96.5	98.1	100.4	102.8	101.4
1996	36	96.7	97.9	100.3	103.0	101.9
1997	43	96.9	97.5	100.5	103.1	101.6
1998	39	96.8	99.7	99.8	102.7	101.4
1999	82	97.7	98.5	99.6	102.6	101.3
2000	45	96.7	97.2	99.7	102.5	101.3
2001	70	96.9	97.7	99.4	102.5	103.0
2002	76	96.9	98.3	99.0	102.5	103.3
2003	86	96.7	98.9	99.0	102.7	102.3
2004	88	97.0	98.3	99.6	102.8	102.6
2005	149	98.0	98.6	99.4	101.9	102.0
2006	106	97.6	98.0	99.9	102.6	101.7
2007	106	97.6	98.9	99.6	101.4	100.8
2008	143	97.5	99.3	99.6	101.8	101.3
2009	112	97.2	100.0	99.8	101.9	101.3
2010	130	97.5	98.9	100.1	102.2	101.5
2011	102	97.0	99.3	100.7	102.3	101.5
2012	153	97.8	99.0	100.9	102.7	101.4
2013	124	98.0	98.2	101.4	103.1	101.6
2014	114	97.4	98.9	101.3	103.0	101.2
2015	162	98.0	98.3	101.6	103.2	101.3
2016	116	97.7	99.0	101.9	103.4	101.4
2017	146	97.8	99.6	102.3	103.7	101.6
2018	104	98.2	99.0	102.5	104.0	101.6
2019	159	98.2	99.0	102.9	104.5	101.7
2020	205	99.2	99.1	102.9	104.5	101.8
2021	51	99.3	98.8	103.3	104.7	102.0

Tabel: 269 Fleck Vieh: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1984	14	-60.0	-192.6	-210.0	103.8	100.2	97.0	100.0	100.0	0.0
1985	34	-45.1	-149.1	-7.0	103.0	99.8	93.0	101.0	102.0	32.5
1986	31	-13.5	-94.2	356.7	103.5	100.0	95.6	99.4	99.8	13.1
1987	60	-22.0	-111.5	369.7	102.7	100.2	96.0	97.2	99.2	18.9
1988	62	-30.1	-130.3	138.7	102.9	100.3	98.0	98.4	101.0	20.4
1989	46	-34.0	-151.1	44.6	102.7	100.2	98.4	97.6	99.0	20.8
1990	48	-16.2	-115.9	257.7	103.0	100.5	95.3	98.5	99.7	6.0
1991	35	-16.8	-114.9	55.0	103.0	100.5	96.0	97.4	100.5	10.3
1992	51	-18.4	-110.3	302.9	102.2	99.6	95.2	98.2	99.3	8.7
1993	53	-5.0	-95.1	316.4	102.7	99.9	93.8	100.6	100.1	-0.1
1994	74	-9.6	-107.9	341.6	102.3	100.5	93.8	100.8	100.3	2.1
1995	92	-2.0	-86.3	386.2	102.3	100.6	94.8	99.2	100.8	-7.0
1996	105	-12.3	-132.5	404.7	102.6	100.6	95.1	99.7	100.8	17.8
1997	97	-5.8	-103.8	357.5	102.5	100.3	95.5	98.9	100.6	7.9
1998	189	-25.8	-164.8	373.9	102.2	99.5	95.5	100.2	100.0	30.3
1999	247	-24.7	-158.6	361.6	102.0	99.6	95.5	99.6	100.2	23.6
2000	214	-30.4	-173.0	354.0	102.0	99.4	95.8	99.5	100.6	35.3
2001	452	-34.2	-202.9	326.3	103.2	99.5	96.3	99.5	100.6	47.0
2002	528	-39.5	-205.0	289.4	103.3	98.7	96.6	97.7	100.0	49.7
2003	557	-41.2	-201.6	159.1	102.7	98.9	95.2	98.4	100.0	42.0
2004	459	-18.9	-132.2	43.4	103.0	99.6	95.8	98.4	100.1	14.1
2005	942	-30.7	-133.4	40.7	102.2	99.0	94.6	98.2	100.2	14.7
2006	617	-7.5	-99.2	91.6	102.3	98.9	95.2	98.5	100.2	7.1
2007	556	-14.3	-79.0	110.4	101.2	98.6	95.4	98.8	100.2	6.8
2008	715	0.2	-66.9	116.6	101.6	98.5	95.3	98.9	100.1	5.8
2009	595	7.3	-58.5	96.6	101.7	99.8	95.6	98.7	100.0	2.8
2010	856	18.3	-46.0	104.9	102.0	99.7	95.0	98.5	100.1	5.2
2011	729	29.8	0.2	88.3	102.1	99.9	94.3	98.7	100.2	-10.0

2012	855	39.3	32.0	73.8	102.2	100.2	94.9	99.1	100.8	-18.7
2013	905	48.7	60.9	81.5	102.5	100.4	95.8	98.8	101.0	-26.2
2014	1049	59.1	73.5	104.9	102.2	100.5	94.5	99.0	101.0	-19.9
2015	986	67.0	100.8	110.1	102.3	100.6	96.2	98.6	101.2	-24.8
2016	1000	74.8	113.8	129.4	102.6	100.3	95.9	99.3	101.1	-23.2
2017	1015	92.1	137.3	165.8	102.8	100.4	96.3	99.0	101.2	-24.1
2018	860	100.6	153.6	177.7	103.0	100.9	97.0	99.4	101.4	-23.3
2019	970	112.4	176.3	179.7	103.2	101.1	96.9	99.5	101.6	-25.8
2020	1060	114.8	191.6	194.2	103.3	100.8	98.8	99.3	101.8	-29.9
2021	835	125.0	213.1	211.6	103.5	100.8	98.5	98.6	102.1	-44.8
2022	21	138.7	238.0	222.2	103.9	100.8	98.0	100.0	102.4	-78.0

Tabel: 270 Fleck Vieh: Klauwgezondheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	13	93.7	91.7	96.8	98.7	97.8	103.0	96.4
2001	16	93.8	88.9	98.4	100.4	96.4	104.9	94.9
2003	26	95.0	92.1	98.1	100.8	98.2	103.9	95.9
2004	33	95.7	91.7	98.8	101.2	98.0	104.4	96.5
2005	53	94.6	90.7	98.2	100.7	97.2	104.1	95.9
2006	41	94.9	90.2	99.3	101.1	97.3	104.8	94.9
2007	50	96.1	92.0	99.1	100.9	98.6	105.0	96.4
2008	67	95.3	91.7	98.2	100.3	98.9	105.0	96.5
2009	45	94.8	91.0	98.4	100.5	97.5	104.7	95.8
2010	72	95.2	92.2	97.9	100.1	98.7	104.5	96.5
2011	48	94.5	90.8	98.1	100.2	97.0	104.4	96.0
2012	61	95.1	91.5	98.3	100.7	98.4	104.7	95.7
2013	85	94.4	92.1	97.1	99.5	98.3	103.7	96.7
2014	81	94.9	91.9	97.8	99.9	98.5	104.4	96.4
2015	98	94.5	91.8	97.6	99.6	98.0	103.9	96.4
2016	88	94.5	92.0	97.4	99.5	98.1	103.8	96.4
2017	135	94.2	92.0	97.0	99.1	98.1	103.7	96.8
2018	84	94.7	91.7	97.8	99.9	98.0	104.4	96.4
2019	93	94.9	91.9	97.9	99.8	98.2	104.3	96.7
2020	92	94.2	91.2	97.6	99.6	97.7	104.0	96.1
2021	68	94.2	90.9	97.9	99.9	97.3	104.0	96.0

Tabel: 271 Fleck Vieh: Levensvatbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1990	13	98.6	101.7	98.6	101.7	100.8	103.2
1992	22	97.8	101.9	97.8	101.9	100.6	103.2
1993	35	97.8	103.0	97.8	103.0	100.9	104.6
1994	46	98.5	102.9	98.5	102.9	101.0	104.3
1995	70	98.6	103.1	98.6	103.1	100.4	104.2
1996	59	98.6	103.0	98.6	103.0	100.7	104.3
1997	58	98.6	102.9	98.6	102.9	100.6	104.2
1998	83	98.3	102.4	98.3	102.4	100.2	103.5
1999	117	98.4	102.3	98.4	102.3	100.2	103.7
2000	80	99.5	102.3	99.5	102.3	101.3	104.3
2001	135	99.3	102.2	99.3	102.2	100.9	103.4
2002	162	98.5	101.7	98.5	101.7	100.3	102.8
2003	185	98.1	101.9	98.1	101.9	100.2	103.3
2004	203	98.5	101.9	98.5	101.9	100.3	103.3



2005	397	98.3	101.9	98.3	101.9	100.1	103.5
2006	327	98.1	102.0	98.1	102.0	99.8	103.4
2007	386	98.3	102.1	98.3	102.1	100.2	103.6
2008	567	98.2	102.1	98.2	102.1	100.3	103.4
2009	563	97.9	102.1	97.9	102.1	100.1	103.4
2010	790	98.2	102.1	98.2	102.1	100.5	103.3
2011	734	98.0	102.3	98.0	102.3	100.4	103.4
2012	1025	98.4	102.8	98.4	102.8	100.8	103.9
2013	1140	98.5	102.9	98.5	102.9	100.9	103.9
2014	1403	98.5	102.8	98.5	102.8	100.8	103.8
2015	1669	98.7	103.0	98.7	103.0	100.8	103.9
2016	1769	98.4	103.0	98.4	103.0	100.6	103.8
2017	1714	98.3	103.1	98.3	103.1	100.5	103.8
2018	1574	98.3	103.3	98.3	103.3	100.5	104.3
2019	1548	98.5	103.4	98.5	103.4	100.8	104.3
2020	1622	98.8	103.4	98.8	103.4	100.9	104.2
2021	1747	99.3	103.5	99.3	103.5	101.4	104.3
2022	1789	99.6	103.6	99.6	103.6	101.7	104.5
2023	1786	99.8	103.5	99.8	103.5	102.0	104.4
2024	201	99.7	103.6	99.7	103.5	102.0	104.3

Tabel: 272 Fleck Vieh: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	12	88.8	111.4	115.5	111.1	91.7	92.3
1990	22	89.3	112.5	115.8	113.1	91.3	91.9
1992	28	89.8	112.7	114.9	111.9	92.9	93.1
1993	38	90.1	112.7	115.3	113.2	91.6	92.7
1994	45	89.5	112.8	115.7	113.3	92.6	92.2
1995	73	89.9	112.5	115.2	113.1	91.6	91.6
1996	59	89.9	113.0	115.3	113.2	91.6	91.2
1997	61	90.1	112.5	115.0	112.8	91.4	91.5
1998	84	89.7	112.6	115.1	112.3	92.2	92.1
1999	120	89.8	112.6	115.2	112.5	91.3	91.6
2000	85	89.3	113.1	115.9	113.5	91.9	91.7
2001	132	89.8	112.3	115.4	113.3	91.0	91.1
2002	158	89.4	112.6	115.9	113.9	90.8	90.8
2003	189	89.4	113.3	115.8	114.0	91.1	90.7
2004	212	89.4	113.0	115.8	113.6	90.6	90.9
2005	360	89.4	112.5	115.9	114.0	89.7	90.5
2006	321	89.4	112.8	116.0	114.1	90.0	90.6
2007	347	89.2	113.0	116.2	114.2	90.0	90.6
2008	452	89.1	112.7	116.4	114.6	89.7	90.2
2009	469	88.7	112.5	116.7	114.6	90.2	90.5
2010	642	89.0	112.7	116.4	114.5	90.5	90.6
2011	522	89.3	111.9	116.0	114.2	90.4	91.0
2012	700	90.4	110.6	115.1	114.3	91.5	91.3
2013	837	90.6	110.9	114.9	114.0	91.4	91.5
2014	923	90.8	110.5	114.7	114.2	91.5	91.4
2015	1028	91.4	109.9	114.0	114.0	91.8	91.5
2016	1054	91.7	110.0	113.7	114.1	91.6	91.0
2017	1072	92.2	110.2	113.2	113.5	91.7	91.3
2018	865	92.5	110.0	112.8	113.6	91.4	90.9
2019	818	92.7	109.8	112.6	113.7	91.8	91.0
2020	751	93.3	109.4	112.0	113.7	91.7	90.8
2021	764	93.5	109.4	111.9	113.9	91.1	90.7
2022	784	93.8	109.7	111.6	113.8	90.4	90.6
2023	645	94.0	108.9	111.3	114.0	91.4	90.7
2024	96	94.1	109.2	111.2	114.0	91.6	90.8

Tabel: 273 Fleck Vieh: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1987	15	104.9	111.5	101.1	107.1	106.9	102.1	103.5	98.5	110.1	100.1	110.9
1989	14	105.0	111.4	101.1	107.6	106.3	102.4	103.9	98.2	109.6	100.8	110.9
1990	24	105.5	112.4	100.0	108.4	107.1	102.0	104.0	98.3	110.3	100.3	111.6
1991	15	105.3	113.6	99.9	108.9	107.7	102.1	103.7	98.0	111.0	100.5	111.7
1992	34	105.1	112.4	100.8	108.4	106.5	102.8	103.3	99.1	110.1	100.7	111.6
1993	41	105.4	115.0	101.1	108.6	108.9	103.1	102.8	98.8	113.1	100.4	112.1
1994	55	105.3	114.8	101.6	108.9	108.2	103.1	103.1	98.5	112.6	101.0	111.9
1995	76	105.0	113.9	101.7	108.5	107.5	103.1	103.0	98.4	111.9	101.2	111.4
1996	62	105.5	114.7	101.1	108.7	108.4	102.7	103.1	98.9	112.8	100.6	111.8
1997	64	105.0	114.3	101.2	108.6	108.0	102.7	103.1	98.0	112.4	100.8	111.3
1998	104	104.9	115.4	101.2	108.9	108.4	103.0	102.6	98.2	113.2	100.8	111.1
1999	144	105.3	115.0	101.7	108.8	108.8	102.9	102.9	98.4	113.1	101.0	111.2
2000	110	105.0	115.9	101.3	108.7	109.0	102.8	102.3	98.5	113.8	100.5	111.2
2001	163	105.2	116.4	101.2	108.9	109.8	102.4	102.8	97.9	114.5	100.6	111.3
2002	236	105.3	117.4	101.4	109.5	110.1	102.7	102.6	97.9	115.1	100.9	111.3
2003	271	104.2	115.9	102.2	108.7	108.4	103.1	101.5	98.2	113.8	100.5	110.7
2004	283	104.7	116.2	101.6	109.2	108.7	103.0	102.2	98.1	113.7	100.7	111.2
2005	617	104.9	116.4	102.0	108.9	109.5	103.0	102.4	97.7	114.1	100.9	111.3
2006	438	104.4	115.1	102.5	108.1	108.5	103.1	102.0	97.8	113.2	100.7	111.0
2007	356	104.8	114.9	102.2	108.4	108.5	102.9	102.4	98.4	113.0	100.5	111.3
2008	385	104.8	114.9	102.0	108.6	108.2	103.0	102.5	98.3	112.8	100.8	111.3
2009	303	104.8	114.9	101.6	109.2	107.7	103.2	102.8	98.2	112.2	101.4	111.3
2010	312	104.6	113.7	102.0	108.2	107.4	103.1	102.7	98.0	111.7	101.2	111.0
2011	185	104.9	112.7	101.5	108.2	106.9	102.7	103.3	98.2	110.7	101.1	110.8
2012	131	105.2	111.1	101.6	108.2	106.1	102.5	104.2	98.2	109.3	101.4	111.1
2013	112	105.0	110.2	101.7	107.8	105.3	102.9	103.7	99.1	108.9	101.1	111.0
2014	71	104.9	109.8	101.5	107.6	105.3	102.6	103.9	98.5	108.5	101.1	110.6
2015	52	104.9	109.3	101.5	108.0	104.6	102.2	104.3	98.3	107.7	100.9	110.8
2016	31	104.3	108.3	101.5	106.8	104.2	102.3	103.7	98.5	107.2	101.2	109.4
2017	36	104.7	108.7	101.8	106.8	104.9	102.3	103.9	98.5	107.6	101.4	109.6
2018	27	104.2	109.2	101.6	107.2	104.7	102.1	103.4	98.3	107.7	100.8	109.7
2019	32	104.3	109.1	101.5	106.8	105.2	102.2	103.3	98.6	108.3	100.7	109.8
2020	23	105.3	107.1	102.1	106.7	104.2	102.0	104.9	99.0	106.6	100.8	110.8
2021	25	104.6	106.8	101.9	106.1	104.0	102.2	104.0	99.2	106.4	101.3	109.4

Tabel: 274 Fleck Vieh: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	14	94.1	96.0	92.1
1992	24	93.1	95.2	91.8
1993	35	92.5	95.3	90.7
1994	49	92.6	95.1	91.3
1995	73	93.3	95.9	91.3
1996	61	93.5	96.0	91.4
1997	61	93.4	95.7	91.7
1998	86	93.3	95.6	92.1
1999	120	93.4	95.6	92.4
2000	84	92.5	94.4	92.4
2001	136	92.6	94.2	93.1
2002	165	92.8	94.1	93.8

2003	194	93.9	95.6	93.5
2004	201	93.7	95.4	93.4
2005	377	93.7	95.3	93.6
2006	317	94.2	96.0	93.6
2007	392	94.2	96.0	93.7
2008	587	94.2	96.1	93.2
2009	604	93.9	95.8	93.2
2010	802	93.9	95.7	93.2
2011	721	94.6	96.3	93.7
2012	940	94.6	96.5	93.3
2013	1155	94.9	96.8	93.5
2014	1407	95.0	96.8	93.6
2015	1648	94.8	96.6	93.4
2016	1713	95.0	96.8	93.4
2017	1652	95.4	97.2	93.7
2018	1617	95.7	97.5	93.6
2019	1503	95.8	97.6	93.6
2020	1584	96.0	97.7	94.0
2021	1853	95.8	97.5	93.9
2022	2070	96.0	97.5	94.0
2023	2073	96.4	97.7	94.3
2024	202	96.5	97.8	94.3

Tabel: 275 Fleck Vieh: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	190	839.3	4443.6	138.7	118.6
2002	230	521.7	3029.1	93.4	69.1
2003	311	-209.6	98.0	-34.1	-34.1
2004	349	-658.4	-1798.7	-116.9	-94.7
2005	739	-704.1	-2046.1	-121.2	-102.9
2006	530	-264.3	-221.1	-45.8	-40.3
2007	443	-53.2	584.3	-11.7	-9.0
2008	584	28.4	993.8	-0.1	3.6
2009	519	-54.9	627.9	-12.0	-9.4
2010	752	45.1	1164.4	4.1	5.0
2011	666	101.7	1415.1	11.3	14.2
2012	827	160.5	1561.7	25.1	21.0
2013	885	321.4	2197.8	53.1	43.7
2014	1005	525.9	3082.8	88.9	72.3
2015	961	668.0	3638.1	114.8	91.9
2016	956	847.3	4471.4	146.4	116.6
2017	1013	1185.4	5865.6	207.1	163.3
2018	849	1359.4	6521.9	237.1	188.2
2019	973	1458.5	6831.7	256.4	201.5
2020	1047	1628.5	7617.2	287.4	224.5
2021	853	1834.0	8216.4	324.4	253.6
2022	22	2008.9	8882.7	352.9	279.5

Tabel: 276 Fleck Vieh: Robot / AMS kenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1990	13	94.8	103.4	95.3	94.5
1992	21	95.5	103.9	95.4	95.1

1993	31	95.9	103.9	95.3	95.5
1994	34	95.2	103.4	95.3	94.4
1995	59	95.9	104.0	95.1	95.3
1996	43	95.1	104.0	95.0	94.7
1997	53	95.5	104.1	95.3	95.3
1998	53	95.5	103.8	95.3	94.9
1999	82	96.0	104.0	95.5	95.7
2000	52	95.6	103.7	95.1	94.8
2001	86	96.2	104.3	94.8	95.6
2002	92	95.2	104.7	95.2	95.4
2003	95	94.9	104.3	95.4	95.0
2004	101	95.1	103.8	94.9	94.7
2005	157	95.9	102.8	95.6	94.8
2006	142	96.1	104.3	94.6	95.2
2007	164	95.7	103.8	95.0	94.7
2008	230	95.5	103.3	94.9	94.3
2009	209	95.1	103.0	95.3	94.1
2010	342	95.1	102.7	95.4	94.0
2011	304	94.7	103.0	95.5	94.0
2012	367	95.8	103.2	95.0	94.7
2013	341	96.1	103.7	94.7	95.1
2014	377	96.3	104.5	94.8	95.8
2015	408	96.9	105.1	94.4	96.4
2016	428	97.0	106.0	94.5	97.2
2017	424	97.1	106.9	94.4	97.8
2018	398	97.8	107.7	94.3	98.8
2019	443	98.0	108.8	94.8	100.1
2020	503	98.9	109.7	94.2	100.9
2021	391	100.0	110.4	93.8	102.2
2022	21	99.3	110.9	94.1	102.0

