

## Genetische trends van koeien in Vlaanderen

Datum: 08-12-2020

Algemene toelichting op de genetische trends van koeien:

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

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

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

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

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

Toelichting op gebruikte afkortingen:

---

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

Kgh = Klauwgezondheidsindex  
 Bv = Bevangenheid  
 Mo = Mortellaro  
 Sp = Stinkpoot  
 Zz = Zoolzweer  
 Ty = Tyloom  
 Wld = Wittelij n defect  
 LVg = Index Levensvatbaarheid  
 LVa = Index Maternale Levensvatbaarheid  
 LVg1 = Directe levensvatbaarheid vaarzen  
 LVa1 = Maternale levensvatbaarheid vaarzen  
 LVg2 = Directe levensvatbaarheid koeien  
 LVa2 = Maternale levensvatbaarheid koeien  
 Geb = Direct geboorteverloop  
 DDt = Directe draagtijd  
 DGw = Direct geboortegewicht  
 Afk = Maternaal afkalfgemak  
 MDt = Maternale draagtijd  
 MGw = Maternaal geboortegewicht  
 Gin = Geboorteindex  
 Be\_ko = Bevleesdheid koe  
 Ve\_ko = Vetbedekking koe  
 Gw\_ko = Gewicht koe  
 Be\_ka = Bevleesdheid kalf  
 Ve\_ka = Vetbedekking kalf  
 Gr\_ka = Groei kalf  
 Vlkl = Vleeskleur kalf  
 Be\_st = Bevleesdheid stier  
 Ve\_st = Vetbedekking stier  
 Gr\_st = Groei stier  
 Vlin = Vleesindex  
 KaVi1 = Kalvervitaliteit gedurende opfok  
 KaVi2 = Kalvervitaliteit gedurende opfok dag 3-14  
 KaVi3 = Kalvervitaliteit mestkalveren  
 LPin = Levensproductie index  
 LPkgM = Levensproductie kg melk  
 LPkgV = Levensproductie kg vet  
 LPkgE = Levensproductie kg eiwit  
 Eff = AMS Efficiency  
 Int = AMS Interval  
 Gewen = AMS Gewenning  
 Pers = Persistentie  
 RTM = Laatrij pheid  
 DSopn = Kg droge stof opname  
 Gew = Lichaamsgewicht  
 BVK = Besparing voerkosten voor onderhoud (euro/lact)  
 Sain = Stofwisselingsaandoeningen index  
 MZ = Melkziekte index  
 SMZ = Klinische Ketose / Slepende Melkziekte index  
 RSin = Reproductiestoornissen index  
 NAGE = Aan de nageboorte blijven staan-index  
 VUIL = Niet opgeschoonde baarmoeders-index  
 BMON = Baarmoederontsteking index  
 CYST = Cysteuze eierstokken index  
 ANOE = Anoestrus index  
 SubKE = Subklinische ketose index

Rassen met meer dan 10 waarnemingen per jaar - Vlaanderen

---

Zwartbont Holstein  
 Red-Holstein  
 Holstein - Fries Hollands zwartbont  
 Fries Hollands - zwartbont  
 Maas Rijn IJssel

MRIJ - Holstein Friesian roodbont  
 Jersey  
 Lakenvelder - zwartbont  
 Verbeterd Roodbont  
 Witblauw Mixte  
 Rood Dubbeldoel  
 Witrood  
 Witblauw  
 Fleck Vieh  
 Brown Swiss  
 Montbéliard  
 Blonde d'Aquitaine  
 Normande  
 KRB

Inhoudsopgave (Vlaanderen)

---

Tabel:	1	Zwartbont Holstein, basis Z:	Melkproductiekenmerken
Tabel:	2	Zwartbont Holstein, basis Z:	Exterieurkenmerken bouw
Tabel:	3	Zwartbont Holstein, basis Z:	Exterieurkenmerken beenwerk
Tabel:	4	Zwartbont Holstein, basis Z:	Exterieurkenmerken uier
Tabel:	5	Zwartbont Holstein, basis Z:	Exterieurkenmerken bovenbalk
Tabel:	6	Zwartbont Holstein, basis Z:	Vruchtbaarheidskenmerken
Tabel:	7	Zwartbont Holstein, basis Z:	Gebruikskkenmerken
Tabel:	8	Zwartbont Holstein, basis Z:	NVI met onderliggende kenmerken
Tabel:	9	Zwartbont Holstein, basis Z:	Klauwgezondheidskenmerken
Tabel:	10	Zwartbont Holstein, basis Z:	Levensvatbaarheidskenmerken
Tabel:	11	Zwartbont Holstein, basis Z:	Geboortekenmerken
Tabel:	12	Zwartbont Holstein, basis Z:	Vleeskenmerken
Tabel:	13	Zwartbont Holstein, basis Z:	Kalvervitaliteit
Tabel:	14	Zwartbont Holstein, basis Z:	Levensproductiekenmerken
Tabel:	15	Zwartbont Holstein, basis Z:	Robot / AMS kenmerken
Tabel:	16	Zwartbont Holstein, basis Z:	Overige productie en efficiency kenm.
Tabel:	17	Zwartbont Holstein, basis Z:	Stofwisselingsaandoeningen
Tabel:	18	Zwartbont Holstein, basis Z:	Reproductiestoornissen
Tabel:	19	Red-Holstein, basis R:	Melkproductiekenmerken
Tabel:	20	Red-Holstein, basis R:	Exterieurkenmerken bouw
Tabel:	21	Red-Holstein, basis R:	Exterieurkenmerken beenwerk
Tabel:	22	Red-Holstein, basis R:	Exterieurkenmerken uier
Tabel:	23	Red-Holstein, basis R:	Exterieurkenmerken bovenbalk
Tabel:	24	Red-Holstein, basis R:	Vruchtbaarheidskenmerken
Tabel:	25	Red-Holstein, basis R:	Gebruikskkenmerken
Tabel:	26	Red-Holstein, basis R:	NVI met onderliggende kenmerken
Tabel:	27	Red-Holstein, basis R:	Klauwgezondheidskenmerken
Tabel:	28	Red-Holstein, basis R:	Levensvatbaarheidskenmerken
Tabel:	29	Red-Holstein, basis R:	Geboortekenmerken
Tabel:	30	Red-Holstein, basis R:	Vleeskenmerken
Tabel:	31	Red-Holstein, basis R:	Kalvervitaliteit
Tabel:	32	Red-Holstein, basis R:	Levensproductiekenmerken
Tabel:	33	Red-Holstein, basis R:	Robot / AMS kenmerken
Tabel:	34	Red-Holstein, basis R:	Overige productie en efficiency kenm.
Tabel:	35	Red-Holstein, basis R:	Stofwisselingsaandoeningen
Tabel:	36	Red-Holstein, basis R:	Reproductiestoornissen
Tabel:	37	Holstein - Fries Hollands zwartbont, basis Z:	Melkproductiekenmerken
Tabel:	38	Holstein - Fries Hollands zwartbont, basis Z:	Exterieurkenmerken bouw
Tabel:	39	Holstein - Fries Hollands zwartbont, basis Z:	Exterieurkenmerken beenwerk
Tabel:	40	Holstein - Fries Hollands zwartbont, basis Z:	Exterieurkenmerken uier
Tabel:	41	Holstein - Fries Hollands zwartbont, basis Z:	Exterieurkenmerken bovenbalk
Tabel:	42	Holstein - Fries Hollands zwartbont, basis Z:	Vruchtbaarheidskenmerken
Tabel:	43	Holstein - Fries Hollands zwartbont, basis Z:	Gebruikskkenmerken
Tabel:	44	Holstein - Fries Hollands zwartbont, basis Z:	NVI met onderliggende kenmerken

Tabel: 45 Holstein - Fries Hollands zwartbont, basis Z: Klauwgezondheidskenmerken

Tabel: 46 Holstein - Fries Hollands zwartbont, basis Z: Levensvatbaarheidskkenmerken

Tabel: 47 Holstein - Fries Hollands zwartbont, basis Z: Geboortekenmerken

Tabel: 48 Holstein - Fries Hollands zwartbont, basis Z: Vleeskenmerken

Tabel: 49 Holstein - Fries Hollands zwartbont, basis Z: Kalvervitaliteit

Tabel: 50 Holstein - Fries Hollands zwartbont, basis Z: Levensproductiekenmerken

Tabel: 51 Holstein - Fries Hollands zwartbont, basis Z: Robot / AMS kenmerken

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

Tabel: 53 Holstein - Fries Hollands zwartbont, basis Z: Stofwisselingsaandoeningen

Tabel: 54 Fries Hollands - zwartbont, basis Y: Melkproductiekenmerken

Tabel: 55 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken bouw

Tabel: 56 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken beenwerk

Tabel: 57 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken uier

Tabel: 58 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken bovenbalk

Tabel: 59 Fries Hollands - zwartbont, basis Y: Vruchtbaarheidskkenmerken

Tabel: 60 Fries Hollands - zwartbont, basis Y: NVI met onderliggende kenmerken

Tabel: 61 Fries Hollands - zwartbont, basis Y: Levensvatbaarheidskkenmerken

Tabel: 62 Fries Hollands - zwartbont, basis Y: Geboortekenmerken

Tabel: 63 Fries Hollands - zwartbont, basis Y: Vleeskenmerken

Tabel: 64 Fries Hollands - zwartbont, basis Y: Kalvervitaliteit

Tabel: 65 Fries Hollands - zwartbont, basis Y: Levensproductiekenmerken

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

Tabel: 67 Fries Hollands - zwartbont, basis Y: Stofwisselingsaandoeningen

Tabel: 68 Maas Rijn IJssel, basis Y: Melkproductiekenmerken

Tabel: 69 Maas Rijn IJssel, basis Y: Exterieurkenmerken bouw

Tabel: 70 Maas Rijn IJssel, basis Y: Exterieurkenmerken beenwerk

Tabel: 71 Maas Rijn IJssel, basis Y: Exterieurkenmerken uier

Tabel: 72 Maas Rijn IJssel, basis Y: Exterieurkenmerken bovenbalk

Tabel: 73 Maas Rijn IJssel, basis Y: Vruchtbaarheidskkenmerken

Tabel: 74 Maas Rijn IJssel, basis Y: Gebruikskkenmerken

Tabel: 75 Maas Rijn IJssel, basis Y: NVI met onderliggende kenmerken

Tabel: 76 Maas Rijn IJssel, basis Y: Klauwgezondheidskenmerken

Tabel: 77 Maas Rijn IJssel, basis Y: Levensvatbaarheidskkenmerken

Tabel: 78 Maas Rijn IJssel, basis Y: Geboortekenmerken

Tabel: 79 Maas Rijn IJssel, basis Y: Vleeskenmerken

Tabel: 80 Maas Rijn IJssel, basis Y: Kalvervitaliteit

Tabel: 81 Maas Rijn IJssel, basis Y: Levensproductiekenmerken

Tabel: 82 Maas Rijn IJssel, basis Y: Robot / AMS kenmerken

Tabel: 83 Maas Rijn IJssel, basis Y: Overige productie en efficiency kenm.

Tabel: 84 Maas Rijn IJssel, basis Y: Stofwisselingsaandoeningen

Tabel: 85 Maas Rijn IJssel, basis Y: Reproductiestoornissen

Tabel: 86 MRIJ - Holstein Friesian roodbont, basis R: Melkproductiekenmerken

Tabel: 87 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken bouw

Tabel: 88 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken beenwerk

Tabel: 89 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken uier

Tabel: 90 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken bovenbalk

Tabel: 91 MRIJ - Holstein Friesian roodbont, basis R: Vruchtbaarheidskkenmerken

Tabel: 92 MRIJ - Holstein Friesian roodbont, basis R: Gebruikskkenmerken

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

Tabel: 94 MRIJ - Holstein Friesian roodbont, basis R: Klauwgezondheidskenmerken

Tabel: 95 MRIJ - Holstein Friesian roodbont, basis R: Levensvatbaarheidskkenmerken

Tabel: 96 MRIJ - Holstein Friesian roodbont, basis R: Geboortekenmerken

Tabel: 97 MRIJ - Holstein Friesian roodbont, basis R: Vleeskenmerken

Tabel: 98 MRIJ - Holstein Friesian roodbont, basis R: Kalvervitaliteit

Tabel: 99 MRIJ - Holstein Friesian roodbont, basis R: Levensproductiekenmerken

Tabel: 100 MRIJ - Holstein Friesian roodbont, basis R: Robot / AMS kenmerken

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

Tabel: 102 MRIJ - Holstein Friesian roodbont, basis R: Stofwisselingsaandoeningen

Tabel: 103 MRIJ - Holstein Friesian roodbont, basis R: Reproductiestoornissen

Tabel: 104 MRIJ - Holstein Friesian roodbont, basis Y: Melkproductiekenmerken  
Tabel: 105 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken bouw  
Tabel: 106 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken beenwerk  
Tabel: 107 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken uier  
Tabel: 108 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken bovenbalk  
Tabel: 109 MRIJ - Holstein Friesian roodbont, basis Y: Vruchtbaarheidskenmerken  
Tabel: 110 MRIJ - Holstein Friesian roodbont, basis Y: Gebruikskenmerken  
Tabel: 111 MRIJ - Holstein Friesian roodbont, basis Y: NVI met onderliggende kenmerken  
Tabel: 112 MRIJ - Holstein Friesian roodbont, basis Y: Klauwgezondheidskenmerken  
Tabel: 113 MRIJ - Holstein Friesian roodbont, basis Y: Levensvatbaarheidskenmerken  
Tabel: 114 MRIJ - Holstein Friesian roodbont, basis Y: Geboortekenmerken  
Tabel: 115 MRIJ - Holstein Friesian roodbont, basis Y: Vleeskenmerken  
Tabel: 116 MRIJ - Holstein Friesian roodbont, basis Y: Kalvervitaliteit  
Tabel: 117 MRIJ - Holstein Friesian roodbont, basis Y: Levensproductiekenmerken  
Tabel: 118 MRIJ - Holstein Friesian roodbont, basis Y: Overige productie en efficiency kenm.  
Tabel: 119 MRIJ - Holstein Friesian roodbont, basis Y: Stofwisselingsaandoeningen  
Tabel: 120 Jersey, basis R: Melkproductiekenmerken  
Tabel: 121 Jersey, basis R: Exterieurkenmerken bouw  
Tabel: 122 Jersey, basis R: Exterieurkenmerken beenwerk  
Tabel: 123 Jersey, basis R: Exterieurkenmerken uier  
Tabel: 124 Jersey, basis R: Exterieurkenmerken bovenbalk  
Tabel: 125 Jersey, basis R: Vruchtbaarheidskenmerken  
Tabel: 126 Jersey, basis R: Gebruikskenmerken  
Tabel: 127 Jersey, basis R: NVI met onderliggende kenmerken  
Tabel: 128 Jersey, basis R: Levensvatbaarheidskenmerken  
Tabel: 129 Jersey, basis R: Geboortekenmerken  
Tabel: 130 Jersey, basis R: Vleeskenmerken  
Tabel: 131 Jersey, basis R: Kalvervitaliteit  
Tabel: 132 Jersey, basis R: Levensproductiekenmerken  
Tabel: 133 Jersey, basis R: Robot / AMS kenmerken  
Tabel: 134 Jersey, basis R: Overige productie en efficiency kenm.  
Tabel: 135 Jersey, basis R: Stofwisselingsaandoeningen  
Tabel: 136 Lakenvelder - zwartbont, basis Y: Vruchtbaarheidskenmerken  
Tabel: 137 Verbeterd Roodbont, basis B: Vruchtbaarheidskenmerken  
Tabel: 138 Verbeterd Roodbont, basis B: Geboortekenmerken  
Tabel: 139 Verbeterd Roodbont, basis B: Vleeskenmerken  
Tabel: 140 Witblauw Mixte, basis Y: Melkproductiekenmerken  
Tabel: 141 Witblauw Mixte, basis Y: Vruchtbaarheidskenmerken  
Tabel: 142 Witblauw Mixte, basis Y: NVI met onderliggende kenmerken  
Tabel: 143 Witblauw Mixte, basis Y: Geboortekenmerken  
Tabel: 144 Witblauw Mixte, basis Y: Vleeskenmerken  
Tabel: 145 Witblauw Mixte, basis Y: Levensproductiekenmerken  
Tabel: 146 Witblauw Mixte, basis Y: Robot / AMS kenmerken  
Tabel: 147 Witblauw Mixte, basis Y: Overige productie en efficiency kenm.  
Tabel: 148 Witblauw Mixte, basis Y: Stofwisselingsaandoeningen  
Tabel: 149 Rood Dubbeldoel, basis Y: Melkproductiekenmerken  
Tabel: 150 Rood Dubbeldoel, basis Y: Exterieurkenmerken bouw  
Tabel: 151 Rood Dubbeldoel, basis Y: Exterieurkenmerken beenwerk  
Tabel: 152 Rood Dubbeldoel, basis Y: Exterieurkenmerken uier  
Tabel: 153 Rood Dubbeldoel, basis Y: Exterieurkenmerken bovenbalk  
Tabel: 154 Rood Dubbeldoel, basis Y: Vruchtbaarheidskenmerken  
Tabel: 155 Rood Dubbeldoel, basis Y: Gebruikskenmerken  
Tabel: 156 Rood Dubbeldoel, basis Y: NVI met onderliggende kenmerken  
Tabel: 157 Rood Dubbeldoel, basis Y: Geboortekenmerken  
Tabel: 158 Rood Dubbeldoel, basis Y: Vleeskenmerken  
Tabel: 159 Rood Dubbeldoel, basis Y: Levensproductiekenmerken  
Tabel: 160 Rood Dubbeldoel, basis Y: Overige productie en efficiency kenm.  
Tabel: 161 Rood Dubbeldoel, basis Y: Stofwisselingsaandoeningen  
Tabel: 162 Witrood, basis Y: Melkproductiekenmerken  
Tabel: 163 Witrood, basis Y: Exterieurkenmerken bouw  
Tabel: 164 Witrood, basis Y: Exterieurkenmerken beenwerk  
Tabel: 165 Witrood, basis Y: Exterieurkenmerken uier

Tabel: 166 Witrood, basis Y: Exterieurkenmerken bovenbalk  
Tabel: 167 Witrood, basis Y: Vruchtbaarheidskenmerken  
Tabel: 168 Witrood, basis Y: Gebruikskenmerken  
Tabel: 169 Witrood, basis Y: NVI met onderliggende kenmerken  
Tabel: 170 Witrood, basis Y: Geboortekenmerken  
Tabel: 171 Witrood, basis Y: Vleeskenmerken  
Tabel: 172 Witrood, basis Y: Levensproductiekenmerken  
Tabel: 173 Witrood, basis Y: Overige productie en efficiency kenm.  
Tabel: 174 Witrood, basis Y: Stofwisselingsaandoeningen  
Tabel: 175 Witblauw, basis B: Vruchtbaarheidskenmerken  
Tabel: 176 Witblauw, basis B: Levensvatbaarheidskenmerken  
Tabel: 177 Witblauw, basis B: Geboortekenmerken  
Tabel: 178 Witblauw, basis B: Vleeskenmerken  
Tabel: 179 Witblauw, basis B: Stofwisselingsaandoeningen  
Tabel: 180 Fleck Vieh, basis Y: Melkproductiekenmerken  
Tabel: 181 Fleck Vieh, basis Y: Exterieurkenmerken bouw  
Tabel: 182 Fleck Vieh, basis Y: Exterieurkenmerken beenwerk  
Tabel: 183 Fleck Vieh, basis Y: Exterieurkenmerken uier  
Tabel: 184 Fleck Vieh, basis Y: Exterieurkenmerken bovenbalk  
Tabel: 185 Fleck Vieh, basis Y: Vruchtbaarheidskenmerken  
Tabel: 186 Fleck Vieh, basis Y: Gebruikskenmerken  
Tabel: 187 Fleck Vieh, basis Y: NVI met onderliggende kenmerken  
Tabel: 188 Fleck Vieh, basis Y: Klauwgezondheidskenmerken  
Tabel: 189 Fleck Vieh, basis Y: Levensvatbaarheidskenmerken  
Tabel: 190 Fleck Vieh, basis Y: Geboortekenmerken  
Tabel: 191 Fleck Vieh, basis Y: Vleeskenmerken  
Tabel: 192 Fleck Vieh, basis Y: Kalvervitaliteit  
Tabel: 193 Fleck Vieh, basis Y: Levensproductiekenmerken  
Tabel: 194 Fleck Vieh, basis Y: Robot / AMS kenmerken  
Tabel: 195 Fleck Vieh, basis Y: Overige productie en efficiency kenm.  
Tabel: 196 Fleck Vieh, basis Y: Stofwisselingsaandoeningen  
Tabel: 197 Fleck Vieh, basis Y: Reproductiestoornissen  
Tabel: 198 Brown Swiss, basis R: Melkproductiekenmerken  
Tabel: 199 Brown Swiss, basis R: Exterieurkenmerken bouw  
Tabel: 200 Brown Swiss, basis R: Exterieurkenmerken beenwerk  
Tabel: 201 Brown Swiss, basis R: Exterieurkenmerken uier  
Tabel: 202 Brown Swiss, basis R: Exterieurkenmerken bovenbalk  
Tabel: 203 Brown Swiss, basis R: Vruchtbaarheidskenmerken  
Tabel: 204 Brown Swiss, basis R: Gebruikskenmerken  
Tabel: 205 Brown Swiss, basis R: NVI met onderliggende kenmerken  
Tabel: 206 Brown Swiss, basis R: Levensvatbaarheidskenmerken  
Tabel: 207 Brown Swiss, basis R: Geboortekenmerken  
Tabel: 208 Brown Swiss, basis R: Vleeskenmerken  
Tabel: 209 Brown Swiss, basis R: Kalvervitaliteit  
Tabel: 210 Brown Swiss, basis R: Levensproductiekenmerken  
Tabel: 211 Brown Swiss, basis R: Robot / AMS kenmerken  
Tabel: 212 Brown Swiss, basis R: Overige productie en efficiency kenm.  
Tabel: 213 Brown Swiss, basis R: Stofwisselingsaandoeningen  
Tabel: 214 Montbéliard, basis R: Melkproductiekenmerken  
Tabel: 215 Montbéliard, basis R: Exterieurkenmerken bouw  
Tabel: 216 Montbéliard, basis R: Exterieurkenmerken beenwerk  
Tabel: 217 Montbéliard, basis R: Exterieurkenmerken uier  
Tabel: 218 Montbéliard, basis R: Exterieurkenmerken bovenbalk  
Tabel: 219 Montbéliard, basis R: Vruchtbaarheidskenmerken  
Tabel: 220 Montbéliard, basis R: Gebruikskenmerken  
Tabel: 221 Montbéliard, basis R: NVI met onderliggende kenmerken  
Tabel: 222 Montbéliard, basis R: Klauwgezondheidskenmerken  
Tabel: 223 Montbéliard, basis R: Levensvatbaarheidskenmerken  
Tabel: 224 Montbéliard, basis R: Geboortekenmerken  
Tabel: 225 Montbéliard, basis R: Vleeskenmerken  
Tabel: 226 Montbéliard, basis R: Kalvervitaliteit  
Tabel: 227 Montbéliard, basis R: Levensproductiekenmerken  
Tabel: 228 Montbéliard, basis R: Robot / AMS kenmerken  
Tabel: 229 Montbéliard, basis R: Overige productie en efficiency kenm.

Tabel: 230 Montbéliard, basis R: Stofwisselingsaandoeningen  
Tabel: 231 Blonde d'Aquitaine, basis Y: Vruchtbaarheidsskenmerken  
Tabel: 232 Blonde d'Aquitaine, basis Y: Geboortekenmerken  
Tabel: 233 Blonde d'Aquitaine, basis Y: Vleeskenmerken  
Tabel: 234 Normande, basis R: Melkproductiekenmerken  
Tabel: 235 Normande, basis R: Vruchtbaarheidsskenmerken  
Tabel: 236 Normande, basis R: NVI met onderliggende kenmerken  
Tabel: 237 Normande, basis R: Levensproductiekenmerken  
Tabel: 238 Normande, basis R: Overige productie en efficiency kenm.  
Tabel: 239 Normande, basis R: Stofwisselingsaandoeningen  
Tabel: 240 KRB, basis Y: Melkproductiekenmerken  
Tabel: 241 KRB, basis Y: Vruchtbaarheidsskenmerken  
Tabel: 242 KRB, basis Y: NVI met onderliggende kenmerken  
Tabel: 243 KRB, basis Y: Geboortekenmerken  
Tabel: 244 KRB, basis Y: Levensproductiekenmerken  
Tabel: 245 KRB, basis Y: Overige productie en efficiency kenm.  
Tabel: 246 KRB, basis Y: Stofwisselingsaandoeningen

#### Genetische trend van koeien in Vlaanderen

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	425	-2903.5	-101.9	-98.8	-132.1	37.2	4.7	0.9	-658.6
1981	596	-2914.9	-102.2	-99.2	-132.6	37.4	4.5	0.8	-661.2
1982	696	-2824.0	-98.2	-97.4	-128.4	37.6	2.6	0.8	-644.3
1983	938	-2780.7	-95.9	-96.7	-126.5	37.9	1.0	0.8	-635.7
1984	1082	-2721.4	-91.0	-94.7	-123.8	41.4	1.0	0.8	-616.6
1985	1483	-2662.8	-88.5	-92.8	-121.1	41.3	0.8	0.8	-602.8
1986	2411	-2477.5	-81.5	-87.4	-112.7	38.9	-0.9	0.7	-563.6
1987	3526	-2491.3	-80.4	-86.9	-113.3	41.4	0.7	0.8	-558.9
1988	4975	-2341.1	-75.1	-82.0	-106.4	38.8	0.1	0.7	-526.0
1989	6448	-2242.6	-71.8	-79.7	-101.9	36.8	-1.7	0.7	-508.3
1990	7924	-2070.4	-66.4	-74.7	-94.1	33.5	-3.0	0.7	-474.0
1991	9779	-1956.7	-64.3	-71.6	-88.9	29.1	-4.2	0.7	-455.2
1992	11535	-1810.3	-62.1	-67.4	-82.2	22.7	-5.5	0.7	-431.4
1993	12801	-1700.2	-59.7	-64.4	-77.1	18.9	-6.6	0.7	-412.5
1994	14910	-1571.0	-57.0	-60.7	-71.3	14.7	-7.6	0.6	-389.9
1995	16762	-1451.9	-53.0	-56.4	-65.8	13.0	-7.3	0.6	-362.4
1996	17643	-1301.3	-48.7	-51.7	-59.0	9.8	-7.9	0.6	-331.9
1997	19016	-1225.7	-45.9	-49.0	-55.5	9.2	-7.8	0.6	-314.3
1998	20127	-1111.6	-43.4	-45.4	-50.3	6.1	-8.1	0.6	-292.2
1999	20383	-1040.8	-41.4	-43.3	-47.1	4.7	-8.4	0.6	-278.5
2000	21175	-901.7	-39.6	-39.2	-40.8	-0.3	-9.2	0.5	-256.0
2001	21723	-822.3	-38.6	-36.9	-37.4	-3.5	-9.8	0.2	-243.9
2002	22389	-731.8	-36.4	-34.2	-33.6	-5.5	-10.2	-0.2	-226.6
2003	22590	-685.1	-34.2	-33.0	-32.8	-5.1	-10.6	-1.8	-216.8
2004	22948	-605.1	-31.4	-29.2	-28.8	-5.8	-9.4	-1.4	-194.5
2005	22179	-534.7	-29.2	-26.7	-25.8	-6.9	-9.3	-1.6	-178.8
2006	23065	-437.9	-27.4	-23.1	-20.7	-9.4	-8.8	-0.8	-158.3
2007	22162	-362.5	-25.7	-20.3	-17.0	-11.2	-8.5	-0.5	-142.2
2008	23715	-317.2	-24.5	-18.4	-14.6	-12.0	-8.2	-0.1	-131.5
2009	22735	-258.7	-21.6	-16.2	-11.9	-11.4	-7.9	-0.1	-115.6
2010	22144	-208.6	-18.6	-13.8	-9.4	-10.3	-7.1	0.1	-98.6
2011	22081	-141.1	-15.6	-11.1	-5.5	-10.1	-6.6	1.1	-79.8
2012	22726	-107.1	-13.5	-9.0	-3.9	-9.3	-5.5	1.1	-66.3
2013	23472	-41.9	-10.0	-6.5	-0.6	-8.4	-5.2	1.5	-48.0
2014	24729	52.4	-6.0	-3.5	3.7	-8.2	-5.3	1.5	-25.6
2015	25686	160.6	-0.6	0.2	9.0	-7.2	-5.4	1.8	2.2
2016	25804	282.3	5.7	5.2	14.6	-5.8	-4.5	1.9	37.8

2017	24751	382.0	11.2	9.3	19.7	-4.4	-3.8	2.4	67.5
2018	15257	497.2	15.1	13.1	24.8	-5.6	-4.0	2.3	92.9

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	99	86.1	96.1	88.5	87.0	105.6	97.9	97.0
1981	180	87.3	96.2	89.7	88.7	104.5	98.1	97.4
1982	244	87.7	95.9	89.9	89.2	103.8	97.1	97.7
1983	324	87.5	96.2	89.7	88.8	104.4	97.3	97.1
1984	424	87.8	96.6	90.1	89.0	104.5	97.1	97.0
1985	661	88.1	96.6	90.2	89.1	104.4	97.4	96.9
1986	1023	89.1	96.4	90.9	89.9	103.5	97.1	97.1
1987	1378	89.2	96.5	91.7	90.5	103.1	96.8	97.2
1988	2182	89.4	96.5	91.9	90.7	102.6	96.7	97.4
1989	3504	90.0	96.5	92.5	91.3	102.1	96.5	97.5
1990	4371	90.5	96.2	92.9	91.8	101.5	97.0	97.5
1991	5544	91.0	96.1	93.1	92.1	101.1	97.3	97.7
1992	6753	91.6	96.5	93.7	92.7	100.9	97.2	97.9
1993	7362	92.0	96.8	94.2	93.2	100.7	97.2	97.8
1994	8724	92.4	96.7	94.5	93.7	100.3	97.2	97.9
1995	9878	92.8	96.9	94.9	94.0	100.1	97.4	97.7
1996	10833	93.0	96.9	95.3	94.5	99.5	97.5	97.3
1997	11440	93.6	96.9	95.5	94.7	99.5	97.8	97.6
1998	12524	94.0	97.2	96.1	95.2	99.3	97.9	97.8
1999	12490	94.3	97.3	96.4	95.6	99.2	98.0	97.9
2000	12859	94.8	97.5	96.8	96.1	98.8	98.5	98.6
2001	13217	95.3	97.3	97.0	96.3	98.5	98.3	98.7
2002	13506	95.7	97.4	97.4	96.7	98.1	98.5	98.8
2003	13602	96.2	97.7	98.0	97.4	97.9	98.5	99.4
2004	13533	96.3	97.8	97.9	97.4	98.1	98.8	99.1
2005	12632	96.9	98.2	98.4	97.9	98.2	99.1	99.2
2006	13051	97.5	98.5	98.8	98.1	98.4	99.4	99.5
2007	12147	97.8	98.8	99.1	98.3	98.5	99.6	100.0
2008	12574	98.2	98.9	99.2	98.5	98.6	99.7	100.3
2009	12623	98.3	98.9	99.2	98.6	98.7	99.7	100.3
2010	13154	98.6	99.1	99.4	98.8	98.8	99.6	100.4
2011	13189	99.2	99.7	99.8	99.1	99.4	99.4	100.5
2012	13664	99.9	99.8	100.1	99.6	99.5	99.4	100.5
2013	14092	100.4	99.6	100.3	100.1	99.3	99.4	100.6
2014	14536	100.8	99.8	100.6	100.5	99.3	99.8	100.7
2015	14830	101.1	100.0	100.7	100.8	99.5	99.7	100.8
2016	14247	101.4	100.2	101.0	101.3	99.5	99.4	101.0
2017	13397	102.0	100.4	101.1	101.4	99.8	99.3	101.3
2018	5329	102.4	100.6	101.2	101.9	99.7	99.8	101.1

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	99	92.6	101.0	98.3	95.4	89.6
1981	180	93.2	101.6	98.3	95.9	90.5
1982	244	93.4	101.6	98.0	95.8	91.0
1983	324	93.3	101.9	97.8	96.0	90.5



1984	424	93.4	102.0	97.7	96.3	90.8
1985	661	93.5	102.5	97.5	96.6	91.0
1986	1023	94.1	102.5	97.6	96.7	91.5
1987	1378	93.9	102.9	97.1	96.3	91.2
1988	2182	94.2	103.1	96.9	96.3	91.5
1989	3504	94.7	103.4	96.8	96.4	92.0
1990	4371	94.7	103.3	96.7	96.3	92.1
1991	5544	95.0	103.3	96.7	96.4	92.6
1992	6753	94.8	103.3	96.5	96.6	92.7
1993	7362	95.0	103.2	96.7	96.7	92.8
1994	8724	95.2	103.1	96.6	96.7	93.2
1995	9878	95.3	103.2	96.7	96.9	93.6
1996	10833	95.4	103.5	96.3	97.1	93.9
1997	11440	95.8	103.2	96.4	97.2	94.2
1998	12524	96.0	103.0	96.7	97.3	94.5
1999	12490	96.2	103.1	96.8	97.3	94.8
2000	12859	96.2	102.7	97.0	96.9	94.9
2001	13217	96.3	102.7	97.0	96.9	95.2
2002	13506	96.2	102.7	96.8	96.8	95.2
2003	13602	96.6	103.0	96.6	97.3	95.6
2004	13533	96.8	102.3	97.5	97.7	95.9
2005	12632	97.5	102.3	98.0	97.9	96.6
2006	13051	97.5	101.8	98.4	97.4	96.8
2007	12147	97.7	101.3	98.7	97.2	97.0
2008	12574	97.8	100.9	99.2	97.2	97.2
2009	12623	97.9	100.9	99.3	97.5	97.5
2010	13154	98.0	100.8	99.4	98.0	97.6
2011	13189	97.9	100.6	99.6	98.3	97.5
2012	13664	98.1	100.4	99.7	98.6	97.9
2013	14092	98.4	100.3	99.7	98.7	98.2
2014	14536	99.2	100.2	100.0	99.2	98.9
2015	14830	99.7	100.0	100.2	99.5	99.4
2016	14247	100.4	99.9	100.6	100.1	100.1
2017	13397	100.7	99.6	101.1	100.3	100.5
2018	5329	101.0	99.5	101.2	100.8	101.0

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	99	89.7	87.2	100.7	91.3	84.6	89.2	88.5
1981	180	90.0	87.5	101.0	91.7	85.3	89.6	89.2
1982	244	91.1	89.4	100.9	92.6	86.3	91.3	90.5
1983	324	91.6	89.0	100.8	93.0	86.6	90.9	90.2
1984	424	91.9	89.2	100.8	93.1	86.8	91.1	90.3
1985	661	91.9	89.5	100.6	93.3	87.2	91.5	90.7
1986	1023	92.2	90.0	100.3	93.5	87.8	92.1	91.3
1987	1378	91.9	89.8	100.6	93.1	88.2	92.3	91.1
1988	2182	92.1	90.1	100.4	93.1	88.9	92.9	91.6
1989	3504	92.3	90.3	100.3	93.2	89.2	93.1	91.8
1990	4371	92.5	90.8	100.2	93.4	89.7	93.6	92.4
1991	5544	92.7	91.3	100.4	93.6	90.1	94.2	92.9
1992	6753	93.0	91.7	100.6	93.7	90.7	94.4	93.2
1993	7362	92.9	91.9	100.6	93.7	91.3	94.9	93.6
1994	8724	93.0	92.3	100.7	93.8	91.7	95.3	94.4
1995	9878	93.3	92.7	100.9	94.0	92.3	95.5	94.8
1996	10833	93.6	92.9	100.9	93.9	92.4	95.6	94.8
1997	11440	94.1	93.3	100.8	94.3	92.9	96.0	95.2
1998	12524	94.2	93.6	100.7	94.3	93.1	96.3	95.6
1999	12490	94.5	94.2	100.5	94.4	93.6	96.6	96.1

2000	12859	94.6	95.2	100.4	94.6	93.8	97.4	97.1
2001	13217	94.9	95.5	100.7	95.0	94.4	97.9	97.5
2002	13506	95.0	96.0	100.9	95.3	94.7	98.1	97.6
2003	13602	95.6	96.2	100.6	95.5	95.2	98.2	97.8
2004	13533	95.9	96.2	101.0	95.7	95.8	98.4	98.0
2005	12632	96.4	96.7	100.8	96.0	96.4	98.7	98.6
2006	13051	96.7	97.2	100.9	96.4	96.6	99.0	98.9
2007	12147	97.0	97.8	100.7	96.7	97.0	99.2	99.1
2008	12574	97.4	98.1	100.6	97.2	97.5	99.6	99.4
2009	12623	97.7	97.9	100.4	97.5	97.7	99.6	99.2
2010	13154	98.1	98.5	100.0	98.0	98.0	99.8	99.5
2011	13189	98.6	99.1	99.7	98.6	98.2	99.8	99.5
2012	13664	99.4	99.4	99.6	99.5	98.9	99.9	99.7
2013	14092	99.7	99.6	99.9	99.9	99.4	100.0	99.8
2014	14536	100.0	99.9	100.0	100.3	100.1	100.4	100.1
2015	14830	100.6	100.5	100.1	100.9	100.8	100.9	100.6
2016	14247	101.4	100.9	99.9	101.4	101.5	100.9	100.6
2017	13397	102.1	101.0	100.2	102.2	102.0	100.9	100.4
2018	5329	102.6	101.3	100.2	102.8	102.6	101.2	100.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	99	92.1	92.1	85.3	89.8	0.0	83.2
1981	180	92.9	93.1	85.8	90.5	0.0	84.3
1982	244	92.5	92.9	87.5	91.0	0.0	85.3
1983	324	92.3	92.9	87.9	90.5	0.0	85.1
1984	424	92.4	93.3	88.2	90.7	0.0	85.5
1985	661	92.6	93.4	88.5	90.9	0.0	85.8
1986	1023	92.7	93.5	89.1	91.4	0.0	86.5
1987	1378	92.9	94.0	89.0	91.0	0.0	86.4
1988	2182	93.0	93.9	89.5	91.3	0.0	86.8
1989	3504	93.1	94.1	89.8	91.7	0.0	87.2
1990	4371	93.4	94.1	90.1	91.8	0.0	87.6
1991	5544	93.7	94.1	90.5	92.3	0.0	88.1
1992	6753	94.1	94.7	91.0	92.2	0.0	88.5
1993	7362	94.4	95.1	91.2	92.3	0.0	88.8
1994	8724	94.5	95.2	91.5	92.7	0.0	89.3
1995	9878	94.7	95.3	91.9	93.1	0.0	89.7
1996	10833	94.7	95.3	92.0	93.3	0.0	89.9
1997	11440	95.0	95.6	92.5	93.6	0.0	90.5
1998	12524	95.5	95.9	92.7	94.0	0.0	91.0
1999	12490	95.7	96.3	93.0	94.2	0.0	91.4
2000	12859	96.5	96.6	93.2	94.3	0.0	91.8
2001	13217	96.5	96.5	93.8	94.6	0.0	92.3
2002	13506	96.8	96.6	94.1	94.6	0.0	92.5
2003	13602	97.3	97.2	94.6	94.9	0.0	93.2
2004	13533	97.4	97.2	95.0	95.3	0.0	93.7
2005	12632	97.9	97.7	95.5	96.1	0.0	94.6
2006	13051	98.4	98.0	95.8	96.4	0.0	95.1
2007	12147	98.9	98.3	96.3	96.6	0.0	95.7
2008	12574	99.2	98.6	96.9	96.8	0.0	96.2
2009	12623	99.2	98.7	97.2	97.1	0.0	96.6
2010	13154	99.3	99.0	97.6	97.2	0.0	96.9
2011	13189	99.6	99.6	98.2	97.2	0.0	97.4
2012	13664	99.7	99.9	99.1	97.5	0.0	98.1
2013	14092	99.8	100.1	99.6	97.8	0.0	98.6
2014	14536	100.1	100.5	100.2	98.5	0.0	99.4
2015	14830	100.2	100.8	100.9	99.1	0.0	100.2

2016	14247	100.2	101.1	101.6	99.8	0.0	101.0
2017	13397	100.4	101.4	102.5	100.2	0.0	101.8
2018	5329	100.6	101.7	103.2	100.7	0.0	102.5

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1463	104.9	105.2	104.4	105.5	103.2	99.8	86.1	105.1
1981	1660	105.8	104.2	104.7	105.1	103.8	100.4	86.4	105.1
1982	1744	105.3	103.8	103.9	104.5	103.2	99.5	86.8	104.5
1983	1785	104.4	103.8	103.4	104.0	102.5	99.9	86.9	103.9
1984	1855	104.3	103.0	103.0	103.3	102.3	100.4	87.8	103.3
1985	2236	104.3	102.8	102.9	103.2	102.2	100.6	87.9	103.2
1986	3077	103.4	102.0	101.8	102.2	101.3	99.9	88.9	102.2
1987	3935	103.3	101.8	101.6	101.9	101.0	100.7	89.2	101.9
1988	5250	103.2	101.0	101.0	101.1	100.7	101.1	89.5	101.2
1989	6880	102.9	100.7	100.5	100.6	100.2	101.2	90.2	100.6
1990	8398	102.9	100.4	100.5	100.4	100.2	101.4	91.0	100.5
1991	10364	102.7	100.2	100.2	100.1	99.9	101.3	91.6	100.2
1992	12210	102.3	99.8	99.8	99.7	99.6	101.5	92.2	99.7
1993	13691	102.3	99.5	99.6	99.4	99.5	101.7	92.7	99.5
1994	16376	102.1	98.9	99.1	98.7	99.1	101.2	92.9	98.8
1995	18253	101.9	98.4	98.7	98.2	98.8	101.0	93.6	98.4
1996	19171	101.5	98.4	98.5	98.1	98.6	100.9	94.2	98.2
1997	20440	101.3	98.4	98.5	98.0	98.5	100.5	94.6	98.1
1998	21591	100.9	98.2	98.1	97.7	98.1	100.5	95.5	97.7
1999	21955	100.8	97.8	97.8	97.2	97.9	100.5	95.5	97.4
2000	22808	100.2	97.8	97.3	97.0	97.3	99.9	96.1	97.0
2001	23438	100.2	97.3	97.1	96.5	97.2	99.7	96.4	96.6
2002	24350	100.3	97.1	97.0	96.4	97.2	99.8	97.0	96.5
2003	24729	100.5	97.0	97.3	96.5	97.4	100.0	97.3	96.7
2004	25099	100.1	97.0	96.9	96.3	97.1	99.5	97.2	96.4
2005	24355	99.7	97.0	96.7	96.2	96.8	99.4	97.4	96.2
2006	25215	99.3	97.3	96.6	96.3	96.7	98.9	97.6	96.3
2007	24655	99.2	97.4	96.6	96.4	96.7	98.7	97.9	96.3
2008	27333	99.4	97.5	97.0	96.7	97.1	98.9	98.1	96.6
2009	26821	99.6	97.6	97.4	97.0	97.5	99.3	98.5	97.0
2010	26526	99.8	97.8	97.7	97.3	97.9	99.5	98.6	97.3
2011	26303	99.9	98.4	98.1	97.9	98.3	99.3	98.7	97.9
2012	27667	99.9	99.0	98.7	98.5	98.7	99.5	99.1	98.5
2013	29089	100.1	99.3	99.2	99.0	99.3	99.8	99.6	99.1
2014	31297	100.1	99.8	99.7	99.6	99.8	100.3	100.2	99.6
2015	32500	100.1	99.9	99.9	99.7	100.0	100.5	100.5	99.8
2016	33035	100.4	100.0	100.3	100.1	100.6	100.7	100.9	100.2
2017	31442	100.5	100.1	100.6	100.4	100.8	100.7	101.5	100.5
2018	27377	100.9	100.2	101.1	100.8	101.4	100.9	101.6	101.0
2019	5401	101.0	100.4	101.4	101.1	101.7	100.8	101.8	101.3

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	121	99.7	57.3	96.2	101.4	105.5
1981	186	99.4	54.2	95.9	100.8	105.2
1982	225	99.7	65.0	95.8	100.0	104.2

1983	322	99.7	67.4	95.6	100.2	104.6
1984	420	99.1	77.4	95.6	99.9	104.5
1985	657	99.3	75.6	96.0	100.3	104.5
1986	1083	98.9	84.3	95.7	99.9	104.0
1987	1368	99.3	87.1	95.2	99.3	103.5
1988	2189	99.1	92.1	95.0	98.9	102.9
1989	3455	99.3	93.7	94.8	98.7	102.6
1990	4305	99.3	94.9	95.0	98.7	102.1
1991	5415	99.4	95.0	94.6	98.2	101.3
1992	6688	99.6	95.8	94.4	97.8	100.8
1993	7110	99.5	96.0	94.5	97.8	100.6
1994	8619	99.8	96.6	94.4	97.5	100.1
1995	9856	99.5	96.8	94.4	97.1	99.8
1996	10766	100.0	96.9	94.5	97.2	99.2
1997	11424	99.9	97.3	94.7	97.3	99.1
1998	12412	99.8	97.3	94.8	97.3	98.9
1999	12422	99.7	97.5	94.8	97.0	98.7
2000	12841	100.1	97.9	94.9	97.1	98.6
2001	13310	99.9	98.0	95.0	97.1	98.5
2002	13643	100.1	98.1	95.1	97.0	98.1
2003	13688	100.0	98.0	95.2	96.9	98.1
2004	13642	100.0	97.8	95.3	96.8	98.0
2005	12732	100.0	98.5	95.4	96.6	97.8
2006	13098	100.3	98.7	95.8	96.9	98.2
2007	12194	100.4	99.2	95.8	96.8	98.0
2008	12624	100.4	99.5	96.2	97.0	98.2
2009	12619	100.5	99.4	96.5	97.1	98.3
2010	13086	100.7	99.6	96.8	97.3	98.4
2011	13161	100.8	99.7	97.7	98.1	98.8
2012	13647	100.8	99.7	98.2	98.5	99.0
2013	13990	100.9	99.9	98.8	98.9	99.2
2014	14208	100.6	100.2	99.6	99.6	99.7
2015	14571	100.3	100.5	100.4	100.3	100.1
2016	13693	100.1	100.7	101.3	100.9	100.4
2017	13027	99.8	101.0	102.1	101.6	100.8
2018	5198	100.3	101.4	102.5	101.9	100.9

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	425	-261.8	-658.6	-294.8	104.2	105.1	85.3	89.8	97.2	85.9
1981	596	-268.8	-661.2	-291.8	103.6	105.1	85.8	90.5	97.3	55.6
1982	696	-275.2	-644.3	-307.2	102.7	104.5	87.5	91.0	98.1	87.4
1983	938	-278.8	-635.7	-326.9	103.0	103.9	87.9	90.5	98.3	66.8
1984	1082	-284.2	-616.6	-345.2	102.8	103.3	88.2	90.7	98.3	58.0
1985	1483	-255.0	-602.8	-340.5	103.0	103.2	88.5	90.9	98.2	107.2
1986	2411	-251.2	-563.6	-344.0	102.5	102.2	89.1	91.4	98.4	101.6
1987	3526	-258.7	-558.9	-373.3	101.9	101.9	89.0	91.0	98.1	96.1
1988	4975	-255.7	-526.0	-385.2	101.3	101.2	89.5	91.3	98.1	92.0
1989	6448	-254.7	-508.3	-396.6	101.1	100.6	89.8	91.7	98.1	87.5
1990	7924	-244.1	-474.0	-392.8	100.7	100.5	90.1	91.8	98.1	84.9
1991	9779	-241.9	-455.2	-406.8	100.0	100.2	90.5	92.3	97.9	82.2
1992	11535	-238.7	-431.4	-398.5	99.5	99.7	91.0	92.2	98.1	76.8
1993	12801	-233.7	-412.5	-386.8	99.3	99.5	91.2	92.3	98.0	73.7
1994	14910	-229.5	-389.9	-378.4	98.9	98.8	91.5	92.7	98.0	72.3
1995	16762	-223.8	-362.4	-376.1	98.5	98.4	91.9	93.1	98.0	67.8
1996	17643	-211.6	-331.9	-345.0	98.2	98.2	92.0	93.3	97.9	66.4
1997	19016	-205.1	-314.3	-338.7	98.1	98.1	92.5	93.6	97.8	62.9
1998	20127	-201.9	-292.2	-339.6	98.0	97.7	92.7	94.0	97.6	58.2

1999	20383	-200.7	-278.5	-345.4	97.7	97.4	93.0	94.2	97.3	55.0
2000	21175	-194.0	-256.0	-333.1	97.7	97.0	93.2	94.3	97.2	51.3
2001	21723	-188.7	-243.9	-318.8	97.6	96.6	93.8	94.6	97.3	50.2
2002	22389	-183.7	-226.6	-313.4	97.3	96.5	94.1	94.6	97.4	47.7
2003	22590	-177.8	-216.8	-312.1	97.3	96.7	94.6	94.9	97.5	42.9
2004	22948	-167.6	-194.5	-295.1	97.2	96.4	95.0	95.3	97.6	40.2
2005	22179	-161.1	-178.8	-293.0	97.0	96.2	95.5	96.1	97.7	35.2
2006	23065	-146.3	-158.3	-262.6	97.4	96.3	95.8	96.4	98.0	28.9
2007	22162	-137.9	-142.2	-244.6	97.2	96.3	96.3	96.6	97.9	24.1
2008	23715	-127.8	-131.5	-225.1	97.4	96.6	96.9	96.8	98.1	21.4
2009	22735	-113.7	-115.6	-194.0	97.6	97.0	97.2	97.1	98.1	19.6
2010	22144	-101.7	-98.6	-175.1	97.7	97.3	97.6	97.2	98.2	16.1
2011	22081	-82.8	-79.8	-135.2	98.3	97.9	98.2	97.2	98.7	8.8
2012	22726	-65.8	-66.3	-105.7	98.6	98.5	99.1	97.5	99.0	5.4
2013	23472	-48.2	-48.0	-73.6	99.0	99.1	99.6	97.8	99.5	3.4
2014	24729	-24.4	-25.6	-30.6	99.6	99.6	100.2	98.5	100.0	0.1
2015	25686	-2.3	2.2	9.6	100.2	99.8	100.9	99.1	100.4	-4.0
2016	25804	27.8	37.8	74.7	100.7	100.2	101.6	99.8	101.0	-7.7
2017	24751	52.1	67.5	126.4	101.3	100.5	102.5	100.2	101.5	-12.4
2018	15257	73.6	92.9	160.6	101.5	101.0	103.2	100.7	102.2	-15.9