Tabel: 277 Fleck Vieh: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1984	14	96.1	99.1	0	0.0	0.0	0	0.0
1985	34	96.4	99.1	34	-1.5	32.5	0	0.0
1986	31	96.7	98.3	31	-0.8	13.1	0	0.0
1987	60	96.6	98.7	60	-1.0	18.9	0	0.0
1988	62	96.6	98.5	63	-1.2	20.4	0	0.0
1989	46	96.5	99.0	46	-1.3	20.8	0	0.0
1990	48	96.1	98.8	47	-0.8	6.0	0	0.0
1991	35	96.5	99.1	35	-0.9	10.3	0	0.0
1992	51	95.7	98.9	49	-0.8	8.7	0	0.0
1993	53	96.1	98.8	53	-0.6	-0.1	0	0.0
1994	74	95.9	98.4	73	-0.7	2.1	0	0.0
1995	92	95.8	98.0	89	-0.4	-7.0	0	0.0
1996	105	95.3	98.5	105	-1.1	17.8	0	0.0
1997	97	95.9	98.7	92	-0.8	7.9	0	0.0
1998	189	95.0	98.7	172	-1.5	30.3	0	0.0
1999	247	95.0	98.7	220	-1.3	23.6	0	0.0
2000	214	95.0	98.9	179	-1.7	35.3	0	0.0
2001	452	94.9	99.1	381	-2.1	47.0	54	105.0
2002	528	95.6	98.5	425	-2.2	49.7	60	102.8
2003	557	95.3	98.4	432	-2.1	42.0	66	103.9
2004	459	94.7	98.8	294	-1.2	14.1	64	103.8
2005	942	95.0	98.5	586	-1.1	14.7	113	103.4
2006	617	95.8	98.8	377	-0.8	7.1	84	104.5
2007	556	95.7	99.0	294	-0.6	6.8	71	104.3
2008	715	95.8	98.6	294	-0.6	5.8	76	104.1

2009	595	95.6	98.4	208	-0.4	2.8	61	103.6
2010	856	96.0	98.5	257	-0.5	5.2	72	103.2
2011	729	95.7	98.1	165	0.1	-10.0	43	103.3
2012	855	96.4	97.8	165	0.5	-18.7	42	105.3
2013	905	96.5	97.8	150	0.8	-26.2	64	104.6
2014	1049	96.9	98.0	154	0.7	-19.9	39	104.8
2015	986	97.0	97.8	113	0.9	-24.8	47	104.6
2016	1000	97.3	98.0	131	1.0	-23.2	31	104.6
2017	1015	97.7	97.9	122	1.1	-24.1	40	103.5
2018	860	98.1	97.8	99	1.1	-23.3	27	104.7
2019	970	98.3	97.9	89	1.4	-25.8	33	103.7
2020	1060	98.4	97.7	125	1.6	-29.9	24	106.2
2021	835	98.8	97.2	61	2.1	-44.8	27	104.9
2022	21	99.3	97.6	1	4.3	-78.0	1	103.0

Tabel: 278 Fleck Vieh: Stofwisselingsaandoeningen  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	10	99.8	0	0.0	0	0.0	10	95.2
1987	13	99.8	0	0.0	0	0.0	13	95.1
1988	11	99.8	0	0.0	0	0.0	11	95.5
1989	17	99.6	0	0.0	0	0.0	17	93.5
1990	27	99.9	1	104.0	2	99.5	27	95.2
1991	18	100.1	1	105.0	1	103.0	18	94.9
1992	33	99.8	0	0.0	0	0.0	33	94.7
1993	43	99.8	1	103.0	1	101.0	43	94.3
1994	45	99.7	0	0.0	2	99.5	45	94.3
1995	76	99.6	2	99.0	5	99.8	76	94.9
1996	59	99.8	2	103.5	2	100.5	59	95.1
1997	67	99.7	3	102.0	5	100.8	67	94.7
1998	91	99.7	2	103.0	3	101.7	91	94.3
1999	128	99.6	3	100.7	3	101.7	128	94.0
2000	108	99.6	0	0.0	1	99.0	108	94.1
2001	142	99.5	5	100.8	12	99.8	142	93.6
2002	180	99.7	7	102.1	10	100.0	180	94.2
2003	217	99.7	14	102.1	16	100.6	217	93.4
2004	197	99.6	8	102.9	12	101.0	197	93.4
2005	353	99.6	18	100.7	23	101.3	353	93.2
2006	337	99.5	21	101.2	29	100.2	337	93.3
2007	352	99.7	17	100.8	25	101.9	352	93.7
2008	507	99.8	27	101.7	28	100.6	507	93.8
2009	466	99.8	31	101.1	33	100.3	466	94.0
2010	652	99.8	29	102.3	34	101.1	652	93.8
2011	557	99.8	9	100.8	10	100.0	557	94.1
2012	628	100.0	22	101.8	29	100.3	628	94.5
2013	678	100.1	35	101.4	43	99.8	678	94.5
2014	791	99.9	39	100.6	47	99.8	791	94.5
2015	753	99.9	17	101.8	20	99.5	753	94.5
2016	749	99.9	16	99.9	24	99.2	749	94.6
2017	773	99.7	18	101.1	27	98.3	773	94.6
2018	715	99.7	13	100.2	36	100.2	715	95.0
2019	812	99.8	9	100.4	34	100.6	812	95.4
2020	914	99.8	1	99.0	14	101.1	914	95.4
2021	725	99.8	0	0.0	15	99.9	725	95.4
2022	19	99.8	0	0.0	0	0.0	19	95.4

Tabel: 279 Fleck Vieh: Reproductiestoornissen

Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	11	104.5	101.7	106.9	101.6	106.1	105.0
1995	36	103.8	101.0	106.6	101.1	105.9	104.2
1996	19	103.8	100.9	106.6	101.2	105.7	104.4
1997	30	103.5	100.6	106.4	100.8	105.7	104.2
1998	15	102.9	100.4	105.5	100.5	104.9	103.5
1999	31	103.8	101.2	106.2	101.2	105.7	104.3
2000	16	104.0	100.9	106.6	101.3	105.7	105.1
2001	52	103.5	100.3	106.2	101.1	105.5	104.6
2002	47	103.2	100.2	106.1	100.4	106.0	104.5
2003	47	103.8	101.1	106.4	100.9	106.1	105.0
2004	44	103.8	100.8	106.3	101.2	105.9	105.1
2005	74	104.0	101.1	106.6	101.3	106.2	104.9
2006	68	103.5	100.5	106.4	100.7	106.2	104.4
2007	56	104.0	101.2	106.5	101.3	106.2	104.9
2008	74	103.6	100.7	106.1	101.2	105.7	104.5
2009	54	103.8	100.9	106.3	101.4	105.7	104.5
2010	85	103.7	100.8	106.2	101.0	105.9	104.8
2011	56	103.3	100.4	105.8	101.1	105.4	104.1
2012	83	102.6	99.6	105.4	100.1	105.5	103.6
2013	115	102.6	99.9	105.3	100.2	105.1	103.7
2014	143	102.5	99.7	105.3	100.1	105.2	103.5
2015	93	101.9	99.1	104.6	99.5	104.9	103.0
2016	67	101.9	99.1	104.7	99.5	104.8	102.7
2017	88	102.7	99.9	105.2	100.3	105.2	103.7
2018	73	103.2	100.3	105.5	100.5	105.6	104.1
2019	92	102.0	99.4	104.4	99.7	104.8	103.1
2020	111	102.0	99.5	104.5	99.4	105.1	103.0
2021	36	102.1	99.5	104.7	99.6	104.8	103.1

Tabel: 280 Brown Swiss: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1982	10	-1982.6	-83.0	-70.6	-89.2	10.0	1.3	1.8	-490.7
1985	12	-1737.1	-75.1	-62.8	-78.0	4.7	-0.6	1.8	-438.7
1986	10	-2101.7	-83.5	-73.4	-94.7	18.2	3.5	1.5	-504.8
1987	12	-2068.6	-83.1	-72.1	-93.2	16.8	3.8	1.7	-498.1
1988	20	-2077.3	-83.0	-71.9	-93.5	17.1	4.7	1.6	-497.4
1989	30	-1835.0	-74.6	-64.3	-82.5	12.1	2.6	1.6	-445.1
1990	61	-1978.6	-79.4	-69.3	-89.1	15.5	3.0	1.6	-477.9
1991	50	-2083.0	-82.4	-72.9	-93.8	18.4	3.3	1.7	-499.9
1992	58	-1992.7	-80.0	-68.7	-89.7	15.3	5.0	1.7	-476.5
1993	74	-2088.7	-82.0	-72.4	-94.1	19.6	4.6	1.5	-497.4
1994	85	-1883.3	-77.1	-64.8	-84.7	11.7	4.6	1.7	-453.1
1995	117	-1829.6	-74.3	-62.6	-82.3	12.1	4.9	1.6	-437.5
1996	76	-1859.6	-74.1	-63.9	-83.6	15.0	4.9	1.6	-442.9
1997	89	-1781.0	-73.4	-62.5	-80.0	9.9	2.5	1.6	-434.6
1998	122	-1842.2	-74.3	-63.8	-82.8	13.0	3.9	1.6	-442.5
1999	166	-1789.4	-73.2	-61.3	-80.5	11.0	4.9	1.6	-429.3
2000	130	-1820.9	-74.8	-62.9	-81.2	10.8	4.2	2.8	-439.5
2001	202	-1828.1	-74.3	-62.0	-80.6	12.3	6.2	4.2	-434.5
2002	152	-1826.4	-73.7	-61.6	-80.1	13.1	6.7	4.9	-431.4
2003	149	-1743.0	-69.8	-58.7	-77.2	13.0	6.3	3.4	-410.5
2004	159	-1654.7	-67.7	-57.3	-73.7	10.0	3.6	2.6	-399.3
2005	132	-1619.3	-64.5	-55.5	-72.3	12.8	4.6	2.3	-384.5

2006	155	-1633.1	-66.2	-55.5	-73.5	11.1	5.3	1.3	-388.5
2007	154	-1608.9	-64.4	-54.1	-73.1	12.2	6.0	0.1	-379.0
2008	120	-1446.0	-59.7	-50.2	-65.2	8.1	3.0	1.0	-350.9
2009	154	-1317.7	-53.9	-46.2	-59.3	8.0	2.1	1.0	-320.3
2010	157	-1305.2	-53.5	-44.4	-59.0	7.8	4.1	0.6	-312.4
2011	155	-1314.4	-52.1	-44.3	-60.2	10.2	4.7	-0.5	-309.0
2012	145	-1233.4	-49.9	-41.5	-56.5	8.3	4.5	-0.5	-292.0
2013	189	-1077.2	-46.2	-37.8	-49.4	3.7	1.8	-0.5	-266.9
2014	150	-1150.4	-48.6	-38.0	-52.6	5.0	5.2	-0.4	-273.7
2015	150	-1051.8	-44.4	-36.2	-48.5	4.2	2.5	-0.9	-256.4
2016	97	-985.5	-45.2	-34.7	-46.5	-0.8	1.4	-2.2	-251.4
2017	155	-804.2	-39.4	-29.8	-37.7	-3.7	-0.5	-1.4	-216.2
2018	113	-805.0	-39.0	-28.8	-38.6	-3.2	0.8	-2.6	-211.6
2019	103	-726.7	-37.0	-27.1	-34.9	-5.2	-0.8	-2.6	-199.3
2020	139	-769.0	-36.2	-26.7	-36.9	-1.4	1.9	-2.6	-196.6
2021	92	-603.5	-28.9	-21.5	-29.4	-1.7	0.7	-2.5	-157.8

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

Tabel: 281 Brown Swiss: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	12	92.1	96.5	91.8	88.8	103.8	101.2	87.9
1988	15	92.0	96.8	90.9	87.9	104.3	99.0	87.9
1989	13	92.6	98.0	92.6	88.8	105.2	100.1	87.4
1990	33	93.6	98.2	93.3	89.6	104.8	100.6	87.3
1991	30	93.8	97.3	92.5	89.1	104.2	101.3	86.9
1992	44	93.2	97.3	93.0	89.7	103.5	100.7	87.9
1993	45	93.7	98.3	93.3	89.4	104.8	100.9	87.4
1994	56	93.4	98.3	93.6	90.2	104.1	100.8	88.4
1995	49	93.9	98.6	94.2	90.2	104.3	100.0	87.0
1996	40	94.4	99.0	94.5	90.0	104.7	100.5	87.8
1997	34	95.5	98.1	95.0	90.8	103.6	101.8	87.9
1998	54	94.2	97.7	94.0	89.9	104.0	101.3	87.1
1999	85	94.3	98.1	94.4	90.5	103.8	101.2	87.9
2000	48	95.2	98.9	94.9	90.5	104.4	101.5	88.2
2001	68	94.0	97.9	93.9	89.7	103.9	100.7	87.6
2002	30	94.8	98.8	95.4	90.7	104.1	100.5	88.3
2003	54	94.1	98.7	93.9	89.7	104.7	101.5	87.7
2004	58	95.0	98.7	94.3	90.2	104.5	101.3	88.0
2005	44	95.8	98.8	95.1	90.8	104.2	101.0	88.2
2006	64	94.6	99.1	94.5	90.1	104.9	100.5	87.2
2007	56	95.8	99.4	95.1	90.6	104.4	100.4	88.2
2008	54	96.3	99.1	95.6	91.3	103.8	100.5	88.7
2009	60	96.7	98.2	95.0	91.2	103.2	101.3	88.4
2010	65	96.7	99.0	95.3	91.2	103.5	101.0	88.9
2011	56	96.7	99.2	95.5	91.4	103.6	100.9	88.7
2012	60	97.4	99.4	95.8	91.2	103.5	101.1	89.0
2013	75	97.1	98.8	95.3	91.5	103.4	101.5	88.6
2014	52	97.0	99.1	95.5	91.7	103.4	100.6	87.9
2015	65	97.3	98.2	94.7	91.2	102.8	101.2	88.7
2016	44	97.9	99.2	95.6	91.3	103.6	100.8	88.4
2017	81	97.0	98.4	95.0	91.4	103.3	101.4	88.2
2018	36	97.5	99.8	96.3	92.8	103.4	101.7	88.8
2019	22	99.0	99.4	97.0	93.4	102.3	100.6	89.0
2020	36	98.0	99.6	96.1	92.1	103.6	102.1	88.3
2021	20	99.9	100.0	98.0	94.2	102.3	101.2	88.4

Tabel: 282 Brown Swiss: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	12	104.1	99.0	108.6	100.5	103.5
1988	15	104.0	98.5	108.2	100.7	103.9
1989	13	104.2	98.1	110.2	100.5	103.8
1990	33	104.1	98.2	110.2	100.7	103.8
1991	30	104.4	98.8	109.3	100.5	103.7
1992	44	104.1	98.6	109.9	101.0	103.6
1993	45	103.9	98.6	109.7	100.9	103.4
1994	56	102.9	98.8	109.6	100.7	102.5
1995	49	104.3	98.6	110.4	101.1	103.8
1996	40	104.6	99.0	110.6	101.3	103.7
1997	34	104.6	98.2	110.9	101.1	103.5
1998	54	104.2	98.2	110.9	101.2	103.2
1999	85	104.2	98.8	110.2	101.0	103.4
2000	48	104.9	98.0	110.7	101.6	104.1
2001	68	104.4	97.6	111.1	101.1	103.5
2002	30	104.6	99.0	110.3	101.3	103.7
2003	54	104.1	97.4	111.4	101.8	103.7
2004	58	104.4	97.9	110.7	101.6	103.8
2005	44	104.1	97.8	111.2	101.3	103.2
2006	64	104.9	98.8	110.8	101.8	104.3
2007	56	104.6	98.4	110.9	101.9	103.8
2008	54	104.5	98.2	111.1	101.8	103.9
2009	60	105.0	97.5	111.2	101.2	104.2
2010	65	105.5	97.6	111.6	101.7	104.6
2011	56	104.7	98.0	111.1	102.0	103.8
2012	60	104.4	97.3	111.8	101.9	103.2
2013	75	105.3	96.8	111.9	101.9	104.2
2014	52	105.8	96.7	112.3	102.0	104.8
2015	65	104.1	96.8	112.3	100.6	103.1
2016	44	105.8	96.3	112.5	101.8	104.6
2017	81	105.9	97.0	111.9	102.0	104.7
2018	36	105.8	97.0	111.6	102.4	104.6
2019	22	105.2	95.7	113.1	101.4	103.5
2020	36	104.2	96.5	112.0	102.0	103.1
2021	20	105.0	97.7	110.7	102.8	103.3

Tabel: 283 Brown Swiss: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1985	12	90.6	95.2	105.2	91.9	86.6	92.5	93.1	93.3
1988	15	91.2	97.3	104.7	92.7	87.3	93.5	94.9	94.7
1989	13	90.3	96.1	106.8	91.5	86.3	92.5	93.7	94.9
1990	33	91.3	96.5	105.1	92.7	86.3	92.5	93.6	93.9
1991	30	91.5	96.2	105.7	93.2	87.0	92.4	93.7	94.5
1992	44	91.5	96.6	105.4	92.7	87.5	92.9	93.9	94.6
1993	45	91.3	96.2	104.9	92.7	86.9	92.7	93.7	94.4
1994	56	91.2	96.5	105.1	92.3	87.8	93.1	94.0	95.1
1995	49	91.4	97.3	104.4	92.1	86.8	93.1	94.5	93.9
1996	40	91.2	96.5	105.3	92.6	87.0	93.0	94.3	94.2
1997	34	92.0	96.6	105.3	93.2	87.9	93.6	94.6	95.2
1998	54	90.8	96.2	105.3	91.9	86.9	92.8	93.9	94.6
1999	85	91.8	96.9	105.3	92.5	87.3	93.1	94.4	94.2
2000	48	91.8	96.8	104.8	92.6	86.9	93.3	94.5	93.7



2001	68	91.7	96.7	105.5	92.7	87.7	93.8	94.5	94.9
2002	30	92.1	97.2	104.1	92.9	87.6	94.0	95.1	94.1
2003	54	92.8	97.6	104.6	93.1	87.6	93.7	94.5	93.9
2004	58	92.8	96.7	104.7	93.5	88.1	94.2	94.7	94.1
2005	44	92.6	97.4	103.6	93.0	87.9	94.0	95.0	93.7
2006	64	93.0	97.5	104.5	93.6	87.8	94.0	95.0	93.9
2007	56	93.2	97.2	103.7	93.9	87.9	94.2	95.0	93.9
2008	54	93.1	98.0	104.2	93.6	88.4	94.8	95.7	94.3
2009	60	93.2	99.0	103.9	93.8	88.8	95.1	96.4	94.4
2010	65	93.5	98.3	104.4	93.9	89.0	94.8	95.9	94.5
2011	56	93.5	98.8	103.9	93.9	88.3	95.0	96.1	94.2
2012	60	94.0	98.9	103.2	94.3	87.8	94.9	96.2	93.2
2013	75	93.7	99.2	104.0	93.9	88.5	94.9	96.1	93.8
2014	52	94.5	100.3	102.9	94.7	89.2	95.3	96.8	93.9
2015	65	93.7	99.6	102.1	94.5	88.9	95.2	96.9	94.8
2016	44	94.2	99.8	103.0	94.6	89.8	95.5	96.8	94.8
2017	81	93.7	100.0	103.2	94.1	89.4	95.5	97.0	94.6
2018	36	93.6	100.4	103.5	93.6	89.4	95.8	97.1	93.8
2019	22	94.5	100.9	104.1	93.9	90.2	96.2	97.6	95.4
2020	36	94.6	100.5	102.5	94.7	90.2	96.1	97.5	94.5
2021	20	96.6	103.3	102.2	96.2	91.3	97.2	99.3	94.7

Tabel: 284 Brown Swiss: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	12	90.8	91.4	87.0	104.7	0.0	91.5
1988	15	89.5	91.0	87.7	104.8	0.0	91.6
1989	13	90.2	92.6	86.5	105.2	0.0	91.5
1990	33	91.8	93.4	87.4	105.0	0.0	92.5
1991	30	91.5	92.1	87.6	104.9	0.0	92.2
1992	44	91.8	92.3	88.0	104.8	0.0	92.6
1993	45	91.9	93.3	87.6	104.5	0.0	92.4
1994	56	92.5	93.6	88.0	103.6	0.0	92.4
1995	49	92.3	93.7	87.6	105.0	0.0	92.9
1996	40	93.0	94.0	87.5	105.1	0.0	93.1
1997	34	94.4	93.9	88.6	104.9	0.0	93.9
1998	54	92.7	93.1	87.3	104.6	0.0	92.5
1999	85	93.2	93.6	88.0	104.7	0.0	93.2
2000	48	94.1	94.4	88.0	105.4	0.0	93.9
2001	68	92.7	93.1	88.4	104.7	0.0	93.1
2002	30	94.0	94.4	88.6	104.8	0.0	93.8
2003	54	92.7	93.7	89.0	104.7	0.0	93.5
2004	58	93.6	93.9	89.2	104.9	0.0	94.1
2005	44	94.5	94.3	89.1	104.4	0.0	94.2
2006	64	92.8	94.0	89.2	105.7	0.0	94.3
2007	56	94.3	94.6	89.6	105.1	0.0	94.7
2008	54	95.1	94.8	89.7	105.1	0.0	95.0
2009	60	95.0	94.0	90.0	105.4	0.0	95.2
2010	65	95.1	94.6	90.2	105.8	0.0	95.6
2011	56	95.3	94.8	89.9	105.0	0.0	95.0
2012	60	95.7	94.6	90.0	104.5	0.0	95.0
2013	75	95.3	94.5	90.1	105.4	0.0	95.4
2014	52	94.9	94.6	91.1	106.0	0.0	96.1
2015	65	94.8	93.8	90.4	104.2	0.0	94.7
2016	44	95.1	94.4	91.1	105.7	0.0	95.9
2017	81	94.6	94.1	90.6	106.0	0.0	95.7
2018	36	96.1	95.6	90.5	105.7	0.0	96.2
2019	22	96.4	95.2	91.4	104.6	0.0	96.0
2020	36	95.5	95.0	91.6	104.0	0.0	95.6

2021 20 97.0 95.9 93.5 104.8 0.0 97.5

Tabel: 285 Brown Swiss: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1982	10	101.6	101.8	98.5	98.8	99.0	95.8	83.7	100.1	98.7
1985	11	103.0	100.8	99.0	98.8	100.1	96.5	82.7	99.7	99.1
1987	10	101.3	103.1	99.4	99.6	99.4	95.8	82.7	101.2	99.1
1988	18	102.9	102.5	100.2	100.3	100.7	96.1	81.7	101.4	100.0
1989	20	102.7	101.6	99.5	99.6	100.2	96.2	82.8	100.6	99.5
1990	59	103.3	101.8	99.9	99.8	100.7	96.6	82.2	100.9	99.9
1991	45	103.1	102.8	100.2	100.6	100.8	97.1	83.4	101.5	100.4
1992	56	102.9	102.6	99.9	100.3	100.5	96.2	82.3	101.4	99.9
1993	78	103.2	102.4	100.1	100.3	100.6	96.8	83.5	101.3	100.0
1994	57	103.0	101.7	99.6	99.7	100.3	96.3	83.3	100.6	99.5
1995	96	102.9	100.9	99.1	98.8	99.9	95.9	82.9	99.9	98.9
1996	62	102.3	101.6	99.1	99.2	99.6	96.2	84.0	100.2	99.0
1997	69	101.7	101.7	98.7	99.1	99.4	95.9	84.3	99.9	98.8
1998	100	101.5	101.7	98.7	98.9	99.1	95.9	83.5	100.1	98.7
1999	145	102.3	100.7	98.5	98.5	99.5	96.1	83.6	99.4	98.6
2000	126	102.7	100.8	98.9	98.8	99.8	96.1	83.4	99.7	98.8
2001	203	102.5	100.8	98.8	98.7	99.8	96.0	83.3	99.7	98.8
2002	160	102.6	100.8	98.8	98.7	99.7	96.1	83.6	99.7	98.7
2003	157	102.2	101.1	98.9	99.0	99.6	96.0	84.5	99.9	98.9
2004	179	101.9	101.4	98.9	99.1	99.6	96.5	84.9	100.1	99.0
2005	149	101.5	101.3	98.8	98.9	99.3	96.4	85.6	99.9	98.8
2006	177	101.8	101.7	99.1	99.3	99.6	96.4	85.8	100.3	99.1
2007	177	102.0	101.4	99.2	99.2	99.7	96.2	86.0	100.2	99.0
2008	138	101.7	102.1	99.5	99.8	99.9	96.4	86.7	100.8	99.5
2009	176	102.1	101.9	99.8	99.8	100.2	96.6	86.7	100.8	99.7
2010	180	102.0	102.0	99.9	100.0	100.2	96.6	87.1	100.9	99.7
2011	184	102.2	101.9	99.9	99.9	100.4	96.3	87.0	100.9	99.7
2012	169	102.1	102.1	100.1	100.2	100.5	96.4	87.4	101.2	99.9
2013	208	102.1	101.8	99.9	100.0	100.4	96.4	87.6	100.9	99.7
2014	201	102.9	101.7	100.6	100.3	101.2	97.1	87.8	101.2	100.3
2015	175	102.2	101.6	100.0	99.9	100.6	96.7	88.0	100.8	99.8
2016	136	102.4	102.2	100.5	100.6	100.9	97.0	88.6	101.4	100.4
2017	170	102.1	101.5	99.8	99.8	100.5	96.7	88.3	100.7	99.7
2018	150	102.2	101.3	99.8	99.7	100.6	96.6	88.5	100.5	99.6
2019	134	102.1	101.5	100.1	99.9	100.7	96.8	89.3	100.8	99.9
2020	169	102.4	101.7	100.4	100.2	100.9	96.9	89.6	101.2	100.1
2021	142	102.2	101.5	100.3	100.2	100.9	97.1	90.1	100.9	100.2
2022	48	102.5	101.4	100.4	100.1	101.0	97.2	90.0	100.9	100.1

Tabel: 286 Brown Swiss: Gebruikskkenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1988	12	93.1	94.4	96.3	97.6	99.9
1990	25	94.1	95.7	96.0	97.3	99.7
1991	28	93.6	94.0	95.0	96.5	99.1
1992	32	93.7	94.9	95.9	97.2	99.7
1993	38	93.1	95.8	95.1	96.5	99.4
1994	30	94.0	96.6	95.5	96.9	99.4
1995	39	95.6	97.1	96.1	97.2	100.1

1996	37	94.8	95.4	95.9	97.3	100.0
1997	33	95.2	96.0	96.0	97.0	99.8
1998	38	93.6	94.9	95.6	96.6	100.0
1999	43	95.6	97.2	96.1	97.0	100.0
2000	45	96.0	96.9	95.9	96.7	99.8
2001	61	96.1	98.0	95.3	96.3	99.6
2002	31	96.1	97.6	96.0	96.8	100.0
2003	53	96.5	98.0	96.3	97.0	100.2
2004	59	96.7	97.4	96.6	97.7	100.3
2005	42	96.0	98.3	96.7	97.6	100.2
2006	57	95.9	98.4	96.7	97.8	100.2
2007	57	96.5	98.1	96.7	97.6	100.3
2008	53	96.9	97.6	97.0	98.2	100.1
2009	66	96.6	97.8	97.3	97.8	100.2
2010	64	96.6	97.4	97.7	98.2	100.3
2011	56	97.4	97.1	97.8	98.3	100.6
2012	57	97.3	96.6	97.9	98.4	100.4
2013	73	97.2	96.6	98.3	98.5	100.3
2014	50	97.1	96.5	98.7	99.0	100.6
2015	46	97.5	95.6	98.1	98.3	100.2
2016	44	97.2	97.2	98.8	99.3	100.5
2017	61	96.8	97.8	98.7	98.8	100.0
2018	29	96.9	97.5	98.9	99.5	100.2
2019	25	98.0	97.1	98.8	99.0	99.9
2020	31	98.4	97.4	99.5	99.4	100.1
2021	14	98.0	96.5	99.3	99.6	100.2

Tabel: 287 Brown Swiss: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1982	10	-221.6	-490.7	-161.5	97.9	98.7	87.3	103.7	98.2	0.0
1985	12	-129.3	-438.7	-112.6	98.5	99.1	87.0	104.7	98.8	156.6
1986	10	-162.8	-504.8	-265.8	98.1	99.4	87.5	106.0	98.8	135.8
1987	12	-167.1	-498.1	-304.0	98.1	99.1	87.3	106.4	98.3	134.8
1988	20	-165.8	-497.4	-371.8	98.8	100.0	87.7	104.8	98.9	140.8
1989	30	-149.0	-445.1	-390.6	97.7	99.5	86.5	105.2	98.6	126.7
1990	61	-168.0	-477.9	-374.6	98.5	99.9	87.4	105.0	98.7	129.8
1991	50	-189.9	-499.9	-441.2	97.7	100.4	87.6	104.9	98.4	116.6
1992	58	-176.1	-476.5	-382.1	98.5	99.9	88.0	104.8	98.2	126.4
1993	74	-193.7	-497.4	-406.0	97.9	100.0	87.6	104.5	97.8	122.3
1994	85	-160.0	-453.1	-315.8	98.2	99.5	88.0	103.6	97.3	147.1
1995	117	-153.8	-437.5	-280.7	98.7	98.9	87.6	105.0	97.6	127.0
1996	76	-166.2	-442.9	-299.4	98.7	99.0	87.5	105.1	97.6	103.1
1997	89	-153.8	-434.6	-204.4	98.5	98.8	88.6	104.9	98.0	119.9
1998	122	-165.7	-442.5	-304.4	98.4	98.7	87.3	104.6	97.5	113.4
1999	166	-163.1	-429.3	-291.3	98.6	98.6	88.0	104.7	98.6	96.9
2000	130	-174.8	-439.5	-335.1	98.3	98.8	88.0	105.4	98.8	102.1
2001	202	-180.6	-434.5	-354.0	97.9	98.8	88.4	104.7	99.8	93.0
2002	152	-182.1	-431.4	-363.5	98.5	98.7	88.6	104.8	98.8	80.2
2003	149	-171.4	-410.5	-344.6	98.7	98.9	89.0	104.7	99.0	79.8
2004	159	-156.3	-399.3	-258.9	99.0	99.0	89.2	104.9	99.0	72.9
2005	132	-148.3	-384.5	-240.9	99.1	98.8	89.1	104.4	99.1	76.0
2006	155	-145.3	-388.5	-244.0	99.1	99.1	89.2	105.7	99.2	77.7
2007	154	-145.6	-379.0	-228.2	99.1	99.0	89.6	105.1	99.3	80.2
2008	120	-127.2	-350.9	-170.0	99.2	99.5	89.7	105.1	99.3	70.8
2009	154	-114.8	-320.3	-143.0	99.0	99.7	90.0	105.4	99.3	76.9
2010	157	-114.1	-312.4	-169.1	99.3	99.7	90.2	105.8	99.3	67.8
2011	155	-108.7	-309.0	-147.1	99.5	99.7	89.9	105.0	99.5	67.0
2012	145	-105.0	-292.0	-117.5	99.5	99.9	90.0	104.5	99.4	52.7

2013	189	-96.4	-266.9	-124.0	99.5	99.7	90.1	105.4	99.6	55.1
2014	150	-85.0	-273.7	-55.4	99.9	100.3	91.1	106.0	99.8	59.4
2015	150	-79.9	-256.4	-23.6	99.4	99.8	90.4	104.2	99.9	71.3
2016	97	-73.2	-251.4	-9.6	99.9	100.4	91.1	105.7	100.2	44.1
2017	155	-69.0	-216.2	-10.4	99.4	99.7	90.6	106.0	100.3	50.9
2018	113	-69.4	-211.6	-46.4	99.9	99.6	90.5	105.7	100.6	46.8
2019	103	-67.6	-199.3	-23.0	99.5	99.9	91.4	104.6	100.6	31.8
2020	139	-62.2	-196.6	-63.7	99.8	100.1	91.6	104.0	100.8	38.2
2021	92	-47.2	-157.8	-25.7	100.0	100.2	93.5	104.8	100.9	25.3

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1996	12	99.6	102.2	99.1	101.2	98.0	104.1	96.0
1998	16	98.6	99.6	99.6	102.3	95.4	105.1	94.6
1999	17	99.1	101.5	98.5	101.7	96.9	104.5	96.6
2000	20	100.3	102.6	99.9	102.0	97.3	104.5	96.6
2001	21	98.9	101.5	98.4	100.8	97.5	104.6	96.3
2002	13	99.7	102.3	98.8	101.5	97.8	104.6	97.4
2003	24	99.8	102.0	99.5	101.5	97.2	104.0	97.2
2004	30	100.3	102.4	100.0	102.1	97.8	104.0	96.6
2005	21	99.4	101.3	100.0	101.9	96.9	104.0	95.0
2006	29	99.7	102.7	99.4	101.3	97.6	103.5	96.3
2007	26	100.3	102.8	99.8	101.7	98.3	104.2	96.3
2008	29	100.8	101.8	100.4	101.9	98.5	104.3	97.2
2009	41	100.8	103.5	99.4	101.2	99.3	103.5	98.3
2010	38	101.1	103.5	99.9	101.5	99.3	104.2	97.4
2011	34	100.3	101.9	100.7	101.9	97.6	104.2	95.3
2012	46	100.5	102.2	100.7	101.8	98.3	104.2	95.8
2013	47	100.8	102.8	100.3	101.5	98.7	104.2	96.8
2014	42	100.8	102.6	100.2	101.6	99.3	104.7	97.0
2015	36	100.7	103.6	98.8	100.5	100.6	104.0	98.7
2016	33	100.1	102.6	99.1	100.5	99.0	104.0	98.0
2017	58	100.2	102.3	99.6	100.9	98.3	104.0	97.6
2018	26	100.2	102.8	99.9	100.7	97.9	103.2	97.0
2019	22	99.7	102.3	99.3	100.8	98.0	103.3	96.8
2020	25	100.2	102.3	100.3	101.1	97.9	103.4	96.0
2021	12	99.1	102.4	99.2	100.0	97.2	101.8	96.3

Tabel: 289 Brown Swiss: Levensvatbaarheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1988	13	95.3	102.5	95.3	102.5	93.5	101.9
1989	12	95.8	102.2	95.8	102.2	93.5	101.6
1990	39	96.2	102.4	96.2	102.4	93.8	101.6
1991	36	95.3	102.2	95.3	102.2	93.8	101.5
1992	45	95.7	102.3	95.7	102.3	93.9	101.6
1993	69	94.9	102.3	94.9	102.3	93.2	101.5
1994	66	94.2	102.2	94.2	102.2	92.4	101.5
1995	80	95.0	102.3	95.0	102.3	92.7	101.5
1996	65	94.2	102.6	94.2	102.6	91.9	101.8
1997	60	95.2	102.4	95.2	102.4	93.4	102.1
1998	63	94.2	102.3	94.2	102.3	92.2	102.0
1999	98	96.5	102.2	96.5	102.2	94.0	101.6

2000	104	96.1	102.5	96.1	102.5	93.6	101.7
2001	99	96.3	102.8	96.3	102.8	94.0	101.5
2002	124	95.9	102.5	95.9	102.5	93.7	101.6
2003	136	96.4	102.5	96.4	102.5	94.1	101.1
2004	169	96.3	102.7	96.3	102.7	94.0	101.4
2005	139	96.2	102.8	96.2	102.8	93.6	101.6
2006	180	96.4	102.8	96.4	102.8	93.9	101.9
2007	168	96.1	103.0	96.1	103.0	93.7	101.8
2008	131	95.9	103.1	95.9	103.1	93.8	101.9
2009	182	96.2	103.0	96.2	103.0	94.1	101.7
2010	181	96.0	103.1	96.0	103.1	94.2	101.6
2011	190	96.2	103.3	96.2	103.3	94.4	102.0
2012	178	95.7	103.5	95.7	103.5	94.4	101.9
2013	205	96.0	103.4	96.0	103.4	94.7	101.9
2014	201	96.1	103.6	96.1	103.6	94.5	102.0
2015	172	95.9	103.7	95.9	103.7	94.8	102.2
2016	155	95.9	104.0	95.9	104.0	94.8	102.1
2017	179	96.7	103.6	96.7	103.6	95.3	102.0
2018	132	96.8	103.8	96.8	103.8	95.4	102.6
2019	149	96.5	103.9	96.5	103.9	95.2	102.7
2020	187	96.6	104.2	96.6	104.2	95.5	102.9
2021	168	96.9	104.1	96.9	104.1	95.5	103.0
2022	166	96.6	103.8	96.6	103.8	95.1	102.6
2023	176	96.2	104.0	96.2	104.0	94.8	102.7
2024	23	96.3	104.0	96.3	104.0	95.0	102.5

Tabel: 290 Brown Swiss: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1988	11	95.5	113.0	106.2	113.6	97.0	89.7
1989	11	92.1	113.2	108.7	113.1	97.6	89.9
1990	28	93.9	112.2	107.5	113.6	97.0	90.1
1991	28	93.5	112.5	108.1	113.2	97.5	90.8
1992	35	93.7	112.0	107.7	113.3	97.9	90.5
1993	42	92.8	112.1	108.4	112.9	99.4	92.1
1994	34	92.2	111.6	108.9	112.6	98.7	91.1
1995	40	92.1	111.7	108.6	112.1	100.1	91.9
1996	35	91.7	112.5	109.2	112.6	99.9	91.8
1997	39	92.3	112.6	108.7	112.3	98.5	91.9
1998	41	91.6	112.4	109.2	112.8	99.9	91.2
1999	48	92.2	112.5	108.6	111.8	98.9	91.6
2000	51	92.5	112.3	108.2	112.4	98.4	90.6
2001	48	93.1	112.4	107.8	111.8	98.9	91.0
2002	33	91.5	113.3	109.1	111.8	99.3	91.2
2003	72	93.0	112.0	107.8	111.4	99.0	91.8
2004	73	92.7	113.2	108.0	110.5	98.6	92.6
2005	63	92.8	112.5	107.9	110.4	99.7	93.0
2006	86	92.6	112.3	108.2	110.9	98.8	92.5
2007	100	92.3	113.3	108.5	110.9	99.7	93.1
2008	89	92.2	113.3	108.4	110.5	99.2	92.9
2009	118	92.6	113.4	108.1	110.9	98.3	91.6
2010	132	92.2	113.5	108.3	110.5	98.1	91.7
2011	130	92.0	112.9	108.5	110.5	98.9	92.1
2012	127	92.2	112.9	108.3	110.4	97.9	91.7
2013	139	92.4	112.8	108.2	111.1	97.5	90.9
2014	133	92.1	112.9	108.4	111.0	97.8	91.2
2015	131	92.0	113.6	108.5	110.9	96.9	91.1
2016	113	93.1	112.5	107.5	110.7	97.4	91.1
2017	166	92.5	112.5	107.9	110.5	96.9	91.4

2018	113	92.9	111.9	107.7	110.5	96.9	91.2
2019	121	92.6	112.1	107.9	110.8	97.0	90.9
2020	132	92.6	112.5	108.0	110.9	96.6	90.8
2021	116	92.3	111.3	108.2	110.6	97.4	91.3
2022	134	92.0	112.4	108.4	110.5	96.5	91.1
2023	87	92.1	112.8	108.3	110.2	96.5	91.1
2024	11	91.4	111.3	109.1	110.3	97.9	92.3