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	25	93.6	94.4	97.7	94.8	94.4	98.5	98.4
1981	53	94.9	96.3	98.3	95.1	96.3	98.6	98.2
1982	64	94.3	95.6	97.9	95.1	95.6	98.2	97.5
1983	60	95.4	95.6	98.7	97.0	95.7	98.9	97.6
1984	58	94.1	94.9	98.0	95.4	94.9	98.8	97.7
1985	82	94.6	94.7	98.5	96.4	94.4	99.0	97.7
1986	191	94.3	94.4	98.6	96.2	93.9	99.0	96.9
1987	161	94.3	94.6	98.5	96.0	94.1	98.9	97.1
1988	254	95.7	95.1	100.1	96.8	95.0	99.7	97.0
1989	365	95.3	94.9	99.4	97.0	94.4	99.2	97.0
1990	589	95.5	95.6	98.9	97.3	95.0	98.6	97.3
1991	895	96.1	96.0	99.3	97.5	95.5	99.0	97.4
1992	1187	95.6	95.0	99.6	97.3	94.9	99.1	97.4
1993	1275	96.0	95.4	99.5	97.6	95.1	99.4	97.9
1994	1863	96.1	95.7	99.7	97.3	95.3	99.5	97.5
1995	3081	95.8	95.9	99.6	96.9	95.3	99.0	97.0
1996	3757	96.5	96.6	99.7	97.5	95.8	99.3	97.4
1997	4575	96.0	96.7	99.0	97.2	95.3	98.7	97.4
1998	8238	95.5	95.8	99.1	97.2	94.6	98.6	96.6
1999	8980	95.7	95.8	99.2	97.4	94.6	98.7	96.6
2000	9117	95.6	96.3	99.2	96.9	94.8	98.7	96.4
2001	9012	95.8	96.6	99.3	97.0	94.8	99.0	96.5
2002	9814	95.5	96.2	99.1	96.9	94.4	99.0	96.5
2003	11068	95.7	96.5	98.9	97.0	94.5	98.9	96.8
2004	11297	95.7	96.4	98.9	97.1	95.0	98.5	96.7
2005	10692	95.7	95.9	99.0	97.2	95.2	98.7	96.7
2006	11404	96.4	96.7	99.1	97.7	95.9	99.1	96.9
2007	10788	96.4	97.0	98.7	97.7	96.2	99.1	97.1
2008	11332	96.4	97.3	98.4	97.7	96.5	99.0	97.4
2009	11556	96.9	97.5	98.7	98.0	96.9	99.1	97.9
2010	11989	97.1	97.9	98.6	98.0	97.5	99.0	98.2
2011	12220	97.8	98.5	98.8	98.6	98.2	98.9	98.9
2012	12663	98.4	98.9	99.0	99.1	98.7	99.0	99.3
2013	13013	98.6	99.0	99.2	99.1	98.8	99.2	99.4
2014	13404	99.2	99.4	99.5	99.5	99.2	99.7	99.7

2015	13659	99.5	99.8	99.6	99.6	99.6	99.8	100.1
2016	12913	100.1	100.1	99.9	100.0	100.2	100.4	100.3
2017	11937	100.6	100.6	100.0	100.2	100.8	101.0	100.7
2018	4607	101.3	101.2	100.4	100.5	101.4	101.3	101.0

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	50	95.8	99.7	95.8	99.7	93.6	100.1
1981	80	96.0	99.6	96.0	99.6	94.0	99.1
1982	102	96.2	99.6	96.2	99.6	94.0	99.2
1983	109	96.5	99.8	96.5	99.8	94.3	99.5
1984	101	95.8	99.8	95.8	99.8	93.8	99.5
1985	146	96.1	99.6	96.1	99.6	94.1	99.5
1986	304	96.2	99.7	96.2	99.7	94.2	99.8
1987	281	95.8	99.6	95.8	99.6	93.8	99.6
1988	397	96.8	99.4	96.8	99.4	94.3	99.9
1989	533	96.3	99.7	96.3	99.7	94.3	99.8
1990	625	96.0	100.0	96.0	100.0	94.3	99.9
1991	870	97.0	99.8	97.0	99.8	95.4	99.9
1992	1015	96.9	99.4	96.9	99.4	95.3	99.6
1993	999	97.1	99.8	97.1	99.8	95.5	100.0
1994	1165	97.2	99.6	97.2	99.6	95.6	99.6
1995	1489	97.8	99.0	97.8	99.0	96.0	99.2
1996	1775	97.7	98.9	97.7	98.9	96.1	99.1
1997	2088	97.3	99.0	97.3	99.0	95.8	99.1
1998	2245	97.8	98.9	97.8	98.9	96.3	98.9
1999	2259	97.4	98.8	97.4	98.8	96.0	98.9
2000	2694	97.6	98.8	97.6	98.8	96.3	98.9
2001	2929	97.6	98.9	97.6	98.9	96.4	99.0
2002	3094	98.1	98.7	98.1	98.7	97.0	99.0
2003	3174	98.0	99.0	98.0	99.0	97.1	99.1
2004	3882	98.4	99.0	98.4	99.0	97.3	99.0
2005	3939	98.4	99.2	98.4	99.2	97.4	99.3
2006	4419	98.7	99.3	98.7	99.3	97.9	99.3
2007	4108	98.2	99.1	98.2	99.1	97.7	99.1
2008	4580	98.0	99.4	98.0	99.4	98.0	99.1
2009	4696	98.1	99.4	98.1	99.4	98.3	99.3
2010	4461	98.1	99.3	98.1	99.3	98.6	99.0
2011	4481	98.5	99.6	98.5	99.6	99.4	99.1
2012	4438	98.9	99.7	98.9	99.7	99.8	99.3
2013	4631	99.0	100.2	99.0	100.2	100.0	99.8
2014	5168	99.7	100.3	99.7	100.3	100.6	99.9
2015	4933	99.9	100.7	99.9	100.7	100.6	100.1
2016	4453	100.3	100.9	100.3	100.9	101.0	100.4
2017	3597	100.6	101.3	100.6	101.3	101.3	100.6
2018	1630	100.7	102.0	100.7	102.0	101.4	101.1
2019	562	101.1	101.8	101.1	101.8	101.7	101.2
2020	82	101.6	101.9	101.6	101.9	102.3	100.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	201	97.3	102.3	102.4	70.5	71.1	71.1

1981	327	97.3	102.0	102.3	65.5	66.1	66.7
1982	387	96.8	102.7	103.0	67.9	68.7	69.8
1983	579	96.2	103.4	103.6	76.9	78.6	79.8
1984	747	96.2	103.6	103.5	84.3	86.1	87.6
1985	1092	96.5	103.4	103.1	86.8	89.2	90.1
1986	1716	96.7	103.5	102.8	91.6	93.7	94.3
1987	2147	96.8	103.5	102.6	93.3	96.5	97.4
1988	3214	97.0	103.6	102.2	94.2	98.2	99.5
1989	4337	97.1	103.8	102.0	94.9	98.6	99.4
1990	5207	97.1	103.5	102.0	95.1	98.7	99.7
1991	5925	97.3	103.3	101.9	94.9	99.2	100.1
1992	6990	97.1	103.2	102.1	95.3	99.2	100.4
1993	6950	96.8	103.3	102.5	95.1	99.2	100.7
1994	7006	96.4	103.5	103.0	95.1	99.0	100.4
1995	7324	96.4	103.1	103.3	94.9	98.6	99.9
1996	7409	97.1	103.0	102.6	95.1	98.6	99.7
1997	7825	96.7	103.3	103.1	95.1	98.7	99.9
1998	8037	96.5	103.3	103.6	95.5	98.9	99.9
1999	7765	96.3	102.9	103.8	95.5	98.8	99.7
2000	8295	96.2	103.0	103.9	95.6	98.9	99.9
2001	8757	96.2	103.0	104.0	95.8	98.9	99.7
2002	8830	96.3	102.6	103.9	96.2	98.5	99.5
2003	9361	96.3	102.6	103.9	96.3	98.6	99.3
2004	10012	96.5	102.5	103.7	96.5	98.4	99.6
2005	9607	96.4	102.2	103.8	96.9	98.6	99.7
2006	10425	96.8	102.0	103.3	97.5	98.6	99.8
2007	10887	96.9	101.4	103.2	97.9	98.6	99.9
2008	11023	96.6	101.3	103.4	98.2	98.7	100.0
2009	13840	96.6	101.4	103.5	98.4	98.8	100.0
2010	14179	97.0	101.2	103.1	98.6	98.9	99.9
2011	14174	97.6	100.9	102.4	99.1	99.0	99.7
2012	14868	98.0	100.9	102.0	99.4	99.6	99.8
2013	15685	98.2	100.8	101.8	99.9	100.0	99.9
2014	16658	98.4	100.6	101.7	100.1	100.3	99.9
2015	17597	98.5	100.5	101.6	100.5	100.5	99.7
2016	17706	98.8	100.3	101.4	101.0	100.6	99.7
2017	16546	99.0	99.8	101.1	101.6	101.0	99.7
2018	12396	99.3	99.6	100.8	101.8	101.4	99.8
2019	8908	99.3	99.2	100.7	102.0	101.5	99.9
2020	7187	99.5	98.8	100.4	102.3	101.7	99.8

Tabel: 12 Zwartbont Holstein: Vleeskenmerken

Basis: Melkdoel zwart

Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	67	102.8	106.1	97.7	100.7	104.3	98.2	102.7	99.0	104.8	99.4	101.1
1981	101	102.8	106.4	97.7	101.0	104.2	98.3	102.7	99.0	104.8	99.5	101.5
1982	136	102.5	105.9	97.4	100.0	104.2	97.6	102.4	99.0	104.8	98.9	100.3
1983	174	103.2	107.4	96.4	100.5	105.5	97.1	103.0	98.6	106.1	98.5	101.1
1984	232	103.4	108.3	96.6	101.2	105.9	97.4	103.2	98.3	106.6	98.8	101.7
1985	338	103.6	108.4	96.6	101.4	106.0	97.3	103.4	98.5	106.6	98.8	102.0
1986	645	103.5	107.5	97.1	101.4	105.4	97.8	103.1	99.0	106.0	99.0	102.0
1987	777	103.4	108.0	96.9	101.4	105.5	97.6	103.1	98.9	106.2	98.8	101.8
1988	1184	103.3	107.5	97.1	101.1	105.4	97.6	102.9	99.0	105.9	98.7	101.7
1989	1639	103.0	106.9	97.6	100.8	104.8	97.8	102.7	99.0	105.4	98.9	101.5
1990	2145	102.7	106.1	97.9	100.3	104.5	97.7	102.5	99.0	104.9	99.1	100.9
1991	2941	102.8	105.8	98.1	100.4	104.4	97.8	102.7	99.1	104.7	99.2	101.0
1992	3742	102.4	105.2	98.7	100.3	103.7	98.3	102.3	99.1	104.2	99.7	100.9
1993	4088	102.5	105.1	98.9	100.5	103.6	98.6	102.5	99.2	104.1	99.8	101.2
1994	5134	102.3	104.4	99.2	100.3	103.1	98.8	102.2	99.6	103.6	99.8	101.0

1995	6348	102.0	103.9	99.5	100.1	102.7	99.0	101.8	99.8	103.4	99.7	101.0
1996	7311	101.5	103.0	99.7	99.7	102.2	98.9	101.5	99.4	102.8	99.7	100.6
1997	8705	101.5	102.6	99.8	99.5	102.1	98.7	101.6	99.3	102.4	99.7	100.4
1998	10210	101.5	102.1	100.1	99.5	101.9	98.8	101.5	99.6	102.2	99.8	100.4
1999	11385	101.1	102.2	99.9	99.7	101.5	99.0	101.1	99.6	102.1	99.8	100.4
2000	13682	101.0	101.7	100.3	99.6	101.4	99.3	101.1	99.4	101.9	100.0	100.5
2001	17327	101.0	101.1	100.6	99.5	101.2	99.4	101.2	99.5	101.4	100.2	100.4
2002	18732	100.7	100.5	100.7	99.3	100.7	99.4	101.0	99.4	100.9	100.1	100.2
2003	19994	100.4	100.3	100.6	99.4	100.2	99.6	100.8	99.4	100.5	100.2	100.3
2004	20779	100.5	100.2	100.5	99.4	100.3	99.6	100.8	99.7	100.6	100.1	100.2
2005	20253	100.4	100.1	100.6	99.6	99.9	100.1	100.6	99.8	100.3	100.3	100.2
2006	21366	100.0	100.0	100.6	99.9	99.6	100.3	100.3	99.8	100.1	100.5	100.0
2007	20842	99.9	99.7	100.6	100.0	99.5	100.3	100.2	99.6	99.9	100.5	99.9
2008	22610	99.8	99.6	100.5	99.9	99.5	100.3	100.2	99.4	99.8	100.5	99.9
2009	22309	99.7	99.6	100.4	99.9	99.3	100.4	100.1	99.4	99.8	100.6	99.9
2010	22153	99.9	99.6	100.2	99.8	99.4	100.1	100.3	99.4	99.8	100.4	99.9
2011	21806	100.1	99.7	100.0	100.2	99.6	99.7	100.8	99.1	99.8	100.1	100.0
2012	22245	100.1	99.3	100.2	100.0	99.5	99.6	100.9	98.9	99.4	100.3	99.7
2013	22238	99.9	98.8	100.4	99.8	99.2	99.7	100.9	98.6	99.0	100.5	99.5
2014	21648	99.8	98.5	100.7	99.7	99.1	99.7	101.1	98.3	98.7	100.7	99.4
2015	20237	100.0	98.4	100.8	99.7	99.2	99.6	101.4	98.2	98.6	100.8	99.6
2016	17443	100.1	98.0	100.8	99.6	99.1	99.5	101.5	98.2	98.5	100.6	99.7
2017	14380	100.3	98.0	100.8	99.8	99.2	99.5	101.8	98.2	98.5	100.7	100.0
2018	5283	100.4	97.8	101.0	99.8	99.1	99.4	101.9	98.3	98.3	100.7	100.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	45	98.9	100.0	98.3
1981	75	98.7	99.8	98.7
1982	92	99.3	100.3	98.8
1983	93	99.3	100.2	99.2
1984	85	98.6	99.7	98.1
1985	117	98.7	99.9	98.3
1986	244	98.2	99.6	98.1
1987	206	98.4	99.7	98.2
1988	271	99.1	100.2	99.2
1989	351	98.7	99.9	98.6
1990	439	99.1	100.1	98.6
1991	597	99.4	100.4	98.9
1992	680	99.5	100.3	99.3
1993	608	99.3	100.5	98.9
1994	748	99.8	100.7	99.4
1995	960	99.8	100.6	99.4
1996	1197	99.8	100.6	99.3
1997	1405	99.6	100.2	99.3
1998	1506	100.0	100.4	99.9
1999	1494	99.9	100.5	99.7
2000	1854	99.7	100.2	99.9
2001	2013	100.0	100.4	99.9
2002	1998	99.9	100.3	99.8
2003	2012	100.0	100.3	99.8
2004	2599	100.3	100.5	100.3
2005	2690	100.2	100.6	100.0
2006	2978	100.0	100.3	99.7
2007	2663	99.8	100.0	99.9
2008	2993	99.7	99.9	99.8
2009	2984	100.0	100.2	99.8
2010	2563	99.8	100.0	99.7



2011	2482	100.0	100.3	99.8
2012	2160	99.9	100.0	99.7
2013	2038	100.2	100.3	100.0
2014	2135	100.3	100.2	99.8
2015	2001	100.2	100.1	100.1
2016	2055	100.7	100.2	100.3
2017	1981	100.7	100.3	100.0
2018	1134	100.6	99.9	100.4
2019	664	100.1	99.4	100.1
2020	108	99.2	98.5	99.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	21720	-2850.8	-10943.6	-487.9	-408.8
2002	22376	-2768.9	-10555.9	-475.9	-396.3
2003	22568	-2723.9	-10345.7	-466.9	-390.7
2004	22947	-2568.5	-9744.6	-443.2	-367.0
2005	22221	-2510.5	-9488.2	-435.0	-357.9
2006	23106	-2278.5	-8493.7	-399.5	-322.8
2007	22279	-2128.2	-7856.5	-377.0	-299.8
2008	23874	-1978.6	-7233.3	-353.0	-277.7
2009	23119	-1741.4	-6277.8	-311.4	-244.3
2010	22832	-1573.0	-5646.1	-281.8	-220.5
2011	22821	-1268.3	-4417.4	-229.5	-177.0
2012	23713	-1035.0	-3533.7	-190.0	-143.3
2013	24520	-766.6	-2465.6	-142.2	-105.9
2014	25930	-408.6	-982.2	-79.6	-55.6
2015	26847	-44.4	473.0	-14.3	-5.1
2016	26849	522.7	2683.7	85.2	74.8
2017	25678	980.9	4446.2	166.8	138.8
2018	13984	1295.9	5783.3	219.4	184.3

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

Jaar	Aantal	Eff	Int	Gewen
1980	40	99.8	91.8	102.0
1981	59	100.8	91.3	102.0
1982	77	100.8	91.9	101.9
1983	85	99.3	91.9	102.6
1984	76	99.3	91.5	102.5
1985	98	99.4	92.2	102.5
1986	210	99.8	92.3	102.4
1987	182	100.2	92.0	102.1
1988	254	99.5	91.6	101.9
1989	312	99.5	92.3	102.4
1990	452	100.1	92.4	102.7
1991	580	100.2	92.1	101.9
1992	720	100.7	91.9	101.6
1993	635	100.1	92.4	101.9
1994	810	100.3	92.2	101.6
1995	1060	100.2	92.3	101.0
1996	1208	100.5	92.9	101.5
1997	1405	100.6	92.8	101.7

1998	1538	100.7	93.0	101.8
1999	1513	100.7	93.1	101.8
2000	1835	101.0	94.1	101.2
2001	1972	101.0	94.4	100.9
2002	2058	101.0	94.2	101.1
2003	2288	101.3	94.1	101.0
2004	2647	101.2	94.7	100.6
2005	2776	101.1	95.2	100.9
2006	3235	101.3	95.9	100.8
2007	3054	101.3	96.2	100.7
2008	3642	101.3	96.5	100.5
2009	4085	101.3	96.9	100.4
2010	4525	101.3	97.5	100.2
2011	4739	101.3	98.4	99.8
2012	5125	101.2	98.7	99.9
2013	5424	101.2	99.2	99.9
2014	5944	100.7	99.9	100.0
2015	6576	100.3	100.1	99.9
2016	6658	99.9	100.0	100.0
2017	6659	99.4	99.0	100.0
2018	4761	99.1	97.5	99.8

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	425	99.1	96.7	23	-4.2	85.9	0	0.0
1981	596	97.5	96.3	36	-3.6	55.6	0	0.0
1982	696	98.0	97.5	47	-4.1	87.4	0	0.0
1983	938	97.6	97.5	40	-3.5	66.8	0	0.0
1984	1082	97.6	97.7	31	-3.6	58.0	0	0.0
1985	1483	97.8	98.0	1497	-5.6	107.2	0	0.0
1986	2411	97.4	98.2	2371	-5.3	101.6	0	0.0
1987	3526	97.1	97.8	3521	-5.2	96.1	0	0.0
1988	4975	97.3	97.7	4943	-4.9	92.0	0	0.0
1989	6448	97.3	97.9	6437	-4.7	87.5	0	0.0
1990	7924	97.7	98.0	7872	-4.4	84.9	0	0.0
1991	9779	97.6	97.9	9715	-4.2	82.2	0	0.0
1992	11535	97.7	98.1	11467	-4.0	76.8	0	0.0
1993	12801	97.8	98.1	12756	-3.8	73.7	0	0.0
1994	14910	97.9	98.1	14848	-3.6	72.3	0	0.0
1995	16762	97.9	98.0	16693	-3.4	67.8	0	0.0
1996	17643	98.5	98.0	17567	-3.2	66.4	0	0.0
1997	19016	98.5	97.9	18892	-3.0	62.9	0	0.0
1998	20127	98.8	97.8	19994	-2.8	58.2	0	0.0
1999	20383	98.7	97.7	20259	-2.6	55.0	0	0.0
2000	21175	99.2	97.5	21003	-2.4	51.3	0	0.0
2001	21723	99.4	97.7	21548	-2.4	50.2	13215	95.3
2002	22389	99.6	97.5	22231	-2.2	47.7	13504	95.4
2003	22590	99.4	97.5	22436	-2.1	42.9	13595	95.9
2004	22948	99.6	97.6	22814	-1.9	40.2	13523	96.0
2005	22179	99.7	97.7	22024	-1.7	35.2	12629	96.6
2006	23065	100.0	97.8	22920	-1.5	28.9	13046	97.2
2007	22162	100.2	97.9	22076	-1.3	24.1	12137	97.7
2008	23715	100.3	98.0	23696	-1.2	21.4	12567	98.0
2009	22735	100.5	98.3	22876	-1.1	19.6	12619	98.1
2010	22144	100.6	98.3	22569	-0.9	16.1	13141	98.4
2011	22081	101.0	98.8	22555	-0.6	8.8	13183	99.4
2012	22726	101.2	99.2	23476	-0.5	5.4	13654	99.8
2013	23472	101.5	99.3	24298	-0.3	3.4	14084	99.8

2014	24729	101.8	99.4	25977	-0.1	0.1	14530	100.1
2015	25686	102.2	99.5	27223	0.1	-4.0	14822	100.4
2016	25804	102.8	99.7	27605	0.4	-7.7	14243	100.8
2017	24751	103.4	99.9	27054	0.7	-12.4	13390	101.3
2018	15257	103.5	99.7	20274	1.0	-15.9	5325	101.4
2019	0	0.0	0.0	10698	1.1	-8.9	0	0.0
2020	0	0.0	0.0	8616	1.4	-12.6	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	49	99.3	14	97.9	14	99.2	49	96.2
1981	81	98.9	34	97.6	34	98.9	81	96.7
1982	108	98.8	37	96.7	37	98.5	108	96.8
1983	126	99.4	28	97.5	27	98.4	126	97.2
1984	130	99.4	28	97.6	28	98.6	130	97.2
1985	200	99.6	40	98.6	39	98.7	200	97.5
1986	389	99.5	108	99.8	113	98.5	389	96.9
1987	432	99.7	68	99.0	67	98.7	432	97.4
1988	654	99.8	105	98.3	101	101.2	654	97.6
1989	894	99.7	117	98.6	115	99.6	894	97.5
1990	1172	99.4	177	98.5	176	98.0	1172	97.3
1991	1581	99.6	267	99.2	266	99.1	1581	97.1
1992	2022	99.7	292	99.8	296	98.0	2022	96.8
1993	2150	99.8	161	99.7	160	98.2	2150	97.2
1994	2585	99.7	246	98.7	248	99.1	2585	97.0
1995	3191	99.5	298	97.5	308	98.9	3191	96.7
1996	3632	99.4	360	98.5	369	98.5	3632	96.4
1997	4275	98.9	427	97.2	440	98.1	4275	96.2
1998	4831	98.9	375	98.5	384	98.9	4831	96.2
1999	5228	98.9	270	98.5	278	98.4	5228	95.9
2000	5839	98.8	411	98.1	420	99.1	5839	95.7
2001	6567	98.8	403	98.4	408	98.5	6567	95.7
2002	7416	98.9	299	98.6	321	98.6	7416	95.6
2003	8439	98.7	260	98.3	270	98.6	8439	95.5
2004	9810	99.0	396	99.4	411	99.9	9810	95.7
2005	10495	99.0	387	99.3	399	99.3	10495	95.9
2006	12311	99.0	390	99.5	403	98.7	12311	96.1
2007	13302	99.2	307	99.5	314	99.1	13302	96.4
2008	16019	99.4	315	99.5	328	98.9	16019	96.8
2009	18176	99.4	278	99.4	289	99.0	18176	97.2
2010	20972	99.5	349	100.0	373	99.7	20972	97.4
2011	21238	100.0	275	99.9	296	99.6	21238	98.4
2012	22112	100.2	234	100.3	287	99.9	22112	98.9
2013	22827	100.4	191	100.5	222	100.0	22827	99.5
2014	23864	100.4	161	100.3	190	100.4	23864	99.8
2015	24641	100.4	86	101.4	110	100.1	24641	100.2
2016	24738	100.4	93	100.8	115	100.5	24738	100.7
2017	23171	100.4	63	100.8	75	100.3	23171	101.3
2018	14189	100.4	0	0.0	0	0.0	14189	101.4

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	25	98.2	98.7	98.2	99.4	97.2	96.6
1981	47	97.9	98.4	98.3	99.0	96.8	96.6
1982	56	98.0	99.0	97.9	99.1	96.8	96.1
1983	55	98.6	99.5	98.8	99.5	97.2	97.0
1984	52	98.1	98.5	98.4	99.1	97.1	96.6
1985	61	98.6	99.0	98.5	99.5	97.6	97.1
1986	163	98.9	99.6	98.8	99.3	98.4	98.2
1987	116	98.5	99.2	98.6	99.0	97.9	97.7
1988	163	97.4	97.2	97.9	99.0	96.6	96.1
1989	198	97.9	98.4	98.1	98.9	97.0	96.6
1990	266	98.4	99.5	98.3	99.1	97.4	96.9
1991	352	98.8	99.3	98.4	99.8	97.4	97.7
1992	424	98.5	98.6	98.4	99.3	98.0	97.4
1993	280	98.6	98.9	98.5	99.5	98.1	97.6
1994	395	98.2	98.3	97.8	99.8	97.2	96.3
1995	466	98.1	98.6	97.9	99.6	96.6	96.2
1996	530	98.3	99.0	97.8	99.6	97.2	96.4
1997	620	98.6	99.6	98.1	99.6	97.2	97.1
1998	580	99.4	100.1	98.9	100.5	97.7	97.7
1999	504	99.0	99.6	98.6	100.1	97.6	97.5
2000	660	98.2	98.4	97.9	99.5	97.7	97.1
2001	658	98.7	99.2	98.4	99.8	97.3	97.2
2002	583	98.6	99.0	98.1	99.8	97.4	97.1
2003	569	98.4	99.2	98.0	99.6	97.1	97.1
2004	731	99.5	99.8	99.3	100.1	98.5	98.6
2005	717	99.9	100.5	99.5	100.4	98.9	99.0
2006	771	100.2	100.7	99.5	100.8	99.1	99.3
2007	619	100.2	100.5	99.9	100.6	99.0	99.3
2008	668	100.2	100.4	100.1	100.7	99.1	99.4
2009	682	100.0	100.3	99.8	100.5	99.0	99.3
2010	763	99.7	99.8	99.7	100.0	99.3	99.4
2011	666	99.9	100.0	100.0	100.1	99.4	99.7
2012	644	99.8	99.8	99.9	99.9	99.8	99.8
2013	508	100.0	100.0	100.0	100.0	100.0	100.0
2014	479	99.9	99.8	100.0	99.9	100.2	100.1
2015	319	99.9	99.8	100.1	99.9	100.1	100.1
2016	292	100.1	99.8	100.3	100.0	100.4	100.4
2017	214	100.0	99.7	100.1	99.9	100.3	100.4
2018	37	100.0	99.4	100.4	100.1	100.1	100.1

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1983	10	-2497.9	-92.3	-93.4	-113.9	34.9	-6.1	-0.3	-611.1
1984	21	-2129.1	-83.5	-83.4	-97.0	19.7	-10.9	0.0	-546.6
1985	37	-2239.6	-90.1	-86.4	-101.9	17.6	-9.4	0.1	-574.2
1986	42	-2123.6	-82.8	-83.6	-96.6	21.2	-11.1	0.1	-545.8
1987	101	-2161.7	-82.4	-82.7	-98.4	24.5	-7.7	0.2	-541.5
1988	210	-2147.5	-80.2	-82.8	-97.8	27.6	-8.4	0.1	-537.3
1989	383	-2097.3	-79.9	-80.3	-95.4	24.2	-7.2	0.2	-525.6
1990	536	-2079.7	-80.1	-79.8	-94.6	23.1	-7.1	0.2	-523.8
1991	765	-1903.2	-75.0	-74.7	-86.6	17.9	-9.1	0.2	-489.6
1992	1165	-1844.1	-74.2	-72.9	-83.9	14.6	-9.7	0.2	-479.8

1993	1616	-1790.4	-73.8	-71.7	-81.4	11.3	-10.9	0.2	-473.5
1994	2111	-1676.4	-64.2	-65.8	-76.2	17.7	-7.9	0.2	-427.6
1995	2847	-1627.0	-62.0	-63.6	-74.0	17.6	-7.1	0.2	-413.1
1996	3287	-1514.1	-56.6	-60.3	-68.8	18.0	-8.3	0.2	-387.0
1997	4009	-1402.1	-54.8	-56.9	-63.7	13.2	-9.0	0.3	-367.6
1998	5065	-1352.2	-51.7	-54.1	-61.4	14.1	-7.5	0.3	-348.9
1999	5173	-1291.0	-49.5	-51.4	-58.6	13.2	-6.6	0.3	-332.1
2000	5848	-1133.2	-45.3	-46.5	-51.4	8.8	-7.5	0.3	-301.1
2001	6288	-1017.0	-43.0	-43.1	-46.2	4.8	-8.5	0.2	-281.0
2002	6358	-882.4	-38.8	-38.7	-40.5	2.3	-9.0	-0.3	-252.4
2003	6432	-791.4	-35.7	-35.6	-38.2	0.8	-9.1	-2.7	-232.4
2004	6585	-677.6	-30.7	-31.6	-32.9	0.8	-8.9	-2.6	-203.8
2005	6565	-508.9	-28.1	-26.6	-25.6	-5.5	-10.1	-3.1	-175.8
2006	6586	-398.9	-26.7	-23.1	-19.3	-9.8	-10.4	-1.5	-156.3
2007	6571	-394.0	-23.9	-21.4	-19.3	-6.6	-8.5	-1.8	-143.6
2008	7058	-344.1	-21.6	-18.3	-16.8	-6.6	-6.9	-1.5	-125.7
2009	6873	-339.4	-23.4	-18.3	-15.6	-9.3	-7.1	-0.2	-128.9
2010	6802	-280.2	-20.8	-15.1	-13.0	-9.2	-5.8	-0.3	-109.6
2011	6322	-174.6	-15.5	-10.8	-7.9	-8.4	-5.0	0.0	-79.2
2012	6042	-128.3	-13.4	-8.6	-5.4	-8.3	-4.3	0.5	-65.0
2013	5990	-75.6	-10.2	-5.9	-3.0	-7.3	-3.3	0.6	-46.7
2014	5877	-23.5	-8.1	-3.6	-0.6	-7.4	-2.7	0.6	-31.9
2015	5648	23.2	-5.1	-0.8	2.1	-6.1	-1.3	1.3	-13.5
2016	5357	124.1	-1.9	2.4	7.0	-7.6	-1.7	1.6	8.0
2017	4694	224.9	1.4	6.1	11.8	-8.8	-1.6	1.9	31.4
2018	2366	366.0	5.4	10.0	17.9	-11.8	-3.2	1.5	57.6

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1984	11	90.3	98.2	93.4	92.5	104.3	93.8	97.4
1985	22	90.0	95.6	91.5	92.0	103.3	96.1	97.2
1986	22	90.3	95.6	92.4	93.0	103.0	95.9	97.1
1987	58	90.9	97.2	93.4	93.6	103.0	95.2	97.4
1988	115	90.9	97.7	93.6	93.2	103.5	95.2	98.0
1989	228	91.0	97.4	93.4	93.4	103.2	95.7	98.2
1990	327	90.6	97.4	93.2	93.3	103.2	95.5	97.4
1991	476	91.6	97.7	94.0	94.1	102.6	95.1	98.1
1992	741	92.3	97.5	93.9	94.0	102.6	95.6	98.8
1993	1032	93.0	97.9	94.7	94.6	102.7	95.3	99.4
1994	1298	93.0	98.5	95.8	95.2	102.8	95.6	99.7
1995	1764	92.8	98.8	96.2	95.7	102.4	95.9	99.5
1996	2049	93.4	98.8	97.3	96.7	102.0	95.4	100.0
1997	2503	93.8	99.0	97.6	97.0	102.0	96.1	99.6
1998	3124	94.3	99.8	98.4	97.7	102.0	96.1	99.4
1999	3086	94.7	99.8	98.4	97.7	102.0	95.9	99.6
2000	3618	95.6	99.4	97.8	97.2	102.0	96.7	99.5
2001	3911	96.1	99.9	98.5	97.7	101.8	96.6	100.1
2002	3880	96.7	100.0	99.0	98.6	101.1	97.0	100.4
2003	3869	97.3	100.0	99.4	99.1	101.0	97.6	100.1
2004	3933	97.3	100.1	99.7	99.5	100.5	97.8	100.3
2005	3843	97.5	100.2	99.8	99.6	100.0	98.2	100.9
2006	3817	97.9	100.5	100.1	99.9	100.3	98.5	101.0
2007	3750	98.1	100.3	100.0	100.0	100.2	98.9	100.5
2008	4011	98.4	100.1	99.8	99.8	100.4	98.9	100.5
2009	4049	99.0	100.7	100.2	99.7	101.0	99.2	100.5
2010	4127	99.3	100.4	100.2	99.9	100.6	99.5	100.8
2011	3921	99.4	100.3	100.3	100.0	100.5	99.6	100.7

2012	3781	99.3	100.2	100.0	99.8	100.6	99.7	100.7
2013	3816	99.4	100.3	100.2	100.1	100.4	99.2	100.7
2014	3518	99.9	100.6	100.5	100.7	100.5	99.0	100.6
2015	3378	100.5	100.4	100.8	100.8	100.5	99.3	100.6
2016	3085	101.2	100.6	101.3	101.6	100.4	99.8	100.8
2017	2721	101.4	101.3	101.1	101.5	101.3	99.8	101.1
2018	839	101.9	101.4	101.6	102.2	101.2	99.6	101.2

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1984	11	93.7	101.3	98.1	95.8	90.5
1985	22	93.0	101.4	97.4	96.0	90.4
1986	22	92.8	102.1	96.6	95.7	90.1
1987	58	92.9	102.3	96.4	95.6	90.0
1988	115	93.7	101.8	96.5	95.6	91.0
1989	228	94.2	102.4	96.3	95.9	91.5
1990	327	94.3	102.1	96.4	96.0	91.6
1991	476	94.1	102.8	96.0	95.7	91.3
1992	741	94.4	102.0	96.7	95.5	91.5
1993	1032	95.0	101.8	96.9	95.8	92.2
1994	1298	93.7	102.2	96.0	95.7	91.3
1995	1764	94.0	102.6	95.9	95.8	91.5
1996	2049	95.2	103.3	95.8	96.0	92.6
1997	2503	95.4	103.7	95.5	96.2	93.0
1998	3124	95.8	104.2	95.2	96.6	93.5
1999	3086	96.2	103.7	95.4	96.5	93.8
2000	3618	96.6	102.9	96.9	97.1	94.4
2001	3911	96.8	103.0	97.0	97.1	94.5
2002	3880	96.6	102.8	96.9	96.9	94.5
2003	3869	96.5	102.6	97.0	97.1	94.7
2004	3933	96.6	103.1	96.7	97.2	94.8
2005	3843	96.7	103.2	96.2	97.2	95.2
2006	3817	97.1	102.6	96.8	97.7	95.7
2007	3750	97.2	102.0	97.3	97.8	96.1
2008	4011	97.0	101.4	97.9	97.6	96.0
2009	4049	97.5	101.1	98.4	98.1	96.8
2010	4127	98.2	100.4	99.1	98.3	97.6
2011	3921	99.1	100.3	99.3	98.6	98.6
2012	3781	99.4	100.2	99.5	98.9	99.1
2013	3816	99.6	100.1	99.7	99.0	99.3
2014	3518	99.9	99.8	99.9	99.2	99.6
2015	3378	100.0	99.5	100.1	99.2	99.8
2016	3085	100.2	99.3	100.3	99.4	100.1
2017	2721	100.7	98.8	101.0	100.2	100.5
2018	839	101.0	98.4	101.4	100.3	100.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1984	11	91.9	89.6	101.0	94.7	89.5	93.5	91.8
1985	22	93.5	90.5	100.6	95.4	89.4	93.1	91.2
1986	22	93.7	91.2	100.5	95.2	90.7	93.7	92.0
1987	58	93.5	90.9	101.1	95.4	91.3	92.7	91.1

1988	115	93.1	91.1	101.7	95.2	90.9	93.0	91.3
1989	228	92.8	91.6	102.0	94.8	90.9	93.0	91.5
1990	327	92.5	91.0	102.1	94.5	91.0	92.7	91.1
1991	476	93.0	91.2	101.8	95.0	91.4	92.9	91.2
1992	741	93.7	91.3	101.1	95.6	91.6	92.7	91.4
1993	1032	94.0	91.8	101.0	95.8	91.9	93.1	91.8
1994	1298	93.5	92.5	100.0	94.5	91.0	93.3	92.4
1995	1764	93.3	92.6	100.6	94.1	90.9	93.7	92.4
1996	2049	93.5	93.1	100.8	94.2	92.2	94.4	93.0
1997	2503	93.5	93.1	100.2	94.2	92.4	94.5	92.7
1998	3124	93.3	93.8	100.2	93.8	93.2	95.2	93.5
1999	3086	93.5	94.4	100.3	94.3	93.9	96.0	94.3
2000	3618	94.6	94.8	100.0	95.8	94.2	96.5	94.9
2001	3911	94.9	94.7	100.5	95.8	94.5	96.7	95.0
2002	3880	95.0	95.1	100.4	95.9	94.9	97.0	95.4
2003	3869	95.6	95.6	99.9	96.4	95.4	97.3	95.6
2004	3933	95.3	96.0	100.3	95.9	95.9	97.8	96.4
2005	3843	95.2	96.2	101.1	95.6	96.3	98.1	97.0
2006	3817	95.8	96.7	100.7	96.2	96.7	98.3	97.3
2007	3750	96.2	97.3	100.2	96.8	96.9	98.4	97.6
2008	4011	96.5	97.5	99.9	97.3	97.2	98.7	97.9
2009	4049	96.8	97.7	99.9	97.9	97.4	98.9	98.0
2010	4127	97.3	98.4	99.5	98.3	98.2	99.3	98.7
2011	3921	97.6	98.7	99.3	98.4	98.4	99.5	98.9
2012	3781	98.0	98.7	99.3	98.9	98.8	99.8	99.0
2013	3816	98.9	99.1	99.5	99.5	99.2	100.0	99.3
2014	3518	99.7	99.4	99.7	100.1	99.6	100.0	99.2
2015	3378	100.1	99.9	99.6	100.9	100.2	100.5	99.6
2016	3085	100.8	100.4	99.3	101.7	100.5	101.0	99.8
2017	2721	101.6	100.8	99.6	102.3	101.0	100.9	100.0
2018	839	102.9	101.3	99.7	103.0	102.4	101.1	99.8

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1984	11	92.5	97.1	90.4	90.5	0.0	87.3
1985	22	92.2	94.8	91.0	89.9	0.0	86.7
1986	22	92.3	95.5	91.8	89.3	0.0	87.0
1987	58	92.9	96.4	91.8	89.6	0.0	87.5
1988	115	93.5	96.9	91.5	90.6	0.0	88.1
1989	228	93.7	96.8	91.3	91.1	0.0	88.3
1990	327	93.1	96.4	90.9	91.1	0.0	87.9
1991	476	93.6	96.9	91.5	90.8	0.0	88.2
1992	741	94.1	97.0	92.0	91.1	0.0	88.9
1993	1032	94.6	97.7	92.4	91.9	0.0	89.8
1994	1298	95.6	98.6	91.4	90.8	0.0	89.1
1995	1764	95.8	98.7	91.3	91.1	0.0	89.3
1996	2049	96.2	99.5	92.0	92.1	0.0	90.4
1997	2503	96.5	99.6	92.2	92.4	0.0	90.8
1998	3124	97.0	100.1	92.4	92.8	0.0	91.3
1999	3086	96.9	100.1	93.0	93.1	0.0	91.8
2000	3618	97.0	99.8	94.1	94.1	0.0	92.9
2001	3911	97.5	100.2	94.3	94.2	0.0	93.2
2002	3880	98.1	100.3	94.6	94.2	0.0	93.6
2003	3869	98.4	100.5	95.2	94.3	0.0	94.1
2004	3933	98.7	100.5	95.2	94.4	0.0	94.1
2005	3843	99.3	100.3	95.1	94.6	0.0	94.4
2006	3817	99.7	100.7	95.7	95.2	0.0	95.2
2007	3750	99.6	100.7	96.2	95.6	0.0	95.6

2008	4011	99.5	100.6	96.6	95.5	0.0	95.7
2009	4049	99.9	100.9	97.1	96.4	0.0	96.6
2010	4127	100.1	100.9	97.7	97.2	0.0	97.5
2011	3921	100.1	100.9	97.9	98.3	0.0	98.1
2012	3781	100.0	100.8	98.4	98.7	0.0	98.6
2013	3816	99.8	101.0	99.1	98.9	0.0	99.1
2014	3518	99.9	101.4	99.9	99.2	0.0	99.7
2015	3378	100.2	101.4	100.6	99.4	0.0	100.3
2016	3085	100.7	101.8	101.3	99.7	0.0	101.0
2017	2721	100.9	102.3	102.1	100.1	0.0	101.8
2018	839	101.0	102.8	103.5	100.4	0.0	102.7

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	34	103.9	106.4	105.4	106.8	103.1	98.9	85.0	106.4
1981	25	103.7	104.6	104.9	105.4	103.2	100.4	88.5	105.3
1982	15	104.3	103.5	104.9	104.7	103.3	100.2	88.6	105.1
1983	16	103.1	103.8	103.9	104.1	102.1	99.8	87.6	104.2
1984	29	102.3	101.9	101.9	101.9	100.8	99.7	88.3	101.9
1985	44	102.4	102.1	102.4	102.5	101.2	100.2	89.2	102.6
1986	59	103.1	102.4	103.1	103.2	101.9	100.7	90.7	103.4
1987	111	102.8	101.8	102.1	102.2	101.3	100.6	90.1	102.3
1988	217	102.7	101.9	102.2	102.3	101.3	101.1	90.2	102.4
1989	401	102.7	101.6	102.1	102.0	101.2	100.9	90.3	102.2
1990	559	102.4	101.6	101.9	101.9	100.9	100.9	90.4	102.1
1991	795	102.0	101.1	101.4	101.3	100.4	100.7	91.3	101.5
1992	1219	102.0	101.1	101.5	101.3	100.4	100.7	92.3	101.5
1993	1692	102.2	100.7	101.4	101.1	100.4	100.6	93.1	101.3
1994	2324	102.1	100.2	101.1	100.7	100.1	100.6	93.3	101.0
1995	3143	101.5	100.3	100.7	100.5	99.6	100.2	93.3	100.7
1996	3615	100.7	99.6	99.8	99.3	98.7	99.9	93.9	99.5
1997	4370	99.9	99.9	99.4	99.2	98.1	99.7	94.2	99.3
1998	5595	99.5	100.0	99.2	99.2	97.8	100.1	94.8	99.1
1999	5694	99.6	100.1	99.5	99.5	98.2	100.0	95.4	99.5
2000	6399	100.3	99.2	99.7	99.2	98.7	100.2	95.8	99.4
2001	6934	100.0	99.2	99.5	99.0	98.5	99.9	96.5	99.2
2002	7163	99.2	99.5	99.2	99.0	97.9	99.8	97.7	99.1
2003	7207	98.9	99.2	98.9	98.6	97.7	99.8	98.2	98.7
2004	7329	98.9	98.8	98.7	98.3	97.6	99.5	97.6	98.4
2005	7263	98.7	98.7	98.7	98.1	97.5	99.7	97.5	98.3
2006	7247	98.7	98.1	98.4	97.6	97.4	99.6	98.0	97.9
2007	7302	98.6	98.3	98.3	97.7	97.3	99.6	98.5	97.9
2008	8162	99.1	98.2	98.7	97.9	97.9	99.5	99.0	98.2
2009	8180	99.4	98.6	99.3	98.6	98.4	99.4	99.3	98.9
2010	8124	99.7	98.4	99.3	98.5	98.6	99.5	99.2	98.8
2011	7538	99.5	98.3	99.1	98.2	98.4	99.1	99.3	98.6
2012	7460	99.7	98.6	99.6	98.7	98.9	99.3	99.2	99.1
2013	7475	99.7	98.9	99.9	99.1	99.2	99.6	99.6	99.5
2014	7436	99.9	99.4	100.5	99.8	99.8	99.5	99.8	100.2
2015	7151	100.0	99.8	100.9	100.4	100.2	99.5	100.1	100.7
2016	6899	99.8	100.2	101.1	100.8	100.3	99.3	100.8	101.0
2017	5961	99.3	100.6	101.1	101.1	100.1	98.9	101.3	101.2
2018	4843	99.6	100.9	101.7	101.6	100.7	99.2	101.6	101.8
2019	806	99.5	101.2	102.0	102.0	101.0	99.2	102.1	102.1



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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1984	13	99.1	98.3	95.8	99.5	102.9
1985	20	100.3	88.5	95.1	99.2	102.8
1986	22	99.5	93.2	95.4	99.0	103.0
1987	59	99.3	96.1	95.3	98.9	102.3
1988	117	99.6	96.1	95.8	99.0	102.5
1989	216	99.4	97.0	95.3	98.5	102.1
1990	321	99.5	97.1	95.2	98.2	101.8
1991	450	99.9	97.9	95.3	98.2	101.6
1992	722	101.1	99.5	95.1	97.9	101.0
1993	989	101.1	99.7	94.9	97.6	100.9
1994	1259	101.6	99.5	94.9	97.4	100.6
1995	1737	101.2	99.4	94.9	97.3	100.3
1996	1999	100.8	99.2	95.0	97.0	100.2
1997	2436	100.9	99.2	94.9	96.6	99.7
1998	3047	100.8	99.1	94.8	96.4	98.9
1999	3004	100.1	98.9	94.8	96.2	98.4
2000	3564	100.1	98.9	95.6	97.5	99.8
2001	3898	100.3	98.6	95.4	97.1	99.2
2002	3884	100.2	98.0	94.7	96.3	98.4
2003	3889	100.4	98.3	94.8	96.2	98.4
2004	3933	100.5	98.2	94.8	96.1	98.0
2005	3833	100.8	98.3	95.1	96.2	97.9
2006	3802	101.1	98.9	95.3	96.5	98.1
2007	3740	101.0	99.0	95.4	96.4	98.1
2008	3988	100.6	99.1	95.8	96.7	98.3
2009	3999	100.0	99.3	96.5	97.5	99.3
2010	4075	99.9	99.4	96.8	97.6	99.2
2011	3864	99.9	99.5	97.4	98.0	99.2
2012	3734	99.8	99.8	98.0	98.5	99.5
2013	3727	100.2	100.2	98.6	98.9	99.7
2014	3436	100.4	100.9	99.0	99.2	99.7
2015	3324	100.2	100.5	99.7	99.8	100.2
2016	3017	100.3	100.6	100.5	100.5	101.0
2017	2667	100.0	100.7	101.2	101.1	101.2
2018	816	100.4	101.3	101.5	101.3	101.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1983	10	-266.2	-611.1	-128.3	103.7	104.2	89.0	90.0	99.0	0.0
1984	21	-272.9	-546.6	-296.9	101.6	101.9	90.4	90.5	97.1	62.0
1985	37	-262.1	-574.2	-310.7	101.5	102.6	91.0	89.9	98.8	94.7
1986	42	-249.0	-545.8	-319.0	101.5	103.4	91.8	89.3	98.6	90.7
1987	101	-263.9	-541.5	-367.4	101.0	102.3	91.8	89.6	98.2	76.7
1988	210	-263.1	-537.3	-385.4	101.1	102.4	91.5	90.6	97.9	69.8
1989	383	-261.3	-525.6	-389.7	100.6	102.2	91.3	91.1	98.1	68.2
1990	536	-262.1	-523.8	-386.4	100.3	102.1	90.9	91.1	97.7	72.3
1991	765	-259.4	-489.6	-411.3	100.2	101.5	91.5	90.8	97.6	65.7
1992	1165	-254.5	-479.8	-384.8	99.7	101.5	92.0	91.1	98.0	62.3
1993	1616	-256.3	-473.5	-401.5	99.4	101.3	92.4	91.9	98.2	56.5
1994	2111	-250.6	-427.6	-434.8	99.2	101.0	91.4	90.8	98.1	49.7
1995	2847	-245.3	-413.1	-403.2	98.9	100.7	91.3	91.1	98.5	48.5
1996	3287	-244.1	-387.0	-415.3	98.7	99.5	92.0	92.1	98.3	44.5