Tabel: 291 Brown Swiss: Vleeskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	11	100.5	109.3	98.4	100.9	109.2	101.5	99.3	93.0	110.4	98.5	107.5
1985	11	100.4	110.0	98.1	100.4	109.1	102.2	98.4	94.0	111.3	97.7	107.5
1988	16	100.2	110.4	98.3	100.8	108.4	102.5	98.3	94.0	111.2	98.5	107.8
1989	14	101.1	110.6	98.6	101.4	109.5	102.4	99.5	92.9	111.6	98.2	109.1
1990	40	100.9	110.3	98.2	101.5	108.9	102.5	99.4	93.6	110.9	98.6	108.6
1991	37	100.8	110.3	98.1	101.3	109.2	102.3	99.4	93.1	111.3	98.5	108.2
1992	44	100.9	110.0	98.8	100.5	109.8	102.0	99.4	93.2	111.5	98.6	107.6
1993	60	101.1	110.9	98.5	101.8	109.5	102.5	99.6	92.9	111.7	98.5	109.0
1994	44	101.1	110.2	98.3	101.3	109.7	102.5	99.4	93.3	111.3	98.6	108.2
1995	64	100.6	109.7	99.0	101.1	109.2	103.1	99.1	93.2	111.1	99.1	108.2
1996	53	101.5	110.2	98.7	101.8	109.7	102.6	100.0	93.5	111.3	98.9	108.9
1997	54	101.1	109.5	98.9	101.2	109.1	102.7	99.7	93.7	110.7	99.3	107.9
1998	71	100.2	110.1	99.0	101.1	109.2	103.1	98.9	92.6	111.2	99.3	107.7
1999	121	100.8	109.7	98.7	101.2	109.0	103.0	99.2	93.5	111.0	99.1	108.1
2000	96	101.2	109.7	98.3	101.7	108.8	102.6	100.0	93.5	110.8	98.8	108.5
2001	147	100.9	110.2	98.8	101.3	109.2	103.0	99.3	93.5	111.2	99.3	107.8
2002	127	101.0	109.9	98.9	101.9	108.6	103.4	99.6	93.5	110.8	99.5	108.5
2003	138	101.2	110.4	98.6	102.3	109.1	103.3	99.9	93.2	111.0	99.7	108.2
2004	146	101.0	109.3	98.8	101.4	108.7	103.1	99.7	93.7	110.3	99.9	107.5
2005	121	100.6	108.8	98.9	101.3	108.2	103.1	99.5	93.6	109.8	100.1	106.9
2006	143	100.6	108.8	98.6	101.4	108.1	103.2	99.5	93.6	109.7	99.9	107.1
2007	139	101.3	109.2	97.9	102.1	108.3	102.5	100.3	93.6	109.8	99.4	107.6
2008	95	101.4	108.5	98.2	102.0	108.3	102.7	100.4	93.7	109.5	99.6	107.8
2009	112	101.0	108.2	98.2	101.2	108.2	102.4	100.0	93.6	109.4	99.5	106.8
2010	106	101.6	108.2	98.3	101.7	108.3	102.3	100.8	93.7	109.2	99.7	107.4
2011	70	102.3	108.1	98.6	101.7	108.8	102.4	101.7	93.7	109.2	100.2	107.5
2012	63	102.6	107.6	98.5	102.1	108.4	102.3	102.2	93.7	108.7	100.1	108.0
2013	69	102.4	107.1	98.5	101.7	108.1	102.2	101.8	94.3	108.4	100.1	107.4
2014	50	102.6	106.8	98.6	101.9	108.0	102.7	102.1	94.4	108.1	100.8	107.6
2015	50	102.4	106.4	98.3	101.3	107.8	102.3	101.8	94.5	107.9	100.3	107.1
2016	41	102.5	107.1	99.0	101.6	108.0	102.5	101.8	94.8	108.5	100.6	107.4
2017	68	102.3	106.7	98.6	101.4	108.1	102.4	101.5	94.7	108.4	100.2	107.2
2018	30	102.8	106.3	98.5	101.9	107.8	102.0	102.2	95.3	107.8	99.8	108.0
2019	20	102.3	106.0	98.4	101.2	107.1	101.9	101.9	94.3	107.3	100.0	107.0
2020	29	102.6	106.4	98.9	101.6	107.7	102.2	102.0	94.7	108.0	100.0	107.9
2021	15	101.7	105.0	98.7	101.0	106.3	102.1	101.3	94.9	106.5	99.7	106.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	11	88.5	96.8	83.0
1988	13	90.9	98.2	85.1
1989	12	89.3	97.6	82.7

1990	37	89.4	97.9	82.6
1991	34	89.0	97.1	83.0
1992	44	88.8	97.1	83.0
1993	78	87.7	96.1	82.7
1994	71	87.6	95.9	82.9
1995	85	88.0	96.6	82.1
1996	73	87.6	96.1	82.0
1997	60	88.2	96.9	82.2
1998	67	87.6	96.3	82.1
1999	98	89.4	98.0	82.2
2000	107	89.3	97.6	83.0
2001	102	89.6	97.7	83.2
2002	126	89.6	97.9	82.9
2003	140	89.5	97.8	82.7
2004	163	89.9	98.4	82.8
2005	148	89.7	98.2	82.6
2006	181	90.2	98.9	82.6
2007	166	90.1	98.6	82.7
2008	124	90.6	98.8	83.3
2009	188	91.2	99.1	83.8
2010	188	91.2	99.2	83.8
2011	192	90.8	99.0	83.3
2012	176	90.7	98.9	83.4
2013	209	91.0	98.9	83.4
2014	208	91.7	99.5	83.8
2015	182	92.4	99.8	84.6
2016	166	92.7	99.9	85.1
2017	182	93.5	100.7	85.4
2018	143	94.2	100.9	86.4
2019	154	94.2	100.8	86.6
2020	191	94.2	100.9	86.5
2021	175	94.4	100.9	86.8
2022	179	94.4	101.0	86.9
2023	183	94.6	101.0	87.0
2024	24	94.9	100.8	87.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	197	-3977.3	-16197.6	-686.8	-563.7
2002	148	-4000.5	-16307.5	-690.3	-567.0
2003	146	-3831.5	-15637.3	-660.1	-543.7
2004	148	-3394.4	-13788.2	-583.4	-482.7
2005	124	-3268.4	-13360.7	-558.4	-466.2
2006	142	-3256.5	-13281.4	-561.4	-462.2
2007	147	-3215.3	-13170.9	-553.4	-456.8
2008	115	-2774.8	-11249.7	-478.1	-394.2
2009	158	-2550.0	-10339.0	-436.9	-363.6
2010	158	-2644.0	-10765.2	-456.1	-375.2
2011	152	-2536.3	-10435.2	-434.9	-361.0
2012	140	-2312.0	-9517.9	-398.6	-328.0
2013	189	-2268.7	-9150.8	-393.1	-321.5
2014	157	-1894.7	-7773.1	-333.0	-265.6
2015	141	-1690.8	-6976.4	-292.8	-239.2
2016	101	-1559.8	-6161.8	-277.8	-217.7
2017	167	-1461.8	-5659.3	-261.5	-203.7
2018	111	-1651.1	-6508.3	-295.6	-229.7
2019	108	-1462.9	-5677.7	-262.6	-203.5
2020	143	-1686.2	-6695.9	-301.5	-234.6

2021 99 -1347.7 -5321.4 -240.1 -188.0

Tabel: 294 Brown Swiss: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1990	14	97.2	91.8	105.6	96.6
1991	12	97.1	91.8	105.8	96.7
1992	15	98.0	92.6	105.7	97.9
1993	18	97.0	90.9	105.4	95.7
1994	15	97.5	92.1	104.5	96.3
1995	25	97.1	91.2	105.4	96.3
1996	18	97.1	92.7	106.4	97.7
1997	25	97.5	92.8	105.9	97.6
1998	18	97.3	92.1	106.3	97.3
1999	26	96.9	92.5	105.6	96.7
2000	33	96.9	92.1	105.7	96.7
2001	25	96.9	91.9	105.8	96.6
2002	21	97.6	93.1	105.3	97.8
2003	34	97.2	92.1	104.9	96.4
2004	35	97.4	93.6	105.5	97.9
2005	28	97.7	93.0	105.8	98.1
2006	42	96.4	92.9	105.7	96.8
2007	41	97.2	92.7	105.7	97.3
2008	42	97.0	93.2	106.0	97.6
2009	57	97.4	94.5	105.7	98.4
2010	65	97.1	93.9	106.0	98.2
2011	68	98.1	93.1	105.2	98.0
2012	51	97.6	93.4	106.1	98.5
2013	80	98.0	94.2	105.3	98.6
2014	55	98.1	94.2	105.6	99.1
2015	68	98.4	94.6	105.5	99.3
2016	43	98.3	95.5	106.0	100.3
2017	83	99.1	96.5	105.7	101.3
2018	59	99.0	97.6	105.9	102.2
2019	56	98.5	98.2	106.1	102.0
2020	75	99.6	99.3	106.2	103.7
2021	59	99.6	99.3	106.3	103.9

Tabel: 295 Brown Swiss: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1982	10	96.5	100.8	0	0.0	0.0	0	0.0
1985	12	97.2	101.2	12	-5.5	156.6	0	0.0
1986	10	96.8	99.9	8	-5.6	135.8	0	0.0
1987	12	98.1	101.3	12	-5.5	134.8	0	0.0
1988	20	97.5	101.5	16	-5.5	140.8	0	0.0
1989	30	97.5	100.6	26	-5.1	126.7	0	0.0
1990	61	97.8	101.3	43	-5.2	129.8	0	0.0
1991	50	97.3	101.6	39	-5.1	116.6	0	0.0
1992	58	97.8	101.8	46	-5.1	126.4	0	0.0
1993	74	97.1	101.0	51	-5.1	122.3	0	0.0
1994	85	97.6	100.1	65	-5.4	147.1	0	0.0
1995	117	97.3	100.7	68	-5.0	127.0	0	0.0
1996	76	97.5	100.8	49	-4.6	103.1	0	0.0



1997	89	97.3	100.2	56	-4.8	119.9	0	0.0
1998	122	97.6	100.9	68	-4.8	113.4	0	0.0
1999	166	97.3	100.4	99	-4.4	96.9	0	0.0
2000	130	97.3	100.6	56	-4.4	102.1	0	0.0
2001	202	96.8	100.6	78	-4.2	93.0	66	93.1
2002	152	97.1	100.6	36	-4.0	80.2	30	95.1
2003	149	97.2	100.8	59	-4.0	79.8	54	94.4
2004	159	97.9	101.3	64	-3.7	72.9	57	95.1
2005	132	97.8	101.5	47	-3.8	76.0	44	95.4
2006	155	97.9	101.1	69	-3.9	77.7	63	95.2
2007	154	97.2	101.0	61	-3.7	80.2	55	95.7
2008	120	98.3	101.0	60	-3.4	70.8	53	95.8
2009	154	98.5	101.4	68	-3.2	76.9	60	94.9
2010	157	98.6	101.4	71	-3.0	67.8	65	95.7
2011	155	98.5	101.3	60	-3.1	67.0	56	95.9
2012	145	98.5	101.8	65	-2.7	52.7	60	96.6
2013	189	99.6	101.4	78	-2.6	55.1	75	95.8
2014	150	99.4	101.5	57	-2.8	59.4	51	95.8
2015	150	99.0	101.1	66	-2.9	71.3	63	94.9
2016	97	99.5	101.5	46	-2.4	44.1	43	96.7
2017	155	100.2	100.8	83	-2.4	50.9	81	95.5
2018	113	100.1	100.9	38	-2.2	46.8	35	97.0
2019	103	100.7	100.9	23	-1.7	31.8	22	97.2
2020	139	100.3	101.1	37	-2.1	38.2	36	97.0
2021	92	100.5	101.0	20	-1.2	25.3	20	98.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	22	100.0	0	0.0	0	0.0	22	98.5
1991	19	100.0	0	0.0	0	0.0	19	98.4
1992	23	99.8	2	97.5	2	99.0	23	98.3
1993	28	100.0	1	99.0	1	99.0	28	98.1
1994	25	100.0	0	0.0	0	0.0	25	98.4
1995	39	100.0	2	99.5	2	100.0	39	98.6
1996	29	99.9	3	99.7	3	99.0	29	98.4
1997	37	100.0	0	0.0	0	0.0	37	97.8
1998	40	100.0	1	99.0	1	100.0	40	98.3
1999	58	99.9	1	96.0	3	98.7	58	98.1
2000	55	99.9	1	93.0	1	98.0	55	98.4
2001	52	99.9	2	99.0	4	100.2	52	99.1
2002	45	99.9	3	98.3	4	99.2	45	99.1
2003	69	99.9	3	99.0	5	99.2	69	99.0
2004	79	99.9	3	98.7	6	98.0	79	99.1
2005	69	99.9	2	98.5	2	100.0	69	98.3
2006	82	99.9	4	99.5	10	98.7	82	98.9
2007	106	99.9	1	100.0	12	99.4	106	98.8
2008	96	99.8	5	98.2	15	98.3	96	98.2
2009	119	99.9	7	98.7	9	99.7	119	98.8
2010	128	100.0	2	99.0	6	100.0	128	98.8
2011	129	99.7	5	97.8	5	97.8	129	98.9
2012	126	99.7	6	97.7	9	99.2	126	98.7
2013	151	99.6	6	97.0	7	100.0	151	98.7
2014	119	99.8	3	98.3	4	100.5	119	99.2
2015	127	99.8	1	100.0	5	100.4	127	98.9
2016	87	99.9	0	0.0	1	99.0	87	99.7
2017	138	99.9	0	0.0	0	0.0	138	100.0
2018	97	100.1	0	0.0	2	100.0	97	100.4
2019	86	100.0	0	0.0	0	0.0	86	99.9

2020	109	100.0	0	0.0	0	0.0	109	100.4
2021	83	100.0	0	0.0	0	0.0	83	100.6

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1992	11	100.1	96.8	101.2	98.6	104.9	100.0
1995	15	100.7	97.6	101.7	98.9	104.7	99.9
1996	14	100.8	97.4	101.8	99.1	105.3	100.4
1999	14	100.5	96.9	101.9	98.9	104.6	100.4
2000	14	100.9	97.6	102.2	99.3	104.7	100.5
2001	14	100.9	97.6	102.0	99.1	104.6	100.6
2002	10	100.6	97.6	101.4	98.9	104.6	100.1
2003	20	100.8	97.4	101.8	99.2	104.6	100.3
2004	22	100.0	96.7	101.1	98.6	104.0	99.6
2005	15	99.4	96.1	100.8	98.1	103.6	98.3
2006	24	101.0	97.7	102.0	99.2	104.9	100.7
2007	25	100.8	97.6	101.9	99.3	104.4	100.3
2008	33	101.2	98.3	102.0	99.4	104.8	100.8
2009	37	101.5	98.4	102.2	99.6	104.6	101.2
2010	36	100.8	97.5	101.7	99.3	104.2	100.2
2011	19	101.3	97.8	102.3	99.8	104.8	100.3
2012	22	100.5	97.0	101.8	99.1	104.5	100.0
2013	26	100.9	97.4	102.1	99.3	104.7	100.3
2014	20	100.8	97.5	102.0	99.1	105.0	100.5
2015	30	100.4	97.4	101.2	98.7	104.5	100.2
2016	19	100.6	97.7	101.6	98.9	104.5	100.4
2017	48	100.8	97.7	101.6	99.0	104.9	100.5
2018	26	101.3	98.1	102.1	99.2	105.6	101.8
2019	26	100.6	97.5	101.6	98.8	104.7	100.4
2020	34	100.8	97.4	101.7	98.9	104.7	100.8
2021	17	101.1	97.8	102.1	99.1	105.5	102.1

Tabel: 298 Zweeds Roodbont: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	18	-1745.9	-64.7	-68.8	-78.4	21.9	-8.7	1.6	-441.3
2003	10	-840.5	-36.3	-33.3	-37.1	1.8	-4.2	1.5	-224.0
2005	10	-897.8	-35.1	-37.4	-38.6	6.9	-6.9	3.1	-238.8
2006	14	-852.2	-38.2	-37.6	-38.6	0.0	-9.6	0.3	-245.9
2008	13	-774.9	-32.0	-32.4	-35.5	4.0	-5.8	-0.2	-210.8
2012	15	-886.7	-39.9	-34.5	-47.1	0.5	-3.2	-9.5	-239.4
2013	14	-985.4	-37.2	-38.1	-51.1	10.3	-3.4	-9.0	-249.6
2014	13	-955.7	-46.2	-38.6	-51.4	-2.5	-4.7	-10.9	-270.5

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

Tabel: 299 Zweeds Roodbont: Vruchtbaarheidkenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
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1985	18	99.5	102.7	99.8	101.1	99.3	98.2	86.5	101.3	99.9
1987	11	98.1	102.0	98.0	99.9	97.7	96.8	86.3	99.9	98.1
2006	14	99.5	101.7	99.9	100.9	99.4	96.6	89.6	100.8	99.5
2008	13	98.6	103.2	100.2	101.8	99.5	96.8	90.0	101.9	99.9
2010	10	100.1	102.0	100.1	101.3	100.0	98.2	90.7	101.1	100.1
2012	15	100.2	102.3	100.3	101.8	100.4	97.9	90.2	101.3	100.3
2013	14	100.4	101.9	100.3	101.5	100.1	97.1	90.1	101.3	100.0
2014	14	100.9	102.3	100.9	101.9	100.9	98.0	90.3	101.7	100.6

Tabel: 300 Zweeds Roodbont: Gebruikskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
2008	10	96.7	99.7	97.7	95.9	99.9

Tabel: 301 Zweeds Roodbont: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1985	18	-158.2	-441.3	-397.1	98.4	99.9	87.0	92.0	101.0	150.3
2003	10	-101.8	-224.0	-113.8	96.4	99.4	87.2	91.0	100.7	179.6
2005	10	-117.1	-238.8	-129.2	98.2	97.6	89.3	92.0	99.0	147.0
2006	14	-111.5	-245.9	-94.4	97.5	99.5	87.9	90.0	98.8	164.0
2008	13	-86.5	-210.8	-41.8	97.8	99.9	89.2	89.2	99.9	145.5
2012	15	-98.2	-239.4	-104.2	97.3	100.3	88.7	95.3	101.4	142.0
2013	14	-130.6	-249.6	-175.5	96.6	100.0	90.0	89.8	100.6	106.0
2014	13	-111.8	-270.5	-122.1	97.0	100.6	0.0	0.0	100.5	0.0

Tabel: 302 Zweeds Roodbont: Levensvatbaarheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2008	11	97.2	102.4	97.2	102.4	96.6	102.5
2012	18	98.6	103.2	98.6	103.2	99.1	102.7
2013	15	97.4	103.2	97.4	103.2	97.9	102.7
2014	13	98.0	102.3	98.0	102.3	99.0	101.5
2016	11	98.3	103.4	98.3	103.4	98.8	102.6

Tabel: 303 Zweeds Roodbont: Geboortekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2006	12	99.0	103.2	99.5	102.5	93.7	92.6
2008	12	99.3	103.6	99.8	103.5	93.5	92.5
2012	16	100.6	102.8	99.2	105.1	89.2	90.2

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2006	10	101.0	113.4	92.6	101.5	106.6	98.9	99.1	98.3	109.4	98.3	97.9
2008	10	99.4	112.9	93.7	101.1	106.3	99.7	98.8	95.3	109.1	99.3	97.2

Tabel: 305 Zweeds Roodbont: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2008	11	94.5	99.2	94.5
2012	18	95.1	99.3	94.6
2013	16	94.4	99.2	94.0
2014	15	94.8	98.9	95.7
2016	11	95.5	99.2	96.6

Tabel: 306 Zweeds Roodbont: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2006	13	-2006.7	-7606.7	-333.4	-293.2
2008	13	-1578.5	-6052.8	-257.6	-232.8
2012	15	-1999.9	-7734.5	-345.3	-285.9
2013	14	-2434.3	-9807.4	-404.5	-354.6
2014	13	-2192.6	-8223.8	-381.4	-312.5

Tabel: 307 Zweeds Roodbont: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1985	18	95.6	95.4	18	-5.2	150.3	0	0.0
2003	10	96.3	94.6	5	-4.4	179.6	5	83.4
2005	10	96.0	94.9	3	-4.1	147.0	3	85.3
2006	14	95.4	94.2	9	-4.1	164.0	9	83.6
2008	13	97.4	94.7	8	-3.7	145.5	8	85.5
2012	15	95.9	94.0	3	-3.8	142.0	3	83.7
2013	14	95.1	93.5	4	-3.2	106.0	4	87.8
2014	13	96.3	94.4	0	0.0	0.0	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2008	12	100.0	2	100.0	2	101.0	12	94.3
2012	14	100.2	0	0.0	0	0.0	14	94.6