1997	4009	-241.5	-367.6	-420.1	98.2	99.3	92.2	92.4	98.3	40.3
1998	5065	-241.5	-348.9	-450.6	97.6	99.1	92.4	92.8	98.4	33.7
1999	5173	-229.4	-332.1	-431.3	97.2	99.5	93.0	93.1	98.9	31.3
2000	5848	-199.9	-301.1	-341.9	98.6	99.4	94.1	94.1	98.7	28.9
2001	6288	-197.6	-281.0	-345.3	98.1	99.2	94.3	94.2	98.5	22.5
2002	6358	-194.6	-252.4	-374.2	97.2	99.1	94.6	94.2	98.4	18.4
2003	6432	-186.6	-232.4	-361.3	97.2	98.7	95.2	94.3	98.2	15.4
2004	6585	-179.9	-203.8	-373.1	96.9	98.4	95.2	94.4	97.9	13.8
2005	6565	-165.1	-175.8	-346.4	96.9	98.3	95.1	94.6	97.9	11.9
2006	6586	-151.8	-156.3	-287.3	97.1	97.9	95.7	95.2	98.1	6.4
2007	6571	-141.6	-143.6	-260.6	97.1	97.9	96.2	95.6	97.8	8.0
2008	7058	-126.5	-125.7	-223.6	97.3	98.2	96.6	95.5	98.2	7.0
2009	6873	-113.2	-128.9	-193.8	98.3	98.9	97.1	96.4	98.2	0.4
2010	6802	-99.1	-109.6	-176.3	98.3	98.8	97.7	97.2	98.3	0.1
2011	6322	-79.0	-79.2	-143.4	98.5	98.6	97.9	98.3	98.6	-0.7
2012	6042	-59.7	-65.0	-103.5	99.0	99.1	98.4	98.7	99.0	-0.8
2013	5990	-42.3	-46.7	-63.9	99.3	99.5	99.1	98.9	99.2	-1.8
2014	5877	-26.6	-31.9	-39.7	99.4	100.2	99.9	99.2	99.7	-5.4
2015	5648	-6.6	-13.5	-13.1	100.1	100.7	100.6	99.4	100.2	-6.9
2016	5357	15.9	8.0	33.6	100.9	101.0	101.3	99.7	100.6	-11.1
2017	4694	31.8	31.4	48.0	101.3	101.2	102.1	100.1	101.0	-17.9
2018	2366	53.4	57.6	67.9	101.4	101.8	103.5	100.4	101.9	-22.8

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1987	11	92.3	92.1	98.9	95.5	90.8	97.0	95.5
1988	13	92.2	91.2	99.4	96.7	89.2	96.8	94.5
1989	19	93.2	92.9	99.2	96.3	92.6	96.1	96.0
1990	28	93.4	92.1	99.3	97.2	91.6	96.5	95.9
1991	66	92.3	92.5	98.2	95.0	92.8	96.0	96.7
1992	94	92.2	92.8	97.6	94.5	93.5	96.4	96.8
1993	151	92.5	93.6	97.5	94.5	93.9	96.6	96.9
1994	295	93.1	94.5	98.5	94.0	94.3	97.3	96.4
1995	380	93.2	94.6	98.6	94.0	94.3	97.5	96.3
1996	658	93.3	93.0	99.2	96.0	92.2	97.8	95.7
1997	1012	93.0	92.8	99.0	96.2	91.8	96.8	95.2
1998	2043	93.1	93.0	99.3	96.3	91.6	96.2	94.8
1999	2185	93.7	93.3	99.7	96.8	91.8	97.2	95.2
2000	2633	93.8	94.8	98.5	96.1	93.0	97.2	95.8
2001	2931	93.4	94.7	98.3	95.4	93.2	97.0	95.9
2002	3091	93.6	94.5	98.6	96.0	92.8	97.3	95.2
2003	3309	94.0	94.9	98.6	96.4	93.0	97.5	95.5
2004	3536	94.3	95.3	98.8	96.5	93.4	97.3	95.5
2005	3482	95.0	95.9	99.3	96.6	93.9	97.5	95.9
2006	3489	95.0	96.3	98.8	96.5	94.4	97.4	96.7
2007	3521	95.5	97.0	98.6	96.9	95.2	97.5	97.3
2008	3776	95.7	97.2	98.4	97.0	95.7	97.5	97.8
2009	3806	96.2	97.6	98.5	97.3	96.4	97.7	98.2
2010	3915	96.6	97.9	98.5	97.8	96.9	97.8	98.1
2011	3699	97.1	98.5	98.4	98.1	97.5	98.1	98.4
2012	3579	97.9	99.0	98.9	98.6	98.4	98.7	98.7
2013	3654	98.2	99.5	98.7	98.6	98.9	99.0	99.0
2014	3383	98.2	99.6	98.6	98.6	99.0	99.4	99.3
2015	3234	99.2	100.0	99.4	99.2	99.5	100.2	99.6
2016	2890	100.1	100.3	100.1	99.9	100.1	101.2	99.5
2017	2449	100.3	100.4	100.4	100.0	100.4	101.4	99.1
2018	719	100.9	101.0	100.9	100.3	100.9	101.7	99.1

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1986	10	94.9	100.4	94.9	100.4	93.7	99.4
1987	21	95.8	100.3	95.8	100.3	94.0	99.4
1988	22	95.2	100.2	95.2	100.2	93.8	98.1
1989	31	95.5	100.5	95.5	100.5	94.1	98.7
1990	44	95.6	100.5	95.6	100.5	93.7	99.4
1991	56	95.7	100.4	95.7	100.4	95.2	98.9
1992	58	95.4	100.1	95.4	100.1	94.2	98.7
1993	97	95.6	100.4	95.6	100.4	94.7	98.9
1994	128	95.4	100.6	95.4	100.6	95.1	98.9
1995	136	95.5	100.4	95.5	100.4	94.6	98.5
1996	184	96.0	100.2	96.0	100.2	94.8	98.7
1997	232	96.3	100.4	96.3	100.4	95.3	98.8
1998	299	96.3	100.6	96.3	100.6	95.0	98.8
1999	294	96.7	100.9	96.7	100.9	95.2	99.4
2000	414	97.1	100.1	97.1	100.1	95.6	99.7
2001	495	96.8	100.2	96.8	100.2	95.5	100.0
2002	532	96.9	99.9	96.9	99.9	95.4	99.7
2003	638	97.0	99.8	97.0	99.8	95.5	99.8
2004	696	97.0	99.4	97.0	99.4	95.8	99.4
2005	744	97.2	99.3	97.2	99.3	96.3	99.4
2006	833	97.6	99.2	97.6	99.2	96.6	99.4
2007	781	97.5	99.1	97.5	99.1	96.7	99.2
2008	948	98.1	98.9	98.1	98.9	97.4	99.0
2009	958	98.0	99.0	98.0	99.0	97.5	99.2
2010	931	98.4	99.1	98.4	99.1	98.3	99.4
2011	951	98.7	99.1	98.7	99.1	98.9	99.4
2012	851	99.3	99.3	99.3	99.3	99.5	99.7
2013	911	99.7	99.3	99.7	99.3	100.0	99.8
2014	796	99.6	99.8	99.6	99.8	100.3	99.8
2015	858	99.5	100.3	99.5	100.3	100.6	100.2
2016	565	99.4	100.6	99.4	100.6	100.9	100.2
2017	425	99.8	100.8	99.8	100.8	101.4	100.3
2018	151	100.2	101.5	100.2	101.5	101.6	100.4
2019	40	100.8	101.4	100.8	101.4	102.3	100.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	19	94.7	105.1	104.6	97.8	100.5	102.3
1985	22	98.7	102.7	99.9	99.0	100.4	99.7
1986	30	98.1	102.5	100.6	94.5	96.7	96.8
1987	61	96.5	104.4	102.5	98.0	100.6	101.9
1988	126	96.5	104.0	102.7	95.5	97.7	99.3
1989	218	96.6	104.3	102.6	97.0	99.7	101.4
1990	320	96.6	104.4	102.4	96.9	100.8	102.3
1991	394	96.1	104.1	102.9	96.6	100.4	101.3
1992	550	95.9	103.8	103.1	96.9	99.7	99.1
1993	706	95.8	103.8	103.3	98.9	100.9	99.4
1994	773	95.4	103.5	103.7	98.7	100.2	99.5
1995	998	96.2	103.7	102.7	99.4	100.4	98.1
1996	1150	96.1	104.5	103.1	98.8	100.5	98.5

1997	1436	96.1	104.7	103.0	98.8	101.0	98.7
1998	1842	95.8	104.4	103.4	98.5	101.3	99.1
1999	1804	96.2	103.5	103.0	99.0	100.7	98.5
2000	2460	96.3	102.7	102.7	99.3	100.0	97.8
2001	2796	95.8	102.8	103.4	99.6	100.0	98.2
2002	2822	95.2	103.3	104.1	99.7	100.4	98.4
2003	3101	95.0	103.0	104.4	99.7	100.5	98.3
2004	3322	94.9	103.0	104.5	99.8	100.7	98.7
2005	3225	95.3	102.7	104.2	100.5	100.8	98.6
2006	3292	95.5	102.5	104.2	100.2	100.7	98.6
2007	3625	96.1	102.3	103.5	99.7	100.9	99.0
2008	3516	96.6	102.1	103.0	99.9	100.7	98.9
2009	4304	96.4	101.8	103.3	100.3	100.7	98.7
2010	4601	96.5	101.5	103.3	100.5	100.5	98.8
2011	4519	96.9	101.4	103.0	100.3	100.7	99.0
2012	4355	97.3	101.1	102.6	100.4	100.6	99.0
2013	4432	97.8	101.0	101.9	100.5	100.7	99.3
2014	4326	97.9	100.5	101.7	100.9	100.6	99.2
2015	4183	98.1	100.3	101.5	101.3	100.3	99.5
2016	3866	98.5	100.1	100.9	101.7	100.4	99.7
2017	3342	99.0	100.1	100.4	102.0	100.5	99.7
2018	2538	99.2	99.8	100.1	102.6	100.9	100.0
2019	2212	99.4	99.4	99.9	103.1	100.8	99.8
2020	1622	99.9	99.0	99.2	103.8	101.1	99.7

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1984	13	103.2	106.4	97.6	102.7	104.1	98.0	103.5	97.6	105.7	98.7	102.7
1985	14	103.4	106.9	95.1	101.7	104.9	96.8	103.6	97.9	106.1	97.9	101.4
1986	16	103.9	106.6	96.4	102.3	104.8	97.2	104.0	98.1	106.2	98.3	102.2
1987	39	103.9	106.3	97.8	102.9	104.6	98.2	104.5	97.2	105.9	99.0	103.5
1988	70	104.3	107.4	96.6	103.1	105.3	97.6	104.5	97.7	106.6	98.4	103.4
1989	112	104.9	107.7	97.0	103.5	105.9	98.0	105.0	97.7	107.1	98.8	104.1
1990	133	104.4	106.8	97.4	103.0	105.4	97.9	104.7	97.5	106.5	98.7	103.5
1991	226	104.2	106.1	97.7	102.7	104.6	98.2	104.2	98.3	106.1	98.9	103.2
1992	350	104.2	106.1	97.7	102.7	104.7	98.3	104.2	98.4	106.0	98.8	103.3
1993	482	104.3	105.6	98.0	102.8	104.6	98.3	104.3	98.5	105.7	98.9	103.4
1994	644	104.3	106.1	97.8	103.3	104.2	98.7	104.1	99.0	106.0	98.8	104.3
1995	922	103.7	105.5	98.8	102.7	103.7	99.3	103.5	99.1	105.4	99.5	103.6
1996	1196	103.3	105.0	99.3	102.7	103.2	99.6	103.4	98.3	105.4	99.6	103.6
1997	1623	103.0	104.7	99.0	102.5	102.9	99.5	102.9	98.8	104.9	99.2	103.0
1998	2305	102.7	104.0	99.1	102.5	102.2	99.2	102.7	99.0	104.0	98.7	102.9
1999	2560	102.3	103.7	98.8	102.5	101.9	99.3	102.4	98.8	103.6	98.8	102.7
2000	3722	102.2	103.0	99.0	102.1	101.6	99.7	101.9	99.8	103.3	99.1	102.1
2001	5009	102.1	102.6	99.7	102.2	101.4	100.0	101.8	99.8	103.0	99.6	102.2
2002	5444	102.5	102.1	100.3	102.3	101.2	99.9	102.3	100.1	102.3	99.8	102.2
2003	5878	102.3	101.4	100.6	101.9	101.0	99.9	102.2	100.1	101.9	99.8	101.7
2004	6113	102.2	100.9	100.7	101.7	101.1	99.7	102.0	100.4	101.7	99.4	101.7
2005	6088	102.0	100.3	101.0	101.4	100.9	99.7	101.8	100.3	101.5	99.4	101.7
2006	6227	101.7	99.9	101.1	101.1	100.5	99.8	101.6	100.3	101.0	99.6	101.3
2007	6296	101.0	99.7	101.1	100.7	100.0	100.1	101.1	99.9	100.5	99.9	100.6
2008	6980	100.9	99.4	101.0	100.5	99.9	100.2	101.0	100.0	100.3	100.0	100.3
2009	6925	100.6	99.9	100.2	101.1	99.7	100.3	101.0	99.2	100.3	99.8	100.4
2010	6869	100.5	99.2	100.6	100.6	99.6	100.1	100.8	99.4	100.0	99.8	100.2
2011	6320	100.4	98.6	100.8	100.0	99.5	100.0	100.6	99.6	99.8	99.7	99.8
2012	6025	100.5	98.6	100.9	99.9	99.8	100.0	100.7	99.4	99.9	99.8	99.8
2013	5797	100.5	98.1	101.3	99.6	99.8	100.0	100.9	99.2	99.7	100.0	99.9
2014	5125	100.5	97.7	101.9	99.6	99.7	100.0	101.0	99.0	99.4	100.3	99.8

2015	4472	100.1	97.3	101.9	99.5	99.2	100.4	100.8	98.9	99.1	100.5	99.6
2016	3706	99.8	97.0	101.9	99.6	98.7	100.5	100.6	98.5	98.7	100.7	99.4
2017	2899	100.1	97.4	101.9	100.1	99.0	100.5	100.9	98.5	99.0	100.8	99.9
2018	834	100.1	97.1	102.1	100.3	98.7	100.7	101.0	98.6	98.7	101.1	99.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	20	98.9	99.2	98.3
1988	18	99.4	99.8	99.2
1989	29	98.8	99.4	98.4
1990	33	98.5	99.2	98.1
1991	45	98.8	99.5	98.8
1992	37	98.4	99.2	98.5
1993	52	98.7	99.6	98.1
1994	68	99.0	99.9	98.5
1995	77	98.8	99.6	97.9
1996	93	99.2	99.9	97.6
1997	110	98.8	99.5	98.1
1998	143	99.3	99.9	99.0
1999	138	99.5	100.2	99.1
2000	212	99.0	99.8	98.9
2001	231	99.5	100.0	99.0
2002	282	99.3	100.1	98.9
2003	340	99.5	100.1	98.9
2004	418	100.0	100.3	99.3
2005	431	99.9	100.1	99.2
2006	456	100.0	100.2	98.9
2007	440	100.0	100.2	99.1
2008	535	100.0	100.2	99.0
2009	495	100.0	99.7	99.6
2010	470	99.8	99.6	99.0
2011	491	100.0	99.9	99.3
2012	377	100.6	100.5	99.6
2013	387	100.8	100.3	100.0
2014	322	100.4	100.0	100.0
2015	341	100.6	100.3	99.5
2016	245	101.2	100.6	100.2
2017	258	101.3	100.7	100.1
2018	133	101.2	100.5	99.7
2019	49	102.1	100.8	100.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	6290	-3208.8	-12559.8	-541.0	-463.6
2002	6359	-3277.0	-12793.1	-555.3	-472.1
2003	6425	-3143.0	-12247.2	-533.4	-452.7
2004	6586	-3130.5	-12179.0	-531.7	-450.8
2005	6563	-2902.1	-11088.2	-498.9	-415.5
2006	6582	-2527.0	-9462.9	-439.3	-359.9
2007	6572	-2343.6	-8875.0	-405.4	-334.5
2008	7067	-2077.6	-7866.0	-361.6	-295.4
2009	6984	-1912.7	-7114.1	-336.7	-270.4

2010	6951	-1745.5	-6497.0	-309.9	-245.4
2011	6483	-1451.1	-5365.9	-258.7	-203.5
2012	6325	-1156.1	-4198.6	-208.5	-161.2
2013	6262	-845.6	-3023.7	-154.7	-117.0
2014	6143	-627.8	-2151.6	-117.9	-85.6
2015	5910	-386.3	-1269.6	-76.9	-50.6
2016	5622	-1.2	352.8	-12.3	4.8
2017	4872	181.3	1132.3	16.6	31.9
2018	2268	407.6	2175.8	54.0	64.5

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

Jaar	Aantal	Eff	Int	Gewen
1987	14	100.2	89.1	101.9
1988	13	99.8	88.7	102.6
1989	22	100.3	90.2	102.6
1990	25	100.3	90.4	102.0
1991	34	99.3	90.3	102.7
1992	41	100.8	90.2	102.8
1993	60	100.5	90.0	103.0
1994	99	100.8	86.3	103.5
1995	112	100.5	87.9	103.2
1996	141	101.0	87.5	103.1
1997	160	100.5	87.1	102.8
1998	246	100.3	86.8	102.9
1999	209	100.2	87.7	102.7
2000	309	99.6	88.3	102.4
2001	375	100.4	88.4	102.1
2002	402	100.2	88.7	102.1
2003	450	100.2	89.3	102.1
2004	484	100.4	90.3	102.0
2005	515	101.1	90.4	101.8
2006	560	101.2	91.3	101.4
2007	557	101.0	91.7	101.2
2008	724	100.6	92.2	101.2
2009	739	100.1	92.5	101.6
2010	847	100.1	93.6	101.3
2011	857	100.2	94.9	100.8
2012	874	100.3	96.2	100.6
2013	945	100.4	97.7	100.4
2014	959	100.4	98.9	100.5
2015	1006	100.5	99.6	100.4
2016	977	100.2	100.6	100.4
2017	875	99.9	100.8	99.6
2018	515	100.0	100.4	99.3

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1983	10	97.9	97.2	0	0.0	0.0	0	0.0
1984	21	99.0	97.0	1	-2.5	62.0	0	0.0
1985	37	97.5	95.9	36	-5.3	94.7	0	0.0
1986	42	96.7	96.6	41	-5.0	90.7	0	0.0
1987	101	97.1	96.7	101	-4.7	76.7	0	0.0

1988	210	96.3	96.2	206	-4.6	69.8	0	0.0
1989	383	96.8	96.2	384	-4.5	68.2	0	0.0
1990	536	97.0	96.4	533	-4.5	72.3	0	0.0
1991	765	96.7	96.3	765	-4.2	65.7	0	0.0
1992	1165	96.7	96.4	1164	-4.1	62.3	0	0.0
1993	1616	96.2	96.1	1613	-3.9	56.5	0	0.0
1994	2111	95.9	96.5	2108	-3.5	49.7	0	0.0
1995	2847	96.8	96.6	2839	-3.4	48.5	0	0.0
1996	3287	96.8	96.1	3286	-3.2	44.5	0	0.0
1997	4009	96.8	96.1	4005	-3.0	40.3	0	0.0
1998	5065	96.6	96.0	5064	-2.7	33.7	0	0.0
1999	5173	96.9	96.4	5171	-2.6	31.3	0	0.0
2000	5848	97.6	97.1	5843	-2.4	28.9	0	0.0
2001	6288	98.0	97.1	6282	-2.1	22.5	3911	99.1
2002	6358	97.7	96.7	6354	-1.9	18.4	3880	99.2
2003	6432	97.7	96.5	6421	-1.7	15.4	3869	99.4
2004	6585	97.8	96.4	6579	-1.5	13.8	3933	99.3
2005	6565	98.4	96.5	6563	-1.3	11.9	3842	99.4
2006	6586	99.1	97.0	6578	-1.1	6.4	3817	99.9
2007	6571	99.3	97.2	6564	-1.0	8.0	3750	99.7
2008	7058	99.4	97.7	7068	-0.9	7.0	4011	99.8
2009	6873	99.3	98.0	6981	-0.8	0.4	4048	100.6
2010	6802	99.5	97.9	6949	-0.7	0.1	4126	100.5
2011	6322	100.0	98.1	6481	-0.5	-0.7	3918	100.4
2012	6042	100.3	98.5	6318	-0.4	-0.8	3781	100.3
2013	5990	100.7	98.6	6275	-0.3	-1.8	3816	100.3
2014	5877	101.1	98.6	6180	-0.1	-5.4	3517	100.7
2015	5648	101.5	99.0	5967	0.0	-6.9	3376	100.9
2016	5357	102.2	99.1	5808	0.2	-11.1	3084	101.3
2017	4694	103.1	99.4	5100	0.5	-17.9	2719	102.1
2018	2366	103.4	99.3	3138	0.8	-22.8	839	102.4
2019	0	0.0	0.0	1305	1.0	-11.7	0	0.0
2020	0	0.0	0.0	1001	1.2	-14.8	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	11	99.9	0	0.0	0	0.0	11	96.5
1987	19	99.4	3	97.7	3	95.7	19	96.8
1988	34	99.8	2	97.0	2	101.0	34	96.0
1989	54	99.5	5	96.6	5	96.6	54	95.8
1990	73	99.3	10	96.4	10	96.6	73	96.0
1991	108	99.4	14	97.2	13	98.5	108	95.5
1992	160	99.6	8	97.6	8	96.0	160	95.6
1993	245	99.7	13	97.4	13	97.0	245	95.3
1994	329	99.4	20	99.0	20	96.9	329	95.0
1995	441	99.6	18	99.9	18	97.2	441	95.4
1996	551	99.5	17	97.9	18	97.5	551	95.0
1997	731	98.9	24	96.5	25	97.7	731	94.4
1998	967	98.9	42	97.0	43	100.0	967	93.9
1999	1024	99.2	21	98.8	22	99.5	1024	95.0
2000	1481	100.0	51	100.5	53	99.3	1481	95.9
2001	1741	100.3	51	100.7	52	98.4	1741	96.1
2002	1947	99.9	57	100.5	60	98.0	1947	96.0
2003	2400	100.0	57	101.2	57	99.4	2400	96.3
2004	2665	99.6	75	99.8	80	99.7	2665	95.9
2005	3066	98.9	47	98.8	49	98.4	3066	95.7
2006	3470	99.0	70	99.3	71	98.5	3470	95.9
2007	3948	99.2	50	99.2	52	99.3	3948	96.3

2008	4789	99.6	73	99.4	76	99.5	4789	96.6
2009	5486	100.0	34	99.1	37	99.0	5486	97.5
2010	6477	99.9	52	99.9	53	99.8	6477	97.6
2011	6106	99.9	39	99.7	44	99.5	6106	97.8
2012	5909	99.8	41	98.8	43	99.7	5909	98.1
2013	5847	99.7	24	99.7	27	99.6	5847	98.5
2014	5708	99.9	19	99.3	23	99.5	5708	99.3
2015	5421	100.1	9	100.3	12	100.1	5421	100.0
2016	5124	100.3	5	101.0	7	99.0	5124	100.5
2017	4377	100.3	0	0.0	2	101.0	4377	100.9
2018	2262	100.2	0	0.0	2	100.5	2262	101.0

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1987	10	100.1	99.1	102.0	99.2	98.8	99.2
1989	15	99.9	98.9	101.5	98.9	99.1	99.7
1990	11	99.1	98.7	100.8	98.7	98.3	98.5
1991	23	101.2	100.9	102.4	100.4	99.6	100.0
1992	15	100.1	100.0	101.8	99.4	98.6	98.7
1993	29	99.7	99.1	101.2	99.0	98.7	98.9
1994	34	100.8	100.6	102.6	99.6	99.1	100.5
1995	36	99.9	99.4	101.7	98.7	99.0	99.6
1996	44	98.4	97.7	100.0	98.1	98.1	97.4
1997	47	98.7	97.9	100.2	98.3	98.4	98.2
1998	75	99.0	98.7	100.7	98.4	97.9	98.6
1999	43	99.2	98.8	100.6	98.7	98.4	99.0
2000	98	99.8	99.7	101.4	99.2	97.6	99.1
2001	95	99.9	99.8	101.3	99.0	98.4	99.3
2002	111	99.1	98.5	100.6	98.6	98.0	98.9
2003	123	100.1	100.1	101.3	99.0	98.7	100.2
2004	156	99.5	99.5	100.6	98.7	98.3	99.4
2005	133	100.2	100.2	101.2	99.5	98.8	99.7
2006	156	100.8	100.8	102.0	99.9	98.7	100.2
2007	143	101.0	101.2	102.1	100.0	99.2	100.5
2008	172	101.0	100.6	102.1	99.9	99.5	100.7
2009	138	100.5	100.5	101.5	99.3	99.3	100.2
2010	154	100.6	100.8	100.9	99.8	99.3	100.2
2011	160	100.8	100.8	101.2	99.8	99.7	100.4
2012	126	100.3	100.3	100.8	99.5	99.4	100.0
2013	105	99.9	99.9	100.5	99.1	99.5	99.7
2014	95	99.9	99.7	100.7	99.2	99.6	99.9
2015	93	99.7	99.5	100.4	98.8	99.8	99.5
2016	66	99.5	99.0	100.2	99.0	99.3	99.5
2017	22	99.8	99.4	100.2	99.0	99.6	99.7

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	140	-3142.5	-111.0	-105.0	-143.0	39.7	8.1	0.9	-706.8
1981	248	-3184.5	-112.1	-106.0	-144.9	41.2	9.0	0.9	-713.6
1982	296	-3164.9	-110.7	-106.0	-144.0	42.2	7.9	0.8	-710.3
1983	539	-3118.2	-108.9	-105.3	-141.9	41.4	6.2	0.9	-703.0
1984	516	-3034.8	-103.9	-102.9	-138.1	43.5	5.4	0.9	-681.4



1985	730	-3148.5	-104.8	-105.0	-143.3	51.6	8.8	0.9	-693.6
1986	667	-2973.4	-96.2	-99.2	-135.3	52.4	8.2	0.8	-649.1
1987	725	-2815.8	-93.0	-94.7	-128.1	45.2	6.3	0.8	-622.1
1988	700	-2650.5	-88.5	-90.0	-120.6	40.0	4.4	0.7	-590.9
1989	730	-2590.4	-84.6	-88.1	-117.8	41.8	4.0	0.8	-574.4
1990	642	-2433.5	-74.9	-82.2	-110.6	45.4	4.6	0.8	-527.4
1991	661	-2188.0	-64.2	-73.5	-99.4	44.5	4.8	0.7	-466.2
1992	919	-2031.7	-61.6	-69.4	-92.3	37.2	2.5	0.7	-441.7
1993	725	-1903.8	-58.9	-65.6	-86.4	32.5	1.6	0.7	-418.8
1994	493	-1815.4	-53.5	-62.0	-82.4	34.8	2.4	0.7	-391.3
1995	541	-1547.8	-45.6	-54.3	-70.2	28.7	0.0	0.6	-339.2
1996	419	-1415.4	-42.8	-50.2	-64.2	24.2	-0.8	0.6	-315.2
1997	245	-1422.1	-45.8	-51.7	-64.5	20.8	-2.4	0.6	-327.6
1998	193	-1374.6	-44.2	-49.4	-62.3	20.3	-1.4	0.6	-314.4
1999	177	-1371.1	-45.7	-49.6	-62.1	17.8	-1.8	0.6	-317.9
2000	167	-1156.3	-43.9	-44.1	-52.6	7.5	-4.4	0.3	-288.8
2001	155	-1086.4	-40.0	-40.3	-50.1	9.2	-2.4	-0.6	-264.4
2002	143	-1179.2	-39.2	-41.8	-53.2	15.8	-0.0	0.9	-269.6
2003	140	-1019.3	-34.7	-36.9	-45.6	12.0	-1.2	1.3	-238.1
2004	110	-817.3	-32.8	-32.9	-37.5	3.2	-5.0	-0.2	-215.3
2005	106	-825.2	-33.2	-32.9	-37.1	3.2	-4.7	0.8	-215.8
2006	104	-824.0	-31.1	-30.1	-35.0	5.6	-1.5	3.3	-199.2
2007	85	-636.4	-27.0	-24.5	-27.0	1.1	-2.5	2.3	-165.3
2008	63	-634.8	-28.4	-27.0	-24.8	-0.3	-5.3	5.1	-177.9
2009	54	-675.2	-32.1	-26.6	-27.3	-2.7	-3.1	4.5	-184.4
2010	34	-508.2	-30.6	-24.0	-18.8	-9.7	-7.0	5.5	-168.1
2011	34	-311.6	-19.9	-17.7	-6.7	-7.2	-7.7	9.0	-116.4
2012	29	-521.9	-22.6	-21.2	-16.8	0.6	-3.0	8.5	-139.7
2013	24	-588.0	-20.0	-21.0	-20.7	7.1	0.1	7.5	-134.3
2014	23	-346.3	-21.0	-16.0	-13.3	-5.9	-3.9	2.9	-113.7
2015	24	-438.2	-20.9	-17.8	-14.0	-1.2	-2.1	7.4	-121.1
2016	13	-57.0	5.5	-1.5	7.8	10.0	1.1	12.8	7.7
2017	11	-262.7	-3.5	-5.7	-9.9	9.7	4.2	2.5	-34.0

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	65	82.2	97.3	86.0	83.7	108.6	96.1	98.3
1981	93	83.4	97.6	86.7	84.7	108.4	96.9	98.5
1982	98	84.3	97.7	87.2	85.4	107.9	96.9	98.7
1983	212	84.1	97.5	87.3	85.5	107.7	96.2	98.4
1984	197	84.8	97.0	87.7	86.2	106.7	96.8	98.0
1985	242	85.0	97.1	87.6	85.9	107.2	96.6	97.7
1986	237	85.4	96.8	88.2	86.6	106.4	96.9	98.0
1987	255	86.6	96.9	89.1	87.5	105.8	96.7	98.0
1988	233	87.5	96.9	90.5	88.7	104.8	96.2	98.2
1989	318	87.5	96.1	90.0	88.5	104.2	96.1	97.7
1990	294	88.0	95.2	90.2	88.9	103.2	97.3	97.9
1991	327	89.1	95.7	90.9	90.0	102.1	98.1	97.6
1992	440	89.9	96.4	91.9	90.9	101.9	98.0	97.3
1993	348	90.4	97.0	92.1	91.3	101.8	98.4	97.1
1994	236	90.4	96.7	92.0	91.3	101.4	98.1	97.1
1995	269	91.3	97.8	93.1	92.5	100.9	98.3	96.6
1996	210	91.7	97.5	93.2	92.8	100.5	98.7	96.3
1997	123	91.6	97.2	93.4	92.7	100.8	98.5	96.4
1998	116	92.3	97.1	94.0	93.4	100.3	98.2	97.0
1999	83	92.9	97.1	95.0	94.5	99.7	98.4	97.8
2000	79	92.8	97.1	94.8	94.1	99.8	98.4	98.1

2001	78	93.5	97.5	95.3	95.3	99.7	98.8	98.4
2002	64	93.4	97.0	95.0	95.1	99.6	99.3	98.1
2003	69	93.5	96.8	95.0	95.0	99.0	98.4	97.9
2004	54	94.6	96.7	96.0	95.7	98.1	98.7	97.7
2005	52	94.0	97.4	95.9	95.6	99.2	99.6	97.5
2006	52	95.4	98.3	96.4	95.2	99.9	100.2	99.0
2007	32	95.8	98.4	96.8	96.0	99.8	101.0	98.7
2008	21	96.6	99.6	97.0	95.4	101.0	99.5	101.4
2009	23	94.7	97.9	95.5	94.3	100.8	99.0	99.0
2010	23	97.1	98.5	97.5	96.8	100.3	100.2	100.4
2011	20	95.3	97.2	96.5	96.8	99.3	99.2	99.0
2012	14	96.9	98.1	98.4	97.2	99.5	98.1	99.9
2013	14	97.9	99.8	97.8	95.9	101.4	99.4	100.6
2014	17	98.9	98.3	98.9	98.2	100.3	99.5	99.9
2015	14	98.5	97.9	97.9	97.7	98.9	100.4	100.6

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	65	92.2	99.7	98.9	95.7	89.1
1981	93	93.4	99.4	99.3	96.2	90.0
1982	98	93.3	99.8	99.0	96.3	90.0
1983	212	93.5	100.2	98.6	96.1	90.1
1984	197	93.7	100.6	98.4	96.4	90.7
1985	242	93.8	100.6	98.5	96.4	90.7
1986	237	93.8	101.3	97.9	96.4	90.9
1987	255	94.0	100.9	98.3	96.1	90.9
1988	233	94.4	101.5	97.9	95.9	91.3
1989	318	94.8	101.7	97.8	96.2	92.3
1990	294	95.0	101.9	97.8	96.5	92.6
1991	327	94.7	102.9	97.0	97.3	93.0
1992	440	94.4	103.3	96.6	97.3	92.9
1993	348	93.9	103.5	96.2	97.5	92.7
1994	236	94.4	103.5	96.3	97.6	93.1
1995	269	93.6	104.1	95.6	98.0	92.9
1996	210	93.9	104.0	95.6	98.0	93.3
1997	123	94.3	103.5	96.0	97.7	93.6
1998	116	94.9	102.4	97.0	97.6	94.2
1999	83	95.3	103.0	96.5	97.6	94.4
2000	79	95.3	102.8	96.6	96.8	94.2
2001	78	96.1	102.1	97.0	97.6	95.5
2002	64	95.4	101.7	97.2	97.0	94.9
2003	69	96.8	102.0	96.8	97.4	95.9
2004	54	95.5	102.3	97.3	97.6	94.9
2005	52	96.3	102.2	97.8	97.3	95.4
2006	52	96.2	101.4	98.6	97.7	95.7
2007	32	96.8	101.1	98.6	96.9	95.9
2008	21	97.3	102.0	99.0	97.1	96.1
2009	23	97.2	100.5	99.0	96.9	96.2
2010	23	97.4	101.7	98.4	98.4	97.2
2011	20	96.7	101.7	98.2	97.4	96.2
2012	14	97.1	100.5	98.7	97.6	95.6
2013	14	98.1	99.8	100.1	97.9	97.0
2014	17	97.2	100.1	98.8	97.4	96.5
2015	14	99.0	100.8	99.4	97.0	96.9

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	65	88.8	87.2	100.7	90.4	81.9	88.1	88.2
1981	93	89.2	86.7	100.4	90.9	82.6	88.8	88.5
1982	98	90.0	87.7	100.3	91.7	83.6	89.5	89.1
1983	212	89.8	87.2	100.9	91.6	83.7	89.3	88.7
1984	197	90.1	87.6	100.7	91.7	84.9	89.6	89.0
1985	242	90.4	88.0	100.5	92.1	84.6	89.2	89.0
1986	237	90.8	88.7	100.2	92.2	85.1	90.6	89.9
1987	255	90.9	88.4	100.8	92.2	85.7	90.1	89.2
1988	233	91.4	89.1	100.4	92.3	86.8	91.3	89.9
1989	318	91.4	89.1	100.2	92.2	87.1	91.8	90.2
1990	294	92.0	91.2	99.4	93.2	87.9	93.6	92.3
1991	327	92.5	91.7	100.7	93.7	89.5	94.4	93.1
1992	440	92.7	91.3	101.3	93.5	90.1	94.2	92.5
1993	348	92.5	91.1	101.6	93.5	90.5	93.9	92.4
1994	236	92.5	91.4	101.8	93.4	90.6	94.0	92.7
1995	269	93.0	91.3	102.9	93.4	92.2	94.5	93.2
1996	210	92.8	91.4	102.9	93.5	92.4	94.6	93.1
1997	123	93.1	91.9	102.3	93.7	92.2	94.9	93.5
1998	116	94.0	93.2	101.2	94.7	92.4	95.5	94.8
1999	83	94.3	93.3	101.5	94.1	92.3	95.7	95.3
2000	79	93.7	93.7	101.1	94.0	92.6	95.6	95.2
2001	78	94.1	93.8	101.4	94.1	93.9	96.1	95.8
2002	64	94.1	94.5	101.8	94.1	93.1	95.4	95.5
2003	69	94.6	94.8	101.9	95.0	94.6	96.4	96.2
2004	54	94.5	93.9	101.5	94.3	93.7	95.9	95.5
2005	52	94.9	94.2	101.1	94.1	94.2	96.4	96.0
2006	52	95.8	96.0	100.6	95.3	95.0	96.8	97.2
2007	32	95.5	96.7	101.6	95.2	94.5	97.2	97.9
2008	21	96.0	95.3	101.3	95.9	94.3	97.6	97.2
2009	23	95.2	95.5	100.8	95.9	94.4	97.3	96.8
2010	23	97.3	96.7	100.6	96.7	96.3	97.9	97.9
2011	20	95.9	97.3	99.6	96.2	96.3	98.8	98.9
2012	14	97.4	98.7	99.0	98.7	97.1	99.6	99.9
2013	14	97.4	97.1	100.4	98.6	95.2	97.5	98.1
2014	17	98.8	99.3	100.6	98.9	98.2	98.9	99.8
2015	14	98.4	97.3	100.3	99.6	96.3	97.9	98.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	65	91.4	91.9	83.4	89.2	0.0	81.7
1981	93	92.3	92.7	84.0	90.2	0.0	82.9
1982	98	92.6	92.8	85.3	90.2	0.0	83.8
1983	212	92.0	92.7	85.1	90.3	0.0	83.5
1984	197	92.1	92.5	85.8	90.7	0.0	84.1
1985	242	91.9	92.5	85.8	90.8	0.0	84.1
1986	237	92.3	92.6	86.6	90.9	0.0	84.6
1987	255	92.5	93.2	86.8	91.0	0.0	85.0
1988	233	92.8	93.8	87.8	91.5	0.0	85.9
1989	318	92.1	92.9	87.9	92.3	0.0	86.0
1990	294	92.5	92.2	89.2	92.5	0.0	86.9
1991	327	93.2	92.4	90.3	92.5	0.0	87.7
1992	440	93.6	93.4	90.6	92.2	0.0	88.0

1993	348	94.0	93.8	90.6	91.9	0.0	88.0
1994	236	93.7	93.4	90.5	92.3	0.0	88.0
1995	269	94.3	94.4	91.4	91.8	0.0	88.5
1996	210	94.2	94.2	91.5	92.2	0.0	88.8
1997	123	94.1	94.3	91.7	92.7	0.0	89.1
1998	116	94.5	94.7	92.4	93.5	0.0	90.1
1999	83	95.3	95.5	92.2	93.6	0.0	90.4
2000	79	95.4	95.5	92.1	93.5	0.0	90.3
2001	78	96.0	96.5	92.8	94.8	0.0	91.7
2002	64	96.0	96.0	92.4	94.2	0.0	91.1
2003	69	95.3	95.4	93.6	95.3	0.0	92.0
2004	54	95.7	95.5	92.9	94.3	0.0	91.3
2005	52	96.2	96.2	93.3	95.0	0.0	92.1
2006	52	97.8	96.8	94.4	95.2	0.0	93.3
2007	32	98.2	97.2	94.0	95.7	0.0	93.7
2008	21	99.0	98.5	94.5	96.0	0.0	94.4
2009	23	96.7	96.7	94.1	96.0	0.0	93.3
2010	23	98.6	98.6	96.0	96.6	0.0	95.4
2011	20	96.8	97.0	95.5	95.6	0.0	93.8
2012	14	97.4	98.0	97.2	95.2	0.0	94.9
2013	14	99.0	98.8	96.2	96.9	0.0	96.0
2014	17	98.6	99.6	98.0	96.1	0.0	96.5
2015	14	98.9	97.9	97.4	97.0	0.0	96.3

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	572	105.7	104.9	104.5	105.7	103.7	99.6	84.0	105.4
1981	780	105.3	105.1	104.5	105.7	103.5	99.8	85.1	105.4
1982	885	105.6	104.4	104.4	105.2	103.6	99.7	85.5	105.0
1983	1283	105.6	104.0	104.1	104.7	103.1	99.4	85.0	104.7
1984	999	105.4	103.7	103.9	104.4	103.2	99.8	85.8	104.4
1985	1225	105.6	103.7	104.0	104.6	103.1	99.5	85.4	104.5
1986	965	104.6	103.1	103.0	103.9	102.3	99.0	86.2	103.7
1987	837	104.3	103.0	102.8	103.5	102.0	99.8	87.3	103.3
1988	752	104.3	101.9	102.1	102.5	101.6	100.5	87.8	102.5
1989	793	103.8	101.8	101.7	102.1	101.1	100.2	88.2	102.1
1990	709	103.8	101.5	101.8	102.1	101.3	101.0	88.5	102.1
1991	704	103.1	101.0	101.1	101.5	100.7	101.0	88.9	101.4
1992	973	102.6	100.6	100.5	101.0	100.2	101.2	90.0	100.8
1993	787	102.3	100.7	100.4	100.8	100.1	101.2	90.7	100.7
1994	529	102.4	100.2	100.3	100.5	100.1	100.8	90.5	100.4
1995	590	101.9	99.3	99.4	99.5	99.5	100.5	91.1	99.4
1996	461	101.5	99.1	99.1	99.2	99.1	100.5	91.9	99.0
1997	269	101.5	99.4	99.3	99.4	99.2	99.7	92.2	99.4
1998	206	101.3	99.1	99.1	99.0	99.0	99.9	93.1	99.0
1999	201	101.3	99.0	99.0	98.8	98.8	100.4	93.0	98.8
2000	186	100.8	99.0	98.4	98.5	98.2	100.2	94.4	98.3
2001	172	100.8	98.7	98.7	98.4	98.4	99.4	94.8	98.5
2002	153	101.3	98.6	98.8	98.5	98.6	99.9	94.2	98.6
2003	158	101.4	98.3	98.9	98.3	98.9	100.6	94.6	98.5
2004	124	101.6	97.4	98.6	97.7	98.8	101.2	94.7	98.0
2005	112	100.9	97.8	98.2	97.6	98.3	99.5	95.3	97.7
2006	114	100.2	98.4	97.8	97.9	97.9	97.6	94.1	97.7
2007	98	100.5	98.3	97.9	97.9	98.0	97.9	94.2	97.8
2008	79	100.5	98.6	98.3	98.3	98.4	98.3	94.3	98.2
2009	61	100.8	99.3	99.3	99.2	99.3	99.8	95.7	99.2
2010	43	101.3	98.5	99.2	98.7	99.4	99.8	95.3	98.9
2011	43	100.6	98.4	98.6	98.4	99.2	99.0	94.0	98.4

2012	34	100.4	99.2	98.8	98.9	98.9	98.5	93.9	98.8
2013	37	101.1	100.1	100.1	100.3	100.3	99.2	94.6	100.2
2014	35	101.4	100.1	100.4	100.5	100.7	99.7	95.9	100.5
2015	39	100.9	99.9	100.1	99.9	100.4	99.6	96.6	100.0
2016	21	99.5	100.9	100.2	100.4	100.0	98.6	98.3	100.3
2017	19	100.2	101.1	100.6	100.9	100.4	98.4	98.5	100.9
2018	13	100.9	101.6	101.8	101.8	101.5	99.1	99.1	102.0

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	53	99.2	62.6	96.7	102.0	107.2
1981	85	99.4	50.4	95.9	101.3	106.4
1982	92	100.3	48.6	95.7	100.8	105.7
1983	198	99.6	56.7	95.8	101.1	106.0
1984	188	99.6	70.0	95.5	100.4	105.5
1985	230	99.1	67.7	96.1	100.8	105.9
1986	231	99.0	71.0	96.1	100.5	105.4
1987	253	99.3	81.5	95.5	99.6	104.9
1988	232	99.4	88.7	95.1	99.1	104.3
1989	310	98.8	87.5	94.9	99.0	103.4
1990	293	98.7	92.6	95.6	99.7	103.7
1991	320	98.7	92.5	95.4	99.0	102.4
1992	442	98.6	93.3	94.5	97.7	101.5
1993	341	98.4	92.5	94.5	97.4	101.2
1994	230	98.6	93.2	94.5	97.5	100.6
1995	270	98.5	93.5	94.0	96.4	99.4
1996	210	98.7	94.1	94.1	96.2	98.7
1997	120	99.2	93.6	94.3	96.6	99.0
1998	115	99.0	95.7	94.6	97.0	99.2
1999	82	99.2	96.2	95.0	97.1	99.9
2000	77	99.5	96.2	94.7	97.2	99.2
2001	79	99.8	96.6	94.9	96.9	99.1
2002	64	100.4	96.8	93.8	95.8	97.0
2003	70	99.8	96.3	94.3	96.4	98.4
2004	54	100.1	96.6	95.1	96.7	98.6
2005	52	99.8	96.9	94.8	96.3	98.0
2006	51	99.9	98.2	95.5	97.1	98.9
2007	31	100.6	98.5	95.7	96.7	98.8
2008	21	100.6	97.9	96.1	97.2	99.1
2009	23	99.3	99.8	96.2	97.4	99.4
2010	23	100.1	99.0	96.2	97.9	99.6
2011	18	100.8	99.3	96.9	97.5	99.1
2012	13	101.3	97.4	97.8	98.9	100.1
2013	13	100.0	99.7	97.7	99.1	99.9
2014	15	100.9	99.4	99.2	99.3	101.1
2015	13	100.0	99.2	99.5	99.7	100.7

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	140	-289.6	-706.8	-328.6	105.5	105.4	83.4	89.2	99.8	95.0
1981	248	-299.8	-713.6	-348.7	104.7	105.4	84.0	90.2	98.8	33.0
1982	296	-297.6	-710.3	-326.5	104.0	105.0	85.3	90.2	98.4	0.0

1983	539	-305.9	-703.0	-356.7	104.3	104.7	85.1	90.3	99.1	80.0
1984	516	-300.5	-681.4	-350.9	103.7	104.4	85.8	90.7	98.7	68.3
1985	730	-280.1	-693.6	-376.5	104.2	104.5	85.8	90.8	98.8	112.7
1986	667	-273.5	-649.1	-363.9	103.7	103.7	86.6	90.9	98.5	108.6
1987	725	-276.3	-622.1	-400.8	102.9	103.3	86.8	91.0	98.2	97.4
1988	700	-273.2	-590.9	-407.6	102.3	102.5	87.8	91.5	98.2	93.7
1989	730	-266.5	-574.4	-407.5	101.6	102.1	87.9	92.3	98.4	99.1
1990	642	-240.2	-527.4	-388.8	102.3	102.1	89.2	92.5	98.7	97.1
1991	661	-224.3	-466.2	-380.7	101.0	101.4	90.3	92.5	99.2	91.6
1992	919	-226.7	-441.7	-390.2	99.9	100.8	90.6	92.2	99.2	84.2
1993	725	-220.1	-418.8	-367.6	99.5	100.7	90.6	91.9	99.3	80.2
1994	493	-209.3	-391.3	-340.0	99.2	100.4	90.5	92.3	99.7	80.3
1995	541	-202.6	-339.2	-325.6	97.9	99.4	91.4	91.8	99.7	70.5
1996	419	-194.6	-315.2	-313.3	97.4	99.0	91.5	92.2	99.9	70.1
1997	245	-197.0	-327.6	-339.5	97.8	99.4	91.7	92.7	99.2	69.8
1998	193	-192.4	-314.4	-337.3	98.0	99.0	92.4	93.5	98.2	65.1
1999	177	-188.8	-317.9	-325.8	98.5	98.8	92.2	93.6	98.4	61.6
2000	167	-184.2	-288.8	-322.9	98.1	98.3	92.1	93.5	98.1	59.6
2001	155	-169.0	-264.4	-304.3	98.0	98.5	92.8	94.8	98.4	55.9
2002	143	-183.5	-269.6	-357.8	96.1	98.6	92.4	94.2	99.2	57.9
2003	140	-166.4	-238.1	-349.5	97.2	98.5	93.6	95.3	98.7	63.9
2004	110	-157.9	-215.3	-316.4	97.6	98.0	92.9	94.3	98.8	60.1
2005	106	-167.3	-215.8	-327.5	96.9	97.7	93.3	95.0	98.4	62.5
2006	104	-152.4	-199.2	-305.7	97.8	97.7	94.4	95.2	98.4	46.9
2007	85	-135.6	-165.3	-258.0	97.7	97.8	94.0	95.7	98.6	41.8
2008	63	-130.7	-177.9	-248.0	98.1	98.2	94.5	96.0	98.2	29.8
2009	54	-121.1	-184.4	-232.4	98.3	99.2	94.1	96.0	98.6	44.1
2010	34	-109.4	-168.1	-147.9	98.6	98.9	96.0	96.6	98.3	33.8
2011	34	-92.0	-116.4	-138.6	98.2	98.4	95.5	95.6	99.0	34.9
2012	29	-98.5	-139.7	-172.9	99.6	98.8	97.2	95.2	99.7	43.8
2013	24	-81.1	-134.3	-104.1	99.5	100.2	96.2	96.9	99.3	33.2
2014	23	-55.7	-113.7	-69.2	100.3	100.5	98.0	96.1	99.9	27.3
2015	24	-64.7	-121.1	-91.2	100.3	100.0	97.4	97.0	100.4	38.7
2016	13	9.5	7.7	59.5	100.8	100.3	100.0	96.5	101.2	19.5
2017	11	-9.0	-34.0	11.3	101.6	100.9	96.4	98.0	99.9	-4.6

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1986	21	99.5	96.4	101.8	101.4	97.6	101.6	97.7
1987	15	97.2	95.5	99.8	99.4	96.2	101.1	98.2
1988	10	96.7	95.7	99.8	97.8	96.4	100.2	98.5
1989	29	99.2	96.6	101.4	101.0	96.8	101.5	98.1
1990	64	99.7	96.9	101.7	101.5	97.2	101.2	98.1
1991	119	99.6	96.5	101.8	101.5	97.2	100.8	98.9
1992	164	99.7	96.4	102.0	101.7	96.8	100.9	99.0
1993	131	99.4	96.3	101.7	101.4	96.6	100.6	99.4
1994	107	99.5	96.5	101.9	101.4	96.9	100.8	99.0
1995	143	99.2	96.3	101.8	101.2	96.5	100.5	99.2
1996	116	99.3	96.7	101.8	101.1	96.8	100.5	99.2
1997	63	98.4	96.6	101.0	100.3	95.9	100.1	98.4
1998	82	97.7	96.6	100.8	99.4	95.5	99.5	97.0
1999	50	97.1	96.0	100.8	99.1	94.8	98.5	97.0
2000	45	97.9	97.7	100.8	99.0	95.6	99.3	96.7
2001	48	98.6	97.6	101.2	99.9	95.6	100.9	96.6
2002	39	97.9	98.1	100.5	98.9	95.6	100.1	96.5
2003	52	97.7	96.9	100.9	99.6	94.8	99.5	95.9
2004	30	97.5	97.7	99.5	99.3	95.6	98.5	97.0
2005	37	97.4	96.8	100.3	99.1	95.5	99.0	96.8

2006	44	98.0	97.8	100.0	99.4	96.3	99.6	97.7
2007	25	97.6	97.4	99.8	99.0	96.2	98.9	97.6
2008	15	98.3	97.4	100.1	99.8	96.7	99.6	96.9
2009	20	97.5	97.8	99.4	98.2	97.2	98.6	98.8
2010	18	97.9	97.8	99.4	99.3	96.9	98.5	98.7
2011	15	98.8	99.7	98.7	99.4	98.8	98.9	100.1
2014	10	99.6	99.5	99.8	100.1	98.8	99.7	100.1

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	17	96.1	100.5	96.1	100.5	93.3	101.0
1983	21	97.4	101.5	97.4	101.5	94.4	102.0
1984	21	96.6	100.8	96.6	100.8	94.0	101.0
1985	28	96.2	100.2	96.2	100.2	93.6	100.4
1986	49	96.4	99.9	96.4	99.9	93.9	100.0
1987	47	96.2	100.0	96.2	100.0	93.7	100.4
1988	55	95.9	100.3	95.9	100.3	93.6	100.5
1989	62	96.9	100.2	96.9	100.2	94.9	100.3
1990	69	96.8	99.7	96.8	99.7	94.6	99.9
1991	95	98.3	100.1	98.3	100.1	96.8	101.0
1992	118	98.3	100.4	98.3	100.4	96.7	101.3
1993	79	98.1	100.4	98.1	100.4	96.4	101.1
1994	86	98.9	100.5	98.9	100.5	97.4	101.3
1995	81	99.0	99.4	99.0	99.4	97.2	100.0
1996	78	99.2	99.9	99.2	99.9	97.7	101.1
1997	71	99.4	99.3	99.4	99.3	97.3	100.5
1998	72	98.7	99.2	98.7	99.2	96.6	99.9
1999	48	98.8	99.5	98.8	99.5	97.0	99.4
2000	52	99.0	97.3	99.0	97.3	96.9	97.5
2001	46	99.3	98.9	99.3	98.9	98.1	99.7
2002	38	99.1	99.7	99.1	99.7	97.4	100.2
2003	31	98.8	99.9	98.8	99.9	97.4	100.3
2004	34	99.1	99.1	99.1	99.1	97.7	99.1
2005	33	99.3	99.0	99.3	99.0	98.0	99.5
2006	32	99.1	98.9	99.1	98.9	97.5	98.3
2007	19	99.7	99.6	99.7	99.6	98.5	99.8
2008	20	98.1	98.3	98.1	98.3	97.8	99.3
2009	14	98.4	98.9	98.4	98.9	98.0	100.3

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	132	97.1	101.4	103.4	64.7	65.2	64.1
1981	204	96.6	101.9	103.7	72.8	73.2	73.3
1982	217	96.6	102.2	103.7	73.7	74.5	75.0
1983	407	96.9	102.3	103.3	78.6	79.9	80.2
1984	428	96.6	102.9	103.6	87.4	88.9	89.5
1985	571	97.1	102.6	102.8	90.3	93.1	93.0
1986	504	97.3	102.0	102.4	94.9	96.9	96.6
1987	493	96.9	102.5	102.7	93.1	96.5	96.4
1988	500	97.0	102.6	102.2	94.3	99.9	100.6
1989	548	98.0	103.1	101.2	94.7	98.7	99.5
1990	472	98.1	102.0	101.1	94.9	98.8	99.5

1991	415	98.6	100.7	100.4	93.5	97.4	98.0
1992	545	98.4	100.4	100.5	95.0	99.5	100.3
1993	401	97.8	100.8	101.2	93.9	98.5	99.7
1994	205	98.4	100.6	100.8	95.3	97.9	99.0
1995	231	98.4	100.5	101.0	95.1	97.8	99.0
1996	157	98.6	99.7	100.7	95.4	97.7	99.2
1997	106	98.2	101.2	101.5	93.7	96.9	97.7
1998	94	97.4	101.4	102.6	92.6	95.8	96.4
1999	75	98.0	101.8	102.1	95.5	98.5	100.3
2000	69	96.9	101.2	103.5	94.3	97.2	98.2
2001	60	96.3	101.8	104.3	96.3	98.8	100.1
2002	55	97.5	101.4	102.8	94.4	98.1	97.8
2003	52	98.2	101.5	101.9	94.6	97.0	97.6
2004	37	97.2	101.8	103.1	97.7	99.4	99.0
2005	34	97.0	101.8	103.5	96.6	98.9	100.2
2006	52	96.6	101.6	103.4	96.5	98.6	101.0
2007	31	97.4	101.6	103.0	97.0	99.4	100.6
2008	34	96.0	102.2	104.1	97.3	99.6	99.8
2009	21	96.6	101.3	103.2	96.9	98.0	99.4
2010	19	96.9	101.1	103.3	97.6	99.4	99.8
2011	23	97.9	101.9	101.6	98.3	99.3	98.9
2013	14	98.6	101.2	101.6	99.5	99.4	98.9
2014	16	97.9	101.8	102.2	99.6	98.4	99.2
2015	17	97.5	102.1	102.8	93.1	93.1	94.4

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	22	106.4	116.0	93.1	102.2	114.6	95.5	105.1	96.2	114.1	96.6	103.6
1981	29	107.5	117.1	91.6	103.4	115.2	94.8	105.9	97.3	114.3	95.7	104.3
1982	30	106.3	115.2	93.4	103.5	111.8	96.3	104.9	97.5	112.1	97.6	104.1
1983	59	105.9	115.3	93.4	102.7	112.4	96.3	104.5	97.5	112.9	97.3	103.5
1984	65	105.6	114.3	93.2	102.5	111.2	95.9	104.3	97.7	111.6	97.0	103.2
1985	96	105.7	114.5	93.7	102.3	112.1	96.0	104.4	97.6	112.2	97.2	103.0
1986	115	105.3	113.1	93.9	101.8	110.9	96.0	104.1	97.7	111.0	97.1	103.0
1987	131	105.1	112.8	94.2	101.9	110.4	96.3	103.9	98.0	110.7	97.3	102.7
1988	137	104.4	111.1	95.3	101.5	108.8	96.9	103.4	98.5	109.1	97.8	102.0
1989	166	103.9	111.0	95.0	100.6	109.1	96.5	102.8	98.2	109.7	97.2	101.7
1990	159	103.4	109.2	95.9	99.9	108.2	96.1	102.7	97.9	108.2	97.8	100.8
1991	198	103.1	107.7	97.7	100.3	106.8	97.4	102.7	97.8	106.9	98.6	101.8
1992	304	103.0	107.3	97.6	100.5	105.9	97.5	102.6	98.3	106.4	98.5	101.7
1993	241	103.3	107.2	98.0	100.9	105.9	97.7	103.0	98.5	106.3	98.6	102.4
1994	168	103.0	106.5	98.7	100.2	105.8	97.7	102.7	98.3	106.0	98.9	102.0
1995	219	103.1	105.8	99.3	100.5	105.1	98.2	102.6	98.9	105.5	98.8	102.5
1996	197	102.7	105.2	99.5	100.5	104.4	98.5	102.6	98.7	104.9	99.0	102.3
1997	132	102.2	105.1	98.8	99.9	104.2	98.2	101.9	98.9	104.8	98.6	101.3
1998	118	101.7	104.1	99.6	99.4	103.7	98.4	101.3	99.1	104.5	99.1	100.9
1999	111	102.0	104.8	99.1	100.1	104.0	98.6	101.6	99.2	104.7	99.3	101.2
2000	107	101.9	104.3	99.2	100.0	103.9	98.5	101.5	99.1	104.3	99.3	100.8
2001	119	101.7	103.5	99.4	99.7	103.1	98.9	101.4	99.6	103.8	99.7	100.9
2002	113	101.8	103.8	98.9	99.5	103.4	99.1	101.2	100.0	103.7	99.8	100.2
2003	119	101.1	102.8	99.4	98.9	102.4	99.6	100.7	99.4	103.4	99.6	100.3
2004	102	101.0	102.2	99.7	99.2	101.9	99.4	100.7	99.9	102.9	99.6	100.0
2005	90	100.6	103.1	99.2	99.7	102.1	99.7	100.3	99.3	103.0	99.7	99.7
2006	97	100.7	103.7	98.7	100.3	102.1	100.1	100.0	99.9	103.5	99.6	100.1
2007	80	100.8	103.1	98.8	100.3	101.9	99.7	100.6	99.4	102.9	99.5	100.1
2008	61	101.0	104.1	98.4	100.9	102.3	99.7	100.7	99.2	103.5	99.2	100.5
2009	47	100.2	103.4	98.0	100.3	101.5	100.0	100.0	99.4	102.8	99.8	99.6
2010	33	101.0	104.0	97.6	100.2	102.6	99.1	100.8	99.1	103.5	99.3	99.8



2011	36	100.2	104.1	97.8	99.2	102.8	98.7	100.5	98.1	103.4	99.1	98.3
2012	28	100.2	103.3	98.9	98.9	102.2	98.6	100.7	97.7	102.4	99.6	98.1
2013	27	100.7	104.6	97.9	100.3	103.0	99.2	101.1	97.7	103.3	99.7	99.4
2014	21	100.8	103.2	98.6	99.3	102.5	98.8	101.5	97.2	102.7	100.1	99.3
2015	21	101.0	102.7	98.0	99.0	102.5	98.5	101.6	98.2	101.9	99.5	98.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	11	98.4	99.5	98.5
1983	15	98.7	99.7	98.7
1984	18	98.2	99.7	98.2
1985	25	97.9	99.5	98.0
1986	37	97.3	98.8	98.4
1987	42	97.8	99.4	98.5
1988	45	98.2	99.7	98.6
1989	52	97.8	99.6	98.4
1990	54	97.9	99.4	98.6
1991	90	98.9	100.4	98.6
1992	106	98.8	100.5	99.0
1993	69	98.6	100.4	98.8
1994	75	98.6	100.4	98.6
1995	68	99.3	100.6	99.0
1996	75	99.6	100.9	99.1
1997	68	99.9	100.8	99.7
1998	70	99.4	100.4	99.4
1999	51	99.5	100.0	100.1
2000	51	99.7	100.2	99.9
2001	45	99.5	99.9	99.8
2002	37	99.7	100.6	99.7
2003	32	99.8	100.3	99.9
2004	33	99.8	100.5	99.3
2005	32	100.3	101.0	100.0
2006	33	98.7	99.5	99.6
2007	19	99.3	100.1	99.6
2008	22	98.8	99.9	99.0
2009	23	98.6	99.4	99.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	155	-2827.7	-11347.9	-476.5	-407.7
2002	143	-3119.1	-12712.4	-523.1	-450.3
2003	139	-2976.6	-12048.0	-500.8	-429.1
2004	109	-2725.0	-10752.5	-461.8	-392.2
2005	107	-2806.6	-11061.2	-478.1	-402.7
2006	104	-2638.3	-10576.1	-450.2	-377.3
2007	84	-2262.2	-8926.5	-390.6	-321.8
2008	63	-2251.8	-8680.2	-385.5	-322.5
2009	54	-2169.5	-8388.3	-378.4	-307.0
2010	36	-1657.8	-6003.7	-293.6	-233.6
2011	36	-1424.5	-5107.9	-246.4	-203.7
2012	30	-1715.7	-6661.3	-293.3	-245.6
2013	27	-1339.7	-5460.0	-219.2	-195.9

2014	27	-1029.1	-3698.2	-184.3	-144.1
2015	26	-1164.7	-4345.6	-203.3	-165.1
2016	13	295.5	788.4	70.5	33.3
2017	11	-154.6	-1117.2	-17.0	-25.2

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

Jaar	Aantal	Eff	Int	Gewen
1985	12	98.2	92.0	102.5
1986	19	97.6	91.2	102.7
1987	20	97.1	91.8	102.5
1988	24	97.5	91.3	102.5
1989	20	97.2	91.2	102.9
1990	25	97.4	90.0	103.0
1991	56	97.9	90.6	100.3
1992	62	97.8	91.4	100.0
1993	30	97.9	91.9	99.8
1994	34	98.2	91.4	100.9
1995	39	98.2	91.6	100.5
1996	24	98.2	92.8	100.3
1997	21	98.6	90.8	100.1
1998	16	97.8	90.7	101.6
1999	16	97.9	91.7	100.8
2000	16	98.2	91.2	101.9
2001	16	99.3	90.8	102.8
2002	11	99.2	91.1	100.1
2003	14	99.4	90.9	100.3
2005	10	99.7	91.2	101.2
2006	10	100.2	93.5	101.3
2007	14	99.7	92.6	100.6
2009	10	99.0	94.6	100.0

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

Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	140	98.8	97.3	1	-4.9	95.0	0	0.0
1981	248	97.6	97.0	1	-3.4	33.0	0	0.0
1982	296	97.9	97.8	0	0.0	0.0	0	0.0
1983	539	97.8	97.3	1	-3.4	80.0	0	0.0
1984	516	98.0	97.4	3	-4.5	68.3	0	0.0
1985	730	97.9	97.1	731	-6.4	112.7	0	0.0
1986	667	98.2	97.5	667	-6.0	108.6	0	0.0
1987	725	97.8	97.2	726	-5.7	97.4	0	0.0
1988	700	97.7	97.0	700	-5.4	93.7	0	0.0
1989	730	97.5	97.8	730	-5.4	99.1	0	0.0
1990	642	98.1	98.0	642	-5.0	97.1	0	0.0
1991	661	98.3	98.7	662	-4.5	91.6	0	0.0
1992	919	97.8	98.6	919	-4.2	84.2	0	0.0
1993	725	97.8	98.8	726	-4.0	80.2	0	0.0
1994	493	98.3	99.2	493	-3.8	80.3	0	0.0
1995	541	98.3	99.7	541	-3.3	70.5	0	0.0
1996	419	98.6	99.8	420	-3.1	70.1	0	0.0
1997	245	98.3	98.8	245	-3.2	69.8	0	0.0

1998	193	98.6	98.4	193	-3.1	65.1	0	0.0
1999	177	98.5	98.1	176	-3.0	61.6	0	0.0
2000	167	99.3	97.9	167	-2.8	59.6	0	0.0
2001	155	99.2	98.2	155	-2.6	55.9	78	94.6
2002	143	99.0	97.7	143	-2.7	57.9	64	93.9
2003	140	98.7	97.6	140	-2.6	63.9	69	93.7
2004	110	99.6	97.4	111	-2.3	60.1	54	93.8
2005	106	98.8	97.6	107	-2.4	62.5	52	94.5
2006	104	99.7	97.8	105	-2.0	46.9	52	96.3
2007	85	99.6	98.3	85	-1.7	41.8	32	96.5
2008	63	98.9	97.9	63	-1.6	29.8	21	98.4
2009	54	99.5	98.2	54	-1.9	44.1	23	96.0
2010	34	100.1	98.0	36	-1.7	33.8	23	97.7
2011	34	101.3	97.5	36	-1.2	34.9	20	95.4
2012	29	102.1	99.2	30	-1.6	43.8	14	97.1
2013	24	101.1	98.2	27	-1.5	33.2	14	99.5
2014	23	101.0	98.2	27	-1.3	27.3	17	98.6
2015	24	100.3	98.5	27	-1.4	38.7	14	97.4
2016	13	102.9	98.8	13	-0.2	19.5	6	98.8
2017	11	103.5	100.1	11	-0.1	-4.6	5	102.4

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	11	99.6	1	97.0	1	96.0	11	99.0
1982	17	99.9	1	99.0	1	99.0	17	99.2
1983	30	100.1	0	0.0	0	0.0	30	99.4
1984	25	100.0	0	0.0	0	0.0	25	98.5
1985	40	100.0	1	99.0	1	99.0	40	99.4
1986	61	99.6	3	102.0	3	97.0	61	99.2
1987	64	100.0	2	102.5	2	97.5	64	99.5
1988	64	100.0	1	99.0	0	0.0	64	98.8
1989	85	99.5	3	99.0	3	101.3	85	98.8
1990	84	99.0	3	98.0	3	97.3	84	98.6
1991	109	99.9	26	101.8	26	99.4	109	97.2
1992	161	100.1	16	102.0	16	99.6	161	97.9
1993	121	100.4	9	101.2	9	99.0	121	97.7
1994	86	100.1	7	100.6	7	100.0	86	97.1
1995	114	100.4	10	98.6	10	99.0	114	96.8
1996	90	100.6	6	98.0	6	99.2	90	96.7
1997	66	99.8	4	97.2	4	98.5	66	96.7
1998	56	99.2	0	0.0	0	0.0	56	96.8
1999	49	99.2	5	100.6	5	99.6	49	96.9
2000	48	99.0	1	97.0	1	96.0	48	96.4
2001	53	99.5	1	102.0	0	0.0	53	97.3
2002	48	99.4	1	100.0	1	99.0	48	96.5
2003	51	99.2	1	101.0	1	98.0	51	95.1
2004	47	98.9	0	0.0	0	0.0	47	96.3
2005	41	99.3	1	97.0	1	100.0	41	95.9
2006	48	99.6	0	0.0	0	0.0	48	97.4
2007	40	99.4	0	0.0	0	0.0	40	96.7
2008	40	99.5	0	0.0	0	0.0	40	95.7
2009	40	100.0	0	0.0	0	0.0	40	97.5
2010	33	100.1	0	0.0	0	0.0	33	96.6
2011	34	99.9	0	0.0	0	0.0	34	98.6
2012	28	100.4	0	0.0	0	0.0	28	99.0
2013	23	99.8	0	0.0	0	0.0	23	99.2
2014	22	100.3	0	0.0	0	0.0	22	99.1
2015	23	100.4	0	0.0	0	0.0	23	99.9

2016	13	100.2	0	0.0	0	0.0	13	100.5
2017	10	100.8	0	0.0	0	0.0	10	103.6

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-1363.8	-51.5	-59.6	-68.9	18.2	-18.3	-12.0	-373.2
1981	16	-1260.7	-46.7	-57.2	-64.3	18.8	-20.4	-12.2	-351.9
1982	14	-1179.0	-44.3	-54.3	-60.6	15.9	-20.4	-11.9	-333.8
1983	20	-1168.7	-40.6	-54.2	-60.0	21.7	-21.1	-11.8	-325.6
1984	17	-1178.3	-43.9	-55.1	-60.5	16.6	-21.9	-12.0	-336.1
1985	21	-1070.1	-41.0	-52.5	-55.5	12.8	-23.8	-11.7	-317.9
1986	15	-917.7	-29.3	-46.0	-48.6	21.7	-21.9	-11.5	-264.7
1987	20	-925.9	-32.6	-44.1	-48.9	16.0	-17.8	-11.3	-263.9
1988	20	-1029.7	-36.9	-49.6	-53.6	16.8	-21.4	-11.6	-296.9
1989	18	-997.9	-38.1	-46.8	-52.2	11.8	-17.9	-11.7	-287.7
1990	18	-811.5	-29.2	-42.9	-43.7	12.6	-23.1	-11.3	-250.3
1991	20	-907.1	-36.1	-45.7	-48.0	7.9	-21.7	-11.4	-277.6
1992	14	-788.1	-27.7	-41.6	-42.5	13.3	-22.0	-11.1	-241.5
1993	19	-605.9	-23.4	-32.2	-34.4	7.1	-16.3	-11.2	-191.6
1994	12	-493.8	-11.5	-30.7	-29.2	18.6	-20.1	-11.1	-158.8
1995	21	-522.4	-16.1	-34.2	-30.5	12.6	-25.0	-11.0	-183.3
1996	14	-851.0	-38.8	-41.1	-45.4	-1.8	-17.0	-11.1	-263.8
1997	10	-712.5	-31.0	-37.3	-39.3	1.4	-18.5	-11.5	-229.7
2001	16	-554.2	-21.6	-30.8	-29.6	6.3	-16.8	-6.9	-180.4
2003	14	-595.4	-21.4	-32.4	-32.1	9.4	-17.9	-8.0	-187.5

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	16	91.6	90.3	92.7	95.2	100.7	86.6	99.9
1981	18	90.8	91.3	92.7	94.4	101.7	87.3	100.2
1982	15	91.1	90.6	92.3	94.7	101.5	87.7	98.9
1983	18	91.2	90.1	92.8	95.2	100.4	86.7	98.6
1984	17	91.5	90.6	93.0	95.0	100.7	86.8	99.9
1985	20	92.5	90.8	93.5	96.0	100.2	86.1	100.7
1986	15	92.9	89.4	92.5	95.3	99.8	86.7	98.1
1987	15	91.2	90.9	93.2	95.4	100.7	85.4	98.6
1988	17	92.5	91.1	93.8	95.6	100.6	86.1	101.1
1989	13	92.8	90.3	93.7	96.2	99.8	85.5	99.4
1990	14	93.3	90.2	93.7	96.4	99.8	87.0	100.2
1991	16	92.2	90.3	93.9	96.1	99.3	86.2	100.0
1993	14	91.6	90.0	93.9	96.7	98.7	85.2	99.6
1995	12	92.6	89.9	94.0	96.8	99.2	85.9	100.5
1996	10	94.0	90.0	94.3	96.9	99.1	87.1	100.4
2001	10	94.5	89.9	94.6	98.0	98.1	86.9	100.2

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	16	93.3	98.7	98.8	89.6	91.4
1981	18	92.8	97.7	98.9	88.9	90.5
1982	15	93.8	98.5	98.4	89.2	91.8
1983	18	92.6	99.8	97.9	89.4	90.8
1984	17	93.9	99.6	97.3	89.5	91.8
1985	20	94.0	99.2	98.1	89.6	91.8
1986	15	93.4	97.5	99.3	89.8	91.2
1987	15	92.7	99.0	98.7	89.1	90.5
1988	17	94.4	98.2	98.7	89.9	92.3
1989	13	94.7	99.0	97.7	89.9	92.8
1990	14	95.5	98.9	99.1	91.1	93.6
1991	16	94.1	99.2	98.1	89.6	92.4
1993	14	94.8	99.6	98.4	90.3	93.3
1995	12	94.9	100.0	97.7	90.2	93.2
1996	10	94.8	99.9	97.7	90.5	93.7
2001	10	95.8	99.5	97.2	90.8	94.5

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	16	98.5	97.8	99.8	101.1	95.6	98.1	96.8
1981	18	97.5	96.3	99.6	99.9	95.5	97.6	96.1
1982	15	98.5	97.4	99.2	100.8	95.6	97.7	96.4
1983	18	98.4	96.4	99.3	100.2	96.3	97.3	96.0
1984	17	99.1	96.6	98.9	100.7	96.8	98.3	96.8
1985	20	98.7	97.6	99.0	100.8	96.2	97.8	96.8
1986	15	99.7	97.9	98.7	102.5	97.3	98.1	96.9
1987	15	99.3	98.9	98.5	101.1	98.0	99.3	98.1
1988	17	99.1	98.6	99.9	101.9	96.5	98.6	97.8
1989	13	99.8	98.9	99.7	101.8	97.1	98.8	98.4
1990	14	99.8	100.0	98.0	101.9	98.0	100.0	99.0
1991	16	99.4	98.4	99.4	100.9	97.5	98.9	97.6
1993	14	98.8	99.9	97.6	100.5	97.7	100.8	99.6
1995	12	99.0	99.4	98.8	100.3	97.8	99.5	98.8
1996	10	99.2	98.7	99.4	100.4	98.4	99.5	97.5
2001	10	100.7	101.8	96.4	103.1	98.8	101.0	99.8

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	16	87.1	94.4	98.3	91.0	99.4	89.8
1981	18	88.1	95.2	97.3	89.9	100.4	89.0
1982	15	87.2	94.4	98.1	91.3	99.6	89.7
1983	18	86.6	93.9	98.1	90.5	98.6	89.1
1984	17	87.6	94.6	98.8	91.6	99.2	90.4
1985	20	87.9	95.5	98.3	91.4	98.8	90.2
1986	15	85.8	93.1	99.8	90.9	97.7	89.8
1987	15	86.1	94.8	99.7	90.3	98.6	89.7

1988	17	88.2	95.8	99.0	91.9	99.6	91.1
1989	13	86.6	94.8	99.4	92.3	98.0	90.8
1990	14	87.9	95.0	100.2	93.4	98.4	92.2
1991	16	87.4	94.6	99.4	92.3	98.2	90.9
1993	14	86.8	94.4	99.1	93.1	97.1	91.1
1995	12	87.2	94.8	99.0	93.0	97.3	91.0
1996	10	88.2	95.0	99.7	93.3	97.7	91.9
2001	10	87.8	95.1	101.3	94.0	97.1	93.2

Tabel: 59 Fries Hollands - zwartbont: Vruchtbaarheidsskenmerken  
Basis: Dubbeloel  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	19	102.7	100.5	100.3	100.6	100.8	99.1	89.7	100.5
1981	23	102.7	100.3	100.2	100.3	100.6	98.3	91.1	100.2
1982	20	102.2	100.4	100.3	100.3	100.3	98.5	91.7	100.3
1983	24	101.9	100.2	99.7	100.0	99.9	98.8	91.2	99.9
1984	20	102.5	98.8	99.2	98.9	100.0	98.5	90.8	99.0
1985	21	101.3	100.4	99.7	100.0	99.7	98.1	92.4	99.9
1986	17	102.1	100.3	100.7	100.4	100.8	98.6	93.6	100.6
1987	22	101.0	99.6	99.0	99.3	99.0	96.9	91.4	99.0
1988	21	101.8	99.6	99.6	99.6	99.6	97.8	91.3	99.5
1989	18	101.8	99.4	99.4	99.4	100.0	99.1	91.7	99.3
1990	19	101.5	99.2	99.3	99.0	99.7	98.2	91.6	99.1
1991	21	101.4	98.9	98.8	98.6	99.3	97.8	91.7	98.6
1992	16	101.1	100.3	99.9	99.7	99.8	98.3	92.8	99.8
1993	19	101.3	98.7	98.6	98.4	99.2	98.0	91.6	98.4
1994	12	101.2	99.8	99.6	99.6	99.8	97.8	92.0	99.5
1995	21	100.8	98.9	98.3	98.3	98.8	97.8	91.7	98.2
1996	18	102.3	99.4	100.2	99.7	100.7	99.6	92.5	99.9
1997	10	100.1	99.1	98.0	98.3	98.2	96.7	90.5	98.0
2001	19	101.9	98.8	99.4	99.1	100.2	98.5	91.9	99.3
2002	12	100.6	99.8	99.6	99.4	99.5	97.9	94.4	99.5
2003	17	101.2	99.6	99.4	99.5	99.8	98.1	91.8	99.5
2004	12	102.1	99.4	99.8	99.7	100.6	98.9	92.9	99.8
2005	12	100.9	99.8	99.1	99.3	99.4	98.0	93.1	99.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	13	-173.8	-373.2	-88.0	106.8	100.5	98.3	91.0	98.9	0.0
1981	16	-172.0	-351.9	-193.5	106.6	100.2	97.3	89.9	99.4	0.0
1982	14	-165.1	-333.8	-224.7	105.9	100.3	98.1	91.3	98.5	0.0
1983	20	-182.8	-325.6	-237.6	105.5	99.9	98.1	90.5	98.2	0.0
1984	17	-188.2	-336.1	-332.4	104.9	99.0	98.8	91.6	98.4	0.0
1985	21	-191.1	-317.9	-429.4	104.5	99.9	98.3	91.4	98.4	111.5
1986	15	-135.7	-264.7	-210.5	106.6	100.6	99.8	90.9	97.8	109.1
1987	20	-172.5	-263.9	-425.3	105.0	99.0	99.7	90.3	98.4	105.9
1988	20	-177.7	-296.9	-402.3	105.3	99.5	99.0	91.9	99.1	106.5
1989	18	-185.8	-287.7	-411.8	102.2	99.3	99.4	92.3	99.0	99.1
1990	18	-152.2	-250.3	-309.3	103.8	99.1	100.2	93.4	100.6	89.4
1991	20	-164.3	-277.6	-358.5	104.4	98.6	99.4	92.3	99.2	113.9
1992	14	-160.0	-241.5	-373.1	103.2	99.8	100.4	92.3	98.8	91.6
1993	19	-148.5	-191.6	-332.4	102.9	98.4	99.1	93.1	99.1	102.3
1994	12	-114.7	-158.8	-318.4	104.2	99.5	100.2	92.9	99.0	88.1

1995	21	-122.1	-183.3	-266.3	103.3	98.2	99.0	93.0	99.8	74.7
1996	14	-158.6	-263.8	-299.8	102.1	99.9	99.7	93.3	99.3	116.2
1997	10	-138.3	-229.7	-193.5	102.8	98.0	99.0	93.6	99.7	89.3
2001	16	-108.8	-180.4	-205.6	102.2	99.3	101.3	94.0	99.6	86.3
2003	14	-92.6	-187.5	-227.9	103.0	99.5	101.5	94.3	99.7	77.1

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	11	102.0	97.6	102.0	97.6	93.5	97.4
1981	14	102.0	97.7	102.0	97.7	93.7	97.5
1982	11	102.0	96.8	102.0	96.8	94.1	97.4
1983	14	102.0	96.7	102.0	96.7	93.9	96.8
1984	11	102.2	97.2	102.2	97.2	94.4	97.4
1985	14	102.4	97.1	102.4	97.1	94.2	96.6
1986	13	102.2	96.0	102.2	96.0	93.8	96.5
1987	16	102.2	96.3	102.2	96.3	94.4	97.5
1988	15	103.3	96.9	103.3	96.9	95.1	97.6
1989	15	102.9	97.1	102.9	97.1	95.8	97.1
1990	13	103.6	98.1	103.6	98.1	95.4	98.2
1991	14	103.1	97.4	103.1	97.4	95.3	97.0
1992	12	102.8	97.1	102.8	97.1	94.9	97.1
1993	16	102.9	97.0	102.9	97.0	95.3	97.8
1994	12	103.3	96.7	103.3	96.7	96.0	97.3
1995	13	103.2	97.5	103.2	97.5	95.4	97.1
1996	14	103.3	97.0	103.3	97.0	95.4	96.7
2001	15	103.1	97.4	103.1	97.4	95.5	96.9
2003	10	103.2	97.4	103.2	97.4	95.9	97.3

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	14	101.1	98.3	100.0	70.9	72.5	69.5
1981	18	101.0	98.0	100.1	61.6	61.2	59.6
1982	16	100.2	98.9	100.7	68.6	68.5	67.2
1983	16	101.2	98.3	99.9	68.2	69.1	67.6
1984	13	100.6	98.4	100.6	61.3	60.9	59.9
1985	16	100.4	98.1	100.8	74.2	75.3	74.0
1986	14	99.8	98.1	101.4	70.4	71.9	70.7
1987	13	100.3	97.8	100.7	69.6	69.5	67.6
1988	15	101.1	98.3	100.0	66.5	67.6	64.9
1989	13	100.3	99.2	101.0	61.0	62.1	61.2
1990	10	103.0	98.3	98.3	90.9	90.5	87.7
1992	10	100.3	98.9	101.3	69.4	70.8	69.2
1993	13	100.5	98.8	100.7	54.2	54.5	53.7
1995	13	100.7	97.2	100.5	53.9	53.9	52.2
2001	12	101.4	97.9	99.8	67.7	66.7	65.9
2003	10	101.6	97.6	99.8	20.0	19.8	19.7

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	15	99.9	99.1	96.5	95.1	105.9	95.3	100.8	94.4	104.6	93.8	95.7
1981	20	100.5	100.5	96.5	95.7	106.8	95.5	101.2	94.5	105.8	93.5	96.7
1982	17	101.1	99.6	96.7	95.9	106.2	95.1	102.1	94.9	104.7	94.2	96.8
1983	21	99.0	98.8	96.9	95.1	104.7	95.9	100.0	94.5	104.0	94.3	95.1
1984	17	99.4	99.4	96.4	94.9	105.5	96.0	99.7	95.4	104.5	94.2	95.3
1985	21	99.5	98.5	96.5	95.0	104.8	95.6	100.5	95.0	103.8	94.2	95.6
1986	17	99.5	97.6	98.4	94.3	104.8	96.2	100.1	95.9	103.5	94.8	94.9
1987	22	99.4	98.1	97.4	94.6	104.9	95.7	99.9	95.6	104.1	94.0	95.9
1988	20	98.2	97.7	96.6	95.0	102.9	96.4	99.0	95.3	102.8	94.2	94.8
1989	18	98.3	97.5	95.8	95.0	103.6	96.4	99.1	95.3	102.7	95.1	94.2
1990	18	97.8	98.1	97.7	95.0	103.0	98.0	98.3	95.0	103.2	95.5	94.7
1991	21	99.1	97.9	97.2	94.7	104.4	96.4	99.9	95.0	103.5	94.9	95.0
1992	14	97.7	97.2	97.4	94.9	102.3	97.7	98.6	95.6	102.4	95.1	94.5
1993	19	97.6	97.3	98.0	93.7	103.3	97.7	97.7	95.9	103.3	95.7	93.9
1994	12	98.4	99.9	97.0	95.8	104.8	97.8	98.4	95.5	105.0	95.8	95.2
1995	20	98.4	98.0	98.0	94.3	104.5	97.3	99.2	94.6	103.8	96.1	94.8
1996	17	97.2	95.6	97.5	93.8	101.6	97.8	98.0	95.4	101.5	94.8	94.2
1997	10	98.3	97.7	98.2	94.7	103.5	98.1	98.9	94.8	103.1	96.3	94.9
2001	17	97.0	96.8	97.2	94.6	101.8	97.9	98.4	94.1	101.8	95.3	94.5
2002	12	97.2	95.5	99.8	93.1	102.2	98.2	97.7	96.0	102.1	95.8	93.9
2003	16	96.6	96.5	97.1	94.3	101.9	97.9	97.5	94.9	101.8	95.2	93.7
2004	11	97.2	95.7	97.5	94.4	100.8	97.6	97.9	96.3	101.3	95.4	94.2
2005	11	98.2	98.7	97.5	94.8	103.5	97.2	98.3	95.7	103.7	95.2	94.8

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	10	98.1	97.5	100.2
1981	13	98.0	97.2	100.2
1982	14	98.1	97.3	100.4
1983	16	98.6	97.8	100.8
1984	12	98.1	97.1	100.2
1985	14	98.8	98.2	100.8
1986	14	99.6	98.9	100.3
1987	16	98.9	98.0	100.9
1988	14	98.9	98.3	100.9
1989	15	99.4	98.5	100.9
1990	14	99.0	98.2	100.5
1991	14	99.1	98.2	101.0
1992	13	98.5	97.7	100.6
1993	19	99.4	98.6	100.5
1994	12	99.1	98.3	100.6
1995	17	99.8	99.2	100.8
1996	17	100.1	99.3	100.4
1997	10	99.4	98.4	101.2
2001	18	99.8	98.8	100.6
2002	10	100.4	99.3	101.1
2003	15	100.3	99.4	100.8
2004	10	100.3	99.1	100.6



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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17	-2122.5	-8381.1	-330.5	-320.5
2002	11	-2064.9	-7945.8	-314.1	-315.8
2003	14	-2235.9	-8731.8	-351.1	-336.4

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	13	99.8	101.8	0	0.0	0.0	0	0.0
1981	16	99.9	101.0	0	0.0	0.0	0	0.0
1982	14	100.4	101.2	0	0.0	0.0	0	0.0
1983	20	99.9	101.8	0	0.0	0.0	0	0.0
1984	17	100.7	100.5	0	0.0	0.0	0	0.0
1985	21	100.1	101.5	21	-3.7	111.5	0	0.0
1986	15	100.5	101.2	17	-3.4	109.1	0	0.0
1987	20	102.2	101.3	21	-3.4	105.9	0	0.0
1988	20	100.5	101.2	21	-3.5	106.5	0	0.0
1989	18	99.2	100.4	18	-3.4	99.1	0	0.0
1990	18	100.3	100.2	19	-2.9	89.4	0	0.0
1991	20	100.1	100.3	21	-3.5	113.9	0	0.0
1992	14	99.9	99.9	15	-2.9	91.6	0	0.0
1993	19	101.0	100.7	19	-2.8	102.3	0	0.0
1994	12	100.8	100.5	12	-2.3	88.1	0	0.0
1995	21	102.5	101.0	21	-2.2	74.7	0	0.0
1996	14	99.1	99.4	17	-3.5	116.2	0	0.0
1997	10	101.8	100.1	10	-2.9	89.3	0	0.0
2001	16	101.0	100.2	18	-2.6	86.3	9	89.1
2002	0	102.0	99.3	12	-2.1	81.2	8	90.6
2003	14	100.2	100.7	15	-2.5	77.1	5	93.0
2004	0	100.0	100.7	10	-2.5	73.4	4	92.2
2005	0	101.0	100.8	11	-2.7	78.0	4	92.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	10	100.0	0	0.0	0	0.0	10	96.6
2001	10	100.0	0	0.0	0	0.0	10	97.8

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1981	16	-1653.6	-71.4	-67.0	-82.2	4.6	-12.6	-12.9	-449.2
1982	16	-1327.3	-56.2	-54.5	-67.4	6.0	-10.3	-12.2	-361.9
1984	25	-1464.8	-61.8	-60.3	-73.6	7.0	-12.4	-12.4	-399.0

1985	16	-1409.7	-60.7	-58.6	-71.1	5.1	-13.2	-12.6	-389.1
1986	20	-1222.9	-50.4	-50.6	-62.5	8.4	-10.6	-12.1	-332.4
1987	22	-1115.5	-48.0	-50.2	-57.6	3.0	-17.0	-11.9	-324.2
1989	14	-1286.4	-54.5	-52.0	-65.4	5.6	-8.6	-12.1	-347.4
1990	13	-1006.2	-34.7	-40.8	-52.6	19.3	-6.1	-11.8	-256.2
1991	17	-886.2	-34.2	-39.5	-47.2	9.8	-12.2	-11.5	-248.1
1992	20	-1103.5	-42.4	-44.8	-57.0	13.9	-7.2	-11.9	-289.6
1993	20	-890.4	-39.2	-38.4	-47.4	2.1	-9.7	-11.5	-253.9
1994	17	-758.2	-30.5	-35.8	-41.3	5.6	-13.2	-11.5	-223.5
1995	11	-831.2	-37.8	-36.6	-44.6	-1.9	-10.2	-11.3	-243.2
1996	14	-547.2	-24.2	-28.6	-31.7	1.9	-13.6	-11.1	-177.5
1997	17	-626.8	-27.0	-31.6	-35.4	2.1	-14.2	-11.2	-197.2
1998	16	-467.5	-24.8	-20.9	-28.1	-5.7	-6.4	-10.9	-146.4
1999	31	-521.9	-20.5	-22.6	-30.5	5.1	-5.5	-10.9	-144.9
2000	20	-375.3	-16.1	-18.9	-24.1	1.3	-8.3	-11.2	-118.5
2001	20	-248.8	-18.2	-15.2	-11.9	-11.2	-9.5	-0.9	-104.0
2002	18	-280.4	-14.8	-14.4	-13.4	-2.2	-5.8	-0.7	-94.0
2003	16	-286.2	-19.6	-16.0	-14.1	-10.3	-8.3	-1.4	-110.9
2004	19	-445.8	-23.7	-20.4	-19.3	-6.1	-6.1	2.2	-139.4
2005	27	-428.7	-18.9	-16.7	-18.6	1.3	-1.1	2.4	-113.9
2006	18	-396.6	-22.7	-16.5	-16.2	-7.5	-2.8	3.6	-120.2
2007	19	-192.2	-10.3	-8.1	-7.0	-2.6	-1.5	2.9	-57.0
2008	12	-141.4	-5.1	-6.2	-7.0	2.8	-1.3	-0.7	-37.9
2009	15	37.9	0.4	0.9	2.5	-1.5	-0.3	1.3	5.5

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	10	90.0	97.3	92.5	90.3	106.8	99.1	98.1
1981	19	91.9	98.3	94.8	92.7	105.4	99.3	98.9
1982	17	91.8	99.1	95.9	93.2	105.6	99.5	99.6
1984	27	92.7	97.6	95.4	93.6	104.0	99.9	98.6
1985	14	93.4	97.8	96.1	94.0	103.9	99.2	99.1
1986	17	93.2	98.2	95.4	94.0	103.2	99.0	97.9
1987	20	94.4	98.0	96.0	94.3	103.8	99.2	99.0
1989	11	93.0	100.3	98.0	94.7	105.4	98.6	99.5
1990	12	93.8	97.2	96.3	94.1	103.2	100.4	99.9
1991	13	94.0	96.8	96.5	94.4	102.5	99.9	98.7
1992	12	96.1	99.1	99.2	96.2	103.3	99.3	100.3
1993	18	95.8	98.4	97.2	95.8	102.9	98.0	98.2
1994	12	94.8	98.8	97.8	96.1	102.3	96.9	99.8
1996	12	95.3	98.4	96.9	95.1	103.4	100.4	100.1
1997	16	97.1	96.8	98.6	97.1	100.8	98.4	99.3
1998	15	96.1	99.9	99.5	98.1	101.3	99.0	99.6
1999	26	96.7	98.8	98.4	97.6	100.9	98.9	97.4
2000	15	98.3	99.1	99.0	97.5	101.5	100.1	100.9
2001	16	98.1	99.8	100.0	98.9	100.6	99.4	99.5
2002	13	98.5	98.1	99.6	98.6	100.5	99.6	99.1
2003	11	98.6	98.5	99.4	99.1	99.9	97.5	98.5
2004	11	100.2	100.5	101.0	99.7	101.0	100.1	100.1
2005	12	99.6	100.7	100.5	99.6	101.2	98.9	100.7
2007	16	100.2	100.5	99.8	98.7	100.9	99.9	101.1
2009	13	101.0	99.6	100.8	100.4	100.0	98.5	100.1

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	10	92.3	101.1	97.3	92.8	91.2
1981	19	93.3	99.3	99.2	92.8	92.6
1982	17	93.9	102.2	96.5	94.1	93.9
1984	27	94.4	98.4	98.5	94.0	94.0
1985	14	93.8	100.7	96.9	94.0	93.2
1986	17	96.1	97.7	98.4	94.2	95.6
1987	20	94.0	101.0	96.0	93.8	93.9
1989	11	93.5	101.5	95.8	93.7	93.5
1990	12	93.2	101.2	94.9	93.0	93.1
1991	13	94.2	101.1	96.0	93.6	94.3
1992	12	96.5	100.2	98.2	94.8	96.0
1993	18	97.1	98.7	98.9	94.5	96.8
1994	12	95.8	101.1	97.4	94.2	95.2
1996	12	97.5	98.7	99.2	95.3	97.2
1997	16	95.9	102.4	96.1	95.6	95.8
1998	15	96.3	100.7	97.3	95.3	96.0
1999	26	97.9	101.0	98.2	96.2	97.7
2000	15	97.3	100.0	99.9	97.1	97.6
2001	16	98.3	100.4	98.3	96.6	97.6
2002	13	97.6	101.7	98.5	97.2	97.9
2003	11	97.3	100.1	99.7	96.4	97.9
2004	11	98.9	100.0	100.0	87.5	98.4
2005	12	99.5	99.5	101.3	90.9	99.4
2007	16	99.1	98.2	100.4	73.9	99.3
2009	13	100.2	99.7	100.8	60.8	101.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	10	96.2	92.3	100.1	97.3	93.4	96.2	92.9
1981	19	96.8	93.7	101.6	96.9	93.5	95.7	93.2
1982	17	95.3	92.7	102.8	95.5	92.3	95.0	92.5
1984	27	96.2	91.9	103.3	95.8	94.3	95.1	92.1
1985	14	96.2	92.6	104.3	96.4	93.6	94.4	91.7
1986	17	97.0	93.2	104.8	96.2	95.1	95.7	93.5
1987	20	97.0	94.3	101.8	97.0	94.1	96.8	94.5
1989	11	95.2	94.5	101.5	95.2	92.4	96.3	93.5
1990	12	96.8	94.7	105.0	96.8	94.1	96.4	93.8
1991	13	97.1	97.2	104.2	96.8	95.6	96.5	95.2
1992	12	97.9	96.2	102.5	97.2	94.5	96.2	93.8
1993	18	98.6	95.9	102.3	98.2	95.5	97.1	94.9
1994	12	96.2	95.3	102.9	96.6	96.1	95.8	93.5
1996	12	97.1	96.7	101.8	97.7	95.6	97.5	95.8
1997	16	96.3	96.8	103.2	96.9	94.3	97.1	95.9
1998	15	97.3	95.3	102.2	96.8	96.1	96.1	93.9
1999	26	97.2	97.0	103.5	96.9	96.4	98.3	96.4
2000	15	98.0	97.2	102.9	98.1	97.0	97.8	96.5
2001	16	97.6	97.1	102.4	97.8	95.9	97.2	95.5
2002	13	97.9	97.1	101.2	98.8	96.2	99.2	97.0
2003	11	98.7	98.8	101.9	99.5	97.5	99.7	97.9
2004	11	97.7	96.9	102.6	98.9	97.5	98.7	97.6
2005	12	99.5	99.8	101.6	100.6	99.8	100.2	98.8
2007	16	98.9	99.9	101.6	99.6	99.2	99.9	99.2

2009 13 98.5 99.6 103.0 99.1 101.5 100.9 99.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	10	95.1	96.9	95.2	90.7	106.1	90.5
1981	19	96.7	98.4	95.2	91.9	104.9	91.9
1982	17	97.9	99.2	93.4	93.1	105.5	92.1
1984	27	96.8	98.1	94.5	92.7	103.5	92.0
1985	14	97.1	98.7	94.4	92.0	103.3	91.7
1986	17	96.1	97.5	95.1	93.6	102.5	92.6
1987	20	97.0	98.7	95.7	92.7	103.5	92.8
1989	11	98.4	100.5	94.0	92.5	105.2	92.6
1990	12	97.8	98.3	95.2	91.8	104.0	92.2
1991	13	97.0	97.8	95.8	93.2	102.3	93.1
1992	12	99.2	100.3	96.3	95.2	103.4	95.3
1993	18	96.6	99.3	97.3	95.9	102.1	95.3
1994	12	97.1	99.0	95.8	94.5	101.5	93.8
1996	12	98.7	99.5	96.4	96.3	102.7	95.8
1997	16	97.2	98.6	95.3	94.9	100.3	93.8
1998	15	99.1	100.4	96.3	95.2	101.6	95.3
1999	26	97.2	98.8	96.6	97.1	101.0	95.7
2000	15	99.4	99.6	97.3	97.2	101.4	96.8
2001	16	99.2	100.1	96.8	97.2	101.0	96.7
2002	13	98.3	99.5	97.5	97.2	100.4	96.5
2003	11	97.0	99.5	99.0	97.4	99.9	97.2
2004	11	100.5	100.9	97.7	97.9	101.6	98.0
2005	12	99.9	101.3	100.2	99.3	101.4	100.0
2007	16	100.3	100.4	99.4	98.7	101.3	99.2
2009	13	99.2	100.8	100.0	100.6	99.9	100.2

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	12	102.6	101.8	101.4	101.4	101.3	100.1	87.4	101.5
1981	20	103.2	100.7	100.5	100.8	100.8	100.2	88.9	100.8
1982	18	102.1	100.4	99.9	100.0	99.8	100.7	87.7	100.1
1984	28	101.7	101.5	100.4	101.1	100.3	100.5	88.6	100.8
1985	16	100.9	102.5	100.6	101.8	99.9	99.4	89.1	101.2
1986	21	100.9	101.0	99.8	100.3	99.4	99.2	89.6	100.0
1987	22	102.0	101.5	100.6	101.2	100.5	101.2	90.6	101.1
1989	14	100.6	101.3	99.6	100.3	99.1	99.9	89.4	100.1
1990	13	102.5	99.6	99.6	99.4	100.3	101.7	88.5	99.5
1991	16	100.9	100.4	99.2	99.1	99.3	99.9	91.5	99.2
1992	20	101.0	101.0	100.0	100.2	99.6	99.7	90.9	100.0
1993	20	101.0	101.1	100.2	100.5	100.2	100.5	92.2	100.4
1994	17	100.5	99.1	98.5	98.2	98.5	99.8	91.4	98.3
1995	11	101.7	100.5	100.2	99.9	100.5	100.8	91.4	100.2
1996	14	100.9	100.7	100.1	100.0	99.8	99.4	93.1	100.1
1997	19	98.5	101.1	98.1	99.2	97.4	98.2	93.2	98.5
1998	19	100.4	100.2	99.8	99.6	99.4	100.1	93.3	99.6
1999	31	99.8	99.8	99.3	99.1	99.1	100.1	94.8	99.1
2000	23	98.9	100.6	99.0	99.3	98.0	99.0	95.6	99.1
2001	21	99.5	99.0	98.2	98.0	98.1	99.8	94.8	98.0

2002	18	98.6	100.5	98.6	99.1	98.2	99.2	95.1	98.7
2003	18	99.0	100.0	98.8	98.8	98.4	99.4	96.6	98.7
2004	22	98.5	101.0	98.7	99.6	98.1	98.1	96.0	99.0
2005	29	98.9	100.7	99.2	99.7	98.7	99.6	96.2	99.3
2006	19	98.7	101.0	99.1	99.7	98.7	100.4	96.8	99.2
2007	24	98.6	99.9	98.8	98.8	98.0	98.1	97.7	98.6
2008	12	99.6	101.1	100.6	100.2	99.8	100.6	99.6	100.4
2009	17	100.1	99.5	99.6	99.1	99.1	99.6	97.5	99.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	11	96.4	86.0	96.1	103.1	103.8
1981	20	98.1	90.8	94.3	102.1	102.7
1982	17	99.1	95.4	92.9	100.4	100.3
1984	24	98.3	95.2	93.1	100.2	100.7
1985	14	97.6	93.8	93.4	100.7	101.3
1986	18	98.0	94.4	94.3	100.1	101.0
1987	19	97.8	95.2	94.7	101.5	101.8
1989	11	98.1	94.0	93.4	100.5	101.3
1990	12	98.7	92.8	95.3	101.8	102.2
1991	14	98.5	95.5	94.4	100.9	101.6
1992	15	98.9	95.2	93.2	99.8	100.8
1993	18	99.6	92.3	94.9	101.5	101.0
1994	12	98.0	94.4	93.2	100.0	99.9
1996	12	100.2	98.2	94.4	100.1	100.9
1997	16	99.4	95.4	95.1	100.8	101.4
1998	15	98.8	96.4	92.0	98.0	98.0
1999	26	98.9	96.7	93.2	99.0	99.5
2000	15	99.8	99.6	95.3	100.9	100.9
2001	16	98.7	96.8	94.8	99.8	100.0
2002	13	99.9	97.8	96.1	101.3	100.5
2003	11	99.6	97.1	94.1	99.8	99.4
2004	11	99.5	99.6	94.3	99.4	99.7
2005	12	100.0	98.8	92.6	98.3	97.7
2007	16	99.9	98.9	95.2	100.0	100.4
2009	13	100.3	98.6	95.8	100.2	100.1