2013	14	100.4	0	0.0	0	0.0	14	93.4
2014	12	100.3	0	0.0	0	0.0	12	92.2

Tabel: 309 Angler: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	18	-2720.9	-89.5	-93.4	-122.9	60.2	8.2	1.8	-607.9
1981	20	-2800.4	-91.7	-96.8	-126.7	62.8	7.2	1.4	-627.6
1982	22	-2789.3	-95.5	-96.9	-126.1	55.7	6.6	1.8	-635.4
1984	11	-2907.2	-92.5	-96.5	-131.6	74.5	16.5	1.5	-629.3
1985	15	-3096.7	-94.4	-102.7	-140.3	87.9	17.1	1.5	-661.6
1986	21	-2971.5	-92.0	-99.0	-134.4	79.8	15.3	1.8	-639.3
1987	13	-3039.5	-95.8	-102.4	-137.5	77.2	12.9	1.9	-662.2
1988	16	-3298.2	-109.2	-110.8	-149.5	81.2	17.0	1.4	-728.5
2012	17	-1302.8	-54.2	-53.0	-58.3	6.4	-8.8	1.4	-348.6
2013	12	-1351.5	-57.9	-55.4	-60.3	4.1	-9.9	1.8	-367.1
2014	11	-965.6	-42.4	-44.1	-42.9	2.3	-12.5	1.5	-282.6
2015	12	-1161.6	-39.5	-46.2	-51.8	18.1	-6.2	1.5	-288.2
2016	15	-883.9	-34.7	-38.9	-38.5	6.7	-9.6	2.3	-243.9
2017	11	-951.6	-37.5	-44.2	-37.3	7.7	-13.1	8.7	-271.0

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

Tabel: 310 Angler: Vruchtbaarheidkenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	38	102.1	103.1	100.5	101.9	100.7	99.5	82.2	101.9	101.1
1981	57	102.2	103.3	100.4	102.1	100.6	99.4	82.3	102.0	100.9
1982	47	102.5	103.4	100.8	102.3	100.9	99.6	82.7	102.2	101.3
1983	21	102.8	102.7	100.7	102.0	101.1	99.1	81.2	101.8	101.0
1984	25	102.6	103.0	100.7	102.0	101.0	98.9	81.4	102.0	101.0
1985	29	102.3	103.4	100.4	102.2	100.8	98.8	80.7	102.1	100.9
1986	29	101.9	103.1	100.1	101.8	100.3	98.4	81.2	101.7	100.5
1987	16	102.3	104.4	101.2	103.1	101.2	99.9	81.9	103.1	102.0
1988	18	101.9	104.1	101.1	102.7	100.8	99.7	81.3	102.8	101.4
1989	17	102.5	101.6	99.8	100.7	100.4	98.8	80.9	100.7	100.1
2015	10	101.6	98.9	98.1	98.4	99.1	99.6	87.6	98.2	98.7
2016	13	101.2	99.5	98.8	99.0	99.2	100.4	88.9	99.2	99.4

Tabel: 311 Angler: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	18	-254.7	-607.9	-462.2	99.2	101.1	85.2	94.9	0.0	0.0
1981	20	-241.5	-627.6	-521.8	99.9	100.9	86.5	94.8	0.0	0.0
1982	22	-264.6	-635.4	-489.9	100.1	101.3	87.1	94.8	0.0	0.0
1984	11	-267.8	-629.3	-628.7	99.0	101.0	82.2	94.5	0.0	0.0
1985	15	-222.1	-661.6	-671.7	99.8	100.9	83.3	96.3	0.0	252.6
1986	21	-223.2	-639.3	-801.3	99.4	100.5	81.5	96.0	0.0	145.2
1987	13	-239.3	-662.2	-705.7	99.1	102.0	80.0	93.7	0.0	141.0
1988	16	-256.6	-728.5	-830.0	100.2	101.4	91.5	96.0	0.0	128.5

2012	17	-95.7	-348.6	-38.3	97.3	100.5	89.0	93.0	100.0	126.4
2013	12	-99.3	-367.1	-28.0	99.2	100.3	0.0	0.0	100.0	111.0
2014	11	-97.3	-282.6	-173.4	97.2	98.6	0.0	0.0	0.0	78.7
2015	12	-107.1	-288.2	-181.8	98.7	98.7	91.0	91.0	96.0	104.7
2016	15	-91.1	-243.9	-167.0	98.1	99.4	88.0	94.0	99.2	70.7
2017	11	-98.5	-271.0	-128.2	97.7	99.1	0.0	0.0	0.0	36.0

Tabel: 312 Angler: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2016	14	-2416.7	-9385.3	-394.9	-355.6
2017	10	-2315.7	-8946.0	-363.8	-348.1

Tabel: 313 Angler: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	18	96.9	97.6	0	0.0	0.0	0	0.0
1981	20	96.4	97.9	0	0.0	0.0	0	0.0
1982	22	95.9	98.0	0	0.0	0.0	0	0.0
1984	11	96.5	97.7	0	0.0	0.0	0	0.0
1985	15	95.5	97.6	11	-8.5	252.6	0	0.0
1986	21	96.5	97.8	9	-6.4	145.2	0	0.0
1987	13	98.1	97.4	10	-6.5	141.0	0	0.0
1988	16	96.1	97.4	8	-6.7	128.5	0	0.0
2012	17	97.5	96.9	9	-4.4	126.4	0	0.0
2013	12	97.6	97.4	7	-4.3	111.0	0	0.0
2014	11	97.0	96.9	3	-3.0	78.7	0	0.0
2015	12	96.6	97.8	3	-3.9	104.7	1	86.0
2016	15	96.9	97.3	6	-2.7	70.7	1	83.0
2017	11	97.7	96.6	1	-1.9	36.0	0	0.0

Tabel: 314 Angler: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2012	14	99.9	0	0.0	0	0.0	14	94.9
2014	10	99.5	0	0.0	0	0.0	10	94.0
2015	10	99.8	0	0.0	0	0.0	10	94.8
2016	14	99.6	0	0.0	0	0.0	14	93.6
2017	10	99.9	0	0.0	0	0.0	10	95.7

Tabel: 315 Montbéliard: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-2036.7	-102.6	-76.8	-91.8	-18.6	-5.9	1.5	-558.2

1981	26	-2080.0	-103.3	-77.9	-93.7	-16.7	-5.2	1.7	-564.5
1982	20	-2013.5	-102.3	-77.3	-90.6	-20.0	-8.0	1.8	-559.1
1983	17	-2058.5	-102.6	-77.5	-92.6	-17.1	-5.9	1.7	-561.2
1984	25	-1994.2	-99.0	-76.0	-89.8	-15.8	-7.0	1.5	-546.5
1985	43	-2112.7	-100.7	-79.8	-95.1	-9.8	-6.2	1.7	-567.2
1986	39	-1986.0	-97.5	-76.6	-89.3	-13.7	-8.4	1.7	-545.7
1987	73	-2059.5	-98.7	-77.7	-92.8	-10.2	-5.9	1.6	-553.7
1988	57	-2068.3	-97.8	-78.2	-93.2	-8.4	-6.3	1.6	-554.2
1989	78	-2150.1	-100.7	-81.1	-96.9	-7.0	-6.0	1.6	-573.0
1990	92	-2125.8	-99.9	-80.3	-95.8	-7.3	-6.2	1.6	-567.9
1991	65	-1998.8	-96.3	-75.9	-90.0	-10.7	-6.6	1.6	-540.3
1992	93	-1948.5	-93.0	-73.7	-87.7	-8.5	-5.5	1.6	-524.0
1993	100	-1754.6	-85.5	-69.1	-78.8	-10.5	-9.0	1.6	-486.4
1994	173	-1770.9	-87.0	-69.5	-79.6	-11.8	-8.8	1.6	-491.6
1995	125	-1844.5	-90.2	-71.5	-82.9	-11.6	-7.8	1.7	-507.3
1996	192	-1801.7	-89.6	-69.7	-81.0	-13.8	-7.6	1.6	-498.2
1997	164	-1707.2	-85.6	-65.6	-76.7	-14.0	-6.5	1.6	-471.7
1998	185	-1756.3	-85.2	-66.4	-78.9	-9.9	-5.1	1.6	-475.0
1999	218	-1766.1	-88.6	-68.6	-79.3	-14.6	-7.7	1.7	-491.1
2000	226	-1747.7	-88.7	-67.6	-78.4	-16.1	-7.2	1.8	-486.9
2001	240	-1680.7	-84.6	-65.2	-74.2	-14.0	-7.1	3.7	-467.3
2002	186	-1519.8	-76.9	-59.1	-65.6	-13.0	-6.5	5.6	-423.4
2003	239	-1392.4	-74.3	-55.6	-60.3	-17.1	-7.9	4.6	-402.3
2004	272	-1349.4	-72.8	-54.2	-58.9	-17.6	-8.0	3.8	-392.9
2005	353	-1295.2	-71.1	-52.1	-56.7	-18.7	-7.7	3.4	-380.1
2006	364	-1252.0	-67.9	-51.0	-55.2	-16.7	-8.3	2.7	-368.2
2007	414	-1160.7	-64.7	-47.9	-51.4	-17.7	-8.4	2.1	-347.8
2008	416	-1083.7	-62.3	-45.2	-48.1	-19.0	-8.5	1.8	-330.6
2009	473	-1045.2	-60.2	-43.5	-46.7	-18.4	-8.0	1.3	-318.8
2010	459	-881.9	-52.9	-37.6	-40.1	-17.8	-7.7	0.2	-277.1
2011	514	-850.3	-50.7	-36.3	-39.5	-16.7	-7.5	-1.0	-267.3
2012	528	-750.9	-46.9	-32.3	-35.8	-17.4	-6.7	-2.1	-241.7
2013	569	-729.8	-44.0	-31.2	-35.1	-14.6	-6.3	-2.4	-231.1
2014	531	-625.2	-40.4	-27.9	-31.0	-15.7	-6.7	-3.3	-208.6
2015	439	-551.0	-38.3	-26.0	-28.0	-17.1	-7.7	-3.7	-195.3
2016	362	-545.7	-37.1	-23.6	-27.5	-15.9	-4.8	-3.4	-183.2
2017	276	-475.3	-35.5	-21.2	-24.2	-17.7	-4.9	-3.3	-168.5
2018	226	-472.6	-31.9	-20.0	-24.3	-13.4	-3.5	-3.5	-156.3
2019	212	-401.4	-28.4	-17.1	-20.9	-12.7	-2.9	-3.3	-135.9
2020	213	-380.3	-26.3	-15.5	-19.3	-11.3	-2.0	-2.5	-124.7
2021	162	-245.8	-20.2	-9.9	-14.1	-11.0	-1.0	-3.7	-87.4

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

Tabel: 316 Montbéliard: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	13	92.4	104.3	91.5	83.3	109.9	107.8	90.2
1985	15	92.3	104.2	92.1	84.3	109.5	106.8	89.7
1986	18	92.9	103.8	92.6	85.1	109.1	105.4	90.6
1987	27	93.4	105.0	93.0	85.1	109.5	106.0	91.1
1988	15	93.4	104.3	92.7	84.7	109.2	105.6	90.5
1989	40	91.8	104.8	92.3	83.9	110.4	107.0	90.7
1990	37	92.7	105.0	93.2	84.5	110.3	107.2	91.1
1991	28	92.0	104.8	91.9	83.8	110.4	106.7	90.7
1992	33	92.2	105.4	92.0	83.4	111.0	108.0	89.5
1993	38	92.9	106.9	93.8	84.3	111.1	106.6	91.2
1994	74	93.1	106.5	93.7	84.7	110.6	107.2	91.3
1995	25	93.3	106.7	93.3	84.2	111.3	108.2	90.7
1996	37	93.2	107.3	94.2	84.5	111.5	107.6	90.8

1997	43	94.0	107.5	94.4	84.5	111.7	109.2	91.3
1998	51	93.0	107.2	93.4	83.4	112.0	108.5	90.6
1999	52	93.4	107.0	93.4	84.1	111.3	108.6	91.4
2000	43	93.2	106.7	92.6	83.5	111.0	108.7	91.5
2001	31	93.7	107.3	93.7	83.9	111.1	107.1	92.3
2002	43	93.1	107.1	93.0	83.6	112.0	108.4	91.5
2003	44	94.2	107.9	93.8	84.5	111.5	107.9	92.2
2004	39	94.3	107.0	93.3	83.8	111.3	108.2	91.2
2005	68	93.5	107.6	93.4	83.4	112.6	107.8	91.6
2006	42	94.0	108.0	93.5	83.4	112.2	107.6	91.9
2007	54	94.5	108.4	94.0	83.7	112.3	107.6	91.7
2008	55	94.8	107.9	93.9	83.8	112.1	107.4	92.1
2009	54	95.2	108.2	94.8	84.5	111.9	107.9	92.1
2010	42	95.1	109.0	95.5	85.0	111.9	106.7	92.1
2011	60	96.3	107.8	95.3	85.2	110.9	106.5	91.9
2012	54	95.5	108.1	95.3	85.7	110.7	106.5	91.7
2013	65	96.0	107.3	95.1	85.6	110.2	107.0	92.6
2014	69	96.9	106.7	96.0	86.7	109.1	106.4	92.9
2015	39	96.2	108.3	96.2	86.4	110.1	104.6	93.0
2016	59	96.5	107.8	96.2	86.9	109.3	105.6	92.1
2017	38	95.7	108.0	96.6	87.9	108.9	105.2	91.5
2018	39	96.9	108.9	96.8	87.2	109.5	105.4	92.4
2019	28	96.1	109.0	96.4	87.2	109.2	104.2	92.5
2020	13	96.2	108.2	96.7	87.5	109.2	105.5	91.9

Tabel: 317 Montbéliard: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1981	13	98.1	98.5	106.8	99.1	95.2
1985	15	98.2	98.1	106.4	99.2	95.2
1986	18	98.7	98.1	106.1	99.4	96.1
1987	27	98.7	98.0	106.3	99.8	96.0
1988	15	98.7	97.9	106.6	99.7	95.9
1989	40	98.0	99.2	105.7	99.2	94.6
1990	37	99.0	98.4	106.5	100.2	95.6
1991	28	98.3	98.6	105.9	99.4	95.3
1992	33	98.3	97.8	107.2	100.0	94.8
1993	38	99.3	97.4	105.6	100.6	96.7
1994	74	98.9	97.9	105.5	100.1	96.2
1995	25	99.2	98.0	106.0	100.9	96.4
1996	37	99.2	97.6	106.2	100.5	96.3
1997	43	99.2	97.8	105.6	100.8	96.8
1998	51	99.4	97.6	106.2	100.8	96.5
1999	52	99.2	98.2	106.3	100.7	95.9
2000	43	99.2	99.0	105.6	100.5	96.0
2001	31	98.7	97.6	106.6	101.1	95.9
2002	43	99.6	97.5	106.7	101.4	96.8
2003	44	100.1	97.4	107.6	102.1	97.0
2004	39	99.6	96.4	107.7	101.7	96.7
2005	68	100.0	97.1	106.6	102.0	97.5
2006	42	100.1	97.0	107.0	102.1	97.2
2007	54	100.2	96.7	107.4	102.3	97.3
2008	55	99.7	96.5	107.6	102.0	96.7
2009	54	100.2	96.2	107.8	102.1	97.2
2010	42	100.4	97.7	106.7	102.3	97.0
2011	60	100.1	97.3	107.0	101.8	96.7
2012	54	101.2	98.1	106.8	102.7	97.6
2013	65	100.7	97.6	107.0	102.5	97.5
2014	69	100.9	97.3	107.0	102.2	97.5



2015	39	101.5	98.2	106.7	103.4	98.3
2016	59	101.9	98.5	106.4	103.2	98.5
2017	38	101.4	97.7	107.6	104.0	98.2
2018	39	102.5	97.1	108.2	103.3	98.5
2019	28	102.0	97.7	108.2	104.0	98.3
2020	13	102.8	98.3	107.4	103.6	99.5

Tabel: 318 Montbéliard: Exterieurkenmerken uier  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP	UBA
1981	13	86.0	90.2	105.3	89.2	81.4	91.6	91.1	93.4
1985	15	87.0	89.7	103.6	90.2	82.1	91.3	90.4	93.1
1986	18	87.9	90.7	104.6	90.7	83.2	92.2	91.4	93.9
1987	27	87.2	90.2	104.6	90.0	82.9	91.7	90.6	93.9
1988	15	88.0	90.8	104.5	90.6	83.1	92.5	91.5	93.6
1989	40	87.5	89.8	105.1	90.2	81.7	90.4	90.3	93.0
1990	37	87.5	90.1	105.5	89.6	81.8	90.2	90.5	93.1
1991	28	86.8	89.9	104.7	89.5	81.9	90.7	90.4	93.3
1992	33	85.6	89.0	104.7	88.3	80.4	90.2	89.7	92.2
1993	38	86.3	89.9	107.1	88.1	82.6	89.2	88.5	93.8
1994	74	87.0	90.6	105.9	88.9	82.9	90.4	89.5	93.6
1995	25	86.6	90.0	106.1	88.6	81.8	89.6	89.1	93.1
1996	37	86.1	89.9	105.2	88.7	81.4	90.6	89.6	92.5
1997	43	86.2	89.1	105.4	88.8	81.1	89.8	89.0	92.1
1998	51	86.8	90.0	104.7	89.4	81.3	90.6	89.9	92.5
1999	52	85.9	89.2	105.4	88.5	80.7	89.6	88.9	92.4
2000	43	86.3	90.0	104.5	88.9	81.0	90.3	89.6	92.4
2001	31	86.5	89.3	104.3	88.6	81.0	89.6	88.7	91.2
2002	43	86.1	89.8	103.9	88.4	81.1	90.2	89.5	91.7
2003	44	86.7	89.1	104.8	88.8	81.5	90.2	89.2	92.3
2004	39	86.5	89.5	104.6	88.7	81.3	90.1	89.1	92.0
2005	68	86.4	90.2	103.0	88.6	81.1	90.6	89.6	91.2
2006	42	86.5	89.5	103.2	89.0	80.7	90.6	89.6	90.9
2007	54	86.5	90.8	103.8	88.8	81.1	90.7	90.0	91.6
2008	55	86.4	90.2	103.4	88.8	81.2	90.5	89.6	91.4
2009	54	86.7	91.1	103.4	89.1	81.6	91.7	91.0	91.7
2010	42	86.3	90.2	104.0	87.8	81.3	90.1	89.2	91.5
2011	60	87.5	92.0	103.2	89.8	82.4	91.5	91.2	92.5
2012	54	88.1	92.3	102.6	89.8	83.1	92.5	92.1	92.6
2013	65	89.0	92.8	103.0	91.0	83.9	92.9	92.5	93.4
2014	69	89.3	93.1	103.2	90.9	84.8	92.8	92.5	93.7
2015	39	89.3	92.4	102.9	91.0	84.9	93.0	92.4	94.0
2016	59	89.1	92.6	103.8	90.6	85.3	92.8	92.3	94.2
2017	38	88.7	92.2	103.2	89.7	85.2	92.1	91.7	93.4
2018	39	88.3	91.8	103.1	90.1	84.7	92.9	92.4	93.7
2019	28	88.7	93.2	103.7	90.1	85.9	94.3	94.2	94.9
2020	13	89.2	94.6	101.7	90.4	85.5	93.8	94.4	94.0

Tabel: 319 Montbéliard: Exterieurkenmerken bovenbalk  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	13	88.8	92.3	81.7	96.6	0.0	83.8
1985	15	89.1	92.6	82.7	96.3	0.0	84.6
1986	18	90.6	93.3	83.9	97.1	0.0	86.1