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1981	16	-222.1	-449.2	-290.1	102.7	100.8	95.2	91.9	97.8	0.0
1982	16	-201.0	-361.9	-303.4	100.5	100.1	93.4	93.1	97.4	0.0
1984	25	-233.0	-399.0	-510.2	100.5	100.8	94.5	92.7	98.2	0.0
1985	16	-210.2	-389.1	-403.5	101.2	101.2	94.4	92.0	98.0	49.7
1986	20	-198.4	-332.4	-462.7	100.6	100.0	95.1	93.6	98.0	39.1
1987	22	-180.5	-324.2	-452.0	102.0	101.1	95.7	92.7	97.3	33.8
1989	14	-201.1	-347.4	-464.3	101.1	100.1	94.0	92.5	98.1	23.6
1990	13	-172.1	-256.2	-402.9	102.2	99.5	95.2	91.8	97.0	26.4
1991	17	-157.5	-248.1	-359.1	101.6	99.2	95.8	93.2	97.4	32.6
1992	20	-169.0	-289.6	-449.6	100.5	100.0	96.3	95.2	97.5	18.4
1993	20	-127.8	-253.9	-319.2	101.3	100.4	97.3	95.9	98.5	22.1
1994	17	-160.5	-223.5	-382.7	100.0	98.3	95.8	94.5	98.5	25.2
1995	11	-139.7	-243.2	-304.7	99.7	100.2	97.3	96.0	98.0	24.3

1996	14	-102.2	-177.5	-192.9	100.5	100.1	96.4	96.3	98.9	18.6
1997	17	-137.6	-197.2	-239.6	101.4	98.5	95.3	94.9	98.6	25.1
1998	16	-124.0	-146.4	-224.8	97.8	99.6	96.3	95.2	98.2	8.9
1999	31	-100.4	-144.9	-153.1	99.3	99.1	96.6	97.1	98.3	24.8
2000	20	-76.6	-118.5	-119.1	100.9	99.1	97.3	97.2	99.1	7.5
2001	20	-83.1	-104.0	-94.5	100.0	98.0	96.8	97.2	98.8	9.4
2002	18	-62.9	-94.0	-65.1	101.1	98.7	97.5	97.2	99.5	10.7
2003	16	-80.2	-110.9	-103.2	99.4	98.7	99.0	97.4	98.6	12.9
2004	19	-90.2	-139.4	-152.5	99.5	99.0	97.7	97.9	98.0	3.2
2005	27	-71.9	-113.9	-113.9	97.8	99.3	100.2	99.3	98.9	4.6
2006	18	-67.9	-120.2	-84.1	98.7	99.2	98.1	99.0	99.6	15.4
2007	19	-43.6	-57.0	23.9	100.3	98.6	99.4	98.7	99.0	-0.9
2008	12	-24.6	-37.9	11.2	100.5	100.4	98.8	98.1	99.0	13.3
2009	15	-2.4	5.5	22.4	100.1	99.4	100.0	100.6	98.6	3.5

Tabel: 76 Maas Rijn IJssel: Klauwgezondheidskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1999	18	97.7	99.6	99.4	97.0	99.6	97.3	99.3
2002	10	99.6	101.3	99.6	98.3	100.7	99.7	100.0
2005	12	100.7	101.6	100.5	99.7	101.1	99.3	99.8
2007	11	100.0	101.5	100.4	98.9	101.1	98.3	100.0
2009	10	99.8	100.4	100.2	100.8	99.1	98.5	98.5

Tabel: 77 Maas Rijn IJssel: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	17	100.2	97.3	100.2	97.3	93.7	98.7
1982	17	99.1	97.8	99.1	97.8	92.1	98.4
1984	20	99.9	97.8	99.9	97.8	93.0	99.0
1985	12	100.8	96.9	100.8	96.9	93.1	98.2
1986	18	100.1	97.5	100.1	97.5	92.9	98.0
1987	21	99.7	97.2	99.7	97.2	92.8	98.0
1989	13	100.8	97.2	100.8	97.2	93.6	98.3
1990	12	99.3	97.2	99.3	97.2	92.4	97.4
1991	16	99.7	97.4	99.7	97.4	93.0	97.8
1992	20	100.2	97.1	100.2	97.1	93.0	97.8
1993	20	100.7	97.8	100.7	97.8	95.4	98.3
1994	17	100.0	98.2	100.0	98.2	93.3	98.6
1995	11	100.3	97.6	100.3	97.6	94.0	98.1
1996	13	101.1	98.0	101.1	98.0	94.5	98.6
1997	19	100.9	97.8	100.9	97.8	93.3	98.5
1998	19	100.5	97.8	100.5	97.8	93.5	98.1
1999	32	100.6	97.6	100.6	97.6	94.5	97.8
2000	23	102.3	97.2	102.3	97.2	96.0	98.5
2001	21	102.0	97.3	102.0	97.3	95.5	98.6
2002	18	101.4	98.2	101.4	98.2	95.4	98.3
2003	18	101.6	97.4	101.6	97.4	95.7	97.9
2004	22	100.7	97.4	100.7	97.4	94.3	98.1
2005	30	101.6	97.6	101.6	97.6	95.5	98.6
2006	20	102.1	98.2	102.1	98.2	96.0	99.2
2007	25	101.5	97.9	101.5	97.9	95.2	97.9
2008	12	101.4	98.1	101.4	98.1	95.9	98.0
2009	17	101.8	97.5	101.8	97.5	95.9	97.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	95.5	100.6	104.4	91.7	88.3	88.9
1981	20	96.2	100.2	104.1	87.3	82.0	83.2
1982	17	94.5	101.8	105.7	96.4	92.2	92.4
1984	24	96.5	101.4	103.2	102.7	97.9	98.3
1985	15	96.3	100.5	103.6	102.9	98.9	98.7
1986	20	97.0	100.9	102.5	96.7	94.1	93.7
1987	21	96.0	101.2	104.1	100.9	98.6	98.8
1989	14	96.3	100.4	103.9	102.2	98.4	97.5
1990	11	95.4	102.5	104.8	100.9	98.9	99.7
1991	16	96.3	103.1	103.9	100.4	99.6	102.6
1992	20	96.7	101.7	103.8	101.6	99.1	99.8
1993	20	98.3	99.2	101.3	95.8	94.0	95.1
1994	16	96.8	101.1	103.5	102.4	98.2	98.4
1995	10	96.7	102.1	103.3	101.2	99.4	99.7
1996	14	99.4	100.7	100.6	94.3	91.6	93.3
1997	17	97.2	101.0	102.9	102.1	98.9	97.8
1998	17	96.2	101.3	103.9	100.9	98.4	99.4
1999	31	98.5	100.4	101.2	98.1	95.7	96.5
2000	22	98.5	99.9	102.0	100.9	99.5	101.0
2001	21	97.7	99.3	102.3	101.9	98.4	98.7
2002	18	97.7	100.2	102.7	104.9	98.4	98.6
2003	18	96.9	100.5	103.4	101.7	99.6	100.9
2004	21	96.2	99.1	103.9	101.5	99.4	99.9
2005	28	97.5	99.0	102.4	102.0	97.9	99.2
2006	18	98.3	99.6	101.0	102.3	98.0	98.6
2007	20	98.2	100.0	101.4	99.8	100.7	102.2
2008	11	97.7	100.3	102.4	102.0	99.8	102.0
2009	15	97.2	100.3	102.5	100.2	100.1	100.3

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	10	107.0	108.9	96.8	101.6	112.6	94.8	105.0	98.5	110.6	96.1	104.3
1981	20	106.0	108.8	97.9	102.8	110.3	97.2	104.0	100.0	109.7	97.9	104.4
1982	17	105.9	107.0	97.9	101.6	110.1	96.1	104.6	99.2	108.5	97.5	104.1
1984	23	104.8	106.0	96.7	101.3	108.6	96.5	103.4	99.3	107.4	97.4	103.1
1985	12	105.4	106.7	96.6	102.3	109.0	97.2	104.0	99.7	107.8	97.9	104.3
1986	19	104.9	104.9	96.8	101.3	108.2	95.7	103.5	100.0	106.4	96.3	103.4
1987	21	105.5	106.4	96.9	103.0	108.4	96.3	104.6	99.3	107.1	97.7	103.9
1989	14	106.6	106.5	96.1	103.1	109.5	96.0	104.9	100.3	107.9	96.8	105.0
1990	12	103.9	106.6	97.1	102.0	107.6	97.8	102.9	98.2	107.2	97.9	103.8
1991	16	102.9	104.3	97.6	101.1	104.8	97.5	101.5	100.5	104.5	97.8	101.8
1992	20	105.5	105.8	97.9	103.0	107.0	97.4	103.8	101.2	106.0	98.2	104.1
1993	20	104.9	104.8	98.7	102.1	106.8	97.3	103.5	100.8	105.0	99.4	102.1
1994	15	103.7	103.4	98.4	101.7	105.2	97.5	102.8	100.4	104.1	98.1	102.7
1995	11	102.8	101.6	98.8	100.7	103.7	97.8	102.5	100.1	102.5	98.7	101.5
1996	14	103.6	104.0	98.6	101.3	105.9	97.3	102.6	100.4	104.5	98.7	101.9
1997	19	102.5	102.3	98.7	100.6	104.2	98.2	101.3	100.3	103.3	98.8	101.8
1998	19	102.5	101.7	99.3	101.2	103.4	98.3	101.9	99.9	102.0	98.9	102.1
1999	31	101.9	101.8	99.8	101.0	103.9	98.9	101.3	99.8	102.1	100.3	100.3

2000	23	101.5	102.3	97.8	101.9	102.4	98.3	101.0	99.8	101.6	99.2	100.8
2001	21	101.0	101.1	100.1	101.0	101.6	99.7	100.7	99.7	100.6	100.7	100.3
2002	18	101.9	102.4	100.0	101.7	102.6	98.8	101.1	100.9	101.9	99.9	100.9
2003	18	101.5	101.7	99.4	101.9	101.8	99.0	100.9	100.3	101.2	99.7	100.9
2004	22	100.9	102.5	98.4	102.4	101.9	99.0	100.7	99.1	101.4	98.9	101.8
2005	27	101.5	102.7	98.5	102.0	103.6	98.0	101.6	98.2	102.2	98.0	101.9
2006	18	101.9	102.2	99.2	100.7	103.9	98.4	101.1	99.9	102.0	99.4	100.2
2007	19	99.6	100.7	98.1	100.7	101.1	99.3	99.8	98.8	100.5	98.4	100.7
2008	11	99.2	100.3	100.2	100.1	100.5	100.8	98.4	100.2	100.5	100.3	98.9
2009	16	99.9	99.9	100.0	100.7	100.6	99.6	100.0	98.8	99.9	99.8	99.8

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	17	95.8	96.9	102.5
1982	17	94.8	96.4	102.3
1984	20	95.3	96.8	102.5
1985	12	95.3	96.4	102.5
1986	18	95.1	96.4	101.5
1987	21	95.7	96.9	102.1
1989	13	95.3	96.5	103.1
1990	12	95.5	96.9	102.1
1991	16	95.4	96.7	102.1
1992	20	95.2	96.5	102.5
1993	20	95.5	96.8	102.0
1994	16	95.1	96.8	102.4
1995	11	95.4	97.1	101.9
1996	13	96.7	97.8	102.3
1997	19	96.0	97.7	102.0
1998	19	96.2	97.7	101.6
1999	32	97.3	98.5	101.7
2000	23	97.4	98.7	102.0
2001	21	97.8	99.0	102.0
2002	18	97.9	98.8	100.8
2003	18	98.8	99.3	100.8
2004	22	98.3	99.3	100.5
2005	30	98.5	99.2	100.1
2006	20	97.9	98.8	100.5
2007	25	98.6	99.5	101.4
2008	12	99.2	99.7	101.0
2009	17	98.8	99.4	102.0

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	20	-1193.4	-4601.9	-202.1	-171.9
2002	18	-937.8	-3735.1	-151.9	-138.1
2003	16	-1234.3	-4738.1	-209.1	-178.0
2004	19	-1590.9	-6359.5	-266.3	-229.8
2005	27	-1231.6	-5147.9	-205.4	-177.3
2006	18	-1103.1	-4434.2	-191.0	-155.9
2007	19	-254.7	-1198.9	-39.4	-37.8
2008	12	-248.0	-1314.7	-29.2	-41.2
2009	15	-4.5	-213.1	5.2	-3.1



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

Jaar	Aantal	Eff	Int	Gewen
1986	10	98.5	91.2	100.0
1991	11	96.9	90.4	98.3
1999	20	99.1	94.1	100.2
2000	12	98.4	92.4	100.4
2001	10	98.5	98.0	100.2
2005	11	100.0	94.2	99.3
2009	10	99.4	96.8	99.7

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1981	16	98.1	99.6	0	0.0	0.0	0	0.0
1982	16	100.4	101.8	0	0.0	0.0	0	0.0
1984	25	98.6	100.2	0	0.0	0.0	0	0.0
1985	16	99.9	100.7	16	-3.3	49.7	0	0.0
1986	20	100.8	101.0	20	-2.8	39.1	0	0.0
1987	22	99.5	100.5	22	-2.6	33.8	0	0.0
1989	14	99.0	99.6	14	-2.6	23.6	0	0.0
1990	13	100.2	99.5	13	-2.0	26.4	0	0.0
1991	17	98.5	100.2	16	-2.1	32.6	0	0.0
1992	20	97.0	99.2	20	-2.2	18.4	0	0.0
1993	20	99.2	100.2	20	-2.0	22.1	0	0.0
1994	17	99.6	98.8	17	-1.8	25.2	0	0.0
1995	11	100.3	99.6	11	-2.0	24.3	0	0.0
1996	14	101.2	100.1	14	-1.4	18.6	0	0.0
1997	17	99.6	99.8	17	-1.6	25.1	0	0.0
1998	16	99.4	99.4	16	-1.1	8.9	0	0.0
1999	31	100.1	98.8	31	-1.3	24.8	0	0.0
2000	20	102.8	101.2	20	-0.9	7.5	0	0.0
2001	20	100.8	100.3	20	-0.8	9.4	16	99.2
2002	18	101.6	100.2	18	-0.8	10.7	13	98.5
2003	16	99.8	99.1	16	-0.9	12.9	11	97.9
2004	19	100.7	99.0	19	-0.9	3.2	11	100.9
2005	27	100.3	98.9	27	-0.8	4.6	12	101.0
2006	18	99.9	99.1	18	-1.0	15.4	9	99.1
2007	19	100.5	99.9	19	-0.3	-0.9	16	100.8
2008	12	100.8	99.0	12	-0.5	13.3	8	97.6
2009	15	102.4	99.5	16	-0.1	3.5	13	100.4

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	12	99.8	0	0.0	0	0.0	12	95.7
1982	12	100.0	0	0.0	0	0.0	12	96.6
1984	16	99.8	0	0.0	0	0.0	16	96.0

1985	11	99.9	0	0.0	0	0.0	11	96.1
1986	17	99.9	0	0.0	0	0.0	17	97.0
1987	16	99.7	0	0.0	0	0.0	16	95.0
1989	12	99.8	0	0.0	0	0.0	12	96.6
1990	11	100.0	0	0.0	0	0.0	11	98.8
1991	14	100.0	0	0.0	0	0.0	14	97.6
1992	14	100.0	0	0.0	0	0.0	14	97.4
1993	16	99.8	0	0.0	0	0.0	16	96.6
1994	12	99.8	0	0.0	0	0.0	12	95.9
1995	10	99.9	0	0.0	0	0.0	10	97.4
1996	12	99.8	0	0.0	0	0.0	12	96.4
1997	14	99.9	0	0.0	0	0.0	14	96.8
1998	13	99.9	0	0.0	0	0.0	13	97.2
1999	27	100.0	0	0.0	0	0.0	27	97.4
2000	17	100.7	3	104.7	1	102.0	17	97.9
2001	16	99.9	0	0.0	0	0.0	16	97.0
2002	15	99.9	0	0.0	1	102.0	15	96.8
2003	12	99.9	0	0.0	1	104.0	12	95.6
2004	11	100.0	0	0.0	1	100.0	11	97.8
2005	20	100.0	0	0.0	0	0.0	20	97.8
2006	14	99.9	0	0.0	0	0.0	14	97.0
2007	16	100.1	1	103.0	1	102.0	16	97.2
2009	15	100.1	0	0.0	0	0.0	15	98.9

Tabel: 85 Maas Rijn IJssel: Reproductiestoornissen

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1999	16	100.6	100.2	100.6	99.4	100.3	100.1
2001	10	99.3	98.3	99.5	97.9	100.1	99.5

Tabel: 86 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	15	-2320.5	-91.9	-88.0	-105.5	21.0	-7.5	0.3	-585.6
1985	20	-2323.3	-94.0	-89.1	-105.9	17.8	-8.9	-0.3	-594.5
1986	46	-2321.1	-89.5	-89.3	-105.7	26.6	-9.0	-0.0	-585.7
1987	145	-2353.6	-94.7	-90.6	-107.1	19.1	-9.7	0.1	-602.7
1988	277	-2338.1	-93.2	-88.8	-106.5	20.5	-7.4	0.1	-591.9
1989	434	-2286.2	-88.8	-85.8	-104.1	24.2	-5.3	0.0	-569.6
1990	659	-2319.8	-87.7	-86.2	-105.6	28.9	-3.9	0.1	-569.5
1991	1088	-2146.2	-77.4	-75.7	-97.7	31.8	2.9	0.1	-502.3
1992	1462	-2031.8	-76.1	-73.5	-92.5	25.6	0.0	0.1	-488.7
1993	1614	-1963.3	-76.3	-73.0	-89.3	19.9	-3.3	0.1	-486.6
1994	2109	-1858.7	-65.8	-66.6	-84.6	28.2	0.7	0.2	-436.5
1995	2324	-1788.0	-63.8	-64.3	-81.3	26.1	0.4	0.2	-422.1
1996	2112	-1704.8	-61.3	-62.7	-77.5	24.2	-1.7	0.2	-409.0
1997	1719	-1558.0	-57.3	-58.3	-70.8	19.8	-3.0	0.2	-380.5
1998	1687	-1517.2	-56.6	-56.6	-69.0	18.3	-2.6	0.2	-371.7
1999	1398	-1462.0	-54.0	-53.5	-66.4	18.0	-0.9	0.3	-352.9
2000	1009	-1230.1	-49.4	-47.6	-55.9	9.5	-4.3	0.3	-315.8
2001	957	-1092.8	-49.5	-42.7	-49.5	0.5	-4.3	0.5	-294.0
2002	741	-934.3	-45.9	-38.2	-42.1	-3.8	-5.8	0.7	-265.8
2003	700	-884.4	-37.8	-34.5	-39.7	3.5	-3.2	0.8	-232.9
2004	645	-709.2	-29.3	-29.3	-31.3	4.7	-4.2	1.4	-191.0

2005	629	-526.7	-25.8	-24.0	-23.8	-1.4	-5.9	0.3	-159.9
2006	528	-472.5	-24.1	-21.8	-21.0	-2.1	-5.3	0.6	-146.3
2007	542	-512.4	-16.6	-18.2	-22.4	9.7	1.0	1.3	-116.4
2008	432	-489.7	-15.0	-16.4	-21.9	10.1	2.3	0.5	-105.1
2009	368	-410.0	-15.5	-15.8	-18.2	4.5	-0.9	0.6	-103.0
2010	199	-416.9	-18.0	-15.6	-17.8	2.0	-0.2	1.6	-107.2
2011	172	-415.7	-16.3	-14.9	-17.6	3.9	0.7	1.7	-100.4
2012	128	-371.4	-16.0	-13.8	-16.1	2.0	0.1	1.2	-95.1
2013	220	-226.2	-14.1	-9.0	-9.8	-4.1	-0.5	0.7	-69.2
2014	110	-287.1	-16.6	-11.0	-12.3	-3.4	-0.3	1.0	-83.7
2015	71	-242.3	-13.9	-7.5	-10.3	-2.9	2.1	1.0	-62.9
2016	77	-131.6	-10.2	-3.8	-3.2	-4.5	1.8	3.5	-38.0
2017	55	51.3	-5.3	-0.1	5.0	-8.5	-1.7	3.3	-10.1
2018	13	89.3	-5.4	1.8	2.5	-10.7	-1.2	-1.7	-2.9

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	12	89.2	99.2	92.7	91.9	105.1	96.2	98.7
1986	30	89.0	97.5	91.3	90.9	105.0	96.3	97.8
1987	64	87.9	98.7	91.3	90.4	105.8	98.1	97.4
1988	151	88.3	98.8	91.3	90.2	106.0	98.0	98.2
1989	288	88.5	98.6	91.3	90.6	105.4	98.2	97.3
1990	411	88.9	98.8	91.8	90.9	105.5	97.8	98.2
1991	677	89.2	98.2	92.3	91.9	103.8	97.6	97.3
1992	889	89.9	98.4	92.4	91.9	104.1	97.6	98.3
1993	966	90.7	98.7	93.0	92.3	104.2	97.5	99.0
1994	1200	90.8	100.2	94.7	93.3	104.8	97.8	99.9
1995	1261	91.0	100.3	95.1	93.7	104.4	97.8	99.9
1996	1141	91.3	100.3	95.6	94.2	104.5	97.9	99.8
1997	935	91.9	100.5	96.3	95.0	103.8	98.0	99.9
1998	871	92.7	100.5	97.0	95.7	103.4	98.0	99.6
1999	706	92.6	100.2	96.6	95.5	103.2	97.9	99.7
2000	467	93.5	100.0	96.4	95.3	103.0	98.0	99.3
2001	442	93.9	100.1	96.0	95.0	102.9	97.8	99.4
2002	369	94.4	100.2	96.4	95.6	102.7	98.0	99.2
2003	357	94.9	101.2	97.6	96.6	103.0	99.0	98.6
2004	307	95.1	101.6	98.7	97.8	102.2	99.0	99.2
2005	286	95.7	101.8	99.2	98.2	101.8	99.5	99.7
2006	243	95.8	102.7	99.6	98.4	102.3	99.6	99.8
2007	255	95.6	103.5	100.1	98.8	102.9	100.3	98.6
2008	228	95.7	103.0	99.7	98.7	102.7	100.5	98.4
2009	201	96.2	102.9	99.8	98.9	102.6	101.2	98.0
2010	101	96.4	102.3	99.8	98.7	102.0	101.2	99.4
2011	93	97.2	102.4	99.7	98.5	102.3	100.8	99.5
2012	66	97.6	101.3	99.6	99.0	101.4	100.6	99.6
2013	108	97.4	101.6	99.3	98.7	101.3	100.2	100.1
2014	61	97.7	101.4	99.3	98.3	101.5	98.9	100.1
2015	31	98.1	102.0	99.8	98.6	101.5	99.9	100.2
2016	38	98.3	101.3	99.5	99.0	101.6	100.2	99.8
2017	20	99.2	103.0	100.5	100.2	102.5	100.3	100.0

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	12	91.3	102.6	96.8	95.7	88.4
1986	30	92.1	101.9	97.2	95.9	88.7
1987	64	93.4	101.1	96.4	95.8	90.5
1988	151	94.1	100.7	97.3	96.2	91.4
1989	288	94.1	100.7	97.5	96.4	91.4
1990	411	94.3	100.8	97.5	96.4	91.6
1991	677	92.9	102.9	96.0	95.6	90.0
1992	889	93.5	102.1	96.6	95.6	90.4
1993	966	94.1	102.1	97.1	96.3	91.3
1994	1200	92.3	102.6	95.5	95.9	90.2
1995	1261	92.7	102.6	95.4	95.7	90.5
1996	1141	93.6	102.4	95.9	96.0	91.4
1997	935	94.2	102.8	95.9	96.3	92.0
1998	871	94.9	103.8	95.5	96.4	92.5
1999	706	95.4	103.4	95.9	96.6	93.1
2000	467	95.9	102.7	96.9	97.0	93.8
2001	442	96.1	102.0	98.0	97.2	94.0
2002	369	95.8	101.8	98.5	97.1	93.7
2003	357	96.4	101.1	98.8	98.3	95.0
2004	307	96.4	101.8	97.9	98.2	95.1
2005	286	96.0	102.4	97.0	98.2	95.0
2006	243	96.8	101.9	97.4	99.2	95.8
2007	255	97.8	100.3	98.6	100.6	97.7
2008	228	97.9	100.2	98.7	100.9	98.0
2009	201	97.9	99.9	98.9	101.0	98.2
2010	101	97.6	100.2	98.8	100.0	97.4
2011	93	98.7	99.6	100.0	100.4	98.8
2012	66	98.9	99.6	99.8	99.7	99.1
2013	108	99.8	99.3	100.2	100.0	99.8
2014	61	99.6	99.5	100.3	99.3	99.3
2015	31	99.7	99.5	99.9	99.2	99.4
2016	38	99.6	99.9	99.7	99.7	99.9
2017	20	99.8	98.5	101.4	100.8	99.9

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	12	90.9	88.4	102.2	92.8	87.8	91.0	89.4
1986	30	92.1	90.2	102.2	94.1	89.1	91.7	90.1
1987	64	91.1	89.0	103.0	92.7	88.7	91.6	89.8
1988	151	91.2	89.6	103.5	93.0	88.4	91.5	89.8
1989	288	91.4	90.0	103.3	93.0	88.8	91.3	89.7
1990	411	91.1	90.0	102.3	92.8	88.4	90.9	89.4
1991	677	91.5	89.8	102.0	92.5	88.6	91.1	89.3
1992	889	92.0	89.8	101.7	93.2	88.8	90.8	89.5
1993	966	92.4	90.5	101.4	93.7	89.2	91.5	90.2
1994	1200	92.1	91.9	100.4	92.4	87.9	92.2	91.4
1995	1261	92.1	92.2	100.5	92.3	88.3	92.8	91.8
1996	1141	92.2	92.5	100.8	92.2	88.9	93.0	92.1
1997	935	92.3	92.6	100.5	92.4	89.7	93.1	91.9
1998	871	92.0	92.5	100.7	92.4	90.3	93.6	92.1
1999	706	92.3	93.2	100.6	92.7	91.0	94.3	92.8
2000	467	92.8	93.6	100.8	93.6	91.9	95.0	93.6

2001	442	93.3	93.2	101.5	94.0	92.1	95.0	93.1
2002	369	93.2	92.9	101.4	93.7	92.6	94.8	92.5
2003	357	94.3	94.4	100.3	94.4	93.1	95.4	93.6
2004	307	94.5	95.4	100.5	94.0	93.6	96.7	95.4
2005	286	94.5	95.1	101.2	93.8	94.2	96.2	95.1
2006	243	95.2	95.5	100.7	94.5	94.5	96.5	95.5
2007	255	95.1	96.6	99.6	94.5	94.0	96.3	95.4
2008	228	95.3	96.9	99.3	95.0	94.3	96.4	95.6
2009	201	95.5	97.2	99.2	95.2	94.2	96.6	95.8
2010	101	95.7	97.3	99.3	95.8	95.2	97.3	96.6
2011	93	96.3	97.8	99.2	96.5	95.7	97.8	97.2
2012	66	97.1	98.2	99.1	97.2	96.8	99.0	98.1
2013	108	97.3	98.5	98.8	97.4	96.6	98.6	98.2
2014	61	97.6	98.5	100.0	97.7	97.1	98.7	98.2
2015	31	98.2	99.7	99.9	98.3	97.8	99.1	98.9
2016	38	99.0	99.6	100.2	99.2	98.2	100.2	99.7
2017	20	99.8	100.0	100.3	100.2	99.0	99.8	99.7

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	12	94.4	97.2	87.9	88.1	0.0	85.1
1986	30	93.1	95.6	89.6	88.3	0.0	85.6
1987	64	94.2	95.7	88.5	89.9	0.0	86.2
1988	151	94.7	95.9	88.5	91.1	0.0	87.0
1989	288	94.2	95.6	88.7	91.0	0.0	86.9
1990	411	94.7	96.2	88.4	91.2	0.0	87.0
1991	677	94.2	95.8	88.5	89.5	0.0	86.0
1992	889	94.7	96.2	89.0	90.0	0.0	86.7
1993	966	95.3	96.9	89.7	91.0	0.0	87.9
1994	1200	96.9	98.5	88.8	89.6	0.0	87.4
1995	1261	97.1	98.6	89.0	89.9	0.0	87.8
1996	1141	97.3	99.1	89.3	90.9	0.0	88.6
1997	935	97.7	99.4	89.8	91.5	0.0	89.3
1998	871	97.8	99.5	90.0	91.9	0.0	89.6
1999	706	97.5	99.2	90.6	92.6	0.0	90.2
2000	467	97.2	99.0	91.6	93.4	0.0	91.1
2001	442	97.1	98.6	92.0	93.9	0.0	91.4
2002	369	97.2	98.7	92.1	93.6	0.0	91.4
2003	357	98.2	99.6	93.0	94.8	0.0	92.9
2004	307	98.9	100.1	93.1	94.8	0.0	93.3
2005	286	99.7	100.4	93.3	94.3	0.0	93.4
2006	243	100.2	100.8	93.9	95.3	0.0	94.4
2007	255	100.3	101.0	93.8	97.2	0.0	95.4
2008	228	100.1	100.8	94.1	97.5	0.0	95.7
2009	201	100.2	100.8	94.3	97.5	0.0	95.9
2010	101	100.7	100.6	95.0	96.9	0.0	96.0
2011	93	100.7	100.9	95.6	98.4	0.0	97.2
2012	66	100.3	100.8	96.7	98.6	0.0	97.7
2013	108	100.4	100.6	96.7	99.4	0.0	98.1
2014	61	99.5	100.6	97.1	99.0	0.0	97.9
2015	31	100.4	100.7	97.9	99.2	0.0	98.6
2016	38	100.1	100.9	98.6	99.3	0.0	99.1
2017	20	100.9	102.0	99.5	99.7	0.0	100.2

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	19	104.1	101.8	103.1	103.0	102.2	100.3	87.4	103.3
1985	27	103.3	101.8	102.3	102.7	101.0	99.6	87.2	102.6
1986	56	103.7	102.0	103.0	102.9	101.9	99.8	88.2	103.2
1987	164	104.2	102.3	103.3	103.4	102.4	100.7	88.3	103.6
1988	282	104.6	102.0	103.4	103.3	102.7	100.8	87.5	103.6
1989	444	103.5	102.0	102.8	102.8	101.7	100.2	87.7	103.0
1990	685	103.4	102.5	103.0	103.3	101.9	100.8	88.1	103.4
1991	1147	103.9	100.8	102.6	102.2	101.9	100.6	89.7	102.6
1992	1559	103.7	100.8	102.5	102.1	101.6	100.6	90.5	102.4
1993	1707	103.3	101.2	102.3	102.2	101.3	100.5	90.8	102.4
1994	2365	102.7	101.0	101.9	101.9	100.8	100.4	91.1	102.1
1995	2606	102.3	101.3	101.7	101.9	100.5	100.3	91.3	102.0
1996	2375	101.9	100.7	101.2	101.1	100.0	100.1	91.8	101.3
1997	1919	101.3	100.2	100.5	100.4	99.3	99.9	92.2	100.5
1998	1880	101.0	100.4	100.5	100.4	99.3	100.2	92.7	100.5
1999	1543	101.1	100.5	100.7	100.7	99.7	100.1	92.8	100.8
2000	1104	101.7	99.6	100.7	100.2	99.9	100.3	93.3	100.5
2001	1063	101.4	100.3	101.0	100.9	100.0	99.5	93.4	101.0
2002	826	100.7	100.8	100.9	101.1	99.7	99.6	94.8	101.1
2003	784	99.5	100.3	99.8	99.9	98.4	99.2	95.9	99.9
2004	725	99.1	99.6	99.1	98.9	97.6	98.5	95.6	98.9
2005	696	99.0	99.3	99.1	98.7	97.7	98.5	95.4	98.8
2006	593	98.7	99.4	99.0	98.6	97.5	98.4	96.0	98.7
2007	616	97.2	100.0	98.3	98.3	96.5	98.1	97.9	98.1
2008	540	97.5	100.0	98.5	98.5	96.8	98.4	97.8	98.3
2009	459	97.5	99.6	98.3	98.3	96.7	98.2	97.8	98.1
2010	234	98.5	99.5	99.0	98.7	97.7	98.6	97.6	98.8
2011	230	98.4	99.2	98.7	98.4	97.5	98.5	97.9	98.4
2012	173	98.1	99.3	98.6	98.4	97.4	98.4	97.9	98.4
2013	299	98.7	98.6	98.4	97.9	97.6	98.4	97.6	98.1
2014	160	99.5	98.5	99.1	98.5	98.4	98.4	97.2	98.7
2015	105	99.3	100.2	100.3	100.2	99.3	98.7	98.4	100.3
2016	99	99.8	100.3	101.0	100.8	100.0	98.8	98.4	101.0
2017	88	99.5	100.1	100.6	100.6	99.7	98.7	98.6	100.7
2018	52	99.7	101.0	101.7	101.5	100.6	99.0	99.3	101.8

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	13	101.2	82.5	95.5	99.4	102.8
1986	29	100.8	98.2	94.4	98.2	101.8
1987	65	99.8	92.4	95.1	98.9	102.4
1988	142	99.6	95.5	95.2	98.8	102.4
1989	270	98.9	96.9	94.9	98.1	102.2
1990	383	99.6	97.8	94.6	97.6	101.2
1991	654	99.4	97.8	95.5	98.8	101.8
1992	874	100.1	98.2	95.6	98.7	101.6
1993	938	100.9	98.2	95.1	98.2	101.2
1994	1165	101.2	98.1	95.4	98.1	101.2
1995	1246	100.8	98.0	95.0	97.5	100.8
1996	1122	101.2	98.4	94.9	97.1	100.5
1997	934	100.8	98.5	94.9	97.0	100.3
1998	860	100.8	98.3	94.7	96.7	99.6

1999	698	100.4	98.4	94.5	96.6	99.0
2000	456	100.4	97.8	95.2	97.2	99.5
2001	441	100.4	97.5	94.9	96.7	98.7
2002	366	100.2	97.1	94.2	95.8	97.4
2003	355	100.2	97.8	94.7	96.2	97.9
2004	307	100.1	97.7	95.4	96.5	98.3
2005	281	100.2	98.0	95.8	97.2	98.2
2006	244	100.4	97.9	96.4	97.5	98.5
2007	255	100.6	98.9	96.3	97.4	98.5
2008	228	100.7	99.2	96.5	97.4	98.6
2009	195	101.0	99.3	96.8	97.6	99.0
2010	100	100.3	98.8	96.7	97.5	98.7
2011	91	100.2	98.3	97.2	97.9	99.0
2012	64	99.8	99.5	97.1	97.7	98.7
2013	99	100.0	98.8	98.0	98.3	99.1
2014	57	100.5	100.2	98.0	98.2	98.7
2015	31	100.6	100.5	98.9	99.0	99.8
2016	34	100.6	100.8	99.7	99.8	100.9
2017	19	100.6	100.9	99.8	100.0	100.9

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1984	15	-273.6	-585.6	-336.3	102.7	103.3	90.7	89.9	98.3	86.5
1985	20	-290.4	-594.5	-434.7	101.6	102.6	87.9	88.1	99.1	75.3
1986	46	-291.6	-585.7	-436.1	100.2	103.2	89.6	88.3	97.9	78.0
1987	145	-293.1	-602.7	-434.3	101.0	103.6	88.5	89.9	98.8	67.1
1988	277	-284.6	-591.9	-434.4	100.9	103.6	88.5	91.1	98.5	66.3
1989	434	-282.7	-569.6	-446.3	100.5	103.0	88.7	91.0	98.1	68.9
1990	659	-285.6	-569.5	-449.9	99.6	103.4	88.4	91.2	98.1	66.3
1991	1088	-272.2	-502.3	-460.8	100.6	102.6	88.5	89.5	98.0	68.5
1992	1462	-264.8	-488.7	-433.6	100.4	102.4	89.0	90.0	98.0	64.8
1993	1614	-262.7	-486.6	-433.7	99.9	102.4	89.7	91.0	98.2	57.9
1994	2109	-254.1	-436.5	-441.0	99.9	102.1	88.8	89.6	98.4	43.9
1995	2324	-249.1	-422.1	-427.5	99.3	102.0	89.0	89.9	98.7	40.9
1996	2112	-248.2	-409.0	-428.1	98.9	101.3	89.3	90.9	98.8	37.4
1997	1719	-242.4	-380.5	-429.4	98.7	100.5	89.8	91.5	98.6	34.3
1998	1687	-241.9	-371.7	-462.0	98.2	100.5	90.0	91.9	98.6	34.1
1999	1398	-228.2	-352.9	-447.8	97.7	100.8	90.6	92.6	99.1	34.8
2000	1009	-203.0	-315.8	-385.5	98.3	100.5	91.6	93.4	99.1	33.5
2001	957	-188.3	-294.0	-356.0	97.6	101.0	92.0	93.9	99.5	29.2
2002	741	-187.3	-265.8	-374.4	96.3	101.1	92.1	93.6	99.5	26.6
2003	700	-174.3	-232.9	-354.7	96.8	99.9	93.0	94.8	98.1	18.2
2004	645	-164.7	-191.0	-361.7	97.3	98.9	93.1	94.8	96.8	12.2
2005	629	-149.2	-159.9	-329.3	97.5	98.8	93.3	94.3	97.4	8.6
2006	528	-139.1	-146.3	-307.3	97.9	98.7	93.9	95.3	97.4	-0.1
2007	542	-119.0	-116.4	-252.3	97.8	98.1	93.8	97.2	95.7	-3.1
2008	432	-107.7	-105.1	-218.0	97.9	98.3	94.1	97.5	96.1	0.2
2009	368	-105.8	-103.0	-193.1	98.2	98.1	94.3	97.5	96.4	-0.3
2010	199	-101.4	-107.2	-189.2	98.0	98.8	95.0	96.9	97.1	0.2
2011	172	-91.1	-100.4	-173.3	98.3	98.4	95.6	98.4	97.2	-0.2
2012	128	-87.8	-95.1	-161.7	98.1	98.4	96.7	98.6	97.5	2.0
2013	220	-70.3	-69.2	-128.8	98.6	98.1	96.7	99.4	98.5	-1.4
2014	110	-72.3	-83.7	-114.0	98.4	98.7	97.1	99.0	99.2	0.7
2015	71	-47.2	-62.9	-103.0	99.3	100.3	97.9	99.2	99.5	-6.2
2016	77	-16.9	-38.0	-36.2	100.6	101.0	98.6	99.3	100.4	-6.0
2017	55	-6.3	-10.1	-26.3	100.6	100.7	99.5	99.7	100.3	-17.8
2018	13	2.8	-2.9	-49.5	100.6	101.8	101.2	98.7	100.9	-10.1

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1990	13	94.9	94.6	99.8	96.9	94.4	96.1	96.8
1991	112	92.4	91.8	98.6	95.8	92.9	94.4	97.1
1992	134	92.5	92.4	98.2	95.3	93.6	94.9	97.2
1993	145	92.7	93.7	97.7	94.7	93.8	96.1	97.3
1994	308	94.1	95.4	99.2	94.6	94.8	97.5	96.5
1995	385	94.5	95.7	99.7	94.7	94.9	98.1	96.2
1996	338	94.5	95.2	99.8	95.4	94.4	98.1	96.0
1997	329	93.9	94.1	99.4	96.0	93.4	97.1	95.8
1998	477	94.1	93.8	99.7	97.1	92.2	96.8	95.2
1999	366	94.8	94.3	100.2	97.4	92.6	97.3	95.3
2000	281	95.4	95.5	99.9	97.6	93.4	98.1	95.5
2001	298	95.6	95.7	100.0	97.2	94.4	98.5	95.5
2002	269	95.5	96.0	99.9	97.0	94.6	98.5	95.1
2003	287	96.4	97.3	99.6	98.0	95.4	97.5	96.0
2004	276	97.0	97.8	100.1	98.5	95.6	97.0	96.3
2005	256	97.3	98.6	100.0	98.3	96.0	96.8	97.0
2006	227	97.5	98.5	100.1	98.8	96.0	96.7	97.3
2007	243	99.1	100.5	100.0	99.7	98.4	96.1	98.9
2008	218	99.4	100.7	100.1	99.9	98.8	96.3	99.2
2009	191	99.3	100.6	99.9	99.9	98.7	96.2	99.4
2010	94	98.7	100.0	99.7	99.5	98.1	96.7	98.6
2011	82	98.8	99.9	99.4	99.6	98.9	97.0	98.6
2012	65	99.0	100.1	99.6	99.6	99.0	97.3	98.4
2013	103	98.6	99.9	99.2	99.5	98.8	97.9	98.0
2014	57	98.5	99.7	99.3	99.0	99.3	97.9	98.1
2015	28	99.2	100.2	99.5	99.7	99.4	98.5	98.7
2016	33	100.4	101.4	100.2	99.8	100.9	99.9	99.2
2017	17	100.3	100.1	100.6	100.5	100.1	100.7	98.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1989	24	95.5	100.0	95.5	100.0	94.2	99.8
1990	24	95.5	100.2	95.5	100.2	94.0	99.2
1991	64	96.7	99.9	96.7	99.9	96.9	97.8
1992	52	95.6	100.4	95.6	100.4	94.9	98.8
1993	60	95.6	100.6	95.6	100.6	95.0	99.1
1994	81	95.8	101.0	95.8	101.0	95.8	99.0
1995	107	95.8	100.9	95.8	100.9	95.9	98.8
1996	79	96.2	101.1	96.2	101.1	95.9	99.4
1997	102	96.6	100.4	96.6	100.4	96.0	99.1
1998	107	96.3	100.9	96.3	100.9	95.5	99.0
1999	107	97.0	101.0	97.0	101.0	96.0	99.4
2000	85	97.3	100.4	97.3	100.4	96.0	100.2
2001	108	97.5	100.8	97.5	100.8	96.2	100.6
2002	61	97.8	100.3	97.8	100.3	96.3	100.4
2003	83	97.6	98.9	97.6	98.9	96.2	99.3
2004	82	96.9	98.6	96.9	98.6	96.2	98.5
2005	88	97.5	98.5	97.5	98.5	97.0	98.4
2006	65	97.3	98.8	97.3	98.8	96.4	99.3
2007	63	97.5	97.5	97.5	97.5	97.1	98.1



2008	70	98.2	97.7	98.2	97.7	97.7	98.3
2009	56	98.2	98.4	98.2	98.4	97.7	98.7
2010	43	97.8	98.7	97.8	98.7	97.8	98.9
2011	36	98.0	98.8	98.0	98.8	98.4	98.9
2012	29	98.0	98.6	98.0	98.6	98.2	98.9
2013	27	99.9	99.3	99.9	99.3	99.9	99.6
2014	20	100.6	99.3	100.6	99.3	100.5	99.7
2015	17	101.4	99.3	101.4	99.3	101.9	99.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	10	97.1	102.7	101.5	90.8	88.2	88.8
1986	26	95.4	103.7	103.7	97.3	100.0	101.9
1987	73	96.5	103.2	102.6	98.0	100.2	101.9
1988	130	96.9	103.7	102.1	97.3	98.9	101.5
1989	169	96.8	103.6	102.1	97.3	99.5	101.8
1990	313	96.9	104.0	101.8	97.2	99.9	100.9
1991	523	96.0	102.4	102.9	95.7	100.4	102.0
1992	683	95.5	103.0	103.5	96.1	100.2	101.2
1993	700	95.7	102.9	103.4	98.1	100.4	99.9
1994	822	95.2	103.1	103.9	98.5	100.0	100.3
1995	892	95.7	103.2	103.2	99.7	99.9	99.1
1996	855	96.1	103.4	103.1	99.1	99.8	98.9
1997	759	95.8	103.1	103.5	98.9	100.4	99.6
1998	724	95.6	103.7	103.8	98.2	100.7	100.0
1999	641	96.1	102.3	103.3	99.0	100.7	99.2
2000	464	96.7	101.6	102.5	99.1	99.9	99.0
2001	461	95.9	101.2	103.5	99.7	99.2	98.8
2002	339	95.4	101.3	103.9	99.1	99.6	99.2
2003	323	95.6	102.4	104.0	98.0	100.4	98.9
2004	265	95.4	103.4	104.2	98.4	102.0	100.2
2005	248	95.9	103.0	103.7	98.2	101.8	100.1
2006	222	95.6	103.1	104.1	99.0	102.7	100.7
2007	230	97.1	103.8	102.6	96.5	104.0	101.2
2008	226	97.2	103.3	102.4	96.6	103.5	101.0
2009	207	97.0	103.1	102.6	97.1	103.3	101.1
2010	124	96.3	102.9	103.5	96.7	101.9	99.7
2011	102	97.1	102.0	102.7	97.8	102.7	100.4
2012	84	97.3	102.6	102.6	97.6	102.0	99.9
2013	116	96.0	101.9	104.4	98.4	101.7	100.3
2014	62	96.3	101.5	104.1	99.2	100.3	99.8
2015	44	97.1	100.9	102.2	99.3	101.4	100.3
2016	49	98.9	100.6	100.5	100.4	101.0	100.0
2017	31	98.3	99.7	101.0	100.8	99.7	99.0
2018	14	97.5	100.6	102.1	100.6	102.8	100.7
2019	10	97.7	99.3	101.8	103.2	99.0	98.5

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1986	17	106.5	111.9	95.5	104.5	109.2	97.6	105.5	98.5	110.6	98.8	105.0
1987	30	106.2	111.8	95.6	104.3	109.6	97.3	105.5	97.7	110.8	98.3	105.2
1988	59	107.8	113.4	95.1	105.5	111.5	97.2	106.8	97.7	112.0	98.4	106.6

1989	85	106.4	112.0	96.0	104.2	109.7	97.4	105.6	97.6	110.6	98.5	105.0
1990	134	106.6	112.2	95.6	104.4	109.9	97.5	105.5	98.3	110.9	98.5	105.3
1991	269	105.0	109.3	96.6	102.8	107.8	96.9	104.3	98.1	109.0	97.9	103.6
1992	364	105.2	109.1	96.3	102.9	107.7	97.0	104.5	98.2	108.9	97.6	104.0
1993	441	105.9	109.1	96.7	103.4	108.2	97.0	105.2	98.3	108.8	98.1	104.7
1994	542	105.8	109.9	96.7	104.3	107.3	97.8	104.8	99.1	108.8	98.3	106.0
1995	711	105.5	109.4	97.5	104.1	106.8	98.6	104.5	99.3	108.2	98.8	105.8
1996	697	105.3	109.5	97.7	104.1	106.7	99.0	104.3	99.0	108.4	99.0	105.7
1997	665	104.7	107.9	98.2	103.3	106.0	98.9	103.8	99.0	107.6	99.0	104.7
1998	711	104.2	107.0	98.1	103.1	105.4	98.5	103.5	99.0	106.9	98.2	104.3
1999	714	103.8	106.8	98.0	103.0	105.1	98.6	103.2	98.9	106.5	98.3	104.0
2000	618	103.7	105.8	98.4	102.4	104.9	98.9	102.8	99.6	106.1	98.6	103.3
2001	711	103.7	105.2	99.9	102.6	104.9	99.4	102.8	99.6	105.6	99.8	102.9
2002	582	103.7	104.7	100.5	102.6	104.8	99.6	103.0	99.4	105.0	100.2	102.6
2003	622	103.5	104.7	100.0	102.5	104.2	99.4	102.5	100.3	104.8	99.7	102.4
2004	562	103.2	103.9	99.7	102.2	103.6	99.1	101.9	101.3	104.4	98.8	102.5
2005	562	103.3	103.0	100.6	101.7	103.5	98.8	102.0	101.4	104.0	98.7	102.6
2006	483	103.2	103.2	100.4	102.1	103.2	98.8	101.8	101.5	104.0	98.8	102.7
2007	528	102.5	103.7	100.0	101.9	102.4	99.2	101.0	101.9	103.8	99.0	101.9
2008	434	102.2	103.5	100.0	101.5	102.4	99.5	100.8	101.5	103.7	99.4	101.4
2009	380	102.1	103.7	99.8	101.7	102.4	99.6	100.8	101.2	103.9	99.5	101.5
2010	196	102.0	103.2	99.7	101.2	102.6	99.3	101.0	100.7	103.6	99.3	101.1
2011	171	101.6	102.7	99.7	100.9	102.0	99.5	100.7	100.5	103.1	99.3	100.6
2012	122	101.2	102.8	99.9	101.0	101.7	100.0	100.4	100.2	103.2	100.0	100.4
2013	228	101.4	101.8	100.5	100.6	101.8	99.9	100.5	100.4	102.8	99.9	100.5
2014	96	101.6	101.2	101.0	100.3	102.1	99.6	101.0	100.1	102.4	100.3	100.1
2015	56	101.6	101.6	100.8	101.2	101.8	99.8	101.3	99.6	102.5	100.5	100.6
2016	51	101.4	102.0	100.6	100.5	102.2	99.5	101.3	99.1	102.7	100.3	100.1
2017	26	101.8	103.0	99.8	101.9	102.0	99.6	101.6	98.8	103.0	100.1	101.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1989	13	97.8	98.8	99.4
1990	16	98.0	99.2	99.0
1991	34	99.0	99.6	99.6
1992	20	97.7	98.6	99.8
1993	30	97.4	98.9	99.1
1994	41	98.6	99.5	99.4
1995	42	98.6	99.5	99.3
1996	39	98.6	99.7	98.9
1997	63	98.2	99.4	98.3
1998	69	97.6	98.9	98.7
1999	72	98.3	99.3	99.2
2000	63	98.0	99.2	99.1
2001	80	98.5	99.3	99.3
2002	47	98.8	99.4	99.5
2003	68	99.4	100.0	99.1
2004	60	99.0	99.7	99.4
2005	64	100.1	100.2	99.8
2006	50	100.2	100.4	99.9
2007	44	100.0	100.1	99.5
2008	55	100.3	100.4	100.2
2009	41	99.6	99.8	99.5
2010	30	99.8	99.7	99.8
2011	29	100.6	101.0	99.4
2012	20	101.0	101.2	99.7
2013	13	100.9	100.6	99.8
2014	13	101.3	100.9	100.0

2015            12    101.1    101.3    100.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	957	-3283.9	-12895.0	-566.0	-467.9
2002	742	-3290.1	-12785.8	-571.6	-466.9
2003	698	-3098.7	-12329.2	-530.0	-443.1
2004	644	-3038.4	-12082.7	-516.0	-436.3
2005	631	-2761.3	-10799.2	-474.1	-394.5
2006	528	-2608.4	-10179.9	-448.8	-372.3
2007	541	-2211.7	-9105.5	-371.5	-318.7
2008	433	-1977.6	-8222.8	-331.4	-285.1
2009	375	-1829.5	-7422.1	-308.5	-263.4
2010	201	-1813.7	-7302.5	-311.9	-258.2
2011	180	-1686.2	-6869.6	-287.5	-241.0
2012	132	-1608.3	-6488.8	-276.3	-229.0
2013	230	-1328.3	-5178.7	-237.7	-184.8
2014	115	-1287.1	-5046.1	-229.1	-179.7
2015	73	-1130.2	-4531.6	-203.7	-156.1
2016	79	-607.0	-2330.2	-116.2	-80.7
2017	57	-483.6	-1610.6	-94.4	-64.2
2018	16	-592.3	-2249.8	-111.0	-80.1

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

Jaar	Aantal	Eff	Int	Gewen
1989	13	98.0	89.2	103.0
1990	13	98.3	88.2	103.2
1991	33	97.8	90.5	103.3
1992	30	98.9	90.1	102.8
1993	43	99.3	89.3	102.8
1994	58	99.2	83.2	103.5
1995	53	99.6	84.2	103.0
1996	52	99.7	84.7	103.3
1997	63	99.6	85.6	103.6
1998	67	99.6	86.0	102.6
1999	54	98.9	86.3	103.1
2000	50	99.5	87.4	102.3
2001	55	99.6	87.1	101.9
2002	32	99.5	88.2	101.6
2003	49	99.0	89.8	101.9
2004	46	99.1	90.0	102.6
2005	29	99.6	90.3	102.6
2006	32	99.9	90.8	101.8
2007	41	99.4	93.4	101.8
2008	37	98.8	94.7	101.9
2009	35	99.5	100.4	99.9
2010	30	98.3	96.8	100.9
2011	19	98.3	96.9	100.3
2012	17	98.7	98.7	100.4
2013	23	100.7	98.3	99.5
2014	17	100.9	98.4	100.4
2015	10	99.9	99.8	99.6

Tabel: 101 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1984	15	96.7	96.1	2	-4.1	86.5	0	0.0
1985	20	97.3	95.7	20	-5.1	75.3	0	0.0
1986	46	97.0	95.8	46	-5.0	78.0	0	0.0
1987	145	97.1	95.7	145	-5.0	67.1	0	0.0
1988	277	96.8	95.7	277	-4.9	66.3	0	0.0
1989	434	97.2	96.3	434	-4.8	68.9	0	0.0
1990	659	96.8	96.2	660	-4.8	66.3	0	0.0
1991	1088	96.6	96.2	1090	-4.4	68.5	0	0.0
1992	1462	97.0	96.1	1462	-4.2	64.8	0	0.0
1993	1614	96.8	96.1	1615	-4.1	57.9	0	0.0
1994	2109	96.8	96.7	2110	-3.5	43.9	0	0.0
1995	2324	97.1	96.9	2325	-3.4	40.9	0	0.0
1996	2112	97.2	96.6	2113	-3.2	37.4	0	0.0
1997	1719	97.5	96.3	1719	-3.0	34.3	0	0.0
1998	1687	97.1	96.1	1687	-2.9	34.1	0	0.0
1999	1398	97.5	96.3	1398	-2.8	34.8	0	0.0
2000	1009	98.2	97.0	1009	-2.6	33.5	0	0.0
2001	957	99.0	96.9	957	-2.4	29.2	442	98.2
2002	741	99.4	96.5	743	-2.2	26.6	369	98.4
2003	700	99.9	97.2	700	-1.8	18.2	357	99.4
2004	645	99.7	97.3	645	-1.4	12.2	307	99.6
2005	629	100.4	97.5	631	-1.1	8.6	286	100.0
2006	528	100.9	98.5	529	-0.9	-0.1	243	100.9
2007	542	101.5	99.7	542	-0.7	-3.1	255	101.2
2008	432	101.6	100.0	432	-0.7	0.2	228	100.8
2009	368	101.6	99.9	375	-0.6	-0.3	201	100.8
2010	199	101.1	98.9	201	-0.7	0.2	101	100.6
2011	172	101.0	99.0	180	-0.6	-0.2	93	101.2
2012	128	101.4	98.7	131	-0.6	2.0	66	100.3
2013	220	101.4	98.1	230	-0.5	-1.4	108	100.4
2014	110	101.9	98.4	118	-0.6	0.7	61	100.4
2015	71	101.1	98.6	76	-0.4	-6.2	31	101.0
2016	77	101.9	98.3	82	-0.2	-6.0	38	100.7
2017	55	102.6	98.3	58	0.2	-17.8	20	102.3
2018	13	102.5	97.5	17	0.1	-10.1	9	101.3

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	17	99.7	0	0.0	0	0.0	17	96.8
1988	26	100.0	0	0.0	0	0.0	26	98.0
1989	43	100.0	0	0.0	0	0.0	43	97.2
1990	62	100.0	1	101.0	1	97.0	62	97.2
1991	131	99.3	10	97.0	9	99.3	131	95.7
1992	170	99.5	1	96.0	1	100.0	170	95.8
1993	183	99.7	2	97.5	2	100.5	183	95.7
1994	244	99.2	10	99.3	10	96.7	244	95.6
1995	328	99.6	7	101.1	7	97.1	328	95.9
1996	277	99.6	6	101.7	6	97.3	277	95.9
1997	284	99.2	10	98.4	10	98.7	284	95.6

1998	297	99.1	7	99.9	7	97.3	297	94.7
1999	300	99.3	7	99.7	7	99.7	300	95.2
2000	246	99.8	5	102.2	5	99.2	246	95.9
2001	268	100.0	4	99.8	4	98.8	268	96.4
2002	222	100.5	2	104.0	2	99.5	222	96.7
2003	258	99.9	4	98.5	4	101.2	258	96.6
2004	271	99.0	5	98.0	5	98.6	271	96.1
2005	288	98.3	1	99.0	1	103.0	288	95.6
2006	250	98.1	1	100.0	1	102.0	250	95.7
2007	337	98.1	1	95.0	1	102.0	337	96.3
2008	298	98.5	1	101.0	1	106.0	298	97.1
2009	291	98.4	0	0.0	0	0.0	291	96.8
2010	192	98.9	3	100.3	3	98.3	192	97.1
2011	169	99.1	0	0.0	0	0.0	169	97.9
2012	125	99.2	2	100.0	2	101.0	125	98.1
2013	216	99.2	0	0.0	0	0.0	216	97.6
2014	105	99.5	0	0.0	0	0.0	105	98.1
2015	68	99.7	0	0.0	0	0.0	68	99.2
2016	74	99.8	0	0.0	0	0.0	74	100.2
2017	49	99.8	0	0.0	0	0.0	49	100.5
2018	13	100.1	0	0.0	0	0.0	13	101.3

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1991	16	101.8	102.2	102.6	100.8	100.3	100.1
1994	17	101.3	100.9	102.9	100.0	99.5	100.6
1995	18	101.4	101.1	103.1	100.0	100.1	100.9
1996	13	101.1	100.9	102.8	99.8	99.2	100.5
1997	16	99.5	99.2	100.3	99.1	98.9	98.6
1998	21	99.4	98.8	101.1	98.6	99.1	99.2
1999	21	100.3	99.8	101.9	99.4	99.3	99.5
2000	16	98.9	99.0	100.2	98.1	97.9	98.8
2001	14	100.1	99.8	101.6	98.8	99.9	99.4
2002	10	99.2	98.5	100.9	98.2	99.9	99.3
2003	16	99.9	100.6	100.4	98.7	99.2	100.0
2004	14	100.6	100.6	101.5	99.1	100.2	100.2
2005	12	99.4	100.1	99.3	98.5	99.9	99.2
2010	14	100.2	100.1	101.1	98.6	101.4	99.7
2012	11	100.1	101.0	99.8	99.0	99.9	99.9

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-1439.5	-57.5	-62.1	-72.5	12.6	-17.8	-12.5	-397.1
1981	25	-1324.9	-47.4	-59.8	-67.2	22.4	-21.4	-12.3	-365.0
1982	41	-1291.7	-48.2	-59.0	-65.7	18.9	-21.8	-12.1	-363.1
1983	79	-1352.2	-53.4	-61.5	-68.5	14.2	-22.4	-12.4	-384.8
1984	131	-1454.9	-58.7	-64.1	-73.1	12.5	-20.6	-12.5	-408.1
1985	179	-1386.8	-53.1	-61.7	-70.0	17.5	-20.5	-12.2	-385.8
1986	348	-1248.6	-51.7	-58.1	-63.7	8.7	-22.5	-12.1	-365.9
1987	623	-1247.0	-50.2	-58.1	-63.6	11.4	-22.7	-12.1	-362.8
1988	715	-1226.3	-49.9	-57.0	-62.7	9.9	-22.1	-12.1	-357.4
1989	675	-1234.3	-47.2	-56.5	-63.1	16.3	-20.2	-12.1	-349.9

1990	749	-1282.5	-47.2	-56.9	-65.3	21.0	-17.6	-12.2	-352.0
1991	625	-1144.5	-42.6	-51.1	-58.9	17.2	-16.2	-11.9	-316.9
1992	488	-1027.2	-40.1	-48.3	-53.6	12.1	-18.4	-11.7	-298.2
1993	601	-785.2	-34.0	-40.4	-42.5	3.1	-19.7	-11.4	-249.7
1994	718	-644.4	-26.7	-34.2	-36.1	4.5	-17.5	-11.2	-206.9
1995	433	-567.0	-22.2	-30.7	-32.5	6.1	-16.1	-11.0	-182.2
1996	271	-500.8	-21.0	-30.2	-29.6	3.3	-19.1	-11.0	-176.6
1997	128	-364.9	-15.6	-25.0	-23.3	1.8	-18.4	-10.8	-142.3
1998	54	-337.9	-11.5	-23.0	-22.0	6.1	-17.1	-10.6	-125.3
1999	59	-324.1	-11.9	-20.3	-21.6	4.7	-13.0	-10.9	-114.8
2000	32	-299.6	-12.0	-19.7	-20.0	3.1	-13.5	-10.3	-111.8
2001	27	120.0	3.9	-3.5	0.1	-0.9	-11.7	-7.9	-6.0
2002	34	54.1	-2.0	-8.7	-1.6	-5.0	-15.9	-6.0	-40.6
2003	31	79.8	3.3	-6.4	2.2	1.6	-13.7	-2.1	-18.6
2004	32	21.2	3.4	-7.9	-1.2	4.6	-12.9	-3.3	-25.6
2005	28	519.2	24.4	8.7	20.4	3.2	-14.1	-5.0	93.1
2006	20	658.5	18.5	10.4	25.4	-13.9	-18.5	-6.8	89.0
2007	26	370.0	21.7	7.5	12.0	8.5	-8.1	-7.7	79.7
2008	26	101.7	11.7	-0.6	2.5	11.6	-6.3	-3.0	23.0
2009	17	319.4	17.0	5.0	9.8	4.9	-9.6	-7.1	59.2
2010	11	388.3	9.8	1.3	12.0	-8.9	-17.8	-8.6	29.4
2011	12	445.5	23.6	10.9	15.2	6.6	-7.8	-8.2	98.8
2013	16	704.1	23.5	17.1	26.0	-10.4	-11.7	-8.9	127.3
2014	22	416.1	16.3	7.9	13.8	-2.2	-10.4	-8.0	70.9
2015	15	482.7	18.4	8.1	15.1	-2.9	-12.5	-10.5	76.5

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	15	94.6	92.9	96.0	97.5	100.0	93.0	97.8
1982	29	97.0	92.3	97.6	99.3	98.9	92.4	99.2
1983	40	96.5	92.3	97.1	99.1	98.4	93.7	98.5
1984	64	95.2	93.6	97.3	98.1	100.0	94.1	98.5
1985	86	95.7	92.7	97.3	98.7	99.0	93.8	97.4
1986	164	96.0	92.0	98.0	100.0	97.8	92.6	97.2
1987	301	96.4	92.9	98.8	100.3	98.1	92.9	97.6
1988	368	96.6	92.4	98.4	100.2	98.0	93.3	97.6
1989	387	96.8	92.7	98.5	100.4	97.8	93.1	97.6
1990	446	97.3	92.5	98.5	100.3	97.8	93.5	98.2
1991	355	97.2	92.0	98.4	100.6	97.0	93.5	97.8
1992	266	98.0	92.5	99.3	101.2	97.1	92.8	98.5
1993	324	99.1	92.9	100.3	102.3	96.7	92.6	99.4
1994	366	99.8	93.2	101.4	103.6	96.2	92.1	99.9
1995	207	99.6	93.8	101.7	103.6	96.5	92.3	99.6
1996	120	100.2	93.8	102.4	104.3	96.2	94.1	99.0
1997	57	99.8	93.9	102.2	104.0	96.4	94.3	98.4
1998	25	99.7	94.6	102.5	104.0	96.6	94.2	98.3
1999	27	100.6	94.4	102.6	104.1	95.4	93.9	98.6
2000	12	101.4	95.7	103.2	104.4	96.7	92.5	98.4
2001	14	101.1	94.6	101.7	103.5	95.8	92.9	99.1
2002	18	101.1	96.4	102.2	103.6	97.7	96.1	99.8
2003	10	103.3	94.8	104.9	106.9	94.5	94.9	98.0
2004	14	102.1	96.6	102.9	104.1	96.5	95.8	98.7
2005	17	103.1	96.4	104.3	106.1	95.5	96.0	99.3
2006	15	103.0	94.9	103.1	105.5	94.9	95.5	97.3

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1981	15	93.1	98.9	99.7	90.5	91.3
1982	29	93.6	99.7	99.0	91.1	91.9
1983	40	93.7	99.8	98.5	91.4	92.5
1984	64	95.1	99.5	98.6	92.1	94.0
1985	86	94.4	99.3	98.6	91.9	93.5
1986	164	94.2	101.4	97.5	92.0	93.3
1987	301	95.0	101.0	97.0	91.9	94.3
1988	368	95.4	100.8	97.2	91.8	94.8
1989	387	95.6	101.0	97.3	92.0	95.1
1990	446	95.7	100.6	98.0	92.1	95.0
1991	355	95.0	101.6	97.4	91.8	94.0
1992	266	95.2	101.3	97.4	91.8	94.2
1993	324	95.0	103.1	96.7	93.0	94.5
1994	366	94.5	104.6	95.8	93.4	94.1
1995	207	94.1	104.3	95.4	92.7	93.9
1996	120	95.4	102.3	96.5	92.5	95.3
1997	57	94.8	102.9	95.5	92.1	94.9
1998	25	94.9	104.3	94.4	92.3	95.1
1999	27	96.1	101.9	96.9	92.7	96.1
2000	12	96.3	103.2	96.8	94.0	96.7
2001	14	95.9	103.0	96.1	93.0	95.9
2002	18	98.3	101.4	98.6	94.6	97.9
2003	10	97.0	103.2	96.7	94.5	97.8
2004	14	97.6	101.9	98.3	95.0	98.0
2005	17	96.9	103.1	96.1	95.2	98.1
2006	15	98.0	101.8	97.9	88.9	98.7

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1981	15	97.7	96.7	101.1	100.3	98.8	98.0	95.7
1982	29	99.6	97.1	99.6	101.8	99.8	97.8	95.8
1983	40	99.6	96.8	99.1	101.3	99.5	98.5	95.9
1984	64	99.4	96.0	102.0	99.9	98.2	97.8	95.3
1985	86	100.0	96.5	101.7	100.5	99.5	99.0	96.2
1986	164	100.5	97.1	100.4	100.1	99.7	98.8	96.2
1987	301	100.4	97.3	101.5	100.1	100.1	98.9	96.4
1988	368	100.2	97.3	101.7	100.4	100.0	98.9	96.4
1989	387	99.9	97.4	101.7	100.3	99.8	98.7	96.3
1990	446	99.9	97.5	100.7	100.6	99.4	98.0	95.6
1991	355	100.2	97.1	100.4	100.4	99.6	97.9	95.4
1992	266	100.6	97.5	99.8	100.7	100.1	98.3	96.1
1993	324	101.2	98.5	99.4	100.9	99.4	98.8	97.0
1994	366	101.5	99.2	98.6	100.6	98.8	99.4	97.4
1995	207	101.4	99.7	99.2	100.3	99.3	99.8	98.0
1996	120	100.5	101.2	98.9	98.8	99.6	99.8	99.0
1997	57	100.9	100.4	99.1	99.8	100.6	100.2	98.7
1998	25	100.7	101.1	99.2	99.2	101.5	101.4	99.7
1999	27	101.0	99.7	99.8	100.3	102.1	100.7	98.6
2000	12	102.1	101.3	101.2	100.6	102.5	102.0	100.3
2001	14	100.4	100.1	100.0	101.1	102.1	101.6	99.2
2002	18	101.3	99.7	99.8	101.4	102.4	101.3	99.1
2003	10	103.2	102.8	97.4	102.3	104.7	103.6	102.3

2004	14	101.9	102.7	98.1	102.6	103.5	102.9	101.4
2005	17	102.2	102.9	98.4	101.9	103.7	103.3	101.9
2006	15	102.2	102.9	100.1	101.5	105.9	103.1	101.3

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	15	91.4	96.9	99.1	91.1	95.5	91.7
1982	29	92.2	97.7	100.6	91.6	94.7	93.1
1983	40	92.3	97.0	100.5	92.1	94.6	93.3
1984	64	93.1	97.9	99.4	93.4	96.9	93.8
1985	86	92.0	97.0	100.3	92.6	95.1	93.4
1986	164	91.3	97.0	100.5	92.4	93.7	93.1
1987	301	92.2	97.9	100.6	93.5	94.4	94.2
1988	368	92.1	97.5	100.5	94.2	94.6	94.5
1989	387	92.2	97.5	100.3	94.3	94.3	94.4
1990	446	92.6	97.5	100.3	94.4	94.6	94.6
1991	355	92.2	97.0	100.3	93.4	93.3	93.9
1992	266	92.7	97.7	100.8	93.6	93.3	94.5
1993	324	93.4	98.5	100.9	93.6	92.8	94.9
1994	366	93.9	99.2	100.7	92.9	92.3	94.6
1995	207	94.1	99.4	100.8	92.6	92.9	94.7
1996	120	95.0	99.5	99.8	94.3	93.7	95.4
1997	57	94.7	99.5	100.9	93.6	93.9	95.5
1998	25	94.9	99.8	101.1	93.8	93.6	95.6
1999	27	95.0	98.9	101.7	95.3	94.2	96.8
2000	12	94.5	100.0	102.4	95.8	94.5	97.5
2001	14	94.6	99.1	102.0	94.9	93.9	96.5
2002	18	97.2	100.6	102.4	97.2	96.2	99.1
2003	10	95.7	99.8	104.3	96.8	93.6	99.3
2004	14	96.4	100.0	103.6	97.1	95.8	99.4
2005	17	97.3	100.6	103.4	96.8	95.1	99.4
2006	15	95.2	99.1	104.2	97.7	93.9	99.5

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	43	101.1	102.5	100.7	101.1	100.3	100.0	92.3	101.0
1981	69	101.9	100.0	99.7	99.1	100.2	100.8	92.7	99.3
1982	86	101.2	99.9	99.1	98.6	99.7	100.6	93.9	98.7
1983	127	101.1	100.6	99.7	99.5	100.0	100.8	93.1	99.6
1984	200	101.2	101.0	100.1	100.2	100.4	100.6	93.2	100.2
1985	258	100.9	101.1	100.1	100.2	100.4	100.9	93.4	100.1
1986	427	100.7	100.6	99.9	99.9	100.3	101.1	94.4	99.9
1987	695	101.4	100.2	99.9	99.6	100.5	101.8	94.8	99.7
1988	763	101.3	100.4	100.0	99.7	100.6	102.0	94.7	99.9
1989	722	100.8	100.2	99.5	99.3	100.0	101.5	94.5	99.4
1990	788	100.8	100.8	100.1	100.0	100.6	102.2	95.0	100.0
1991	676	100.7	100.3	99.8	99.6	100.3	102.0	95.9	99.6
1992	528	100.4	100.1	99.4	99.2	99.9	101.9	96.6	99.2
1993	646	100.3	99.9	99.0	98.8	99.6	102.3	97.0	98.8
1994	785	100.2	99.5	98.7	98.3	99.5	102.7	97.3	98.3
1995	481	99.9	99.2	98.3	97.9	99.0	102.3	97.6	97.9
1996	299	100.0	98.7	98.3	97.5	99.1	101.7	98.4	97.7



1997	153	99.7	98.3	97.9	97.1	98.8	102.0	98.5	97.3
1998	56	99.2	98.8	98.2	97.4	98.6	102.2	98.9	97.6
1999	62	99.5	98.0	97.8	97.0	98.6	102.0	98.9	97.1
2000	33	99.2	98.5	97.7	97.3	98.4	101.3	99.0	97.4
2001	28	99.3	98.0	97.9	97.1	98.7	101.2	99.5	97.3
2002	35	99.5	97.8	97.9	96.9	98.6	101.1	100.0	97.2
2003	32	96.5	99.0	96.9	96.6	96.8	100.1	102.0	96.6
2004	34	96.7	99.2	97.1	96.7	96.9	99.6	102.5	96.8
2005	32	98.0	97.2	96.9	95.8	97.4	100.8	101.9	96.2
2006	22	97.6	97.3	96.7	95.5	97.1	100.0	102.9	95.9
2007	27	95.7	97.8	95.7	95.0	95.8	100.1	104.4	95.2
2008	36	97.2	98.8	97.3	96.7	97.3	100.5	102.7	96.9
2009	34	96.9	98.4	97.0	96.4	97.3	100.9	104.1	96.5
2010	16	97.5	98.6	98.1	97.0	98.1	101.2	104.6	97.3
2011	12	97.6	99.1	97.8	97.3	98.2	100.1	103.3	97.4
2013	23	98.6	96.3	96.8	95.4	97.9	100.7	102.3	95.9
2014	28	98.6	97.5	98.1	96.7	98.4	99.4	104.1	97.2
2015	27	100.4	98.3	99.8	98.1	100.4	102.8	104.7	98.9
2016	20	98.6	97.7	97.8	96.7	98.2	100.3	102.5	96.9
2017	13	98.5	99.0	99.2	98.3	99.1	101.4	104.4	98.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	15	99.0	85.3	95.6	103.7	104.4
1982	27	99.5	98.8	95.8	103.7	103.7
1983	38	98.8	94.9	94.6	102.5	103.0
1984	62	97.6	91.8	94.5	102.6	103.5
1985	83	98.2	88.3	94.3	102.5	103.1
1986	159	97.6	93.7	93.7	101.5	102.3
1987	302	98.1	96.1	93.7	101.4	101.8
1988	352	98.0	94.9	93.7	101.3	101.9
1989	355	97.2	95.7	93.8	101.2	101.9
1990	412	97.8	95.3	93.4	100.5	101.1
1991	322	98.2	96.5	93.6	100.9	101.2
1992	262	98.4	96.8	94.0	101.1	101.4
1993	305	99.9	96.8	94.0	101.1	100.7
1994	357	101.2	97.2	94.2	101.3	100.2
1995	204	100.3	97.7	94.2	101.0	100.2
1996	123	100.5	97.8	93.0	99.5	99.8
1997	55	99.5	98.5	93.7	100.0	100.0
1998	26	99.3	97.8	94.0	100.3	100.1
1999	27	98.2	96.6	93.6	99.7	99.2
2000	13	98.8	97.1	95.2	101.0	100.7
2001	14	98.4	96.6	93.4	99.8	98.9
2002	19	99.7	98.8	94.4	99.8	99.5
2004	14	99.4	97.2	93.9	99.6	99.1
2005	17	99.4	98.6	95.0	99.7	99.2
2006	15	99.1	99.5	95.8	100.8	100.2

Tabel: 111 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	13	-174.0	-397.1	-115.5	105.5	101.0	97.4	91.6	97.8	0.0

1981	25	-169.6	-365.0	-94.3	104.6	99.3	99.1	91.1	97.7	120.0
1982	41	-156.6	-363.1	2.1	104.1	98.7	100.6	91.6	97.3	60.0
1983	79	-170.6	-384.8	-87.3	103.2	99.6	100.5	92.1	97.7	0.0
1984	131	-166.4	-408.1	-101.6	103.5	100.2	99.4	93.4	98.1	0.0
1985	179	-165.1	-385.8	-133.5	103.2	100.1	100.3	92.6	98.5	84.1
1986	348	-166.8	-365.9	-128.1	102.2	99.9	100.5	92.4	98.4	81.7
1987	623	-165.1	-362.8	-154.8	101.8	99.7	100.6	93.5	97.9	71.9
1988	715	-155.5	-357.4	-140.0	101.9	99.9	100.5	94.2	98.1	71.2
1989	675	-159.3	-349.9	-145.4	101.8	99.4	100.3	94.3	97.8	71.3
1990	749	-157.0	-352.0	-109.4	101.0	100.0	100.3	94.4	97.9	70.2
1991	625	-156.3	-316.9	-114.5	101.2	99.6	100.3	93.4	97.8	71.7
1992	488	-147.6	-298.2	-105.4	101.5	99.2	100.8	93.6	98.0	64.8
1993	601	-127.6	-249.7	-110.8	101.0	98.8	100.9	93.6	98.3	53.6
1994	718	-117.7	-206.9	-95.6	100.7	98.3	100.7	92.9	98.5	47.8
1995	433	-114.1	-182.2	-99.6	100.6	97.9	100.8	92.6	98.5	42.7
1996	271	-113.3	-176.6	-83.6	99.6	97.7	99.8	94.3	98.9	43.5
1997	128	-108.8	-142.3	-122.9	99.9	97.3	100.9	93.6	98.8	42.9
1998	54	-97.3	-125.3	-128.7	100.2	97.6	101.1	93.8	98.7	37.8
1999	59	-94.2	-114.8	-128.3	99.3	97.1	101.7	95.3	98.9	39.5
2000	32	-78.7	-111.8	-173.1	100.9	97.4	102.4	95.8	99.2	30.9
2001	27	-49.4	-6.0	-35.1	99.2	97.3	102.0	94.9	98.4	31.7
2002	34	-55.8	-40.6	-55.2	99.5	97.2	102.4	97.2	98.8	28.9
2003	31	-34.5	-18.6	-32.3	99.3	96.6	104.3	96.8	98.5	38.5
2004	32	-39.2	-25.6	-79.2	99.2	96.8	103.6	97.1	97.3	15.3
2005	28	-7.3	93.1	33.6	99.4	96.2	103.4	96.8	97.5	11.1
2006	20	14.2	89.0	110.0	100.4	95.9	104.2	97.7	98.1	21.9
2007	26	9.1	79.7	57.5	100.1	95.2	103.0	99.5	96.0	9.2
2008	26	-27.7	23.0	-45.3	98.6	96.9	103.3	99.3	97.7	20.3
2009	17	0.5	59.2	62.9	99.1	96.5	104.9	100.0	97.4	4.9
2010	11	-0.3	29.4	111.9	99.9	97.3	109.5	100.5	99.0	19.8
2011	12	36.1	98.8	87.7	99.8	97.4	105.0	99.2	99.2	8.7
2013	16	43.6	127.3	121.8	100.0	95.9	105.1	98.6	98.6	5.5
2014	22	19.8	70.9	72.0	100.3	97.2	102.6	100.1	99.1	-0.2
2015	15	18.9	76.5	99.2	98.0	98.9	104.4	100.9	98.5	7.3

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1991	20	92.2	93.3	96.1	94.3	94.3	96.8	99.1
1992	16	91.3	93.3	95.1	92.8	95.5	97.6	99.6
1993	39	93.0	96.9	94.8	93.1	95.4	100.5	99.5
1994	69	93.1	96.9	95.2	93.1	95.4	100.9	99.3
1995	58	93.3	96.3	96.2	93.5	95.3	100.5	98.7
1996	34	94.5	96.3	97.7	94.9	95.4	100.6	97.9
1997	18	93.8	95.4	96.9	95.0	95.4	98.6	98.8
1998	10	93.8	97.1	96.4	94.9	95.2	97.5	98.4
2002	14	95.4	97.4	97.2	95.9	97.4	99.4	98.6
2004	10	97.8	98.9	98.7	98.1	98.9	97.9	99.9
2005	13	97.9	100.0	98.2	97.8	98.6	100.0	100.5
2006	14	96.6	98.0	97.8	97.6	97.6	99.2	99.9

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1982	12	99.4	96.5	99.4	96.5	92.3	96.2
1983	10	98.9	97.4	98.9	97.4	92.1	97.4
1985	13	101.3	96.8	101.3	96.8	93.9	97.9
1986	22	100.9	96.6	100.9	96.6	93.9	97.5
1987	34	100.1	96.9	100.1	96.9	92.9	97.4
1988	30	100.1	97.2	100.1	97.2	93.4	97.7
1989	26	100.5	96.8	100.5	96.8	93.8	97.5
1990	27	99.0	96.9	99.0	96.9	92.3	97.3
1991	40	99.8	97.3	99.8	97.3	93.2	97.3
1992	30	100.1	96.8	100.1	96.8	92.8	96.5
1993	36	100.8	97.2	100.8	97.2	94.3	96.6
1994	46	100.2	97.5	100.2	97.5	93.8	96.6
1995	36	101.2	96.8	101.2	96.8	95.1	96.3
1996	32	101.7	97.6	101.7	97.6	95.2	97.2
1997	25	102.3	96.8	102.3	96.8	95.7	97.3
1998	17	101.6	97.4	101.6	97.4	95.1	97.3
1999	14	101.4	96.9	101.4	96.9	95.2	97.1
2000	14	102.5	97.9	102.5	97.9	96.0	98.5
2001	14	102.3	96.1	102.3	96.1	96.1	97.1
2002	21	101.7	97.2	101.7	97.2	95.5	98.0
2003	10	102.2	96.7	102.2	96.7	94.5	97.3
2004	19	101.9	95.8	101.9	95.8	95.9	96.8
2005	19	101.6	96.1	101.6	96.1	95.3	96.9
2006	15	102.3	96.3	102.3	96.2	95.2	96.7
2007	12	103.2	95.7	103.2	95.7	96.9	96.8
2008	24	102.5	96.4	102.5	96.3	96.2	96.9
2009	20	103.1	95.5	103.1	95.5	96.9	96.8
2014	11	102.1	96.9	102.1	96.9	96.7	97.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1981	18	93.3	104.1	108.4	95.0	92.2	97.5
1982	30	93.7	105.4	107.9	97.6	95.6	98.2
1983	45	94.3	103.6	106.8	96.8	94.1	96.0
1984	78	95.9	102.3	104.9	101.4	96.6	98.5
1985	115	97.2	101.4	103.3	96.6	93.0	94.2
1986	188	96.5	101.6	104.0	100.9	97.6	98.4
1987	303	96.1	102.4	104.7	100.4	98.2	100.1
1988	355	97.2	102.2	103.4	99.7	97.4	99.8
1989	293	96.3	102.6	104.5	99.5	97.1	99.6
1990	365	96.3	102.9	104.4	100.7	98.2	99.2
1991	309	96.1	101.9	104.5	100.0	99.0	100.0
1992	241	95.7	102.6	105.1	100.3	98.8	99.5
1993	276	96.1	102.3	104.8	99.2	97.1	96.8
1994	281	95.9	101.8	105.0	101.5	99.3	98.5
1995	191	95.3	102.4	105.8	102.5	100.3	100.3
1996	98	96.4	102.4	104.8	102.1	100.0	100.3
1997	68	96.3	101.9	104.8	99.7	98.3	98.7
1998	23	96.6	101.3	104.2	101.6	99.8	99.9
1999	30	96.2	101.9	105.1	102.5	99.3	99.3
2000	19	97.9	99.3	102.8	92.1	87.7	88.7
2001	14	96.3	100.5	104.6	102.3	98.5	99.9

2002	24	96.9	100.8	103.7	98.5	94.9	94.7
2003	13	95.0	101.3	105.9	101.2	99.0	98.6
2004	22	96.8	102.1	104.1	100.9	101.0	99.8
2005	20	96.6	102.2	104.5	101.0	101.4	100.5
2006	12	97.2	102.2	103.8	99.3	100.0	100.8
2007	13	96.8	101.8	103.8	98.5	101.9	101.5
2008	21	97.9	101.4	103.0	100.1	101.5	102.3
2009	12	96.7	100.9	104.3	99.2	102.1	102.8
2013	13	96.3	101.5	104.8	99.9	100.2	100.8
2014	16	97.0	100.9	103.8	100.9	99.9	98.5
2015	12	96.5	99.6	103.8	99.4	99.1	98.2

Tabel: 115 MRIJ - Holstein Friesian roodbont: Vleeskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1982	17	102.3	99.4	99.2	102.1	99.9	99.2	103.1	99.6	101.0	99.1	101.8
1983	27	101.7	98.1	99.0	101.6	99.3	99.1	102.9	99.0	100.3	98.7	101.8
1984	33	102.8	101.5	98.5	102.8	101.9	98.8	103.2	99.3	102.8	98.6	102.9
1985	44	102.0	99.6	97.7	101.1	100.3	97.5	102.8	99.0	101.1	97.6	101.3
1986	90	101.2	98.2	98.9	100.7	99.2	98.4	101.8	99.7	100.4	98.1	100.6
1987	149	101.9	98.3	98.4	100.9	99.8	98.5	102.7	99.5	100.7	98.0	101.6
1988	131	101.9	98.7	98.5	101.0	100.3	98.5	102.8	99.1	101.1	98.3	101.7
1989	131	101.6	97.4	99.1	100.5	99.5	98.4	102.8	98.9	100.0	98.1	101.3
1990	140	101.4	98.7	98.4	101.5	99.3	99.0	102.2	99.3	100.7	98.2	101.8
1991	141	100.6	97.4	98.8	100.3	98.5	98.9	101.4	99.2	100.0	98.2	100.7
1992	128	100.4	96.5	99.0	100.1	98.0	98.6	101.4	99.3	99.3	97.8	100.6
1993	167	101.5	95.2	99.9	100.3	98.2	98.0	102.7	99.9	98.2	98.4	101.3
1994	198	101.9	93.8	100.6	100.4	97.5	97.5	103.4	100.2	97.1	98.4	102.0
1995	138	101.4	93.8	100.8	100.3	96.7	98.1	102.8	100.7	96.9	98.2	102.1
1996	82	101.0	94.7	100.5	100.6	96.4	99.4	101.9	101.0	97.1	98.6	102.1
1997	62	100.4	94.3	100.8	100.0	96.4	99.2	101.3	100.7	97.3	98.5	101.0
1998	30	99.8	94.0	101.0	100.1	95.6	99.0	101.0	100.4	96.7	98.0	101.0
1999	34	99.8	92.8	101.1	99.5	95.5	99.2	101.1	100.5	95.9	98.4	100.2
2000	25	99.7	94.1	100.2	101.0	95.4	99.4	101.0	100.4	96.1	98.5	100.4
2001	21	98.0	92.6	102.2	98.7	95.1	100.3	99.0	100.1	95.9	99.6	98.5
2002	31	98.3	93.3	101.8	99.2	95.1	100.3	99.5	99.6	95.9	99.2	99.1
2003	26	98.0	91.3	102.4	99.1	93.3	100.2	99.2	101.1	94.3	99.4	98.1
2004	28	98.1	93.0	100.4	100.2	93.4	99.6	99.1	101.2	94.8	97.8	99.5
2005	29	97.7	90.8	101.5	99.6	92.3	100.0	98.9	101.3	93.6	98.3	99.3
2006	19	98.0	90.3	102.5	98.4	93.5	100.0	99.4	101.0	93.4	99.7	97.6
2007	23	96.2	90.6	101.9	97.9	91.0	100.7	97.0	102.1	93.6	98.9	97.0
2008	20	97.9	92.2	101.2	99.5	93.3	100.5	98.8	101.3	94.8	99.0	99.0
2009	19	96.4	90.2	102.7	98.4	91.1	101.0	97.7	101.4	92.8	100.2	96.4
2013	18	95.7	91.7	102.1	98.8	91.7	102.2	97.3	99.1	93.9	100.4	97.1
2014	14	96.4	90.4	101.9	98.3	91.9	101.4	97.8	99.9	93.6	99.1	98.4
2015	11	95.9	90.7	100.7	98.3	91.9	101.8	97.0	99.9	93.5	99.5	97.2

Tabel: 116 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	10	98.7	98.7	101.6
1983	10	98.8	99.1	101.5
1986	18	98.3	97.9	102.1
1987	21	97.8	97.7	101.8

1988	15	98.5	97.7	101.9
1989	14	96.9	97.1	101.2
1990	18	97.1	97.5	101.3
1991	27	97.5	97.7	101.6
1992	22	97.5	97.6	101.1
1993	29	97.9	98.1	101.5
1994	26	97.7	97.9	101.4
1995	29	99.3	99.0	101.8
1996	25	98.8	98.6	101.4
1997	26	99.2	98.9	101.3
1998	17	99.1	98.8	101.8
1999	13	98.7	98.5	101.9
2000	13	98.0	98.5	102.2
2001	15	99.6	98.9	101.4
2002	21	98.9	98.9	100.9
2003	10	100.6	99.9	101.1
2004	19	100.1	99.3	101.1
2005	19	100.6	99.7	101.1
2006	15	100.7	99.8	100.7
2007	13	101.0	100.5	101.6
2008	26	99.5	99.0	101.0
2009	22	99.9	99.2	101.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	27	-460.7	-1727.4	-58.7	-76.4
2002	34	-690.2	-2448.7	-97.2	-110.3
2003	30	-479.6	-1850.0	-51.4	-84.2
2004	32	-787.2	-3206.3	-103.0	-128.5
2005	29	359.8	1424.2	102.6	30.4
2006	20	827.0	4068.6	159.2	106.5
2007	26	461.0	1516.5	116.7	47.5
2008	26	-387.8	-2011.8	-31.8	-71.3
2009	17	419.0	1508.8	105.4	43.2
2010	12	692.5	3435.3	147.0	82.1
2011	12	758.4	2756.8	162.3	92.5
2013	17	1031.9	4328.1	188.9	140.5
2014	24	529.1	2148.1	114.3	63.3
2015	18	750.8	3358.2	156.6	91.6

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	13	100.2	98.5	0	0.0	0.0	0	0.0
1981	25	99.0	98.7	1	-2.1	120.0	0	0.0
1982	41	98.6	100.0	2	-2.5	60.0	0	0.0
1983	79	98.2	98.8	0	0.0	0.0	0	0.0
1984	131	97.9	98.0	0	0.0	0.0	0	0.0
1985	179	97.4	98.2	179	-3.8	84.1	0	0.0
1986	348	96.8	97.8	349	-3.6	81.7	0	0.0
1987	623	96.8	97.8	623	-3.4	71.9	0	0.0
1988	715	96.8	97.6	715	-3.4	71.2	0	0.0
1989	675	97.0	98.1	676	-3.3	71.3	0	0.0

1990	749	96.5	97.9	749	-3.3	70.2	0	0.0
1991	625	96.7	98.0	625	-3.1	71.7	0	0.0
1992	488	96.8	97.9	487	-2.9	64.8	0	0.0
1993	601	97.8	98.4	601	-2.4	53.6	0	0.0
1994	718	98.1	98.7	718	-2.0	47.8	0	0.0
1995	433	98.3	98.8	433	-1.8	42.7	0	0.0
1996	271	96.8	98.1	271	-1.7	43.5	0	0.0
1997	128	97.5	98.3	128	-1.5	42.9	0	0.0
1998	54	98.0	98.4	54	-1.3	37.8	0	0.0
1999	59	98.4	98.3	59	-1.3	39.5	0	0.0
2000	32	97.5	98.8	32	-1.1	30.9	0	0.0
2001	27	99.9	98.6	27	-0.5	31.7	14	95.8
2002	34	100.0	99.4	34	-0.6	28.9	18	97.9
2003	31	99.0	98.8	31	-0.6	38.5	10	96.5
2004	32	98.4	99.0	32	-0.3	15.3	14	97.6
2005	28	99.9	99.6	29	0.6	11.1	17	98.1
2006	20	100.8	99.2	20	0.3	21.9	15	96.2
2007	26	101.2	101.3	25	0.5	9.2	2	97.5
2008	26	99.7	99.8	26	-0.1	20.3	6	99.2
2009	17	99.8	99.2	17	0.4	4.9	9	97.4
2010	11	100.4	99.1	12	0.1	19.8	2	98.5
2011	12	99.2	99.2	12	0.6	8.7	4	99.8
2013	16	100.6	101.1	17	0.7	5.5	8	97.4
2014	22	100.2	99.1	24	0.6	-0.2	8	96.9
2015	15	100.5	98.6	17	0.4	7.3	8	97.5

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1982	15	99.8	1	102.0	1	97.0	15	95.7
1983	13	99.4	0	0.0	0	0.0	13	93.1
1984	17	99.8	0	0.0	0	0.0	17	95.4
1985	20	99.7	0	0.0	0	0.0	20	93.7
1986	46	99.6	0	0.0	0	0.0	46	93.7
1987	75	99.6	0	0.0	0	0.0	75	93.9
1988	69	99.6	0	0.0	0	0.0	69	94.3
1989	73	99.5	0	0.0	0	0.0	73	93.6
1990	53	99.6	1	99.0	1	98.0	53	94.3
1991	65	99.5	2	98.5	2	100.5	65	93.2
1992	58	99.5	0	0.0	0	0.0	58	93.3
1993	77	99.4	0	0.0	0	0.0	77	93.1
1994	91	99.3	2	102.0	2	98.5	91	92.7
1995	70	99.3	3	102.7	3	100.0	70	92.3
1996	49	99.5	1	107.0	1	101.0	49	92.2
1997	31	99.0	4	100.2	4	100.2	31	92.5
1998	21	99.3	2	102.0	2	104.0	21	91.9
1999	16	99.3	0	0.0	0	0.0	16	93.0
2000	13	99.0	0	0.0	0	0.0	13	93.0
2001	13	100.1	1	102.0	1	99.0	13	94.6
2002	21	100.2	0	0.0	0	0.0	21	94.8
2003	13	99.9	1	101.0	1	102.0	13	93.9
2004	21	99.1	1	103.0	2	101.0	21	93.4
2005	22	99.0	0	0.0	0	0.0	22	93.2
2006	15	98.9	1	99.0	1	103.0	15	93.4
2007	10	99.2	0	0.0	0	0.0	10	95.2
2008	15	99.1	0	0.0	0	0.0	15	94.0
2009	16	98.9	0	0.0	0	0.0	16	95.1
2011	11	99.7	1	103.0	1	101.0	11	95.0
2013	14	99.4	0	0.0	0	0.0	14	95.2

2014	18	100.1	0	0.0	0	0.0	18	97.0
2015	13	99.8	0	0.0	0	0.0	13	96.6

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	10	-3425.8	-60.9	-95.1	-155.9	198.0	59.3	0.2	-564.6
1986	12	-2796.0	-59.8	-80.8	-127.4	131.4	38.9	-0.2	-495.0
1987	28	-3098.1	-62.2	-89.2	-141.1	158.9	46.9	0.0	-538.6
1988	23	-3127.5	-58.8	-89.5	-142.5	164.9	46.8	-0.2	-533.1
1989	28	-3341.4	-72.3	-96.3	-152.4	171.6	53.2	-0.4	-592.5
1990	27	-3138.3	-60.3	-91.4	-142.9	165.7	44.7	0.2	-544.3
1991	31	-3026.6	-57.9	-86.9	-137.9	161.1	45.5	-0.2	-519.4
1992	35	-2948.5	-57.1	-84.4	-134.3	151.8	43.7	-0.1	-506.2
1993	30	-2707.0	-53.9	-76.8	-123.3	131.7	39.7	-0.1	-465.0
1994	29	-2543.6	-46.3	-68.2	-115.8	129.0	43.4	0.2	-411.5
1995	24	-2639.8	-45.2	-72.4	-120.3	136.7	41.6	-0.2	-427.9
1996	26	-2814.7	-49.7	-77.2	-128.2	147.5	45.7	-0.2	-459.2
1997	37	-2853.4	-49.7	-76.6	-130.0	150.3	49.5	-0.2	-457.5
1998	34	-2568.7	-48.1	-72.1	-117.0	125.3	37.6	-0.1	-432.0
1999	49	-2396.3	-34.9	-63.4	-109.1	127.9	40.1	-0.1	-366.1
2000	43	-2283.2	-31.5	-60.3	-103.3	122.8	37.7	1.1	-344.4
2001	45	-2583.4	-38.8	-67.7	-117.0	139.3	45.5	1.4	-394.1
2002	45	-2510.2	-36.6	-66.5	-114.1	136.4	42.8	0.4	-383.6
2003	42	-2473.8	-37.0	-64.2	-107.3	133.1	44.7	9.6	-373.1
2004	41	-2232.4	-29.3	-57.1	-98.9	121.7	39.6	5.0	-325.6
2005	46	-2461.4	-34.4	-62.9	-109.7	134.0	45.1	4.6	-362.9
2006	55	-2211.5	-26.8	-56.4	-99.7	123.1	39.5	2.0	-317.4
2007	71	-2182.1	-20.6	-53.0	-98.7	131.9	43.7	1.1	-290.2
2008	77	-2251.5	-23.0	-54.6	-101.7	133.1	44.9	1.5	-302.9
2009	75	-2125.7	-18.2	-51.1	-96.8	129.3	42.6	-0.1	-276.6
2010	85	-2088.4	-15.7	-48.5	-95.1	129.8	44.5	0.0	-260.4
2011	67	-2105.6	-15.5	-49.1	-95.7	131.2	44.3	0.2	-262.6
2012	55	-2165.5	-14.7	-49.3	-98.6	138.3	48.2	0.2	-262.6
2013	116	-2245.9	-16.3	-50.8	-102.7	143.7	51.3	-0.8	-273.3
2014	71	-2330.3	-12.8	-51.2	-109.9	156.7	55.8	-6.3	-269.9
2015	62	-2128.6	-10.3	-44.0	-102.4	141.6	54.2	-8.6	-232.9
2016	54	-2006.4	-9.1	-45.1	-95.3	132.8	44.6	-6.1	-232.5
2017	50	-2012.9	-13.5	-42.2	-101.3	126.7	50.0	-15.2	-231.8
2018	38	-1716.0	-2.8	-36.7	-88.9	117.2	39.9	-16.1	-183.1

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1987	14	72.6	80.4	85.7	92.6	91.9	95.1	81.3
1989	11	73.6	80.3	85.6	92.7	91.5	94.4	82.3
1991	11	74.1	80.4	85.4	91.9	93.0	93.4	80.8
1992	15	72.1	80.2	85.7	92.1	92.1	94.5	80.5
1993	17	73.1	79.9	85.4	92.2	92.2	94.8	80.6
1994	15	72.9	79.9	84.9	91.6	92.6	94.3	81.1
1995	14	73.1	80.1	84.9	91.6	92.4	93.9	80.9
1997	10	72.9	80.6	85.6	92.0	92.6	94.6	80.7
1999	15	72.3	80.7	86.6	93.9	91.5	97.1	80.5

2000	12	72.3	80.3	85.9	92.6	92.2	95.7	79.8
2001	11	72.8	80.4	86.4	93.2	91.4	96.2	80.6
2002	13	72.7	80.5	86.2	93.1	92.0	96.1	80.1
2004	13	72.7	80.2	86.8	93.6	91.1	95.5	81.4
2006	12	71.6	80.1	85.4	92.2	91.8	94.9	81.0
2007	19	72.8	80.8	86.9	93.8	91.3	95.6	81.7
2008	18	72.5	81.7	86.8	93.2	92.6	95.8	81.7
2010	23	72.5	80.7	87.0	94.0	91.1	96.8	81.5
2011	15	72.2	79.1	85.7	93.5	90.4	97.3	81.3
2013	10	71.8	81.6	87.1	94.0	91.7	96.7	80.9

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1987	14	105.3	105.0	91.9	96.4	108.1
1989	11	104.4	104.8	92.2	96.5	107.3
1991	11	104.1	104.4	91.8	95.7	106.6
1992	15	106.6	105.1	91.7	96.9	109.5
1993	17	106.6	104.7	92.0	97.2	109.8
1994	15	105.6	103.8	92.9	97.0	108.7
1995	14	106.6	104.4	92.4	97.1	109.6
1997	10	105.2	104.6	91.9	96.2	108.0
1999	15	107.2	104.6	91.8	96.5	110.3
2000	12	107.9	104.8	91.0	97.0	111.2
2001	11	107.0	104.6	91.6	96.5	110.1
2002	13	106.5	104.6	92.1	96.9	110.0
2004	13	107.5	104.8	91.3	96.7	110.8
2006	12	106.2	105.5	90.7	96.0	109.2
2007	19	106.6	104.7	91.8	96.5	109.8
2008	18	106.0	105.0	91.5	96.5	109.1
2010	23	106.6	105.4	90.7	95.9	109.7
2011	15	107.0	104.9	90.7	95.5	110.0
2013	10	106.3	104.9	91.1	96.2	109.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1987	14	92.4	94.7	104.3	88.2	95.8	95.9	94.8
1989	11	90.8	94.5	103.6	87.5	94.9	96.0	95.1
1991	11	93.0	94.2	104.5	88.8	95.7	95.8	94.5
1992	15	91.9	94.3	104.5	87.3	95.9	95.7	94.1
1993	17	92.4	95.1	105.1	88.3	96.2	96.2	95.1
1994	15	92.3	94.5	104.6	87.9	95.9	95.9	93.9
1995	14	92.1	95.7	104.7	87.4	95.7	96.1	94.3
1997	10	92.9	94.6	104.5	89.1	95.8	95.7	94.2
1999	15	93.3	96.1	103.9	88.9	96.6	96.5	96.0
2000	12	93.8	97.2	104.2	88.8	96.8	96.2	96.2
2001	11	92.8	96.6	104.4	88.3	96.4	96.8	96.4
2002	13	92.9	97.0	104.7	88.5	96.6	96.8	96.2
2004	13	94.2	96.9	104.8	89.3	98.4	97.4	96.9
2006	12	95.0	95.8	104.2	90.6	97.9	96.6	96.0
2007	19	93.6	96.2	104.6	89.3	97.6	96.3	95.7
2008	18	94.5	95.9	104.6	90.4	97.4	96.1	95.6
2010	23	94.3	95.7	103.7	89.8	97.5	96.5	95.8