1987	27	90.8	93.6	83.2	96.9	0.0	85.7
1988	15	90.7	93.1	84.0	96.8	0.0	85.9
1989	40	89.3	93.2	82.4	95.9	0.0	84.3
1990	37	90.2	93.7	82.3	96.8	0.0	85.0
1991	28	89.0	92.8	82.0	96.1	0.0	84.1
1992	33	88.7	92.7	80.5	96.2	0.0	83.2
1993	38	90.5	93.7	81.4	97.2	0.0	84.9
1994	74	90.6	93.6	82.5	97.0	0.0	85.4
1995	25	90.0	93.4	81.4	97.4	0.0	84.9
1996	37	90.4	94.0	81.4	97.0	0.0	84.7
1997	43	90.7	94.1	81.0	97.4	0.0	84.8
1998	51	89.8	93.3	81.8	97.3	0.0	84.8
1999	52	90.1	93.5	80.6	96.9	0.0	84.2
2000	43	89.6	92.8	81.3	97.0	0.0	84.3
2001	31	91.0	93.5	81.1	96.7	0.0	84.5
2002	43	89.9	93.7	81.2	97.6	0.0	84.8
2003	44	90.7	94.0	81.5	98.0	0.0	85.5
2004	39	90.2	93.4	81.4	97.4	0.0	84.9
2005	68	90.3	93.8	81.4	98.1	0.0	85.2
2006	42	90.5	93.4	81.4	97.9	0.0	85.2
2007	54	91.0	93.8	81.6	98.0	0.0	85.6
2008	55	91.3	93.8	81.6	97.4	0.0	85.3
2009	54	91.7	94.4	82.3	97.8	0.0	86.1
2010	42	92.1	94.6	81.3	98.0	0.0	85.8
2011	60	92.6	94.2	83.1	97.5	0.0	86.7
2012	54	92.4	94.4	84.0	98.6	0.0	87.7
2013	65	92.7	94.5	85.0	98.5	0.0	88.3
2014	69	94.0	94.8	85.5	98.3	0.0	88.9
2015	39	93.8	94.7	85.5	99.4	0.0	89.4
2016	59	93.6	94.6	85.6	99.7	0.0	89.5
2017	38	93.1	94.9	85.3	99.2	0.0	89.0
2018	39	93.7	94.8	84.9	99.7	0.0	89.1
2019	28	93.5	94.5	85.8	99.5	0.0	89.4
2020	13	93.5	94.9	85.8	101.0	0.0	90.4

Tabel: 320 Montbéliard: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	11	103.5	103.8	100.8	102.3	101.1	97.9	84.3	102.5	101.3
1981	22	103.1	103.7	100.6	101.9	100.8	97.6	85.6	102.3	100.9
1982	16	102.7	103.3	100.2	101.5	100.4	97.4	84.8	101.9	100.5
1983	12	102.8	103.7	100.4	101.8	100.3	97.3	86.4	102.2	100.5
1984	18	102.3	104.2	100.8	102.3	100.4	97.6	86.7	102.8	100.9
1985	33	102.5	103.2	100.2	101.3	100.1	97.3	85.4	101.8	100.2
1986	26	102.2	103.7	100.4	101.8	100.1	97.7	85.9	102.1	100.5
1987	40	102.2	103.8	100.5	101.8	100.2	97.1	86.0	102.2	100.5
1988	38	102.2	103.2	99.9	101.2	99.8	97.4	85.6	101.6	100.1
1989	79	103.4	104.3	101.5	102.9	101.4	98.0	86.1	103.1	101.5
1990	89	103.2	103.9	100.9	102.4	101.1	97.7	85.8	102.6	101.1
1991	63	103.1	103.7	100.7	102.2	100.9	97.7	85.3	102.4	100.9
1992	90	103.5	103.3	100.7	101.9	101.0	98.0	85.9	102.1	100.8
1993	104	103.4	103.7	101.4	102.5	101.5	98.0	85.6	102.8	101.4
1994	164	103.5	103.3	101.2	102.1	101.4	97.9	85.4	102.4	101.2
1995	124	103.1	103.5	100.9	102.1	101.0	97.9	85.5	102.4	101.0
1996	165	103.1	103.5	100.8	102.1	101.0	98.0	86.0	102.3	100.9
1997	165	102.6	104.1	100.8	102.5	100.8	97.7	86.4	102.6	100.9
1998	187	102.8	103.7	100.7	102.2	100.9	97.5	85.4	102.4	100.8
1999	215	103.1	103.5	100.8	102.0	101.0	97.7	85.5	102.3	100.9
2000	235	103.2	103.3	100.8	101.9	101.0	97.7	85.3	102.2	100.8

2001	250	103.1	103.4	100.9	102.0	101.1	97.6	85.7	102.3	100.9
2002	207	102.8	103.8	101.1	102.4	101.1	97.5	86.5	102.7	101.1
2003	278	102.5	103.5	100.8	102.0	100.8	97.4	86.7	102.3	100.8
2004	314	102.7	103.4	101.0	102.0	101.0	97.6	86.8	102.3	100.9
2005	399	103.1	103.3	101.2	102.1	101.3	97.8	86.2	102.4	101.1
2006	414	103.6	103.0	101.4	102.1	101.6	98.0	86.5	102.4	101.3
2007	475	103.2	103.4	101.3	102.3	101.5	98.0	86.8	102.6	101.3
2008	492	103.1	103.7	101.5	102.6	101.6	97.9	87.3	102.8	101.5
2009	583	102.9	103.9	101.6	102.8	101.6	97.4	87.8	103.0	101.4
2010	537	102.9	103.4	101.4	102.5	101.5	97.1	88.2	102.7	101.2
2011	598	103.3	103.0	101.5	102.3	101.8	97.7	88.3	102.5	101.3
2012	622	104.0	102.7	101.8	102.4	102.3	98.3	88.6	102.5	101.6
2013	681	104.7	102.2	102.0	102.2	102.7	98.7	88.5	102.4	101.9
2014	646	104.5	102.4	102.1	102.4	102.7	98.6	89.4	102.5	101.9
2015	527	104.3	102.4	102.1	102.3	102.7	98.5	89.8	102.5	101.9
2016	428	103.2	102.8	101.6	102.2	101.9	97.8	90.4	102.4	101.4
2017	339	103.0	102.2	101.2	101.8	101.6	97.8	90.1	101.9	101.0
2018	310	103.6	102.2	101.6	102.0	102.2	98.5	89.8	102.1	101.5
2019	268	103.2	102.6	101.6	102.2	102.1	98.2	90.0	102.3	101.5
2020	262	103.0	102.7	101.6	102.2	101.9	98.0	90.6	102.5	101.4
2021	192	103.2	102.5	101.8	102.2	102.1	97.7	90.4	102.4	101.4
2022	57	102.8	103.2	102.1	102.7	102.3	97.6	90.7	103.0	101.7

Tabel: 321 Montbéliard: Gebruikskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	13	96.5	90.8	97.3	98.9	102.7
1985	12	96.8	90.5	96.8	97.4	101.3
1986	13	97.6	90.7	96.7	97.8	101.6
1987	24	97.3	89.8	96.9	97.8	101.6
1988	18	97.6	91.6	97.0	97.5	101.4
1989	43	97.7	90.7	96.8	97.4	101.5
1990	44	97.5	90.6	96.3	97.2	101.3
1991	28	97.4	91.0	96.6	98.1	102.1
1992	38	97.4	90.3	97.1	98.7	102.1
1993	49	94.9	89.8	96.6	97.5	101.1
1994	69	95.4	89.7	96.5	98.3	101.7
1995	42	95.6	89.3	96.4	98.1	101.6
1996	40	95.8	89.6	96.5	99.2	102.2
1997	63	96.6	89.3	96.7	98.6	101.1
1998	54	97.4	89.7	96.9	98.4	101.8
1999	58	97.5	90.1	96.5	98.5	101.8
2000	48	97.9	89.8	96.5	98.1	101.5
2001	32	97.2	90.8	97.0	98.6	101.4
2002	46	97.5	89.5	97.2	98.3	100.9
2003	50	97.9	89.6	97.8	98.4	101.2
2004	49	97.5	90.0	97.7	98.6	101.1
2005	73	96.8	89.8	98.0	98.8	100.9
2006	47	97.4	89.6	98.3	99.0	100.9
2007	58	97.2	90.3	98.6	99.2	101.2
2008	52	97.4	90.1	98.4	98.9	101.2
2009	54	97.6	90.2	97.9	98.4	100.8
2010	35	97.7	91.2	98.0	98.2	100.8
2011	50	97.6	90.1	98.0	97.9	100.7
2012	48	98.2	90.5	98.5	98.5	101.0
2013	60	97.3	90.8	98.7	98.5	100.9
2014	57	97.4	90.6	98.3	97.9	100.7
2015	36	97.6	91.1	98.4	98.2	100.8
2016	46	98.3	91.4	98.1	97.7	100.5

2017	33	101.2	90.3	97.6	97.1	100.0
2018	34	99.2	89.6	98.0	97.4	100.3
2019	21	98.8	89.8	97.9	97.3	100.5
2020	15	99.5	90.9	98.2	97.8	101.0

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	13	-219.7	-558.2	0.0	100.1	101.3	80.0	96.0	96.6	0.0
1981	26	-226.1	-564.5	0.0	101.2	100.9	81.7	96.6	96.6	0.0
1982	20	-225.4	-559.1	-96.0	99.4	100.5	83.5	96.6	96.2	0.0
1983	17	-221.2	-561.2	0.0	102.1	100.5	81.6	95.9	96.5	0.0
1984	25	-211.1	-546.5	-221.0	100.4	100.9	81.6	96.8	96.8	0.0
1985	43	-174.0	-567.2	-196.0	99.5	100.2	82.7	96.3	97.1	149.5
1986	39	-171.8	-545.7	-269.4	100.0	100.5	83.9	97.1	97.1	142.8
1987	73	-166.9	-553.7	-287.6	99.9	100.5	83.2	96.9	96.8	150.8
1988	57	-171.9	-554.2	-336.9	99.7	100.1	84.0	96.8	96.9	147.5
1989	78	-238.7	-573.0	-427.0	99.7	101.5	82.4	95.9	97.7	75.8
1990	92	-238.2	-567.9	-409.1	99.5	101.1	82.3	96.8	97.7	74.4
1991	65	-210.3	-540.3	-279.7	100.5	100.9	82.0	96.1	97.5	97.3
1992	93	-209.4	-524.0	-350.4	100.7	100.8	80.5	96.2	97.5	97.5
1993	100	-210.6	-486.4	-331.5	99.6	101.4	81.4	97.2	96.9	73.2
1994	173	-206.2	-491.6	-277.3	100.3	101.2	82.5	97.0	96.6	78.5
1995	125	-222.6	-507.3	-390.2	100.1	101.0	81.4	97.4	96.8	83.0
1996	192	-193.0	-498.2	-283.0	101.1	100.9	81.4	97.0	97.4	98.2
1997	164	-213.1	-471.7	-355.6	100.1	100.9	81.0	97.4	97.8	51.9
1998	185	-222.0	-475.0	-393.6	100.5	100.8	81.8	97.3	97.8	43.8
1999	218	-227.6	-491.1	-425.5	100.4	100.9	80.6	96.9	97.3	57.6
2000	226	-237.0	-486.9	-446.9	100.0	100.8	81.3	97.0	97.4	47.5
2001	240	-225.2	-467.3	-425.4	100.2	100.9	81.1	96.7	97.0	50.9
2002	186	-227.4	-423.4	-421.6	99.8	101.1	81.2	97.6	97.2	27.1
2003	239	-222.6	-402.3	-405.6	100.0	100.8	81.5	98.0	96.6	25.0
2004	272	-219.4	-392.9	-403.9	100.0	100.9	81.4	97.4	96.6	21.2
2005	353	-217.1	-380.1	-406.2	100.0	101.1	81.4	98.1	97.2	1.6
2006	364	-210.8	-368.2	-398.4	100.1	101.3	81.4	97.9	97.2	5.0
2007	414	-203.9	-347.8	-396.1	100.4	101.3	81.6	98.0	97.4	-19.6
2008	416	-200.2	-330.6	-376.9	100.2	101.5	81.6	97.4	97.2	-8.5
2009	473	-196.8	-318.8	-376.8	99.8	101.4	82.3	97.8	97.1	-21.1
2010	459	-184.2	-277.1	-342.2	99.7	101.2	81.3	98.0	96.9	-26.9
2011	514	-182.6	-267.3	-337.6	99.5	101.3	83.1	97.5	97.0	-18.7
2012	528	-162.7	-241.7	-289.8	100.0	101.6	84.0	98.6	97.1	-25.4
2013	569	-154.5	-231.1	-282.0	99.9	101.9	85.0	98.5	97.1	-20.6
2014	531	-147.6	-208.6	-266.6	99.4	101.9	85.5	98.3	97.1	-21.2
2015	439	-139.3	-195.3	-245.8	99.6	101.9	85.5	99.4	97.4	-30.6
2016	362	-136.6	-183.2	-237.3	99.2	101.4	85.6	99.7	97.3	-26.7
2017	276	-139.9	-168.5	-233.4	98.6	101.0	85.3	99.2	96.7	-23.4
2018	226	-126.4	-156.3	-193.1	98.9	101.5	84.9	99.7	97.2	-37.4
2019	212	-118.6	-135.9	-184.1	99.0	101.5	85.8	99.5	97.3	-32.5
2020	213	-112.7	-124.7	-191.2	99.6	101.4	85.8	101.0	97.8	-28.8
2021	162	-95.8	-87.4	-144.2	99.5	101.4	0.0	0.0	97.6	19.0

Tabel: 323 Montbéliard: Klauwgezondheidskenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
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1993	10	97.4	90.6	104.9	102.4	94.7	99.2	91.7
1994	14	97.1	90.7	104.1	102.5	93.6	99.4	91.6
1997	13	97.8	92.2	103.9	102.2	95.1	99.2	93.3
1998	15	97.8	94.1	102.8	101.5	96.1	98.9	94.1
1999	10	95.3	91.4	102.0	101.0	93.4	99.3	91.9
2000	18	94.6	92.0	100.6	99.5	93.4	97.4	92.9
2001	33	95.2	91.8	101.7	100.3	93.6	97.8	92.1
2002	22	95.8	91.5	102.2	101.1	93.4	99.3	92.5
2003	32	95.2	90.7	101.7	100.8	93.3	100.0	91.8
2004	37	96.3	91.2	103.0	101.9	93.4	99.9	91.8
2005	69	96.7	91.5	103.3	102.1	94.0	99.3	91.7
2006	52	96.5	91.9	102.8	101.8	94.1	99.4	92.1
2007	65	96.5	92.6	102.2	101.6	94.6	99.4	92.6
2008	66	96.6	92.5	102.6	101.6	94.4	99.3	92.3
2009	54	96.9	93.2	102.3	101.3	94.9	99.1	93.4
2010	53	96.2	92.4	102.3	100.9	94.1	98.9	92.5
2011	87	96.2	93.0	101.8	100.8	94.2	99.1	92.9
2012	81	96.2	93.4	101.5	100.6	94.4	99.1	93.2
2013	76	96.7	94.1	101.7	100.9	94.6	99.2	93.6
2014	70	96.6	93.2	102.2	101.1	93.8	99.6	93.1
2015	48	96.7	92.9	102.4	101.1	93.7	100.0	93.3
2016	59	97.0	94.0	102.1	100.4	94.5	99.8	94.0
2017	34	97.0	93.1	102.2	100.7	94.2	100.5	93.9
2018	42	97.0	93.6	102.2	100.6	94.8	100.6	93.5
2019	31	96.7	93.9	101.8	100.1	94.9	100.3	93.5
2020	12	97.9	95.0	101.8	100.0	96.8	100.7	95.5

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	10	95.0	100.6	95.0	100.6	94.2	101.2
1981	14	95.2	100.5	95.2	100.5	94.4	100.6
1984	12	95.1	101.2	95.1	101.2	94.3	100.8
1985	17	94.1	101.9	94.1	101.9	93.4	101.2
1986	17	94.5	101.8	94.5	101.8	93.6	101.1
1987	28	93.9	102.1	93.9	102.1	93.1	101.5
1988	20	94.5	101.5	94.5	101.5	93.2	101.2
1989	54	94.9	101.9	94.9	101.9	94.1	101.5
1990	61	94.8	101.8	94.8	101.8	94.0	101.3
1991	38	94.8	101.6	94.8	101.6	93.8	101.2
1992	58	94.2	101.7	94.2	101.7	93.4	101.2
1993	89	94.2	101.3	94.2	101.3	92.7	101.8
1994	140	94.3	101.2	94.3	101.2	93.0	101.7
1995	98	94.5	101.0	94.5	101.0	93.2	101.7
1996	133	95.1	101.2	95.1	101.2	94.0	101.6
1997	149	94.9	101.9	94.9	101.9	94.2	102.5
1998	152	94.6	102.2	94.6	102.2	93.9	102.4
1999	171	94.2	101.9	94.2	101.9	93.7	101.7
2000	191	94.2	102.0	94.2	102.0	93.4	102.0
2001	213	94.2	101.7	94.2	101.7	93.2	101.6
2002	215	94.2	101.8	94.2	101.8	93.1	101.6
2003	288	93.6	101.4	93.6	101.4	92.7	101.4
2004	336	93.6	101.5	93.6	101.5	92.8	101.4
2005	425	94.1	102.0	94.1	102.0	93.4	101.8
2006	482	94.0	102.0	94.0	102.0	93.3	101.7
2007	552	93.9	102.5	93.9	102.5	93.2	102.0
2008	599	93.9	102.3	93.9	102.3	92.9	102.0
2009	727	93.7	102.3	93.7	102.3	92.7	101.9
2010	698	93.3	102.2	93.3	102.2	92.6	101.9

2011	731	93.5	102.2	93.5	102.2	92.9	102.1
2012	768	93.5	102.2	93.5	102.2	93.1	102.4
2013	833	93.6	102.2	93.6	102.2	93.1	102.6
2014	814	93.5	102.2	93.5	102.2	93.3	102.4
2015	729	93.8	102.3	93.8	102.3	93.4	102.4
2016	632	93.9	102.0	93.9	102.0	93.4	101.8
2017	534	93.4	101.5	93.4	101.5	92.9	101.6
2018	485	93.8	101.7	93.8	101.7	93.3	102.3
2019	372	93.9	101.8	93.9	101.8	93.5	102.2
2020	353	94.4	102.1	94.4	102.1	94.1	102.5
2021	309	94.5	101.7	94.5	101.7	94.5	102.5
2022	294	94.6	102.1	94.6	102.1	94.3	102.5
2023	245	94.2	102.0	94.2	102.0	94.1	102.3
2024	25	94.3	102.4	94.3	102.4	94.2	102.7

Tabel: 325 Montbéliard: Geboortekenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1985	12	88.5	111.2	113.4	108.9	91.9	90.8
1986	16	88.8	111.8	113.2	109.2	93.2	91.2
1987	25	88.8	111.3	113.5	109.4	93.8	91.9
1988	17	88.4	111.9	113.8	108.8	93.3	91.2
1989	42	87.0	112.1	115.0	108.8	89.9	89.4
1990	42	87.6	112.5	114.5	108.7	90.3	90.0
1991	26	86.8	112.2	115.2	108.9	90.0	89.3
1992	29	88.2	112.2	114.2	108.8	92.1	91.4
1993	57	86.2	111.7	116.1	110.8	91.5	88.7
1994	82	86.6	111.6	115.8	110.7	91.6	89.1
1995	47	86.7	111.5	115.6	110.3	91.8	89.5
1996	64	87.7	110.9	114.8	110.6	89.6	88.7
1997	83	87.7	111.6	115.0	111.4	89.4	87.7
1998	81	87.9	111.8	114.6	110.0	90.2	89.3
1999	67	87.7	111.8	114.6	109.3	91.3	90.4
2000	89	88.1	112.3	114.4	109.3	91.3	90.4
2001	65	87.7	111.9	114.6	108.2	91.8	91.3
2002	73	88.5	111.7	114.0	108.8	92.4	91.4
2003	121	88.1	111.1	114.5	109.3	92.5	91.3
2004	155	88.5	111.9	114.1	108.9	92.2	91.6
2005	212	88.7	111.8	113.9	109.5	91.9	90.9
2006	217	88.6	112.1	114.1	109.7	92.1	91.0
2007	311	88.1	111.7	114.5	109.7	91.6	90.8
2008	335	88.2	111.4	114.3	109.2	92.3	91.5
2009	441	88.0	111.3	114.4	109.0	92.3	91.5
2010	433	87.8	111.5	114.6	109.2	91.5	90.9
2011	470	88.3	111.3	114.1	109.3	91.6	90.8
2012	518	88.0	111.4	114.3	108.9	91.7	90.9
2013	593	88.0	111.8	114.2	108.7	91.6	90.9
2014	622	88.6	111.0	113.5	108.4	91.7	91.1
2015	525	88.5	111.3	113.8	108.5	91.8	91.0
2016	440	89.2	110.5	113.0	107.9	91.7	91.4
2017	350	89.2	110.5	112.9	108.0	91.2	91.0
2018	287	89.7	110.5	112.6	108.4	91.3	90.9
2019	263	89.7	110.7	112.7	108.4	91.4	91.1
2020	244	89.5	110.6	112.9	108.5	91.7	91.2
2021	164	90.1	110.8	112.1	107.9	91.9	91.5
2022	156	90.3	110.0	112.1	108.5	91.8	91.3
2023	118	90.7	110.0	111.7	109.0	91.5	90.9
2024	20	89.9	110.8	112.4	108.4	91.3	91.0