2011	15	94.9	95.9	104.3	90.2	99.2	97.4	96.5
2013	10	94.7	95.1	104.0	90.4	97.5	95.3	94.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1987	14	76.3	79.8	90.9	105.8	0.0	88.0
1989	11	76.4	80.0	89.7	105.1	0.0	87.3
1991	11	75.1	80.1	91.4	104.4	0.0	87.5
1992	15	75.5	79.4	90.5	107.3	0.0	88.5
1993	17	75.3	79.6	91.1	107.5	0.0	88.7
1994	15	75.1	79.7	90.9	106.7	0.0	88.3
1995	14	74.9	79.4	90.8	107.6	0.0	88.5
1997	10	75.6	80.0	91.6	105.9	0.0	88.3
1999	15	77.4	80.3	91.9	108.0	0.0	90.1
2000	12	75.9	80.0	91.9	108.8	0.0	90.1
2001	11	76.5	79.9	91.4	107.8	0.0	89.6
2002	13	76.3	80.1	91.6	107.9	0.0	89.7
2004	13	76.8	80.2	92.9	108.6	0.0	90.9
2006	12	75.9	79.5	93.5	106.8	0.0	90.0
2007	19	77.2	80.4	92.4	107.6	0.0	90.3
2008	18	77.8	80.9	92.9	106.7	0.0	90.3
2010	23	77.8	80.6	92.9	107.2	0.0	90.5
2011	15	76.9	79.5	93.9	107.7	0.0	90.7
2013	10	77.7	80.6	93.2	106.9	0.0	90.6

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	11	102.8	105.1	104.0	105.6	103.5	95.5	76.9	105.1
1985	11	102.8	105.1	104.0	105.5	103.4	96.4	78.2	104.8
1986	13	103.4	104.2	104.4	105.2	103.7	96.8	81.5	105.0
1987	30	102.3	103.8	103.4	104.3	102.7	96.7	82.7	104.1
1988	22	102.7	104.6	104.0	105.1	103.3	95.6	80.6	104.8
1989	29	102.7	104.1	103.6	104.6	103.0	96.3	81.3	104.3
1990	27	103.0	103.8	103.6	104.5	103.1	96.4	81.2	104.3
1991	31	102.4	103.7	103.1	104.2	102.5	95.6	80.8	103.8
1992	34	102.5	103.5	103.3	104.0	102.6	96.2	82.5	103.9
1993	31	101.7	103.0	102.7	103.3	102.0	96.1	84.0	103.3
1994	28	101.4	103.6	103.3	104.0	102.1	96.4	85.8	104.0
1995	25	101.1	103.6	103.1	103.9	101.7	96.9	86.5	103.7
1996	26	101.9	103.2	103.0	103.6	102.1	97.7	85.5	103.6
1997	37	102.2	103.1	103.4	103.7	102.3	96.4	85.0	103.8
1998	33	101.2	103.0	102.8	103.2	101.8	96.1	85.8	103.2
1999	46	102.5	101.1	102.8	102.2	102.2	96.6	86.1	102.7
2000	43	102.3	101.1	102.5	102.0	102.0	96.1	85.2	102.4
2001	45	102.0	102.1	102.9	103.0	102.1	96.6	85.7	103.1
2002	44	101.6	102.4	102.7	102.9	101.8	95.6	85.8	103.0
2003	43	101.6	103.1	103.2	103.6	102.0	96.5	86.0	103.7
2004	42	101.9	101.9	102.8	102.6	102.0	95.6	85.9	102.9
2005	48	101.8	102.9	103.1	103.4	102.1	95.1	84.8	103.5
2006	56	101.4	102.6	103.1	103.0	101.9	95.5	86.4	103.2
2007	78	101.4	101.8	102.9	102.4	101.7	95.2	86.7	102.9
2008	78	101.4	101.7	102.8	102.3	101.5	94.9	86.4	102.8

2009	73	100.9	101.9	102.7	102.2	101.1	94.6	87.6	102.7
2010	91	101.1	102.8	103.4	103.2	101.8	95.0	88.1	103.5
2011	69	101.4	102.7	103.7	103.3	102.2	95.1	88.0	103.7
2012	59	101.8	102.0	103.6	102.9	102.3	95.2	88.2	103.5
2013	121	102.2	102.0	103.7	102.9	102.5	95.0	86.2	103.5
2014	83	101.9	102.3	103.9	103.1	102.6	94.9	87.6	103.8
2015	81	101.3	102.3	103.6	103.1	102.2	95.2	88.8	103.6
2016	60	101.3	102.2	103.5	102.9	102.0	94.8	88.3	103.4
2017	54	101.7	102.4	104.0	103.3	102.6	95.5	89.3	103.9
2018	34	101.5	102.1	103.6	103.1	102.4	95.7	89.1	103.6
2019	11	102.8	101.5	104.3	103.1	103.4	96.4	89.3	103.9

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1987	13	100.5	70.5	94.4	95.7	97.5
1992	10	99.4	90.6	94.9	96.6	97.5
1993	13	100.1	84.8	94.5	96.0	97.0
1994	12	99.4	82.9	94.0	95.5	96.8
1995	12	99.8	74.7	93.8	95.8	97.9
1997	11	98.8	54.1	95.3	97.4	99.0
1999	15	102.9	95.2	94.1	95.1	96.9
2000	15	102.2	88.3	94.1	95.4	97.2
2001	10	102.7	81.5	94.3	95.7	97.6
2002	13	101.7	54.1	94.5	96.0	97.6
2004	10	102.3	81.6	95.1	95.7	96.8
2006	11	101.5	37.2	95.6	96.6	97.8
2007	12	102.1	42.0	95.3	96.4	97.6
2010	17	101.4	48.6	96.1	96.9	97.6
2011	12	100.8	68.6	97.0	97.6	98.3

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1985	10	-172.7	-564.6	-545.4	99.1	104.8	90.7	102.3	100.0	274.5
1986	12	-136.8	-495.0	-491.2	97.8	105.0	91.2	105.4	99.5	253.0
1987	28	-145.6	-538.6	-238.7	96.4	104.1	90.9	105.8	98.7	313.6
1988	23	-149.8	-533.1	-222.7	97.7	104.8	91.2	106.0	100.2	229.6
1989	28	-169.8	-592.5	-230.0	97.2	104.3	89.7	105.1	99.8	302.8
1990	27	-166.7	-544.3	-246.7	96.9	104.3	89.0	104.7	99.8	230.0
1991	31	-139.2	-519.4	-236.0	98.2	103.8	91.4	104.4	98.8	303.0
1992	35	-136.9	-506.2	-198.5	96.8	103.9	90.5	107.3	99.0	294.8
1993	30	-118.1	-465.0	-221.5	96.2	103.3	91.1	107.5	98.3	344.5
1994	29	-91.6	-411.5	-182.9	95.8	104.0	90.9	106.7	98.2	344.0
1995	24	-90.4	-427.9	-134.7	96.6	103.7	90.8	107.6	98.8	344.7
1996	26	-112.3	-459.2	-243.5	97.4	103.6	90.0	107.1	98.8	348.5
1997	37	-96.8	-457.5	-123.8	98.2	103.8	91.6	105.9	99.1	349.5
1998	34	-107.0	-432.0	-211.0	96.1	103.2	91.9	106.1	98.9	342.4
1999	49	-76.2	-366.1	-156.1	95.7	102.7	91.9	108.0	99.6	325.1
2000	43	-77.6	-344.4	-161.4	96.0	102.4	91.9	108.8	99.6	293.2
2001	45	-91.7	-394.1	-220.0	96.4	103.1	91.4	107.8	99.9	322.2
2002	45	-81.3	-383.6	-224.6	96.7	103.0	91.6	107.9	99.3	347.7
2003	42	-74.7	-373.1	-208.0	96.4	103.7	91.8	106.3	99.6	331.7
2004	41	-43.6	-325.6	-116.2	95.8	102.9	92.9	108.6	99.1	360.6

2005	46	-54.0	-362.9	-78.6	96.2	103.5	92.5	108.8	99.5	340.0
2006	55	-31.2	-317.4	-0.6	97.0	103.2	93.5	106.8	98.7	330.7
2007	71	-17.5	-290.2	28.1	96.7	102.9	92.4	107.6	99.5	338.6
2008	77	-31.9	-302.9	19.3	96.5	102.8	92.9	106.7	99.3	328.0
2009	75	-19.8	-276.6	71.1	96.9	102.7	92.4	107.8	99.4	306.2
2010	85	8.3	-260.4	124.5	97.1	103.5	92.9	107.2	100.6	324.5
2011	67	18.1	-262.6	144.6	97.8	103.7	93.9	107.7	100.2	324.7
2012	55	17.6	-262.6	157.2	97.6	103.5	93.8	106.7	100.8	327.4
2013	116	-0.5	-273.3	63.1	97.5	103.5	93.2	106.9	100.2	303.5
2014	71	5.1	-269.9	68.5	97.7	103.8	95.4	106.0	100.5	309.4
2015	62	12.3	-232.9	77.7	97.3	103.6	97.5	106.0	102.1	285.0
2016	54	5.9	-232.5	61.1	97.0	103.4	94.2	105.8	101.2	295.7
2017	50	2.9	-231.8	68.3	95.7	103.9	93.0	107.3	100.6	296.2
2018	38	33.9	-183.1	128.0	96.6	103.6	95.7	106.2	102.0	311.8

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1987	14	97.1	99.1	97.1	99.1	87.5	104.1
1989	12	98.8	98.7	98.8	98.7	89.6	104.3
1991	12	97.0	98.2	97.0	98.2	87.8	103.3
1992	16	98.0	98.6	98.0	98.6	88.9	104.7
1993	21	97.7	98.0	97.7	98.0	87.8	103.9
1994	23	98.0	97.9	98.0	97.9	88.7	103.5
1995	17	98.4	98.7	98.4	98.7	89.3	104.2
1996	14	99.8	99.0	99.8	99.0	89.6	104.8
1997	19	98.9	99.0	98.9	99.0	89.1	104.6
1998	17	98.2	98.5	98.2	98.5	88.8	103.9
1999	33	97.9	99.6	97.9	99.6	88.0	105.5
2000	19	98.6	99.4	98.6	99.4	88.5	105.7
2001	21	98.6	99.7	98.6	99.7	88.5	105.4
2002	23	98.5	99.2	98.5	99.2	88.1	105.3
2003	16	97.9	99.8	97.9	99.8	88.6	105.1
2004	26	97.2	99.3	97.2	99.3	87.4	105.2
2005	25	98.4	99.2	98.4	99.2	88.2	105.3
2006	29	97.2	99.2	97.2	99.2	87.5	105.1
2007	43	97.9	99.9	97.9	99.9	88.1	105.9
2008	45	97.6	95.3	97.6	95.3	87.8	100.8
2009	33	98.2	100.4	98.2	100.4	89.0	107.0
2010	50	98.8	96.5	98.8	96.5	88.5	102.4
2011	37	98.4	99.5	98.4	99.5	88.2	106.4
2012	39	98.6	92.9	98.6	92.9	88.8	98.5
2013	21	99.0	90.9	99.0	90.9	89.2	97.0
2014	16	99.1	94.0	99.1	94.0	89.0	100.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1987	14	116.6	107.4	64.6	67.7	65.4	59.8
1989	13	119.3	107.6	60.4	57.8	55.5	51.7
1990	12	120.3	106.6	58.8	63.4	59.7	56.2
1991	20	119.0	107.6	60.4	47.5	45.1	41.9
1992	23	119.6	107.0	60.4	62.3	58.9	54.4
1993	25	119.6	107.7	60.0	53.8	50.2	47.3

1994	21	118.8	107.2	61.6	82.2	77.0	74.1
1995	18	117.8	106.7	63.0	58.7	54.9	52.5
1996	13	118.2	106.3	63.5	59.5	55.7	52.7
1997	21	116.4	107.1	64.2	68.1	64.2	60.7
1998	16	116.9	107.8	63.4	65.5	62.3	59.6
1999	31	117.5	107.1	62.9	86.7	81.6	75.0
2000	20	116.3	107.0	64.5	67.5	63.4	58.6
2001	25	116.8	106.6	64.0	53.8	50.4	47.2
2002	24	116.8	106.9	63.3	75.7	71.2	66.8
2003	17	115.5	107.3	64.8	50.6	47.1	44.9
2004	29	116.4	108.1	63.6	75.2	71.6	67.6
2005	26	117.4	107.7	62.0	72.1	69.2	65.1
2006	32	116.8	107.2	62.9	59.1	56.4	53.1
2007	54	116.0	108.0	63.7	70.0	67.0	63.2
2008	60	115.3	108.3	64.5	65.9	63.6	60.0
2009	42	114.3	109.0	65.7	63.1	60.2	56.7
2010	68	115.3	108.4	64.2	66.5	63.7	60.1
2011	49	115.5	107.3	63.7	85.5	80.6	76.2
2012	47	114.4	108.0	65.2	58.5	55.4	52.4
2013	41	114.8	107.7	64.8	69.3	66.0	61.9
2014	38	114.9	107.4	64.5	67.0	64.1	60.6
2015	38	114.3	107.7	65.1	62.0	59.1	55.6
2017	15	113.0	107.9	66.5	75.8	72.0	67.8
2018	11	113.4	109.8	66.8	69.5	65.0	61.2
2019	10	112.9	110.0	66.6	76.2	72.1	68.3

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1987	14	88.2	103.1	93.1	84.0	99.9	97.3	87.5	93.4	103.5	97.3	81.2
1989	12	86.1	102.1	92.8	84.3	97.2	97.9	86.6	90.8	101.2	97.5	80.2
1991	14	85.4	102.8	92.1	83.9	97.8	97.7	86.2	89.6	102.2	97.0	80.0
1992	17	87.1	102.8	93.0	83.9	98.6	98.2	87.1	91.6	102.6	97.7	80.9
1993	21	86.0	102.0	92.7	83.6	97.3	98.8	86.1	91.1	102.0	98.0	80.0
1994	18	86.4	102.5	92.4	83.9	98.2	98.3	86.8	90.7	102.4	97.9	80.6
1995	17	85.6	102.2	91.5	83.8	96.9	98.1	86.4	90.6	101.6	97.2	80.4
1996	11	85.5	101.8	91.0	83.5	96.4	97.9	86.7	89.4	101.3	97.4	79.7
1997	19	85.8	102.9	91.6	83.7	98.4	96.9	86.5	89.7	102.5	96.6	80.1
1998	15	85.6	101.8	92.3	83.4	97.1	98.0	86.1	90.7	101.6	97.4	79.9
1999	20	86.8	102.5	92.8	83.4	98.8	97.5	85.8	93.5	102.7	97.0	79.3
2000	23	86.4	102.4	92.5	83.4	97.7	98.5	85.7	93.7	102.2	98.0	79.4
2001	19	85.9	102.3	92.2	83.4	97.4	97.7	85.5	92.8	102.1	96.8	79.4
2002	21	86.4	102.8	92.3	83.5	98.1	97.5	85.8	93.0	102.5	97.0	79.5
2003	11	86.5	102.9	92.5	83.9	98.6	97.4	86.5	91.5	102.5	97.0	80.2
2004	15	87.3	101.3	92.9	83.1	98.9	98.1	87.1	92.6	102.1	98.1	80.1
2005	10	87.0	102.0	93.5	82.8	98.6	97.8	86.2	93.0	102.5	97.7	79.7
2006	17	87.5	102.5	93.1	83.4	99.8	97.7	87.3	92.3	102.9	98.0	79.9
2007	20	87.0	101.6	92.5	83.5	98.2	97.5	87.2	91.6	101.8	97.4	80.3
2008	24	86.7	102.6	92.8	83.2	99.5	96.8	86.3	91.8	102.7	96.5	79.6
2009	12	86.8	101.3	93.7	82.3	98.9	98.0	86.4	92.2	102.2	98.2	79.4
2010	18	88.4	102.1	93.3	83.0	101.1	97.2	87.5	93.0	103.4	97.6	80.0
2011	13	88.5	101.0	93.4	82.5	100.4	98.4	87.9	93.5	102.8	99.0	79.8

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	12	91.4	90.2	101.0
1989	11	92.7	90.9	98.9
1991	10	93.5	92.3	99.2
1992	16	92.4	90.9	100.7
1993	19	92.5	91.1	99.1
1994	21	92.8	91.0	99.6
1995	13	92.8	91.7	98.9
1996	11	93.2	91.7	99.3
1997	16	93.1	91.3	99.8
1998	14	92.6	91.4	99.6
1999	29	90.7	89.2	99.8
2000	17	91.4	89.8	100.2
2001	18	91.6	90.1	99.6
2002	22	91.8	90.2	99.7
2003	11	93.4	91.6	100.0
2004	23	90.7	88.8	100.5
2005	21	91.5	89.4	100.3
2006	23	90.6	88.6	100.4
2007	38	91.3	89.4	100.6
2008	39	90.7	88.8	100.1
2009	30	91.8	89.9	100.5
2010	41	92.1	90.2	101.0
2011	39	90.8	88.7	100.9
2012	34	92.3	90.4	101.1
2013	21	91.7	89.6	101.0
2014	19	91.9	89.9	101.0
2015	10	92.9	90.6	101.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	42	-2847.1	-14727.9	-393.1	-443.6
2002	42	-2860.0	-14637.2	-394.5	-446.5
2003	41	-2751.7	-14257.1	-378.9	-428.2
2004	39	-2088.9	-11706.1	-260.4	-336.3
2005	43	-2030.3	-11960.3	-236.6	-333.4
2006	49	-1489.6	-9774.7	-139.4	-259.1
2007	68	-1244.0	-9190.6	-89.3	-226.9
2008	71	-1339.1	-9670.3	-107.3	-239.2
2009	66	-932.2	-8083.5	-32.6	-183.7
2010	81	-587.2	-6938.4	31.4	-136.2
2011	65	-480.2	-6594.5	53.8	-122.6
2012	55	-424.5	-6665.9	68.1	-116.1
2013	115	-971.3	-8608.8	-36.3	-189.6
2014	71	-919.9	-8875.2	-15.2	-187.3
2015	62	-710.0	-7826.2	4.9	-149.9
2016	53	-804.3	-7721.8	-7.4	-166.9
2017	50	-732.4	-7486.5	-15.0	-146.6
2018	38	-225.3	-5276.9	87.7	-82.8

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

Jaar	Aantal	Eff	Int	Gewen
1993	13	94.5	96.1	105.2
1994	18	94.9	96.3	104.8
1997	10	94.6	95.4	106.4
1999	20	95.5	96.0	107.2
2000	13	94.8	96.2	107.2
2001	10	95.4	96.1	106.7
2002	17	94.9	96.5	106.9
2003	10	95.9	95.0	107.6
2004	16	93.8	97.2	108.1
2005	14	94.4	95.0	108.7
2006	18	94.2	94.8	109.4
2007	33	94.2	95.2	108.1
2008	30	94.6	95.8	108.4
2009	22	94.3	96.5	108.3
2010	33	94.1	97.2	108.5
2011	26	93.8	96.4	108.3
2012	17	94.4	95.5	108.2
2013	16	93.8	96.6	108.9
2014	18	94.1	95.1	109.6
2016	10	94.5	96.2	107.7

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1985	10	103.0	96.4	10	-8.2	274.5	0	0.0
1986	12	103.2	96.6	12	-7.4	253.0	0	0.0
1987	28	102.4	95.3	28	-8.7	313.6	0	0.0
1988	23	102.1	95.3	23	-7.2	229.6	0	0.0
1989	28	102.3	95.9	28	-8.9	302.8	0	0.0
1990	27	102.3	97.0	27	-7.3	230.0	0	0.0
1991	31	104.8	96.5	31	-8.3	303.0	0	0.0
1992	35	103.7	95.9	36	-8.1	294.8	0	0.0
1993	30	105.1	95.7	30	-8.7	344.5	0	0.0
1994	29	103.4	95.4	29	-8.4	344.0	0	0.0
1995	24	103.0	95.8	24	-8.5	344.7	0	0.0
1996	26	104.8	96.9	26	-8.7	348.5	0	0.0
1997	37	104.6	95.9	37	-8.8	349.5	0	0.0
1998	34	103.3	95.5	34	-8.5	342.4	0	0.0
1999	49	104.5	95.5	49	-7.7	325.1	0	0.0
2000	43	105.1	95.5	43	-7.1	293.2	0	0.0
2001	45	104.2	95.5	45	-7.9	322.2	11	58.5
2002	45	104.2	94.7	45	-8.2	347.7	13	59.3
2003	42	104.6	95.5	42	-7.9	331.7	6	59.7
2004	41	105.9	95.2	41	-8.1	360.6	13	59.5
2005	46	104.9	95.8	46	-8.0	340.0	4	56.8
2006	55	105.1	96.6	55	-7.5	330.7	12	58.9
2007	71	105.3	96.1	71	-7.5	338.6	19	58.8
2008	77	105.5	95.8	77	-7.4	328.0	18	59.2
2009	75	106.0	96.0	75	-6.8	306.2	9	58.3
2010	85	106.8	96.6	85	-7.0	324.5	23	59.4
2011	67	106.9	96.5	67	-7.1	324.7	15	58.3
2012	55	106.9	96.6	55	-7.1	327.4	6	58.5
2013	116	107.1	96.9	116	-6.8	303.5	10	58.3

2014	71	106.4	96.3	71	-6.9	309.4	7	65.9
2015	62	107.7	96.9	62	-6.3	285.0	2	71.5
2016	54	107.6	96.1	54	-6.4	295.7	6	64.5
2017	50	107.5	96.0	50	-6.5	296.2	3	67.0
2018	38	107.7	95.1	38	-6.4	311.8	6	67.3

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	12	99.7	0	0.0	0	0.0	12	95.8
1989	11	100.0	0	0.0	0	0.0	11	98.5
1990	10	100.0	0	0.0	0	0.0	10	98.1
1991	14	99.9	0	0.0	0	0.0	14	98.1
1992	17	99.9	0	0.0	0	0.0	17	96.6
1993	25	100.0	0	0.0	0	0.0	25	97.6
1994	23	100.0	0	0.0	0	0.0	23	97.0
1995	20	99.9	0	0.0	0	0.0	20	97.6
1996	11	100.0	0	0.0	0	0.0	11	96.4
1997	22	99.9	0	0.0	0	0.0	22	98.0
1998	24	99.9	0	0.0	0	0.0	24	97.4
1999	32	99.9	0	0.0	0	0.0	32	97.2
2000	27	100.0	0	0.0	0	0.0	27	97.9
2001	26	100.0	0	0.0	0	0.0	26	97.9
2002	28	100.0	0	0.0	0	0.0	28	97.6
2003	20	100.0	0	0.0	0	0.0	20	99.3
2004	33	99.9	0	0.0	0	0.0	33	98.0
2005	33	100.0	0	0.0	0	0.0	33	99.3
2006	43	100.0	0	0.0	0	0.0	43	99.4
2007	66	100.0	0	0.0	0	0.0	66	99.8
2008	70	100.0	0	0.0	0	0.0	70	99.9
2009	71	100.0	0	0.0	0	0.0	71	99.9
2010	78	100.0	0	0.0	0	0.0	78	99.7
2011	60	100.0	0	0.0	0	0.0	60	100.3
2012	51	100.0	0	0.0	0	0.0	51	100.3
2013	108	100.0	0	0.0	0	0.0	108	100.7
2014	66	100.0	0	0.0	0	0.0	66	101.2
2015	54	100.0	0	0.0	0	0.0	54	99.6
2016	44	100.0	0	0.0	0	0.0	44	99.8
2017	39	100.0	0	0.0	0	0.0	39	100.6
2018	33	100.0	0	0.0	0	0.0	33	99.5

Tabel: 136 Lakenvelder - zwartbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1992	11	99.7	104.5	99.7	101.9	99.3	95.0	94.0	100.9
1996	10	100.0	105.3	100.6	102.6	99.9	94.1	92.6	101.9
1997	10	100.8	103.9	99.9	102.0	100.0	94.8	92.7	101.0
2003	11	98.8	105.7	100.1	102.9	99.3	93.5	93.3	101.7

Tabel: 137 Verbeterd Roodbont: Vruchtbaarheidskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1994	10	97.0	102.5	98.2	100.4	97.8	101.2	108.9	99.2
1995	14	94.9	103.9	97.0	100.5	96.0	99.5	108.4	98.6
1997	11	96.2	103.1	97.7	100.5	97.1	100.6	108.2	99.1
1998	12	95.8	103.8	98.1	101.0	97.2	100.2	108.9	99.6
1999	15	96.7	102.8	97.4	100.3	97.2	100.1	105.5	98.6
2000	16	97.2	103.7	99.1	101.3	98.3	100.8	108.6	100.2
2002	17	97.1	102.9	98.3	101.1	98.4	101.1	107.9	99.6
2003	11	97.0	102.7	98.1	100.8	97.8	100.9	107.8	99.4
2004	10	97.0	102.9	98.6	100.9	97.9	99.7	108.0	99.6
2005	16	96.9	103.2	98.4	101.2	98.0	101.2	108.9	99.8
2007	14	97.8	102.1	98.4	100.4	98.1	100.8	107.5	99.3

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1999	10	114.7	103.6	76.1	40.3	39.3	42.9
2002	13	114.3	105.5	76.1	68.1	70.4	73.9
2005	12	111.7	103.3	79.8	74.3	75.4	82.8
2007	11	114.2	101.8	76.6	73.5	72.7	77.3

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2002	13	96.8	69.2	95.0	79.8	98.5	97.0	100.0	97.1	89.8	98.1	93.6

Tabel: 140 Witblauw Mixte: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1982	10	-2159.2	-113.8	-88.5	-105.2	-41.8	-21.0	-13.6	-633.4
1983	11	-2589.4	-125.6	-101.9	-125.0	-25.9	-16.3	-15.5	-719.2
1984	15	-2308.5	-112.1	-93.0	-112.1	-21.5	-18.7	-14.5	-650.4
1985	27	-2293.7	-112.3	-91.4	-111.4	-23.5	-15.0	-14.3	-643.8
1986	27	-2348.3	-115.0	-93.6	-113.9	-25.7	-17.1	-14.4	-659.7
1987	36	-2242.4	-111.8	-92.4	-109.1	-28.4	-22.4	-14.2	-646.3
1988	31	-2154.2	-106.9	-89.7	-105.1	-24.3	-22.5	-14.0	-623.8
1989	32	-2156.3	-111.1	-90.6	-105.2	-35.5	-24.5	-14.2	-636.6
1990	52	-2207.9	-109.9	-90.1	-107.5	-26.7	-19.6	-14.2	-632.6
1991	63	-2448.2	-120.3	-99.1	-118.5	-26.9	-20.6	-14.9	-694.5
1992	60	-2323.3	-115.6	-94.3	-112.8	-28.8	-20.2	-14.4	-663.5
1993	84	-2333.4	-116.9	-94.2	-113.3	-31.4	-18.6	-14.5	-665.7
1994	116	-2263.0	-114.1	-91.1	-110.0	-31.2	-17.6	-14.3	-646.3
1995	109	-2154.2	-110.5	-87.8	-105.0	-33.8	-19.1	-14.0	-623.8
1996	140	-2073.9	-105.7	-85.2	-101.4	-30.5	-19.3	-13.7	-601.4



1997	130	-1966.3	-102.1	-82.4	-96.5	-32.2	-21.6	-13.6	-581.2
1998	145	-2055.2	-105.3	-83.9	-100.6	-31.4	-18.0	-13.8	-595.3
1999	134	-1894.6	-97.2	-79.2	-93.1	-28.1	-20.1	-13.0	-556.9
2000	164	-1866.3	-98.9	-79.5	-91.9	-34.6	-22.9	-13.2	-561.3
2001	160	-1899.9	-102.5	-80.2	-93.6	-39.1	-21.6	-13.6	-572.2
2002	152	-1933.8	-103.8	-81.4	-95.6	-38.6	-21.7	-14.8	-580.7
2003	187	-1888.5	-102.0	-80.0	-92.7	-39.0	-22.1	-12.8	-570.1
2004	218	-1854.2	-102.2	-79.1	-90.9	-42.3	-22.6	-12.4	-566.3
2005	250	-1789.3	-99.1	-76.9	-87.6	-41.7	-22.9	-11.3	-549.6
2006	263	-1855.4	-102.5	-78.6	-91.2	-43.2	-21.3	-13.1	-564.8
2007	248	-1807.9	-100.7	-77.5	-89.0	-43.5	-22.5	-12.5	-555.9
2008	292	-1885.5	-103.6	-78.6	-91.7	-42.8	-19.1	-11.2	-567.2
2009	261	-1847.1	-102.9	-77.1	-88.7	-44.8	-18.8	-8.3	-559.0
2010	317	-1770.5	-99.7	-75.9	-84.7	-44.6	-22.0	-7.3	-546.2
2011	336	-1831.6	-103.1	-77.6	-86.7	-46.6	-20.9	-5.5	-560.6
2012	364	-1769.1	-101.0	-76.1	-83.2	-47.3	-22.6	-3.9	-549.1
2013	344	-1652.9	-96.1	-72.4	-77.3	-46.9	-23.1	-2.7	-521.8
2014	330	-1625.6	-94.2	-71.8	-75.8	-45.0	-23.7	-2.0	-514.8
2015	297	-1627.6	-95.0	-72.0	-75.0	-46.8	-24.2	-0.1	-517.1
2016	278	-1552.6	-91.7	-69.7	-71.1	-46.3	-25.0	0.8	-499.8
2017	272	-1520.4	-89.7	-69.0	-69.5	-44.7	-25.9	1.1	-492.2
2018	65	-1281.2	-83.0	-61.7	-58.9	-50.2	-27.5	0.4	-445.0

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

Tabel: 141 Witblauw Mixte: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1982	10	100.3	104.8	100.8	102.7	100.8	94.7	86.6	101.9
1983	11	97.3	104.5	97.6	100.9	97.5	91.5	85.1	99.3
1984	16	98.8	103.9	98.3	101.0	98.3	92.6	85.9	99.7
1985	28	100.2	104.7	100.0	102.5	100.3	93.6	85.6	101.4
1986	28	98.5	104.7	98.6	101.6	98.5	92.6	85.8	100.0
1987	33	99.4	104.8	99.5	102.2	99.5	93.0	85.6	101.0
1988	32	99.7	104.6	99.3	101.9	99.4	92.7	85.0	100.7
1989	39	99.0	104.0	98.3	101.2	98.6	91.7	84.3	99.8
1990	59	99.7	104.6	99.4	102.1	99.6	92.6	84.6	100.8
1991	68	98.5	105.1	98.8	102.0	98.6	91.8	85.6	100.4
1992	73	99.3	105.1	99.6	102.4	99.6	92.9	85.4	101.0
1993	100	99.2	105.7	100.1	102.9	99.8	93.4	86.2	101.6
1994	130	99.9	105.5	100.5	103.1	100.4	93.6	85.8	102.0
1995	133	100.3	104.7	100.2	102.5	100.4	93.9	85.9	101.5
1996	150	100.4	105.0	100.6	102.9	100.8	94.4	86.3	101.9
1997	158	100.4	105.1	100.7	103.2	100.9	94.2	86.4	102.1
1998	161	101.0	105.0	101.2	103.3	101.5	94.4	86.0	102.4
1999	158	101.0	104.8	101.1	103.1	101.3	93.8	86.0	102.4
2000	190	100.9	104.9	101.1	103.1	101.3	94.0	86.4	102.3
2001	181	100.7	104.9	101.0	103.1	101.1	93.9	86.7	102.2
2002	177	100.7	105.1	101.2	103.3	101.4	94.4	87.0	102.4
2003	208	100.5	105.2	101.1	103.3	101.1	94.0	87.1	102.4
2004	247	100.2	105.1	100.9	103.1	100.8	93.8	87.0	102.1
2005	269	100.3	105.3	101.2	103.4	101.1	94.0	87.4	102.5
2006	292	100.8	105.4	101.6	103.7	101.5	94.2	87.3	102.8
2007	275	101.2	105.5	102.1	104.0	102.1	94.6	87.2	103.2
2008	326	100.5	105.6	101.6	103.7	101.5	94.2	87.3	102.9
2009	309	101.2	105.5	102.1	104.0	102.2	94.7	87.2	103.3
2010	389	101.4	105.2	102.0	103.8	102.2	94.8	87.4	103.1
2011	444	101.4	105.5	102.3	104.1	102.4	94.7	87.4	103.4
2012	425	101.8	105.4	102.5	104.2	102.7	95.0	87.4	103.6
2013	409	101.6	105.3	102.4	104.1	102.5	94.7	87.7	103.5

2014	394	101.8	105.1	102.3	103.9	102.5	94.6	87.6	103.4
2015	372	101.9	105.1	102.4	103.9	102.6	94.7	87.6	103.4
2016	335	101.4	105.0	102.0	103.6	102.1	94.4	87.7	103.0
2017	299	101.6	104.8	102.0	103.6	102.2	94.6	87.5	103.0
2018	136	101.8	104.9	102.3	103.8	102.4	94.3	87.8	103.3
2019	12	101.7	104.1	101.8	103.1	102.2	94.5	89.3	102.8

Tabel: 142 Witblauw Mixte: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1982	10	-205.0	-633.4	-343.7	103.4	101.9	0.0	0.0	0.0	0.0
1983	11	-238.0	-719.2	0.0	104.0	99.3	0.0	0.0	0.0	0.0
1984	15	-213.0	-650.4	-89.0	103.6	99.7	0.0	0.0	0.0	0.0
1985	27	-196.9	-643.8	-552.0	104.5	101.4	0.0	0.0	0.0	0.0
1986	27	-209.5	-659.7	-62.9	104.1	100.0	0.0	0.0	0.0	0.0
1987	36	-200.7	-646.3	67.7	103.9	101.0	0.0	0.0	0.0	0.0
1988	31	-186.7	-623.8	48.3	105.0	100.7	0.0	0.0	0.0	0.0
1989	32	-192.7	-636.6	174.5	105.1	99.8	0.0	0.0	0.0	0.0
1990	52	-194.5	-632.6	120.7	103.7	100.8	0.0	0.0	0.0	0.0
1991	63	-213.5	-694.5	109.8	104.3	100.4	0.0	0.0	0.0	0.0
1992	60	-194.5	-663.5	144.7	104.8	101.0	0.0	0.0	0.0	0.0
1993	84	-198.2	-665.7	130.2	103.5	101.6	0.0	0.0	0.0	0.0
1994	116	-186.1	-646.3	217.9	103.9	102.0	0.0	0.0	0.0	0.0
1995	109	-177.5	-623.8	207.5	104.1	101.5	0.0	0.0	0.0	0.0
1996	140	-162.4	-601.4	246.2	104.1	101.9	0.0	0.0	0.0	0.0
1997	130	-156.9	-581.2	199.1	104.1	102.1	0.0	0.0	0.0	0.0
1998	145	-155.1	-595.3	223.7	104.5	102.4	0.0	0.0	0.0	0.0
1999	134	-135.5	-556.9	223.7	104.3	102.4	0.0	0.0	0.0	0.0
2000	164	-139.9	-561.3	223.5	104.1	102.3	0.0	0.0	0.0	0.0
2001	160	-145.3	-572.2	238.2	103.4	102.2	0.0	0.0	0.0	0.0
2002	152	-146.0	-580.7	234.6	103.7	102.4	0.0	0.0	0.0	0.0
2003	187	-132.0	-570.1	263.3	103.8	102.4	0.0	0.0	0.0	0.0
2004	218	-136.3	-566.3	259.7	103.6	102.1	0.0	0.0	0.0	0.0
2005	250	-128.8	-549.6	264.3	103.4	102.5	0.0	0.0	0.0	0.0
2006	263	-133.5	-564.8	257.9	103.1	102.8	0.0	0.0	0.0	0.0
2007	248	-128.4	-555.9	243.4	103.2	103.2	0.0	0.0	0.0	0.0
2008	292	-133.2	-567.2	254.3	103.1	102.9	0.0	0.0	0.0	0.0
2009	261	-128.2	-559.0	244.8	103.5	103.3	0.0	0.0	0.0	0.0
2010	317	-124.1	-546.2	230.7	103.7	103.1	0.0	0.0	0.0	0.0
2011	336	-129.4	-560.6	228.4	103.2	103.4	0.0	0.0	0.0	0.0
2012	364	-129.2	-549.1	218.1	103.0	103.6	0.0	0.0	0.0	0.0
2013	344	-124.7	-521.8	192.3	103.4	103.5	105.0	95.0	0.0	0.0
2014	330	-125.2	-514.8	214.3	102.9	103.4	0.0	0.0	0.0	0.0
2015	297	-130.4	-517.1	206.2	102.8	103.4	0.0	0.0	0.0	0.0
2016	278	-126.0	-499.8	203.5	103.1	103.0	0.0	0.0	0.0	0.0
2017	272	-123.8	-492.2	230.3	102.9	103.0	0.0	0.0	0.0	0.0
2018	65	-111.5	-445.0	200.4	102.7	103.3	0.0	0.0	0.0	0.0

Tabel: 143 Witblauw Mixte: Geboortekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	11	72.6	106.0	126.4	10.3	8.5	7.7
1990	10	74.7	104.9	125.4	11.6	9.0	8.4
1992	12	78.8	104.3	121.2	38.9	30.7	27.6

1993	21	77.1	105.0	122.3	22.7	17.5	16.0
1994	20	79.0	104.9	120.8	53.2	41.2	37.8
1995	21	76.5	105.0	122.9	33.7	26.1	24.3
1996	41	77.8	104.2	121.2	51.7	40.1	37.1
1997	35	77.4	104.0	121.9	61.1	46.6	43.2
1998	46	77.6	104.4	121.5	67.2	51.7	47.4
1999	41	78.2	103.5	121.0	93.7	71.2	64.9
2000	75	78.4	104.3	120.8	74.4	57.8	52.4
2001	73	78.6	104.3	120.3	81.7	63.2	57.2
2002	73	78.2	104.5	120.9	95.4	73.5	67.0
2003	105	78.0	104.4	121.4	103.4	79.5	72.6
2004	130	78.1	104.0	121.2	95.7	74.0	67.6
2005	144	78.7	103.5	120.7	105.9	81.3	74.5
2006	160	78.8	103.9	120.7	105.2	80.5	73.5
2007	156	78.9	103.6	120.5	114.2	86.6	78.7
2008	171	78.3	103.9	121.3	107.4	82.4	75.1
2009	235	78.1	104.5	121.3	106.4	81.2	74.1
2010	294	78.0	104.0	121.2	110.2	83.9	76.5
2011	315	77.8	103.9	121.4	109.0	82.7	75.4
2012	344	77.8	104.1	121.3	112.2	85.1	77.2
2013	295	78.1	104.6	120.9	108.7	83.1	75.8
2014	367	78.8	104.3	120.3	108.0	82.2	75.2
2015	364	78.9	103.9	120.1	103.7	79.0	72.2
2016	319	78.8	103.9	120.2	95.7	73.4	67.1
2017	324	78.7	103.8	120.2	96.8	74.2	68.1
2018	281	79.3	104.0	119.8	85.3	65.2	60.1
2019	295	79.1	104.6	119.8	64.2	48.9	45.3
2020	199	78.7	104.0	120.3	40.1	30.8	28.5

Tabel: 144 Witblauw Mixte: Vleeskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1999	26	106.8	131.3	100.8	119.3	111.3	106.1	101.7	102.6	117.3	106.0	109.3
2000	19	105.4	128.2	100.7	117.2	109.7	106.0	101.0	101.9	114.6	105.8	106.9
2001	32	107.3	131.9	100.1	121.9	109.3	105.6	102.6	102.8	116.9	106.1	110.8
2002	41	106.5	129.7	100.8	119.0	109.9	105.5	101.9	102.5	116.1	105.6	108.9
2003	80	106.8	130.2	101.1	118.6	110.8	105.5	101.9	102.6	116.5	105.7	108.7
2004	80	106.5	128.6	100.5	118.1	109.9	105.5	102.0	102.8	115.0	105.4	107.8
2005	86	106.1	128.0	100.5	117.5	109.8	105.0	101.8	102.5	114.4	105.2	107.1
2006	108	106.0	127.8	100.7	117.2	109.9	104.8	101.8	102.0	114.5	105.0	107.1
2007	88	107.1	129.1	100.8	118.1	111.3	104.8	102.7	102.1	115.8	105.5	108.2
2008	129	106.6	128.7	101.0	117.6	110.6	104.8	102.2	102.1	115.2	105.5	107.5
2009	122	106.3	129.1	101.7	118.0	110.6	105.7	101.7	102.1	116.0	106.1	108.3
2010	129	105.8	126.8	101.4	116.9	109.2	105.5	101.5	102.2	114.3	105.7	107.2
2011	143	105.4	127.4	101.6	117.4	108.9	105.7	101.2	101.7	114.4	105.8	107.4
2012	132	104.7	126.2	102.1	116.3	108.2	105.8	100.5	101.8	113.9	106.0	106.7
2013	82	104.7	125.7	101.5	116.3	107.9	105.6	100.9	101.6	113.4	105.7	106.7
2014	52	105.2	126.2	101.8	116.8	108.2	105.9	101.2	102.0	113.7	106.1	107.0
2015	25	105.5	125.6	101.9	116.5	108.2	105.3	101.4	102.4	113.5	105.8	107.2
2016	15	104.9	124.0	102.1	115.7	107.7	105.4	101.3	102.0	112.3	105.9	106.3

Tabel: 145 Witblauw Mixte: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	135	-1284.9	-3586.2	-230.5	-183.5
2002	125	-1330.6	-3703.9	-238.4	-190.3
2003	161	-1207.3	-3254.3	-216.5	-172.8
2004	176	-1164.3	-3012.9	-211.8	-165.6
2005	208	-1045.0	-2474.9	-191.0	-148.9
2006	221	-1161.0	-3013.1	-213.8	-163.8
2007	215	-1180.8	-3006.5	-215.2	-167.9
2008	243	-1192.1	-3241.3	-221.6	-166.6
2009	205	-1172.4	-3065.6	-221.3	-162.4
2010	275	-1191.4	-3082.3	-220.3	-167.5
2011	312	-1277.3	-3415.9	-239.1	-177.7
2012	318	-1269.3	-3344.3	-237.2	-176.8
2013	290	-1233.8	-3186.3	-228.5	-173.1
2014	274	-1089.7	-2543.1	-200.5	-154.5
2015	236	-1113.4	-2591.9	-207.5	-156.5
2016	211	-1088.8	-2503.9	-200.1	-154.6
2017	192	-997.2	-2140.9	-185.2	-141.1
2018	48	-924.1	-1664.5	-176.2	-129.5

Tabel: 146 Witblauw Mixte: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
2013	18	89.3	97.8	103.0
2016	14	85.1	95.6	100.9
2017	15	84.5	94.5	99.4

Tabel: 147 Witblauw Mixte: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1982	10	101.0	96.7	0	0.0	0.0	0	0.0
1983	11	101.3	94.9	0	0.0	0.0	0	0.0
1984	15	101.1	95.3	0	0.0	0.0	0	0.0
1985	27	99.9	95.6	0	0.0	0.0	0	0.0
1986	27	99.1	95.8	0	0.0	0.0	0	0.0
1987	36	100.9	96.2	0	0.0	0.0	0	0.0
1988	31	99.8	95.5	0	0.0	0.0	0	0.0
1989	32	99.0	95.7	0	0.0	0.0	0	0.0
1990	52	99.5	95.6	0	0.0	0.0	0	0.0
1991	63	99.0	95.4	0	0.0	0.0	0	0.0
1992	60	98.1	95.9	0	0.0	0.0	0	0.0
1993	84	98.5	95.6	0	0.0	0.0	0	0.0
1994	116	98.2	95.6	0	0.0	0.0	0	0.0
1995	109	98.2	96.0	0	0.0	0.0	0	0.0
1996	140	98.5	96.2	0	0.0	0.0	0	0.0
1997	130	98.1	96.2	0	0.0	0.0	0	0.0
1998	145	97.5	95.6	0	0.0	0.0	0	0.0
1999	134	97.4	95.6	0	0.0	0.0	0	0.0
2000	164	97.7	96.0	0	0.0	0.0	0	0.0

2001	160	97.5	95.9	0	0.0	0.0	0	0.0
2002	152	98.1	96.4	0	0.0	0.0	0	0.0
2003	187	98.2	96.3	0	0.0	0.0	0	0.0
2004	218	97.7	96.3	0	0.0	0.0	0	0.0
2005	250	98.1	96.5	0	0.0	0.0	0	0.0
2006	263	97.9	96.6	0	0.0	0.0	0	0.0
2007	248	97.8	96.2	0	0.0	0.0	0	0.0
2008	292	97.7	96.7	0	0.0	0.0	0	0.0
2009	261	97.5	96.8	0	0.0	0.0	0	0.0
2010	317	98.4	96.7	0	0.0	0.0	0	0.0
2011	336	98.0	97.2	0	0.0	0.0	0	0.0
2012	364	98.3	97.4	0	0.0	0.0	0	0.0
2013	344	97.9	97.2	0	0.0	0.0	1	101.0
2014	330	98.4	97.6	0	0.0	0.0	0	0.0
2015	297	98.4	97.6	0	0.0	0.0	0	0.0
2016	278	98.7	97.7	0	0.0	0.0	0	0.0
2017	272	98.9	97.8	0	0.0	0.0	0	0.0
2018	65	99.4	97.7	0	0.0	0.0	0	0.0

Tabel: 148 Witblauw Mixte: Stofwisselingsaandoeningen

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	11	100.0	0	0.0	0	0.0	11	97.5
1992	11	100.0	0	0.0	0	0.0	11	98.1
1993	16	100.0	0	0.0	0	0.0	16	96.7
1994	19	100.0	0	0.0	0	0.0	19	97.4
1995	23	100.0	0	0.0	0	0.0	23	96.8
1996	37	100.0	0	0.0	0	0.0	37	96.5
1997	27	99.9	0	0.0	0	0.0	27	96.2
1998	50	100.0	0	0.0	0	0.0	50	96.7
1999	46	100.0	0	0.0	0	0.0	46	97.4
2000	69	100.0	0	0.0	0	0.0	69	96.8
2001	77	99.9	0	0.0	0	0.0	77	96.8
2002	67	99.9	0	0.0	0	0.0	67	96.3
2003	99	99.9	0	0.0	0	0.0	99	96.1
2004	126	99.9	0	0.0	0	0.0	126	96.3
2005	135	99.9	0	0.0	0	0.0	135	96.5
2006	162	100.0	0	0.0	0	0.0	162	96.6
2007	172	99.9	0	0.0	0	0.0	172	96.7
2008	213	99.9	0	0.0	0	0.0	213	96.9
2009	215	99.9	0	0.0	0	0.0	215	96.9
2010	304	99.9	0	0.0	0	0.0	304	97.2
2011	337	100.0	0	0.0	0	0.0	337	97.6
2012	365	100.0	0	0.0	0	0.0	365	97.6
2013	341	100.0	0	0.0	0	0.0	341	97.6
2014	322	100.0	0	0.0	0	0.0	322	97.7
2015	287	100.0	0	0.0	0	0.0	287	97.7
2016	269	100.0	0	0.0	0	0.0	269	97.7
2017	248	100.0	0	0.0	0	0.0	248	97.7
2018	66	100.0	0	0.0	0	0.0	66	97.3

Tabel: 149 Rood Dubbeldoel: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	21	-1726.0	-74.6	-69.6	-85.5	4.5	-12.8	-13.0	-467.7
1981	16	-1727.8	-79.4	-70.2	-85.6	-5.6	-13.8	-12.9	-480.3
1982	18	-1819.7	-78.2	-72.5	-89.8	6.1	-11.8	-13.2	-488.3
1983	46	-2005.0	-85.3	-77.5	-98.3	9.0	-7.6	-13.7	-526.4
1984	51	-2184.6	-91.9	-83.0	-106.4	13.0	-5.6	-13.9	-565.3
1985	63	-2233.3	-97.9	-85.2	-108.7	4.4	-6.1	-14.1	-587.4
1986	95	-2307.1	-98.7	-86.4	-112.0	10.4	-2.4	-14.2	-595.2
1987	139	-2233.7	-96.7	-84.8	-108.7	6.8	-5.1	-14.2	-583.2
1988	181	-2169.5	-93.0	-82.8	-105.7	8.9	-5.8	-13.9	-566.4
1989	173	-2118.8	-91.8	-82.0	-103.4	5.8	-8.5	-13.8	-560.2
1990	162	-2025.3	-87.2	-79.3	-99.2	7.1	-9.6	-13.7	-538.1
1991	129	-1952.6	-85.7	-78.0	-95.8	3.3	-12.9	-13.4	-528.8
1992	80	-2021.1	-85.9	-79.1	-99.0	10.6	-9.4	-13.7	-534.5
1993	67	-1913.3	-83.1	-76.0	-94.1	5.4	-11.1	-13.4	-514.4
1994	64	-1796.5	-78.1	-72.4	-88.7	5.0	-12.8	-13.1	-487.6
1995	58	-1804.7	-79.8	-73.6	-89.0	1.5	-14.9	-13.0	-495.9
1996	31	-1961.0	-80.0	-73.5	-96.3	16.9	-2.3	-13.5	-498.3
1997	29	-1874.4	-80.6	-72.6	-92.2	6.0	-7.5	-13.1	-494.8
1998	36	-1788.1	-81.6	-72.7	-88.4	-4.0	-14.1	-13.3	-495.8
1999	37	-1740.0	-79.5	-71.7	-86.2	-4.1	-15.9	-12.9	-487.0
2000	31	-1717.2	-77.8	-68.6	-85.1	-2.1	-11.0	-12.9	-470.3
2001	35	-1611.6	-72.5	-66.2	-80.3	-1.1	-13.7	-12.7	-447.7
2002	40	-1686.5	-79.1	-68.8	-64.8	-7.8	-13.3	26.4	-467.8
2003	43	-1683.9	-80.1	-69.3	-54.4	-10.6	-14.9	49.8	-468.8
2004	47	-1468.4	-73.6	-64.8	-45.2	-15.9	-21.1	45.6	-433.7
2005	36	-1598.8	-77.6	-68.1	-50.1	-12.9	-18.7	48.6	-457.3
2006	61	-1432.9	-72.2	-63.0	-44.5	-16.6	-20.1	43.1	-423.4
2007	42	-1500.3	-77.1	-65.8	-46.8	-20.8	-20.9	45.4	-445.8
2008	46	-1384.4	-70.6	-61.9	-43.7	-17.6	-21.1	39.4	-415.2
2009	30	-1613.9	-82.2	-68.5	-52.2	-21.2	-18.4	46.1	-469.2
2010	28	-1372.6	-71.2	-62.6	-46.0	-19.8	-23.2	33.5	-420.0
2011	27	-1318.6	-71.4	-59.6	-39.9	-24.9	-21.3	41.0	-406.4
2012	32	-1458.6	-74.1	-62.9	-46.4	-17.8	-18.1	42.2	-427.5
2013	25	-1464.0	-68.1	-62.6	-43.0	-6.1	-17.2	49.2	-412.6
2014	23	-1345.0	-65.9	-59.3	-42.0	-11.7	-18.8	39.7	-393.9
2015	41	-1324.5	-68.9	-58.9	-40.5	-19.4	-19.5	40.5	-398.1
2016	26	-1428.6	-70.8	-60.2	-47.0	-13.9	-14.6	37.9	-409.8
2017	33	-1419.8	-66.4	-60.8	-40.2	-5.6	-16.6	50.7	-400.9