Tabel: 326 Montbéliard: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	10	104.9	121.4	99.3	105.4	114.3	104.2	101.2	96.3	118.0	103.1	106.5
1981	16	105.0	120.7	99.2	104.6	115.1	103.9	101.2	96.4	118.1	102.8	106.5
1984	14	105.4	120.0	98.9	105.4	114.4	103.1	102.7	95.9	116.8	102.8	106.9
1985	20	105.3	121.2	99.5	105.7	114.8	103.3	102.0	96.3	117.5	103.2	106.2
1986	21	105.1	120.5	99.2	105.5	114.2	103.3	102.0	96.1	117.1	103.1	106.3
1987	27	105.1	120.7	99.8	106.4	113.5	104.0	101.8	97.3	116.6	104.0	106.4
1988	21	105.5	119.3	100.2	105.4	113.7	103.1	102.6	96.6	115.9	104.0	106.0
1989	65	105.6	121.0	100.1	104.8	115.5	103.7	102.3	95.3	118.5	103.1	107.5
1990	71	105.4	121.3	99.9	105.2	115.3	103.9	102.0	95.6	118.6	102.9	107.6
1991	45	105.9	121.4	99.6	105.8	115.4	103.5	102.6	96.3	118.4	103.0	107.5
1992	69	104.9	120.4	100.4	105.1	114.2	104.4	101.3	96.7	117.5	103.4	106.8
1993	77	104.2	121.4	100.0	106.1	113.9	105.0	100.6	95.8	118.3	103.5	107.6
1994	147	104.5	120.9	99.6	106.0	113.9	104.5	101.2	95.9	117.8	103.3	107.5
1995	104	104.0	120.7	100.1	106.0	113.2	104.9	100.7	95.9	117.4	103.5	107.3
1996	136	104.5	120.8	99.3	106.1	113.5	104.3	101.3	96.1	117.2	103.3	107.1
1997	137	104.5	121.1	99.4	106.4	113.3	104.7	101.2	96.2	117.4	103.1	107.9
1998	153	105.2	120.9	99.8	105.5	114.7	104.0	101.8	96.1	117.9	103.0	107.6
1999	180	105.6	121.0	99.4	106.0	114.9	104.0	102.2	96.4	117.9	103.1	107.8
2000	192	105.4	121.3	99.5	105.9	114.9	104.2	101.7	96.5	118.2	103.1	107.8
2001	205	105.5	121.4	99.4	106.4	114.6	104.4	101.7	97.1	118.2	103.4	107.8
2002	172	104.7	121.0	99.3	106.0	114.0	104.6	101.0	96.6	118.1	102.8	108.0
2003	245	105.0	120.7	100.0	106.2	114.2	104.3	101.6	96.3	117.7	103.0	107.9
2004	285	105.5	120.7	99.7	106.4	114.3	104.1	101.9	96.8	117.7	103.1	107.9
2005	350	105.7	121.0	99.2	106.6	114.3	103.9	102.0	97.3	117.7	102.9	108.2
2006	355	105.7	120.6	99.8	106.4	114.2	104.0	101.9	97.5	117.4	103.0	108.1
2007	386	105.2	120.2	99.7	106.5	113.4	104.3	101.5	97.8	116.9	103.1	107.9
2008	378	105.5	120.2	99.7	107.0	113.6	104.1	102.2	97.0	116.8	103.3	108.0
2009	396	105.8	120.2	99.6	107.2	113.4	104.0	102.6	97.0	116.5	103.3	108.2
2010	320	106.0	119.0	100.0	106.9	113.0	103.7	103.0	97.4	115.6	103.2	108.0
2011	251	106.1	118.5	100.1	106.6	112.9	103.7	103.2	97.6	115.3	103.4	107.9
2012	132	106.4	118.6	100.1	106.9	113.0	103.7	103.4	97.8	115.3	103.5	108.0
2013	97	105.1	117.8	99.8	106.3	111.8	104.1	102.2	97.6	114.5	103.5	107.1
2014	87	104.4	116.1	100.5	105.8	110.3	104.6	101.7	97.8	113.2	104.0	106.3
2015	39	105.3	116.6	100.6	106.4	111.0	104.1	102.7	97.9	113.3	103.6	107.2
2016	62	105.1	116.3	100.4	106.5	110.8	104.2	102.7	97.5	113.1	103.9	106.8
2017	38	105.2	116.5	100.6	105.9	111.3	103.9	102.7	97.8	113.5	103.8	106.3
2018	38	105.7	116.7	100.7	106.8	111.7	103.6	103.5	97.4	113.3	103.9	106.9
2019	27	105.1	116.4	100.2	106.7	110.6	103.5	102.8	97.5	112.7	103.3	106.5
2020	13	103.8	116.3	100.5	105.8	110.3	104.5	101.5	96.7	113.1	104.2	105.6

Tabel: 327 Montbéliard: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	10	92.6	98.8	84.1
1981	14	91.8	98.4	82.9
1984	12	91.8	97.9	84.2
1985	17	92.2	98.2	84.9
1986	19	91.6	97.5	84.9
1987	27	91.3	97.3	84.9
1988	20	91.5	97.0	85.3
1989	57	92.5	98.7	84.7

1990	64	92.7	98.8	84.7
1991	35	92.5	98.9	84.7
1992	59	91.8	98.3	83.8
1993	94	91.8	98.3	84.4
1994	144	91.6	98.0	84.4
1995	112	91.7	97.9	84.6
1996	136	91.9	98.0	84.7
1997	158	92.1	98.1	84.5
1998	160	92.4	98.6	84.3
1999	187	91.6	98.0	84.0
2000	192	91.7	98.1	84.2
2001	216	91.7	97.8	85.0
2002	228	91.7	97.8	85.1
2003	291	92.0	97.9	85.7
2004	346	92.0	97.7	85.9
2005	419	91.5	97.4	85.3
2006	489	91.9	97.6	85.7
2007	551	91.7	97.6	85.4
2008	592	91.4	97.4	85.1
2009	735	91.6	97.6	85.4
2010	690	92.0	97.8	85.8
2011	719	92.3	98.1	86.0
2012	768	92.7	98.5	85.9
2013	880	92.8	98.5	85.7
2014	856	93.5	99.1	86.1
2015	769	93.4	99.1	85.9
2016	663	93.6	99.4	86.2
2017	537	94.1	99.7	86.8
2018	495	94.6	100.1	87.2
2019	385	94.8	100.4	87.0
2020	376	94.9	100.3	87.1
2021	355	95.1	100.4	87.6
2022	333	95.0	100.2	87.7
2023	288	95.0	100.2	87.7
2024	26	94.5	99.9	87.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	231	-4328.0	-16830.5	-758.8	-610.2
2002	183	-4199.8	-16355.2	-735.3	-592.3
2003	239	-4079.3	-15749.2	-717.6	-574.2
2004	271	-4052.7	-15631.0	-713.2	-570.4
2005	359	-4029.5	-15553.6	-710.5	-566.5
2006	366	-3946.3	-15226.7	-694.0	-555.9
2007	420	-3883.7	-14957.3	-683.7	-546.8
2008	424	-3745.6	-14360.2	-661.9	-526.3
2009	480	-3705.2	-14229.0	-654.2	-520.9
2010	471	-3414.0	-13042.9	-604.4	-479.5
2011	534	-3370.3	-12902.3	-595.8	-473.8
2012	552	-3038.3	-11568.7	-540.2	-425.8
2013	599	-2964.9	-11308.4	-525.5	-416.4
2014	537	-2814.4	-10666.5	-499.4	-395.3
2015	448	-2649.6	-9920.7	-472.6	-371.2
2016	365	-2568.5	-9732.1	-461.1	-358.0
2017	276	-2504.8	-9437.2	-453.1	-347.5
2018	232	-2239.9	-8530.0	-403.1	-311.5
2019	220	-2116.5	-8050.5	-381.5	-294.1
2020	217	-2125.0	-8128.6	-383.4	-294.8



2021 162 -1734.4 -6608.8 -317.0 -238.7

Tabel: 329 Montbéliard: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Eff	Int	Gewen	AMS
1987	14	93.6	92.6	99.1	89.4
1989	27	95.5	93.4	99.6	91.7
1990	28	95.2	93.0	99.3	91.0
1991	22	95.1	93.3	99.5	91.3
1992	23	94.8	93.6	99.1	90.9
1993	33	94.3	92.6	98.5	88.7
1994	41	94.5	92.7	98.9	89.7
1995	29	94.3	92.7	98.7	89.4
1996	30	95.3	93.0	99.3	90.9
1997	59	94.8	93.1	98.6	89.9
1998	39	95.5	93.1	98.3	90.4
1999	26	96.2	93.2	98.1	91.0
2000	33	95.9	92.9	98.6	91.0
2001	23	95.3	91.9	99.5	90.7
2002	32	94.9	93.0	98.9	90.4
2003	46	95.0	93.0	98.9	90.6
2004	47	94.4	92.6	99.2	89.9
2005	54	93.6	92.1	98.7	88.5
2006	53	94.2	93.1	98.8	89.8
2007	71	93.4	92.9	98.9	89.3
2008	66	93.4	92.6	98.2	88.4
2009	111	93.4	91.9	98.8	88.4
2010	145	93.7	91.9	99.0	88.6
2011	176	93.9	93.0	99.0	89.5
2012	164	94.3	94.1	98.7	90.3
2013	195	94.1	95.0	98.1	90.2
2014	161	93.8	95.3	98.8	90.5
2015	153	94.1	96.3	98.2	91.0
2016	120	95.5	96.7	97.7	92.0
2017	72	96.6	97.7	97.1	93.0
2018	56	96.1	99.5	97.8	94.0
2019	38	97.5	100.5	97.9	96.1
2020	43	98.9	101.5	98.1	98.2
2021	36	99.2	101.6	97.8	98.4

Tabel: 330 Montbéliard: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	13	98.5	98.8	0	0.0	0.0	0	0.0
1981	26	98.5	99.0	0	0.0	0.0	0	0.0
1982	20	98.9	99.0	0	0.0	0.0	0	0.0
1983	17	99.2	99.5	0	0.0	0.0	0	0.0
1984	25	97.8	99.3	0	0.0	0.0	0	0.0
1985	43	97.7	98.7	43	-6.2	149.5	0	0.0
1986	39	97.7	99.2	38	-6.0	142.8	0	0.0
1987	73	96.9	98.7	73	-6.2	150.8	0	0.0
1988	57	97.5	99.2	54	-6.1	147.5	0	0.0
1989	78	96.9	99.1	57	-5.1	75.8	0	0.0
1990	92	96.8	98.8	58	-4.9	74.4	0	0.0

1991	65	97.5	98.9	42	-5.3	97.3	0	0.0
1992	93	98.3	99.1	59	-4.9	97.5	0	0.0
1993	100	97.9	98.5	61	-4.4	73.2	0	0.0
1994	173	97.7	98.7	99	-4.5	78.5	0	0.0
1995	125	97.9	98.7	45	-4.6	83.0	0	0.0
1996	192	98.0	98.8	98	-4.9	98.2	0	0.0
1997	164	98.2	99.0	65	-3.9	51.9	0	0.0
1998	185	98.0	99.1	72	-3.8	43.8	0	0.0
1999	218	97.6	98.9	99	-4.1	57.6	0	0.0
2000	226	97.6	99.0	84	-4.0	47.5	0	0.0
2001	240	97.6	98.6	89	-4.0	50.9	31	103.4
2002	186	98.0	98.4	50	-3.2	27.1	42	103.2
2003	239	98.5	98.8	60	-3.1	25.0	44	104.2
2004	272	98.4	98.5	58	-2.8	21.2	39	103.3
2005	353	98.5	98.5	77	-2.4	1.6	68	104.2
2006	364	99.0	98.3	53	-2.4	5.0	42	104.5
2007	414	98.8	98.5	54	-1.7	-19.6	54	105.0
2008	416	98.5	98.0	57	-2.1	-8.5	55	104.8
2009	473	98.3	98.1	54	-1.6	-21.1	54	105.2
2010	459	98.6	98.3	44	-1.2	-26.9	42	105.7
2011	514	98.7	98.5	62	-1.6	-18.7	60	105.0
2012	528	99.3	98.9	56	-1.3	-25.4	54	104.6
2013	569	99.2	98.7	65	-1.3	-20.6	65	104.3
2014	531	99.0	98.4	70	-1.0	-21.2	69	104.1
2015	439	99.5	98.3	40	-0.6	-30.6	39	105.2
2016	362	99.3	97.6	62	-0.7	-26.7	59	104.3
2017	276	99.1	96.7	40	-0.7	-23.4	38	104.0
2018	226	99.4	96.9	39	-0.3	-37.4	39	105.4
2019	212	99.5	96.8	28	-0.5	-32.5	28	104.9
2020	213	99.5	97.1	13	-0.6	-28.8	13	104.8
2021	162	100.0	97.1	3	-1.3	19.0	0	0.0

Tabel: 331 Montbéliard: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1985	12	100.0	0	0.0	0	0.0	12	99.9
1986	14	100.0	0	0.0	0	0.0	14	99.4
1987	24	100.0	0	0.0	0	0.0	24	99.8
1988	17	100.0	0	0.0	0	0.0	17	99.9
1989	34	100.0	0	0.0	0	0.0	34	99.4
1990	39	100.0	0	0.0	0	0.0	39	99.6
1991	26	100.0	0	0.0	0	0.0	26	99.6
1992	34	100.0	0	0.0	0	0.0	34	100.0
1993	49	100.0	0	0.0	1	99.0	49	99.1
1994	65	100.0	1	103.0	2	99.5	65	99.4
1995	44	100.0	0	0.0	0	0.0	44	99.2
1996	59	100.0	0	0.0	0	0.0	59	99.6
1997	87	100.0	1	102.0	1	97.0	87	99.9
1998	78	100.0	1	102.0	1	102.0	78	99.8
1999	72	100.0	0	0.0	0	0.0	72	99.6
2000	93	100.0	0	0.0	3	100.3	93	99.8
2001	68	100.0	0	0.0	0	0.0	68	99.5
2002	74	100.1	3	102.3	4	101.5	74	99.6
2003	98	100.0	0	0.0	2	99.5	98	99.4
2004	129	100.0	0	0.0	3	101.0	129	99.5
2005	151	100.0	0	0.0	0	0.0	151	99.6
2006	176	100.0	1	103.0	2	101.0	176	99.7
2007	218	100.0	8	102.0	8	97.8	218	99.9
2008	261	100.0	2	102.0	2	97.0	261	100.0

2009	336	100.0	2	103.0	3	99.3	336	99.8
2010	401	100.1	2	102.5	3	100.3	401	100.0
2011	459	100.2	0	0.0	2	99.5	459	99.9
2012	467	100.4	2	103.5	3	99.0	467	99.8
2013	513	100.4	1	104.0	2	100.5	513	100.0
2014	465	100.4	0	0.0	1	100.0	465	100.1
2015	386	100.5	1	103.0	1	100.0	386	100.1
2016	331	100.2	1	102.0	1	100.0	331	100.4
2017	244	100.2	0	0.0	0	0.0	244	100.4
2018	192	100.3	0	0.0	0	0.0	192	100.6
2019	174	100.3	0	0.0	0	0.0	174	100.8
2020	186	100.2	0	0.0	0	0.0	186	100.9
2021	143	100.1	0	0.0	0	0.0	143	100.6

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1992	10	103.6	101.1	104.4	101.8	105.3	102.1
1993	22	105.3	102.9	105.4	103.4	106.3	102.5
1994	26	104.8	102.3	104.7	102.8	106.0	102.7
1995	14	105.1	102.5	105.1	103.3	106.2	102.6
1996	14	104.0	101.7	104.1	102.1	105.6	102.4
1997	31	103.6	101.3	103.6	101.6	105.6	102.3
1998	25	103.9	101.3	104.4	101.9	105.6	102.3
1999	15	103.7	101.0	104.3	102.2	105.7	102.3
2000	12	104.2	101.3	104.8	102.4	106.0	102.6
2001	12	103.9	101.3	104.4	102.2	105.7	101.7
2002	12	103.6	101.1	104.2	101.8	105.4	101.9
2003	24	104.1	101.3	104.6	102.1	105.8	102.3
2004	23	103.3	100.7	103.7	101.5	105.3	101.9
2005	30	103.7	101.3	104.2	101.7	105.2	102.0
2006	21	104.4	102.0	104.8	102.4	105.9	102.7
2007	41	103.4	100.9	103.7	101.5	105.3	101.5
2008	30	103.3	100.5	103.8	101.6	105.4	101.8
2009	49	103.3	100.4	103.6	101.5	105.2	102.0
2010	39	103.5	100.7	103.7	101.8	105.3	102.2
2011	45	103.1	100.2	103.2	101.4	105.3	101.9
2012	64	102.8	100.1	103.2	101.0	105.1	101.8
2013	59	102.6	100.2	103.3	100.7	104.9	101.5
2014	69	102.6	99.9	103.3	101.1	104.9	101.2
2015	54	103.0	100.3	103.6	101.5	104.7	101.2
2016	37	103.1	100.4	103.6	101.5	104.9	101.0
2017	22	102.8	100.3	103.5	101.5	104.6	100.0

Tabel: 333 Piemontese: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1985	21	94.6	99.6	92.9	94.2	91.3	89.9	74.8	95.6	92.1
1986	16	95.5	98.8	93.0	93.9	91.9	90.2	72.7	95.1	92.1
1987	27	95.4	99.6	93.1	94.7	91.8	89.7	75.6	95.6	92.3
1988	28	95.1	100.4	93.0	94.9	91.4	89.2	77.2	96.0	92.2
1989	62	93.7	100.3	91.9	94.2	90.0	88.1	76.3	95.1	91.0
1990	96	94.3	100.2	92.7	94.6	90.9	90.0	75.2	95.6	92.0
1991	180	94.9	100.3	93.0	94.8	91.4	90.0	74.8	95.8	92.3

1992	309	95.1	100.2	93.2	94.8	91.5	90.3	75.0	95.9	92.5
1993	396	95.3	100.8	93.7	95.3	92.0	90.1	73.8	96.5	92.9
1994	363	95.5	100.5	93.8	95.3	92.2	90.3	73.6	96.4	93.0
1995	365	95.5	100.8	94.0	95.5	92.3	90.2	73.9	96.7	93.1
1996	400	95.5	100.6	94.0	95.3	92.3	90.1	74.0	96.6	93.1
1997	391	95.5	100.6	94.0	95.3	92.3	90.2	74.1	96.6	93.1
1998	389	95.6	100.7	94.3	95.6	92.7	90.8	73.8	96.8	93.5
1999	399	95.6	100.7	94.3	95.6	92.7	91.2	74.4	96.8	93.6
2000	394	95.4	100.6	94.2	95.5	92.6	91.2	74.7	96.7	93.5
2001	370	95.5	100.6	94.3	95.6	92.8	90.8	74.4	96.8	93.5
2002	361	95.4	101.0	94.5	95.9	92.9	90.9	75.2	97.1	93.7
2003	321	95.3	100.6	94.2	95.6	92.6	90.7	75.3	96.7	93.4
2004	371	95.2	100.7	94.1	95.6	92.6	90.6	75.5	96.7	93.3
2005	353	94.7	100.7	93.9	95.5	92.2	90.6	76.3	96.6	93.1
2006	322	95.1	100.7	94.1	95.6	92.6	90.9	76.2	96.7	93.4
2007	341	95.2	101.1	94.5	96.1	92.9	91.1	76.1	97.1	93.8
2008	288	95.4	100.7	94.5	95.9	93.0	91.1	76.3	97.0	93.7
2009	313	95.2	100.7	94.5	95.8	92.8	91.1	76.7	96.9	93.6
2010	294	94.9	101.0	94.5	96.0	92.7	91.0	77.9	97.1	93.6
2011	262	95.3	100.7	94.6	95.9	93.0	91.1	77.2	97.0	93.8
2012	224	95.3	100.7	94.5	95.9	92.9	91.1	77.1	96.9	93.7
2013	261	95.1	100.7	94.6	96.0	92.9	91.2	78.0	97.0	93.8
2014	289	95.3	100.8	94.7	96.0	93.0	91.2	77.6	97.1	93.8
2015	221	95.3	100.7	94.6	96.0	93.0	91.2	78.2	97.0	93.8
2016	198	95.6	100.7	94.9	96.1	93.2	91.4	78.3	97.2	94.0
2017	170	95.4	101.4	95.2	96.8	93.3	91.4	78.7	97.8	94.3
2018	152	95.2	101.3	95.1	96.5	93.1	91.3	79.3	97.6	94.2
2019	161	95.4	100.9	95.0	96.2	93.1	91.5	79.3	97.3	94.1
2020	93	95.3	101.2	95.2	96.5	93.2	91.7	80.1	97.7	94.3
2021	45	95.6	101.1	95.4	96.7	93.6	91.9	79.4	97.7	94.5
2022	19	96.1	100.9	95.6	96.7	93.7	92.3	79.5	97.8	94.7

Tabel: 334 Piemontese: Geboortekenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	14	73.9	115.9	122.1	103.2	92.0	94.0
1990	20	73.7	116.7	122.2	104.5	91.2	91.5
1991	40	75.2	116.3	121.2	105.1	93.6	92.9
1992	38	74.4	118.2	122.2	106.5	91.6	91.6
1993	35	76.1	117.9	120.7	103.5	91.2	93.3
1994	50	74.1	118.2	122.5	103.8	92.8	93.9
1995	63	75.8	117.2	121.0	104.2	92.8	94.0
1996	73	75.7	118.1	121.3	104.7	92.5	93.9
1997	75	76.0	117.7	120.7	104.2	93.8	94.0
1998	86	74.9	118.9	121.9	105.3	92.6	93.2
1999	103	76.1	118.4	121.1	105.8	93.4	93.6
2000	117	77.0	117.3	120.1	104.8	93.1	94.2
2001	131	76.9	117.9	120.4	105.0	93.7	94.1
2002	132	77.1	117.6	120.2	104.8	92.9	93.9
2003	114	77.2	117.8	120.0	104.5	94.4	94.7
2004	158	76.7	118.0	120.5	104.7	93.8	94.5
2005	194	77.2	118.3	120.3	105.7	94.2	94.4
2006	172	76.8	118.6	120.4	105.1	94.2	94.3
2007	312	78.1	118.7	119.6	105.7	93.1	93.5
2008	310	77.8	119.0	119.7	106.6	93.0	92.5
2009	276	77.7	118.7	120.0	107.4	93.6	92.4
2010	280	77.9	117.8	119.7	107.3	94.1	92.8
2011	251	78.8	118.4	119.1	108.0	93.5	92.0
2012	231	78.4	118.0	119.3	107.9	93.1	91.5

2013	207	79.1	117.8	118.7	107.7	93.3	92.0
2014	242	78.3	118.1	119.5	108.2	93.1	91.5
2015	199	78.6	116.5	118.9	107.4	93.0	91.9
2016	192	80.3	116.7	117.5	107.9	93.1	91.3
2017	190	79.6	115.8	117.9	107.9	92.9	90.8
2018	168	81.1	116.2	116.5	107.5	92.7	91.0
2019	151	81.6	115.2	116.1	107.5	92.6	91.2
2020	147	81.4	114.7	116.2	107.4	92.9	91.1
2021	146	79.5	115.8	117.8	106.6	93.1	91.6
2022	153	80.1	114.6	117.1	107.0	93.1	91.3
2023	130	80.4	114.8	116.8	107.5	92.9	90.9
2024	21	79.8	114.0	117.6	107.5	92.0	91.5

Tabel: 335 Piemontese: Vleeskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1988	12	111.2	145.2	103.0	117.6	125.1	113.7	103.5	98.8	129.2	118.0	113.5
1989	22	110.9	146.5	104.8	117.7	126.0	114.6	102.7	98.3	131.3	119.7	113.8
1990	40	109.5	146.1	103.2	117.4	124.9	113.5	102.1	96.7	130.3	118.5	112.6
1991	81	109.8	146.1	104.0	117.5	125.2	113.6	102.2	97.4	130.8	118.8	113.0
1992	137	110.4	147.0	103.7	117.9	126.1	112.9	103.1	96.8	130.9	118.4	113.2
1993	168	109.8	146.3	104.0	116.8	125.7	113.0	102.5	96.7	130.4	118.2	112.2
1994	167	109.4	145.9	103.9	116.6	125.3	112.9	102.3	96.5	130.3	117.9	112.4
1995	177	109.7	146.7	104.2	117.2	125.5	113.3	102.3	96.7	130.9	118.3	112.8
1996	174	109.7	146.8	104.3	117.1	125.7	113.5	102.2	96.8	130.8	118.4	112.6
1997	183	109.7	147.0	104.4	117.2	125.8	113.6	102.1	96.9	131.0	118.7	112.7
1998	149	110.2	147.7	104.5	117.8	126.7	113.4	102.6	96.8	131.4	118.4	113.5
1999	189	110.5	148.1	104.5	118.2	126.8	113.6	102.7	96.9	131.8	118.7	114.0
2000	187	110.0	147.6	104.6	118.0	126.5	113.9	102.1	97.0	131.9	118.9	113.8
2001	183	110.2	148.4	104.6	118.7	126.7	114.8	101.9	97.3	132.4	119.4	114.5
2002	173	110.6	148.3	104.7	118.6	127.3	115.0	102.1	97.5	133.0	119.4	114.9
2003	157	110.6	148.6	104.8	119.1	127.2	114.9	102.2	97.4	133.1	119.5	115.2
2004	168	110.8	148.3	104.9	119.2	127.0	115.4	102.3	97.8	133.1	120.0	115.5
2005	162	111.0	149.4	105.4	119.9	127.3	115.6	102.5	97.6	133.9	120.2	116.3
2006	134	111.2	149.4	105.6	119.4	127.9	115.5	102.4	97.7	134.4	120.1	116.5
2007	123	110.9	149.8	105.0	119.8	127.7	115.5	102.2	97.4	134.4	119.7	116.4
2008	78	110.6	148.1	104.5	119.5	126.5	115.4	102.1	97.5	133.4	119.2	116.3
2009	63	110.8	148.6	104.7	120.3	126.6	115.7	102.5	97.6	133.3	119.6	116.8
2010	23	110.9	148.7	103.8	121.7	125.5	116.3	102.6	97.4	133.6	119.3	118.4

Tabel: 336 Blonde d'Aquitaine: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1980	36	95.7	97.5	91.8	92.7	91.6	80.1	51.5	93.6	89.0
1981	13	94.8	97.4	91.1	92.3	90.6	78.7	51.7	93.1	88.1
1982	18	98.4	95.8	92.8	92.3	93.3	83.3	50.0	93.3	90.3
1983	15	96.9	95.9	91.8	91.7	92.1	82.1	50.9	92.7	89.3
1984	19	97.6	96.2	92.1	92.3	92.7	82.4	50.4	93.1	89.7
1985	50	97.4	96.0	92.1	92.1	92.5	82.1	49.8	93.0	89.5
1986	78	97.6	97.0	93.2	93.2	93.3	83.0	51.1	94.3	90.7
1987	116	97.7	95.8	92.2	91.9	92.7	82.8	50.1	93.0	89.8
1988	184	97.0	96.3	92.2	92.2	92.4	82.8	51.9	93.3	89.8
1989	367	97.6	96.0	92.5	92.2	92.7	83.2	52.6	93.3	90.1
1990	502	97.6	96.1	92.5	92.3	92.8	83.2	52.5	93.4	90.1

1991	757	97.5	96.0	92.2	92.2	92.6	82.8	51.4	93.1	89.8
1992	1082	96.8	96.2	91.8	92.1	92.1	82.0	52.6	93.0	89.3
1993	1074	96.6	96.6	92.0	92.4	92.1	82.0	52.8	93.3	89.5
1994	906	96.7	96.6	92.0	92.4	92.1	81.9	52.6	93.3	89.5
1995	1032	96.6	96.6	92.0	92.4	92.1	81.8	52.7	93.4	89.5
1996	1000	96.6	96.6	92.0	92.4	92.1	81.6	52.2	93.4	89.4
1997	1047	96.8	96.6	92.1	92.5	92.2	81.7	52.2	93.3	89.5
1998	958	96.6	96.7	92.1	92.5	92.1	81.7	52.8	93.5	89.5
1999	911	96.9	96.5	92.2	92.4	92.3	82.0	52.5	93.4	89.6
2000	954	96.9	96.8	92.4	92.7	92.5	82.1	52.5	93.7	89.8
2001	908	96.7	96.9	92.3	92.8	92.4	82.0	52.4	93.7	89.8
2002	839	96.9	97.0	92.5	92.9	92.6	82.2	52.6	93.9	90.0
2003	880	96.9	96.8	92.3	92.7	92.5	82.2	52.2	93.6	89.8
2004	917	96.9	96.6	92.1	92.6	92.4	82.1	52.3	93.4	89.7
2005	944	96.6	96.7	91.9	92.6	92.2	81.9	52.2	93.3	89.5
2006	985	96.7	96.7	92.0	92.6	92.3	82.1	52.3	93.4	89.6
2007	943	96.7	96.6	91.8	92.5	92.2	82.0	52.0	93.3	89.5
2008	990	96.7	96.6	91.9	92.5	92.2	82.2	52.3	93.3	89.6
2009	942	96.7	96.5	91.8	92.4	92.2	82.1	52.2	93.2	89.4
2010	927	96.6	96.6	91.8	92.5	92.2	82.1	52.3	93.2	89.5
2011	891	96.8	96.5	91.9	92.5	92.4	82.4	52.5	93.2	89.7
2012	837	96.8	96.5	91.9	92.5	92.4	82.4	52.5	93.2	89.6
2013	827	96.9	96.5	92.0	92.5	92.4	82.3	52.3	93.2	89.6
2014	815	96.9	96.4	91.9	92.4	92.4	82.3	52.5	93.2	89.6
2015	815	96.9	96.4	91.9	92.4	92.4	82.4	52.7	93.2	89.6
2016	715	97.0	96.1	91.9	92.3	92.4	82.4	52.7	93.0	89.6
2017	656	97.2	96.1	92.0	92.3	92.5	82.3	52.3	93.1	89.6
2018	533	97.2	96.1	92.0	92.3	92.6	82.5	52.5	93.0	89.6
2019	346	97.5	95.7	91.9	92.1	92.6	82.5	52.4	92.8	89.6
2020	139	97.5	95.7	91.9	92.1	92.6	82.5	52.3	92.8	89.5
2021	55	97.7	95.8	92.1	92.2	92.8	82.4	52.0	93.0	89.6

Tabel: 337 Blonde d'Aquitaine: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12	70.6	120.8	133.4	0.0	0.0	0.0
1985	10	68.9	121.7	134.6	127.0	92.0	78.0
1987	21	68.3	122.4	135.2	127.0	94.0	85.0
1988	25	68.1	121.4	135.6	126.0	93.0	82.0
1989	42	67.5	122.0	136.0	126.5	94.5	81.0
1990	49	67.4	121.5	136.1	127.0	94.6	83.0
1991	51	67.0	121.6	136.4	127.3	92.0	79.7
1992	88	68.3	122.0	135.3	127.8	91.7	79.5
1993	112	68.9	122.1	134.8	128.2	92.1	80.0
1994	89	68.7	122.1	134.8	127.3	92.1	79.6
1995	81	69.6	121.2	134.1	127.6	92.2	80.6
1996	71	70.0	121.7	133.8	128.5	92.8	79.8
1997	101	70.5	121.7	133.2	127.9	92.3	80.6
1998	112	70.2	121.6	133.5	127.9	93.2	81.0
1999	110	69.8	121.7	133.7	126.9	93.2	81.2
2000	129	70.2	121.4	133.6	128.0	93.5	81.0
2001	155	71.2	121.5	132.7	128.0	93.8	81.0
2002	132	71.9	121.1	132.1	128.6	93.6	80.3
2003	168	71.1	121.8	132.6	127.9	93.3	80.2
2004	208	70.8	122.0	132.9	127.3	92.5	80.4
2005	271	70.6	122.5	133.2	127.4	92.9	81.4
2006	230	70.8	122.3	132.9	127.2	93.0	81.2
2007	415	72.2	122.9	131.4	127.0	92.6	80.1
2008	474	72.5	123.1	131.0	126.5	92.7	80.1

2009	416	72.4	122.9	131.1	126.4	92.1	79.8
2010	410	71.9	122.4	131.6	126.9	92.5	79.7
2011	410	71.3	122.0	132.3	128.1	92.8	79.5
2012	414	71.0	121.7	132.7	128.7	92.8	79.4
2013	393	70.5	121.6	133.1	128.3	92.8	79.6
2014	436	70.5	121.1	133.0	127.6	93.5	80.4
2015	380	70.2	120.8	133.4	128.3	93.4	80.0
2016	356	69.3	121.1	134.1	128.4	93.6	79.9
2017	375	69.9	120.9	133.6	128.2	93.4	80.1
2018	370	70.2	121.1	133.3	128.5	93.4	79.6
2019	311	69.7	120.8	133.9	128.5	93.8	80.0
2020	314	69.0	121.1	134.4	128.3	94.2	80.2
2021	276	69.3	120.8	134.1	127.7	93.9	80.4
2022	264	69.0	120.7	134.5	128.3	94.1	80.4
2023	263	69.2	120.5	134.2	128.0	94.1	80.4
2024	30	69.2	119.8	134.3	128.5	94.5	80.8

Tabel: 338 Blonde d'Aquitaine: Vleeskenmerken  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	11	116.9	149.5	106.6	131.6	131.2	115.5	107.1	102.5	131.9	119.0	122.4
1985	12	116.2	148.8	106.6	133.3	127.5	116.7	107.2	101.8	130.9	119.6	124.3
1986	15	114.5	147.6	105.2	132.1	126.3	115.7	106.0	100.5	130.9	117.1	123.7
1987	30	115.9	148.8	106.3	133.8	127.1	116.8	107.1	101.4	130.8	119.1	125.0
1988	41	115.9	148.3	106.6	133.4	127.6	116.7	106.9	101.9	130.3	119.2	124.4
1989	85	115.8	149.4	106.7	133.5	127.8	116.8	106.7	101.5	131.1	119.4	124.1
1990	98	115.4	149.0	106.6	133.1	127.5	116.5	106.5	101.5	130.8	119.2	123.7
1991	228	114.9	148.6	106.4	132.6	127.5	116.2	106.0	100.9	130.2	119.1	122.8
1992	335	115.1	149.1	106.9	132.7	128.1	116.5	106.1	101.1	130.8	119.5	122.9
1993	344	115.6	149.3	106.9	133.2	128.2	116.4	106.5	101.3	130.6	119.5	123.3
1994	245	115.9	149.0	107.0	133.4	128.0	116.5	106.9	101.8	130.2	119.8	123.6
1995	227	116.0	149.7	106.6	133.7	128.4	116.4	106.9	101.7	130.7	119.4	123.5
1996	221	115.4	148.7	106.8	132.4	128.1	116.0	106.3	101.8	130.1	119.2	122.0
1997	253	116.1	149.7	106.9	133.0	129.0	115.9	106.8	102.2	130.9	119.0	122.7
1998	236	116.3	149.9	107.3	133.3	129.3	116.2	106.9	102.3	131.1	119.6	122.8
1999	253	116.8	150.2	106.9	133.9	129.4	116.1	107.3	102.5	131.2	119.4	123.4
2000	274	116.3	149.7	106.4	133.5	128.9	116.1	107.0	102.2	130.9	119.1	123.0
2001	263	116.2	149.8	106.3	133.4	129.1	116.1	106.8	102.1	131.0	118.9	123.1
2002	213	116.2	149.4	106.8	132.8	129.3	116.2	106.8	102.2	131.1	119.2	123.0
2003	207	116.6	149.0	107.2	132.4	129.1	115.7	107.1	102.7	130.7	119.0	122.7
2004	247	116.8	148.6	107.2	132.2	129.0	115.4	107.5	102.6	130.6	118.5	123.3
2005	228	116.3	148.0	107.5	132.3	128.2	115.8	107.2	102.3	130.1	118.7	123.4
2006	176	116.3	147.5	107.8	131.5	128.5	115.5	107.3	102.3	130.1	118.6	123.1
2007	174	116.2	147.6	107.5	131.7	128.4	115.4	107.4	101.8	130.1	118.6	123.3
2008	128	116.2	147.6	107.4	131.4	128.7	115.1	107.4	101.7	130.3	118.5	122.8
2009	107	116.2	147.4	107.1	131.9	127.8	115.0	107.6	101.9	129.6	118.3	123.1
2010	42	116.0	147.7	107.4	131.4	128.3	115.2	107.1	101.6	130.4	118.4	122.9
2011	23	117.3	149.1	106.9	134.7	127.7	115.5	108.5	102.0	130.4	118.2	126.0

Tabel: 339 Blonde d'Aquitaine: Reproductiestoornissen  
Basis: Dubbeldoel  
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
2014	11	102.9	100.6	103.9	102.8	101.6	101.9

Tabel: 340 Normande: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1995	12	-2057.7	-84.2	-72.2	-92.7	12.8	2.8	1.6	-500.4
2000	11	-1838.9	-78.5	-63.5	-82.7	5.9	4.0	1.5	-450.1
2007	11	-1753.2	-79.0	-63.5	-69.0	-0.8	-0.9	17.2	-447.0

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

Tabel: 341 Normande: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
1995	10	102.5	104.5	101.8	103.8	101.4	98.7	83.2	103.4	101.9
2007	10	103.4	102.9	101.6	102.9	101.8	99.1	83.6	102.4	101.7

Tabel: 342 Normande: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1995	12	-160.6	-500.4	0.0	95.2	101.9	86.0	89.5	97.5	130.9
2000	11	-150.6	-450.1	-278.8	95.1	100.7	83.0	92.0	0.0	138.1
2007	11	-185.8	-447.0	-449.5	95.2	101.7	85.5	91.0	97.0	89.5

Tabel: 343 Normande: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2007	10	-4414.3	-17518.5	-765.7	-623.1

Tabel: 344 Normande: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1995	12	100.2	96.4	12	-5.5	130.9	0	0.0
2000	11	100.0	96.0	11	-5.3	138.1	0	0.0
2007	11	101.4	95.9	11	-4.4	89.5	2	96.5

Tabel: 345 Normande: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: NL



Jaar	Aantal	Sain	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1995	10	100.0	0	0.0	0	0.0	10	98.7
2007	10	100.0	0	0.0	0	0.0	10	99.6

Tabel: 346 KRB: Melkproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2015	14	-264.1	-15.3	-19.4	-4.1	-4.6	-14.7	12.9	-112.6
2017	10	-76.8	-4.5	-14.2	2.6	-0.6	-17.1	9.3	-67.0
2018	15	-114.3	-7.9	-11.9	4.3	-3.7	-11.9	14.8	-64.1
2019	11	-310.4	-8.2	-17.7	-8.1	9.7	-9.9	10.0	-92.1

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

Tabel: 347 KRB: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO	Vru
2015	14	99.4	98.9	98.0	98.3	99.1	99.5	93.9	98.3	98.6
2018	11	98.7	98.8	97.5	98.1	98.6	99.1	94.5	97.9	98.3

Tabel: 348 KRB: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
2015	14	-67.8	-112.6	-109.6	97.7	98.6	0.0	0.0	98.0	16.1
2017	10	-51.7	-67.0	-68.6	97.6	97.9	0.0	0.0	98.0	12.3
2018	15	-39.9	-64.1	-9.7	98.3	98.3	0.0	0.0	98.0	13.0
2019	11	-59.5	-92.1	-127.2	97.8	98.5	0.0	0.0	98.5	15.5

Tabel: 349 KRB: Levensproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2015	14	-1626.4	-6247.8	-260.6	-241.4
2017	10	-1189.0	-4456.6	-173.6	-185.7
2018	15	-817.2	-3063.8	-122.4	-126.0
2019	11	-1615.5	-6604.3	-247.9	-244.0

Tabel: 350 KRB: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
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2015	14	96.7	94.0	14	-0.8	16.1	0	0.0
2017	10	97.0	94.4	10	-0.4	12.3	0	0.0
2018	15	96.8	94.5	15	-0.5	13.0	0	0.0
2019	11	96.5	95.6	11	-0.7	15.5	0	0.0

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Tabel: 351 KRB: Stofwisselingsaandoeningen

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2010	11	99.9	0	0.0	0	0.0	11	95.3
2013	11	99.8	0	0.0	0	0.0	11	94.7
2015	14	99.5	0	0.0	0	0.0	14	93.6
2017	10	99.3	0	0.0	0	0.0	10	92.5
2018	15	99.3	0	0.0	0	0.0	15	92.3
2019	11	99.8	0	0.0	0	0.0	11	95.3

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