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

Tabel: 150 Rood Dubbeldoel: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	10	96.7	96.1	96.6	98.6	101.9	92.1	99.9
1986	13	96.0	94.4	95.5	98.0	100.7	93.3	100.9
1987	19	95.5	95.3	95.8	98.3	101.1	93.0	100.5
1988	24	96.5	95.8	96.5	98.8	101.1	92.3	102.5
1989	34	95.4	96.6	96.2	98.3	101.8	92.2	101.7
1990	43	96.7	95.5	95.9	98.1	101.3	92.5	102.5
1991	21	96.0	95.3	96.4	98.8	100.9	92.8	101.7
1992	15	96.2	96.7	96.0	97.7	102.6	92.2	101.9
1993	16	96.4	95.5	96.3	98.6	101.1	92.9	101.2
1994	16	96.1	97.8	96.6	98.2	103.1	92.1	102.1

1995	15	95.5	97.7	96.4	98.5	102.3	92.7	103.1
1998	12	96.8	95.9	96.2	98.8	101.7	94.5	100.8
1999	11	97.7	95.7	97.2	99.5	100.5	92.5	102.5
2001	10	97.2	96.5	97.3	99.2	101.3	93.3	102.2
2002	14	96.8	96.1	97.4	99.6	101.4	94.1	101.6

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	10	96.7	100.5	103.4	93.9	95.9
1986	13	95.2	100.9	102.0	92.7	94.3
1987	19	95.5	101.4	101.6	92.8	94.9
1988	24	95.8	101.1	102.5	93.1	95.0
1989	34	95.1	101.7	101.4	92.6	94.1
1990	43	95.2	100.4	102.4	92.7	94.3
1991	21	95.5	100.4	102.6	92.8	94.6
1992	15	95.8	101.0	102.7	93.3	94.7
1993	16	94.6	101.0	101.8	92.3	93.8
1994	16	95.2	100.3	102.9	92.9	93.9
1995	15	95.3	101.8	101.4	92.9	94.3
1998	12	96.8	100.4	103.1	94.0	96.4
1999	11	96.7	99.4	104.0	93.6	96.0
2001	10	96.8	99.1	104.4	93.7	95.7
2002	14	97.7	98.7	105.0	94.2	96.7

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	10	97.7	94.5	103.7	100.1	95.7	98.4	95.9
1986	13	97.4	93.0	104.8	99.7	95.9	98.4	95.1
1987	19	97.3	94.3	103.4	100.0	95.6	98.4	95.8
1988	24	96.8	94.0	104.2	99.2	95.1	98.7	96.0
1989	34	97.3	93.8	104.9	99.7	95.1	97.8	95.0
1990	43	97.7	93.7	104.7	99.8	95.5	97.8	95.0
1991	21	97.3	95.3	104.3	98.9	95.9	98.1	95.8
1992	15	96.9	92.9	106.1	99.6	95.0	98.9	95.5
1993	16	96.7	92.2	105.8	99.8	95.3	97.4	94.1
1994	16	96.8	93.0	105.5	99.6	95.3	98.7	95.2
1995	15	96.6	92.9	105.4	98.9	94.9	97.5	94.5
1998	12	96.6	94.8	103.7	99.8	95.6	99.2	96.4
1999	11	97.5	95.4	104.2	100.3	96.1	99.2	96.5
2001	10	97.6	95.7	103.7	101.0	95.7	98.9	96.5
2002	14	98.0	97.0	103.7	100.4	96.4	99.4	97.3

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	10	93.4	100.3	97.8	96.7	100.9	94.9
1986	13	93.6	98.9	97.5	94.7	100.0	93.8

1987	19	93.5	99.5	97.4	95.1	100.2	93.9
1988	24	94.6	100.5	96.8	95.5	100.2	94.4
1989	34	94.4	100.4	97.2	94.2	100.1	93.7
1990	43	94.4	100.0	97.4	94.7	100.3	94.2
1991	21	94.0	100.0	97.0	94.9	100.0	93.9
1992	15	94.5	100.6	96.9	95.1	101.1	94.3
1993	16	94.0	99.8	96.9	93.9	99.5	93.2
1994	16	94.9	101.3	96.9	94.4	101.2	94.0
1995	15	95.5	101.2	96.5	94.4	100.5	93.9
1998	12	94.7	100.6	97.3	96.5	100.3	95.2
1999	11	94.5	100.6	97.8	96.4	99.7	95.3
2001	10	95.1	101.2	98.0	96.2	100.3	95.6
2002	14	95.4	101.0	98.3	97.2	100.4	96.4

Tabel: 154 Rood Dubbeldoel: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	93	97.5	105.4	99.6	101.8	98.8	95.7	93.6	100.9
1981	47	96.7	105.9	99.0	102.0	98.5	94.7	92.9	100.6
1982	76	98.1	104.8	99.1	101.7	99.3	95.2	91.2	100.5
1983	108	98.5	105.7	100.4	102.8	100.2	95.7	92.3	101.8
1984	108	98.6	104.5	99.0	101.8	99.7	95.3	90.8	100.5
1985	121	98.2	104.8	98.8	101.8	99.4	94.7	90.2	100.3
1986	146	98.0	104.4	98.5	101.3	99.1	94.7	90.5	100.0
1987	177	97.6	104.8	98.4	101.5	98.8	94.4	90.8	99.9
1988	228	98.5	104.4	99.0	101.6	99.6	95.4	90.9	100.3
1989	238	98.5	105.0	99.4	102.2	99.9	95.0	91.1	100.9
1990	209	98.3	104.4	99.0	101.5	99.4	94.9	90.9	100.3
1991	168	98.7	104.4	99.3	101.7	99.9	95.3	91.2	100.5
1992	115	98.3	104.7	99.1	101.7	99.5	95.0	91.1	100.5
1993	92	98.8	104.1	99.1	101.4	99.7	95.4	90.8	100.3
1994	81	98.7	103.9	98.8	101.3	99.6	95.6	91.1	100.0
1995	71	99.5	104.1	99.8	102.1	100.7	96.0	91.7	101.1
1996	45	99.5	104.3	99.9	102.2	100.8	95.9	91.2	101.1
1997	36	98.9	103.5	98.5	101.1	99.7	95.4	90.9	99.7
1998	42	98.9	103.7	98.8	101.1	99.8	95.3	91.3	99.9
1999	43	99.2	103.7	99.1	101.5	100.2	95.5	91.2	100.4
2000	33	98.8	103.6	98.8	101.3	99.8	94.9	90.9	99.9
2001	39	98.8	104.1	99.1	101.7	100.0	95.1	91.5	100.4
2002	48	98.6	104.5	99.2	102.0	100.1	94.9	91.7	100.6
2003	53	98.8	103.9	99.0	101.6	100.0	95.3	91.0	100.3
2004	65	98.4	103.5	98.1	101.0	99.4	95.1	91.3	99.5
2005	61	98.3	103.8	98.5	101.1	99.5	94.7	90.9	99.7
2006	67	98.8	103.3	98.5	101.0	99.9	95.3	91.3	99.7
2007	58	98.5	103.3	98.2	100.8	99.4	94.7	91.2	99.4
2008	62	99.1	103.0	98.6	100.6	99.9	95.0	91.4	99.6
2009	48	99.0	103.4	98.9	101.1	99.8	95.0	91.9	100.1
2010	43	98.8	104.0	99.2	101.5	100.1	95.0	91.8	100.4
2011	45	98.9	103.6	99.0	101.2	100.0	95.2	92.0	100.0
2012	54	98.2	103.9	98.8	101.2	99.5	95.3	93.5	100.0
2013	46	99.1	103.0	98.8	100.9	99.8	95.5	92.6	99.9
2014	37	98.4	103.8	98.8	101.2	99.6	94.8	92.5	99.8
2015	61	98.6	103.1	98.5	100.7	99.5	95.0	92.9	99.5
2016	32	98.8	103.5	99.0	101.2	99.8	95.4	93.6	100.1
2017	41	98.2	104.0	98.8	101.3	99.6	95.1	93.3	100.0
2018	12	98.8	104.2	99.5	102.0	100.3	95.3	93.3	101.0



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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1986	11	96.2	0.0	92.4	101.4	103.8
1987	13	96.0	0.0	93.2	102.3	104.7
1988	20	95.5	4.9	92.7	101.7	103.5
1989	30	95.5	3.2	92.7	101.9	103.9
1990	34	95.3	0.0	92.3	101.3	102.8
1991	17	94.7	0.0	92.5	101.2	104.1
1992	10	95.3	0.0	92.0	101.3	102.7
1993	12	96.5	8.1	92.6	101.6	103.1
1994	16	94.7	73.4	92.2	101.5	103.4
1995	15	96.1	91.5	93.0	101.4	104.4
1998	12	96.3	72.6	92.1	100.6	103.3
1999	11	95.7	96.7	92.8	101.0	103.9
2001	10	95.4	97.7	93.2	101.2	103.2
2002	15	94.5	90.2	92.8	100.6	103.6

Tabel: 156 Rood Dubbeldoel: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	21	-163.1	-467.7	0.0	103.0	100.9	98.0	98.0	0.0	0.0
1981	16	-167.9	-480.3	0.0	102.8	100.6	98.0	96.0	0.0	0.0
1982	18	-174.9	-488.3	0.0	102.9	100.5	97.6	96.2	0.0	0.0
1983	46	-180.0	-526.4	0.0	103.7	101.8	97.6	95.4	0.0	0.0
1984	51	-195.6	-565.3	-78.8	103.5	100.5	97.1	96.3	98.0	0.0
1985	63	-201.2	-587.4	0.0	104.0	100.3	97.8	96.7	0.0	72.3
1986	95	-211.7	-595.2	215.0	103.0	100.0	97.5	94.7	0.0	78.8
1987	139	-200.2	-583.2	152.8	104.1	99.9	97.4	95.1	0.0	57.8
1988	181	-199.2	-566.4	250.4	103.0	100.3	96.8	95.5	0.0	64.5
1989	173	-199.5	-560.2	228.8	103.4	100.9	97.2	94.2	0.0	55.0
1990	162	-195.0	-538.1	264.8	102.4	100.3	97.4	94.7	0.0	63.5
1991	129	-182.8	-528.8	166.4	103.2	100.5	97.0	94.9	0.0	60.6
1992	80	-191.5	-534.5	201.8	102.3	100.5	96.9	95.1	0.0	54.9
1993	67	-187.8	-514.4	123.2	102.8	100.3	96.9	93.9	0.0	63.1
1994	64	-171.9	-487.6	156.0	102.8	100.0	96.9	94.4	0.0	54.1
1995	58	-177.9	-495.9	0.1	103.6	101.1	96.5	94.4	0.0	48.6
1996	31	-184.3	-498.3	-147.1	102.6	101.1	97.9	95.8	0.0	47.3
1997	29	-183.4	-494.8	-55.9	103.1	99.7	97.1	96.6	0.0	51.3
1998	36	-191.1	-495.8	-141.6	102.5	99.9	97.3	96.5	0.0	56.1
1999	37	-190.6	-487.0	-295.4	102.9	100.4	97.8	96.4	0.0	48.8
2000	31	-185.7	-470.3	-356.1	103.1	99.9	98.4	97.0	0.0	40.5
2001	35	-182.3	-447.7	-317.1	102.6	100.4	98.0	96.2	0.0	46.4
2002	40	-189.2	-467.8	-350.5	102.6	100.6	98.3	97.2	0.0	57.8
2003	43	-191.5	-468.8	-367.2	102.2	100.3	98.5	98.5	0.0	67.0
2004	47	-175.3	-433.7	-317.7	103.1	99.5	0.0	0.0	0.0	61.1
2005	36	-192.9	-457.3	-368.2	101.8	99.7	0.0	0.0	0.0	62.9
2006	61	-176.4	-423.4	-363.6	102.8	99.7	98.0	94.0	0.0	59.3
2007	42	-172.3	-445.8	-315.9	103.3	99.4	97.0	94.0	0.0	57.0
2008	46	-162.6	-415.2	-306.1	103.0	99.6	98.0	96.0	0.0	55.5
2009	30	-191.4	-469.2	-334.1	102.5	100.1	0.0	0.0	0.0	63.5
2010	28	-163.0	-420.0	-234.1	103.9	100.4	100.0	95.0	0.0	58.7
2011	27	-153.4	-406.4	-264.5	102.7	100.0	0.0	0.0	0.0	46.5
2012	32	-166.9	-427.5	-368.1	102.8	100.0	102.0	97.0	0.0	50.6
2013	25	-159.2	-412.6	-369.1	104.4	99.9	0.0	0.0	0.0	49.9
2014	23	-144.6	-393.9	-282.5	103.7	99.8	0.0	0.0	0.0	51.1

2015	41	-159.6	-398.1	-332.1	103.0	99.5	0.0	0.0	0.0	52.0
2016	26	-161.8	-409.8	-381.9	103.4	100.1	0.0	0.0	0.0	52.5
2017	33	-147.5	-400.9	-308.3	104.2	100.0	0.0	0.0	0.0	63.9

Tabel: 157 Rood Dubbeldoel: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1983	18	78.8	107.1	127.9	53.9	46.6	49.6
1984	28	81.0	105.1	125.3	42.1	37.0	38.2
1985	32	79.0	106.4	127.5	77.8	67.8	69.8
1986	45	79.1	107.2	127.3	87.7	77.5	81.9
1987	76	78.8	106.3	127.7	92.9	81.0	84.4
1988	117	78.2	108.0	128.1	87.1	75.6	77.9
1989	102	77.2	106.6	130.0	83.9	73.0	76.5
1990	113	79.2	107.2	126.9	77.5	67.8	71.8
1991	70	82.7	105.6	122.9	87.2	76.9	80.0
1992	56	82.1	106.1	124.2	71.9	63.7	68.4
1993	43	78.0	106.6	128.6	61.4	54.9	58.7
1994	22	79.6	106.0	126.6	90.9	82.2	87.4
1995	16	81.6	105.1	124.4	106.4	93.9	97.2
1996	10	79.9	105.7	126.6	105.7	93.5	98.0
1998	16	80.8	104.6	125.2	85.6	75.9	81.1
1999	22	81.4	105.0	124.5	96.1	85.2	91.0
2000	14	78.1	105.7	128.4	97.9	87.7	93.4
2001	20	82.0	105.0	124.0	96.0	85.0	88.8
2002	28	81.2	103.6	124.6	102.5	90.2	95.4
2003	19	81.1	104.9	125.1	93.8	84.0	88.2
2004	34	81.8	104.1	124.2	99.1	88.5	92.5
2005	13	80.1	105.5	125.9	72.7	65.2	68.9
2006	29	81.0	105.3	125.2	101.3	90.1	95.8
2007	34	83.4	104.6	122.4	103.7	94.0	101.6
2008	31	83.1	104.3	122.8	103.5	93.5	102.0
2009	35	82.7	104.7	123.1	100.9	90.9	98.7
2010	28	83.1	105.7	122.8	103.8	93.2	103.5
2011	26	83.2	104.6	122.7	100.5	90.0	97.3
2012	30	83.4	105.4	122.3	100.1	90.8	98.4
2013	30	85.9	104.2	119.3	104.6	92.4	99.2
2014	23	83.3	104.7	122.4	104.3	93.8	101.0
2015	43	84.0	104.2	121.6	104.3	93.2	99.6
2016	27	84.9	102.8	120.4	105.2	93.2	97.5
2017	37	82.7	104.4	123.2	105.1	93.3	97.7
2018	31	82.2	104.5	123.6	98.4	87.0	91.0
2019	25	84.4	104.2	121.2	89.6	78.2	82.0
2020	16	84.6	104.8	121.1	86.2	75.6	80.5

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2002	17	104.4	108.5	96.6	107.9	105.2	100.6	103.8	99.0	106.6	100.2	105.9
2003	15	104.7	112.3	96.5	109.5	106.8	100.7	103.5	98.2	109.1	99.9	106.9
2004	25	102.7	108.2	98.6	106.7	104.2	101.0	102.2	98.0	106.3	100.4	104.8
2005	11	103.3	109.5	99.6	106.5	105.5	101.5	102.1	98.0	107.7	100.9	105.3
2006	17	103.9	109.2	98.1	108.2	104.7	101.2	103.1	98.9	106.7	100.8	106.2
2007	27	102.9	105.6	99.2	105.4	103.8	101.3	102.3	99.0	104.6	101.1	104.3

2008	35	102.9	106.1	98.7	105.6	104.0	101.3	102.1	99.1	104.9	100.9	104.4
2009	28	102.4	105.2	98.8	104.5	103.7	101.4	101.6	99.2	104.4	100.9	103.3
2010	14	103.2	104.9	100.1	104.5	104.3	101.8	102.1	100.0	104.5	102.1	103.7
2011	16	103.1	105.9	99.3	105.5	104.2	101.4	102.2	99.0	104.9	101.1	104.3
2012	19	103.4	106.7	98.4	106.1	104.5	101.3	102.6	98.7	105.4	100.8	104.9
2015	11	102.2	105.5	99.2	104.8	103.6	101.7	101.5	99.1	104.6	101.4	103.3

Tabel: 159 Rood Dubbeldoel: Levensproductiekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36	-3451.3	-13646.6	-576.5	-501.4
2002	40	-3716.0	-14533.8	-626.5	-533.0
2003	43	-3828.2	-14915.1	-644.9	-547.2
2004	47	-3486.0	-13323.8	-584.5	-501.0
2005	36	-3794.8	-14679.6	-637.9	-543.7
2006	61	-3659.0	-14055.4	-616.3	-524.4
2007	40	-3501.4	-13353.1	-591.2	-501.4
2008	46	-3361.8	-12790.7	-564.6	-483.6
2009	30	-3657.7	-13987.9	-621.9	-521.3
2010	28	-3003.2	-11203.4	-502.2	-434.5
2011	27	-3128.9	-11734.9	-531.8	-447.2
2012	32	-3702.2	-14248.3	-628.2	-528.2
2013	25	-3670.7	-14288.6	-612.9	-527.5
2014	23	-3193.8	-12244.8	-532.7	-460.8
2015	41	-3452.6	-13223.4	-585.3	-493.4
2016	26	-3727.5	-14493.1	-633.1	-531.4
2017	33	-3342.8	-12957.1	-556.1	-481.5

Tabel: 160 Rood Dubbeldoel: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	21	100.5	95.8	0	0.0	0.0	0	0.0
1981	16	100.6	95.8	0	0.0	0.0	0	0.0
1982	18	99.9	96.2	0	0.0	0.0	0	0.0
1983	46	99.9	95.4	0	0.0	0.0	0	0.0
1984	51	99.3	96.0	0	0.0	0.0	0	0.0
1985	63	100.0	96.3	63	-5.1	72.3	0	0.0
1986	95	99.6	95.8	95	-5.2	78.8	0	0.0
1987	139	99.4	95.6	139	-4.8	57.8	0	0.0
1988	181	99.2	95.8	181	-4.8	64.5	0	0.0
1989	173	100.0	96.5	173	-4.6	55.0	0	0.0
1990	162	100.2	96.8	162	-4.6	63.5	0	0.0
1991	129	99.2	96.7	129	-4.4	60.6	0	0.0
1992	80	100.5	97.7	80	-4.4	54.9	0	0.0
1993	67	99.7	97.4	69	-4.4	63.1	0	0.0
1994	64	100.0	96.7	64	-4.1	54.1	0	0.0
1995	58	99.6	95.5	58	-4.0	48.6	0	0.0
1996	31	98.8	95.8	31	-4.1	47.3	0	0.0
1997	29	100.6	96.2	29	-4.1	51.3	0	0.0
1998	36	99.9	96.9	36	-4.2	56.1	0	0.0
1999	37	100.4	96.8	37	-4.0	48.8	0	0.0
2000	31	100.5	96.4	31	-3.8	40.5	0	0.0
2001	35	101.2	96.3	35	-3.7	46.4	10	97.7
2002	40	101.0	97.0	40	-3.9	57.8	14	97.4

2003	43	100.5	96.3	43	-4.0	67.0	2	95.5
2004	47	100.7	96.7	47	-3.6	61.1	0	0.0
2005	36	101.1	96.8	36	-3.8	62.9	0	0.0
2006	61	101.3	96.7	61	-3.5	59.3	1	100.0
2007	42	102.1	96.9	42	-3.7	57.0	1	97.0
2008	46	102.0	97.7	46	-3.4	55.5	1	96.0
2009	30	101.9	97.2	30	-3.9	63.5	0	0.0
2010	28	102.5	96.6	28	-3.5	58.7	1	95.0
2011	27	102.1	98.1	27	-3.2	46.5	0	0.0
2012	32	102.5	98.0	32	-3.5	50.6	1	96.0
2013	25	102.2	97.7	25	-3.3	49.9	0	0.0
2014	23	101.6	96.8	23	-3.2	51.1	0	0.0
2015	41	101.7	98.0	41	-3.3	52.0	0	0.0
2016	26	101.3	96.8	26	-3.4	52.5	0	0.0
2017	33	101.4	97.6	33	-3.4	63.9	0	0.0

Tabel: 161 Rood Dubbeldoel: Stofwisselingsaandoeningen  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1999	12	100.0	0	0.0	0	0.0	12	98.2
2002	14	100.0	0	0.0	0	0.0	14	98.6
2004	19	100.0	0	0.0	0	0.0	19	98.7
2006	26	100.0	0	0.0	0	0.0	26	98.3
2007	23	100.0	0	0.0	0	0.0	23	98.4
2008	21	100.0	0	0.0	0	0.0	21	99.0
2009	23	100.0	0	0.0	0	0.0	23	99.9
2010	27	100.0	0	0.0	0	0.0	27	98.8
2011	25	100.0	0	0.0	0	0.0	25	99.7
2012	32	100.0	0	0.0	0	0.0	32	98.3
2013	25	100.0	0	0.0	0	0.0	25	97.7
2014	20	100.0	0	0.0	0	0.0	20	98.8
2015	38	100.0	0	0.0	0	0.0	38	99.1
2016	21	100.0	0	0.0	0	0.0	21	99.9
2017	28	100.0	0	0.0	0	0.0	28	98.9

Tabel: 162 Witrood: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	593	-1776.6	-78.0	-71.7	-87.8	2.4	-13.3	-13.1	-484.3
1981	651	-1891.8	-83.3	-75.9	-93.1	2.0	-13.6	-13.2	-514.2
1982	685	-1898.4	-82.8	-76.3	-93.4	4.0	-13.8	-13.3	-514.8
1983	500	-1935.4	-83.8	-78.6	-95.1	5.4	-15.9	-13.4	-526.7
1984	492	-1992.5	-87.3	-80.3	-97.7	3.6	-15.3	-13.5	-542.1
1985	777	-1946.8	-86.6	-78.1	-95.6	0.7	-13.6	-13.4	-530.9
1986	1200	-1979.2	-86.8	-78.5	-97.1	3.5	-11.9	-13.5	-533.3
1987	2324	-1935.8	-84.5	-77.2	-95.1	4.3	-12.3	-13.4	-522.5
1988	3293	-1873.6	-82.8	-75.8	-92.2	2.2	-14.1	-13.3	-512.5
1989	3395	-1995.3	-86.4	-78.8	-97.8	6.7	-10.8	-13.6	-533.8
1990	3794	-1881.5	-82.7	-76.0	-92.6	3.5	-13.6	-13.3	-513.3
1991	4290	-1794.0	-79.6	-72.8	-88.6	1.5	-13.6	-13.1	-492.5
1992	4192	-1741.4	-78.4	-71.6	-86.2	-1.0	-15.0	-13.0	-484.1
1993	4077	-1651.9	-75.6	-68.9	-82.1	-3.5	-15.9	-12.8	-465.9
1994	3695	-1630.0	-73.3	-67.5	-81.1	-0.8	-14.9	-12.8	-455.2
1995	2870	-1485.3	-66.9	-63.1	-74.5	-1.0	-16.3	-12.5	-421.9

1996	1222	-1469.5	-66.8	-62.6	-73.8	-2.1	-16.4	-12.5	-419.2
1997	570	-1385.2	-66.0	-59.7	-70.0	-7.3	-16.5	-12.4	-404.5
1998	403	-1339.1	-62.6	-58.3	-67.8	-5.2	-16.9	-12.2	-391.0
1999	359	-1232.0	-59.7	-55.1	-63.0	-8.7	-18.0	-12.1	-370.2
2000	306	-1196.3	-59.1	-54.4	-61.3	-10.3	-19.2	-12.0	-365.7
2001	295	-1084.0	-55.4	-51.1	-56.0	-12.1	-20.2	-11.5	-342.8
2002	226	-1160.2	-57.5	-53.0	-56.8	-10.0	-18.6	-6.5	-355.1
2003	169	-1067.4	-57.7	-50.9	-42.9	-17.9	-20.8	12.1	-342.7
2004	209	-1114.3	-57.8	-51.2	-45.3	-14.3	-18.3	11.7	-345.1
2005	241	-1154.1	-61.6	-52.6	-47.9	-18.3	-18.3	10.2	-359.3
2006	247	-1058.1	-57.6	-49.4	-44.1	-18.1	-18.3	8.8	-336.7
2007	252	-1039.9	-59.9	-49.5	-43.5	-24.0	-19.9	8.2	-342.0
2008	237	-1027.9	-59.5	-49.3	-42.9	-24.2	-20.1	8.3	-339.8
2009	251	-953.1	-56.9	-46.2	-42.0	-25.9	-19.6	3.6	-321.3
2010	236	-918.6	-56.9	-45.1	-41.5	-28.4	-19.8	1.7	-317.0
2011	241	-997.1	-58.9	-47.6	-43.5	-26.4	-19.4	4.6	-331.9
2012	245	-979.6	-57.7	-46.6	-41.6	-25.2	-18.6	6.6	-324.9
2013	267	-1040.3	-60.7	-48.9	-44.9	-26.2	-19.1	5.7	-341.6
2014	270	-1017.0	-60.9	-48.8	-43.6	-28.6	-20.2	6.1	-341.1
2015	255	-1054.8	-61.2	-50.1	-44.2	-26.0	-20.3	8.3	-347.5
2016	267	-1031.2	-61.0	-49.9	-41.7	-27.0	-21.3	10.9	-345.4
2017	221	-945.1	-57.3	-46.2	-38.6	-27.1	-20.1	9.1	-321.4
2018	56	-1038.4	-61.0	-50.0	-41.3	-27.4	-21.6	12.2	-345.6

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

Tabel: 163 Witrood: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	40	96.0	94.9	98.1	99.8	101.4	93.1	99.6
1981	95	95.2	96.3	97.9	99.3	102.7	94.0	99.3
1982	143	96.2	93.5	96.7	99.5	100.6	93.1	97.5
1983	110	95.8	96.0	97.3	99.0	102.9	92.2	98.2
1984	102	97.7	96.2	98.2	100.3	102.2	94.8	100.4
1985	223	97.6	96.6	97.8	99.8	102.7	94.0	100.0
1986	290	97.8	97.1	98.3	100.1	103.0	94.1	100.5
1987	502	97.6	97.2	98.3	100.3	102.9	94.5	100.8
1988	676	97.1	97.2	98.0	100.0	103.1	94.4	100.1
1989	779	97.4	97.1	98.1	99.9	103.2	94.3	100.2
1990	1143	98.0	97.3	98.1	100.0	103.5	94.7	100.3
1991	1337	98.1	97.2	97.9	100.1	103.5	95.3	100.4
1992	1348	98.1	97.3	98.1	100.1	103.5	94.9	100.6
1993	1345	97.9	97.6	98.2	100.1	103.7	94.5	100.5
1994	1118	98.4	98.1	98.6	100.4	103.9	94.9	101.2
1995	779	98.9	97.7	98.8	100.7	103.4	94.9	101.3
1996	249	98.6	98.7	99.1	100.5	104.4	94.7	101.3
1997	103	98.6	97.7	99.5	101.2	103.1	94.1	101.5
1998	43	98.8	98.7	99.1	100.7	104.2	95.3	101.5
1999	27	98.6	97.5	98.2	100.6	103.4	95.1	100.9
2000	24	99.0	97.1	99.1	101.2	103.1	95.1	101.5
2001	19	101.3	97.7	101.3	103.1	102.0	95.0	102.3
2003	10	100.0	96.9	99.2	101.7	102.1	94.8	101.8
2005	11	101.5	97.7	101.1	102.9	102.3	94.8	102.9
2006	12	101.8	97.1	101.2	103.2	101.8	94.8	103.1

Tabel: 164 Witrood: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	40	94.4	103.2	100.5	92.0	93.5
1981	95	94.8	104.9	100.2	92.8	93.7
1982	143	94.4	102.5	101.0	91.6	93.1
1983	110	95.5	103.1	100.4	92.9	94.0
1984	102	96.4	103.3	101.2	94.2	95.0
1985	223	96.7	104.1	100.7	94.1	95.1
1986	290	97.2	104.1	100.7	94.7	95.6
1987	502	96.8	103.4	101.6	94.6	95.2
1988	676	96.5	103.9	101.2	94.4	94.8
1989	779	96.6	104.2	100.8	94.2	95.0
1990	1143	96.5	103.7	101.8	94.2	94.5
1991	1337	96.6	103.5	101.8	94.3	94.7
1992	1348	96.7	104.0	101.2	94.3	95.0
1993	1345	96.6	104.4	100.8	94.1	94.7
1994	1118	96.6	104.4	100.9	94.3	94.9
1995	779	96.6	103.8	101.2	94.3	95.0
1996	249	96.4	104.5	101.0	94.2	94.7
1997	103	96.0	105.9	99.3	93.7	94.3
1998	43	96.3	105.4	99.6	94.2	94.5
1999	27	96.4	104.7	100.2	94.3	94.6
2000	24	96.1	105.6	99.3	93.9	94.8
2001	19	97.3	104.5	100.8	94.3	95.6
2003	10	96.7	104.6	100.9	94.1	94.5
2005	11	97.6	104.9	100.3	94.5	96.4
2006	12	97.2	105.0	99.8	94.4	95.9

Tabel: 165 Witrood: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	40	97.4	94.3	102.4	100.2	94.0	96.3	96.0
1981	95	96.8	93.8	102.8	98.5	92.6	94.5	95.2
1982	143	97.2	94.2	102.1	100.3	93.8	96.8	96.3
1983	110	96.4	93.8	101.6	99.2	92.8	95.5	95.5
1984	102	97.2	94.3	102.4	100.3	92.6	95.6	95.7
1985	223	97.1	94.4	102.6	100.3	92.3	95.5	95.8
1986	290	98.0	94.0	103.6	100.8	92.6	95.0	95.1
1987	502	97.8	93.6	103.5	100.6	92.7	94.8	94.8
1988	676	97.5	94.0	103.8	99.9	92.8	95.0	95.2
1989	779	97.7	93.6	104.2	100.4	92.6	94.9	94.8
1990	1143	97.7	93.3	103.6	100.8	92.4	95.0	95.1
1991	1337	97.6	93.4	102.8	101.1	92.0	94.9	95.1
1992	1348	97.3	93.7	103.1	100.7	91.9	95.1	95.2
1993	1345	97.4	93.9	102.9	100.1	92.0	95.3	95.3
1994	1118	98.1	94.0	102.8	100.9	91.9	94.9	94.9
1995	779	98.0	94.0	102.7	101.3	92.2	94.8	95.1
1996	249	97.8	93.6	103.2	100.8	91.8	94.6	94.7
1997	103	97.7	93.9	103.8	99.6	93.3	95.0	94.9
1998	43	97.6	94.2	102.2	100.2	90.8	94.3	95.0
1999	27	98.1	94.9	102.8	100.7	92.5	95.4	96.2
2000	24	97.7	95.0	103.2	99.9	93.1	95.2	95.9
2001	19	97.8	95.1	102.4	101.1	92.5	95.5	95.6
2003	10	98.4	95.0	101.0	101.6	94.1	96.8	97.7
2005	11	96.8	95.1	102.5	100.8	91.5	96.3	96.9

2006 12 98.4 95.7 102.4 102.2 92.6 95.7 96.2

Tabel: 166 Witrood: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	40	93.8	100.7	96.4	93.5	100.9	93.0
1981	95	94.6	101.4	94.7	93.6	101.9	92.4
1982	143	91.8	98.9	96.3	93.4	99.3	92.0
1983	110	92.8	100.9	95.1	94.2	101.3	92.3
1984	102	95.5	101.9	95.7	95.3	101.5	94.2
1985	223	94.9	101.9	95.5	95.2	101.6	93.9
1986	290	95.7	102.5	96.1	95.8	101.9	94.8
1987	502	96.0	102.7	96.0	95.6	101.8	94.8
1988	676	95.5	102.4	95.6	95.0	101.8	94.1
1989	779	95.5	102.4	95.8	95.1	102.0	94.2
1990	1143	95.8	102.6	95.8	94.9	102.1	94.2
1991	1337	96.0	102.7	95.8	95.1	102.1	94.4
1992	1348	96.0	102.8	95.5	95.1	102.2	94.3
1993	1345	95.9	102.9	95.4	94.8	102.2	94.0
1994	1118	96.8	103.5	96.0	95.0	102.2	94.8
1995	779	96.7	103.4	96.1	95.2	101.8	94.9
1996	249	97.0	104.0	95.7	94.8	102.7	94.7
1997	103	96.6	103.5	95.9	93.6	101.5	93.9
1998	43	97.5	104.1	94.9	94.3	102.3	94.2
1999	27	96.6	103.1	95.9	94.6	101.5	94.5
2000	24	96.8	103.5	95.8	94.5	101.3	94.4
2001	19	97.9	104.1	96.3	95.5	101.2	95.7
2003	10	96.6	103.1	97.1	94.7	100.5	95.2
2005	11	98.3	104.2	95.4	96.3	101.3	95.6
2006	12	97.8	104.2	96.8	95.5	100.7	95.8

Tabel: 167 Witrood: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2191	101.4	103.6	101.7	102.0	101.1	99.8	94.7	102.1
1981	2109	101.3	103.1	100.9	101.4	100.6	99.9	93.0	101.3
1982	1813	102.7	102.3	101.2	101.5	101.5	99.1	92.3	101.5
1983	1152	102.4	102.8	101.1	101.8	101.5	99.8	92.4	101.7
1984	1012	102.6	103.1	101.3	102.1	101.8	100.1	92.1	101.9
1985	1388	102.5	103.0	101.3	102.0	101.7	99.7	91.7	101.8
1986	1789	102.8	102.7	101.2	101.8	101.8	99.6	91.2	101.7
1987	2716	102.6	103.0	101.3	102.1	101.8	98.8	91.7	101.9
1988	3713	102.8	102.6	101.2	101.7	101.7	98.6	91.6	101.6
1989	4019	102.7	102.7	101.1	101.8	101.7	98.6	91.1	101.7
1990	4427	102.8	103.0	101.5	102.2	102.0	98.9	91.5	102.0
1991	4992	103.0	103.1	101.8	102.5	102.3	99.2	92.1	102.4
1992	4894	102.9	103.0	101.7	102.4	102.3	99.5	92.1	102.2
1993	4844	103.3	102.7	101.8	102.2	102.4	99.6	91.8	102.2
1994	4528	103.1	102.8	101.8	102.4	102.4	99.1	92.0	102.2
1995	3412	102.6	102.9	101.6	102.2	102.1	99.1	92.3	102.1
1996	1467	102.4	102.8	101.3	102.1	101.8	98.6	92.4	101.9
1997	672	101.7	102.7	100.9	101.7	101.1	97.8	92.7	101.4
1998	466	102.2	102.7	101.2	101.9	101.6	98.4	92.7	101.7
1999	418	102.1	103.0	101.4	102.1	101.7	98.5	93.2	101.9

2000	353	102.2	103.2	101.7	102.4	102.0	98.7	93.1	102.2
2001	331	102.2	103.3	101.8	102.5	102.0	99.2	93.7	102.3
2002	265	102.3	103.0	101.9	102.3	102.2	99.3	93.4	102.3
2003	201	102.1	103.3	101.8	102.5	102.0	99.0	93.6	102.3
2004	235	102.4	103.0	101.8	102.4	102.1	98.7	93.3	102.2
2005	291	102.3	102.9	101.7	102.3	102.1	98.6	93.4	102.2
2006	307	102.0	102.9	101.5	102.1	101.8	98.2	93.5	101.9
2007	329	102.4	102.6	101.8	102.0	102.2	98.6	92.8	102.1
2008	328	102.5	102.0	101.4	101.4	102.0	98.5	91.7	101.6
2009	352	101.7	101.9	100.8	101.0	101.3	97.6	92.0	101.0
2010	370	102.3	101.7	101.2	101.1	101.9	98.3	92.3	101.3
2011	377	102.1	101.6	100.9	100.8	101.6	98.0	91.9	101.0
2012	360	101.9	101.9	101.0	101.1	101.5	97.8	92.1	101.2
2013	387	102.1	102.3	101.3	101.6	101.8	97.8	92.2	101.6
2014	364	102.0	102.2	101.2	101.6	101.8	98.0	92.5	101.6
2015	323	101.9	102.4	101.2	101.7	101.7	98.0	92.7	101.6
2016	347	102.3	102.3	101.5	101.8	102.1	98.5	92.6	101.8
2017	268	102.3	102.2	101.6	101.8	102.1	98.3	92.7	101.8
2018	137	102.6	102.2	101.6	101.9	102.3	98.7	92.5	101.9

Tabel: 168 Witrood: Gebruikskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	95.8	0.0	94.5	102.4	104.2
1981	97	95.7	3.1	92.6	100.7	102.6
1982	144	96.8	1.4	93.6	103.3	105.0
1983	108	95.2	1.8	94.7	104.1	106.0
1984	88	95.6	12.4	93.8	102.5	105.1
1985	195	95.2	37.1	93.6	102.1	105.1
1986	271	96.2	33.0	93.1	101.4	104.7
1987	474	96.2	50.7	92.8	101.1	104.4
1988	666	95.2	43.1	92.7	100.9	104.3
1989	754	95.6	38.3	92.4	100.9	104.5
1990	1113	95.6	54.1	92.9	101.3	104.5
1991	1300	96.6	63.8	93.0	101.4	104.3
1992	1293	96.1	65.0	93.2	101.5	104.6
1993	1251	96.3	64.7	92.6	101.0	104.1
1994	1046	97.1	86.9	92.8	101.0	103.9
1995	747	97.3	95.5	92.9	101.1	103.6
1996	235	96.5	92.0	93.0	101.0	103.6
1997	88	96.3	92.5	92.2	100.2	102.4
1998	36	97.3	96.5	92.3	100.6	102.4
1999	24	97.0	91.0	92.2	100.5	101.9
2000	23	95.7	98.9	92.5	100.7	102.6
2001	17	97.3	93.4	92.0	100.4	101.8
2005	11	98.4	100.3	92.1	99.8	101.7
2006	11	96.8	90.4	92.0	99.6	101.7

Tabel: 169 Witrood: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	593	-163.7	-484.3	-602.7	103.8	102.1	96.4	93.5	0.0	0.0
1981	651	-195.1	-514.2	-518.7	102.0	101.3	94.7	93.6	0.0	0.0
1982	685	-175.2	-514.8	0.0	104.8	101.5	96.3	93.4	0.0	0.0



1983	500	-166.6	-526.7	0.0	105.8	101.7	95.1	94.2	0.0	0.0
1984	492	-173.0	-542.1	-157.0	104.4	101.9	95.7	95.3	0.0	0.0
1985	777	-181.4	-530.9	-357.0	104.3	101.8	95.5	95.2	97.0	56.1
1986	1200	-179.3	-533.3	-85.6	103.7	101.7	96.1	95.8	0.0	46.0
1987	2324	-182.8	-522.5	-57.7	103.4	101.9	96.0	95.6	0.0	37.3
1988	3293	-188.6	-512.5	116.8	103.2	101.6	95.6	95.0	0.0	39.4
1989	3395	-192.0	-533.8	181.8	103.3	101.7	95.8	95.1	0.0	41.0
1990	3794	-186.3	-513.3	128.5	103.5	102.0	95.8	94.9	97.0	34.5
1991	4290	-177.4	-492.5	108.3	103.5	102.4	95.8	95.1	101.0	28.8
1992	4192	-174.1	-484.1	118.4	103.7	102.2	95.5	95.1	100.0	27.9
1993	4077	-174.0	-465.9	119.2	103.1	102.2	95.4	94.8	99.0	26.3
1994	3695	-168.5	-455.2	72.3	103.0	102.2	96.0	95.0	0.0	19.9
1995	2870	-157.9	-421.9	46.5	102.9	102.1	96.1	95.2	0.0	19.8
1996	1222	-163.4	-419.2	-1.3	102.8	101.9	95.7	94.8	0.0	13.4
1997	570	-170.3	-404.5	-16.3	101.7	101.4	95.9	93.6	0.0	13.6
1998	403	-163.4	-391.0	-83.7	101.8	101.7	94.9	94.3	0.0	14.7
1999	359	-165.6	-370.2	-136.0	101.4	101.9	95.9	94.6	0.0	11.3
2000	306	-156.4	-365.7	-156.3	102.0	102.2	95.8	94.5	0.0	12.5
2001	295	-156.3	-342.8	-206.7	101.4	102.3	96.3	95.5	0.0	9.2
2002	226	-172.1	-355.1	-308.4	100.9	102.3	95.6	96.4	0.0	9.3
2003	169	-165.0	-342.7	-314.5	101.1	102.3	97.1	94.7	0.0	12.0
2004	209	-165.7	-345.1	-317.0	101.0	102.2	96.2	95.7	0.0	8.9
2005	241	-169.5	-359.3	-311.9	101.0	102.2	95.4	96.3	0.0	10.3
2006	247	-163.9	-336.7	-289.8	100.9	101.9	96.8	95.5	0.0	6.7
2007	252	-165.9	-342.0	-258.9	100.5	102.1	96.6	97.0	0.0	6.3
2008	237	-161.1	-339.8	-231.9	100.8	101.6	96.7	94.3	0.0	9.0
2009	251	-149.1	-321.3	-197.3	101.0	101.0	97.2	94.7	0.0	8.8
2010	236	-143.3	-317.0	-197.9	101.5	101.3	95.0	93.0	0.0	10.5
2011	241	-151.9	-331.9	-222.5	101.5	101.0	96.2	95.6	0.0	10.4
2012	245	-146.6	-324.9	-235.8	101.7	101.2	0.0	0.0	0.0	11.3
2013	267	-151.1	-341.6	-256.8	101.4	101.6	0.0	0.0	0.0	14.1
2014	270	-165.6	-341.1	-305.1	100.0	101.6	94.0	91.0	0.0	10.8
2015	255	-166.7	-347.5	-325.5	100.4	101.6	94.0	95.0	0.0	13.0
2016	267	-168.5	-345.4	-329.3	100.4	101.8	0.0	0.0	0.0	15.5
2017	221	-156.3	-321.4	-301.0	100.0	101.8	0.0	0.0	0.0	20.0
2018	56	-164.2	-345.6	-286.3	99.4	101.9	0.0	0.0	0.0	29.7

Tabel: 170 Witrood: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	256	90.5	103.7	117.3	50.4	47.5	48.9
1981	501	89.5	103.4	119.1	87.0	79.7	80.8
1982	677	91.0	103.7	117.6	95.9	89.2	90.9
1983	525	90.9	104.8	118.0	100.9	93.5	96.3
1984	557	88.9	104.4	120.4	103.7	94.9	96.9
1985	929	87.9	105.8	122.0	102.2	92.8	96.4
1986	1314	87.9	105.5	121.8	102.6	93.0	95.6
1987	2245	87.8	105.6	122.1	104.3	94.7	98.5
1988	3355	87.5	105.7	122.4	103.0	94.9	99.2
1989	3909	88.2	105.2	121.4	103.3	95.0	98.7
1990	4449	88.2	105.2	121.4	104.0	95.0	98.9
1991	4892	88.2	105.2	121.8	105.0	94.9	97.8
1992	4608	87.3	105.3	122.6	104.8	95.2	98.9
1993	4055	88.1	104.9	121.5	103.6	95.3	99.2
1994	2319	87.3	104.8	122.4	104.7	94.7	97.5
1995	1470	88.7	104.6	120.7	104.5	94.6	97.5
1996	540	88.4	104.0	120.9	103.5	94.8	98.4
1997	209	86.7	104.3	122.9	100.4	93.0	96.5
1998	113	88.3	104.2	121.3	97.7	89.2	91.5

1999	110	88.3	104.2	121.3	103.2	93.8	96.6
2000	102	88.3	103.9	121.4	99.6	88.3	90.4
2001	93	88.9	103.9	120.8	103.4	92.7	94.6
2002	81	88.6	104.5	120.9	100.8	91.7	93.5
2003	79	89.1	103.7	120.4	102.2	92.4	94.1
2004	114	87.7	103.3	122.3	105.2	93.5	97.0
2005	120	87.9	104.3	121.7	105.9	95.3	97.4
2006	91	88.2	103.6	121.5	104.0	93.1	95.3
2007	169	87.5	104.3	122.0	103.0	92.8	93.7
2008	103	88.3	104.4	121.3	105.8	94.3	95.1
2009	146	87.6	105.3	122.1	97.8	88.0	88.8
2010	152	88.7	104.8	121.0	100.1	89.3	90.2
2011	167	88.5	105.2	121.0	101.4	90.1	90.9
2012	168	87.4	105.5	122.3	100.8	90.4	91.5
2013	171	88.5	104.7	121.1	102.3	91.2	92.1
2014	154	87.9	104.4	121.7	103.6	93.4	93.9
2015	155	88.2	104.0	121.2	102.7	92.7	93.8
2016	149	88.3	104.5	121.0	104.3	94.5	95.3
2017	146	88.5	104.3	120.7	102.2	93.5	94.4
2018	148	88.1	104.3	121.1	98.1	89.1	90.2
2019	142	88.8	105.0	120.4	82.9	75.6	76.9
2020	97	88.1	103.9	121.1	96.3	87.9	89.6

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1987	13	102.1	108.0	95.2	109.7	104.2	102.2	101.6	99.3	100.2	104.5	97.8
1989	13	101.3	105.5	94.5	111.0	101.1	103.6	101.2	100.6	98.2	105.1	98.5
1990	66	102.8	107.6	94.7	111.2	103.5	102.5	102.6	100.3	100.0	104.8	98.9
1991	200	102.6	108.1	94.8	111.0	103.9	102.4	102.2	100.1	100.1	105.0	98.4
1992	182	102.4	108.4	94.6	110.4	104.3	102.0	102.0	99.8	100.5	104.5	98.2
1993	183	101.9	107.6	95.0	110.3	103.3	102.6	101.5	99.9	100.0	104.6	98.3
1994	296	101.9	106.7	95.2	110.2	102.6	102.7	101.6	100.0	99.6	104.6	98.5
1995	365	101.6	106.1	95.6	109.2	102.6	102.4	101.5	99.8	99.6	104.3	98.1
1996	104	101.8	105.5	95.7	109.5	102.0	102.8	101.6	100.1	99.4	104.4	98.7
1997	66	102.2	105.2	97.2	109.5	101.9	102.8	102.3	100.5	99.0	104.7	99.3
1998	77	101.9	107.0	96.5	110.2	102.6	103.2	101.5	100.2	99.9	105.2	98.5
1999	95	101.7	106.6	96.4	110.2	102.4	103.0	101.6	99.9	99.4	105.3	98.2
2000	123	101.3	106.2	96.9	109.9	101.7	103.4	101.1	100.1	99.2	105.5	98.3
2001	127	101.1	105.7	97.4	109.6	101.3	103.5	101.0	100.1	98.7	105.6	98.0
2002	121	101.0	105.3	97.6	109.5	101.0	103.4	101.0	100.2	98.4	105.5	98.0
2003	124	100.4	105.4	97.4	109.8	100.4	103.9	100.4	100.2	98.2	105.7	97.7
2004	160	101.0	105.8	97.5	109.5	101.5	103.6	100.7	100.3	99.2	105.4	98.2
2005	218	100.9	105.2	97.6	108.9	101.5	103.5	100.7	100.2	99.0	105.3	97.9
2006	207	100.5	105.4	97.7	109.3	100.8	104.0	100.3	100.2	98.8	105.7	97.8
2007	236	100.1	104.3	98.0	109.1	99.9	104.0	100.2	100.2	97.6	105.6	97.4
2008	236	100.1	103.1	98.5	108.3	99.8	103.8	100.3	100.0	97.0	105.4	97.0
2009	256	99.7	103.6	98.6	108.5	99.7	103.9	99.9	100.0	97.1	105.4	96.8
2010	250	99.2	102.3	98.8	107.1	99.1	103.8	99.4	100.0	96.5	105.3	95.7
2011	229	99.2	102.2	98.9	107.5	98.8	103.9	99.5	100.1	96.1	105.4	95.9
2012	212	98.8	102.1	99.5	107.2	98.6	104.1	99.1	100.1	96.0	105.7	95.5
2013	193	98.6	102.7	99.2	107.9	98.3	104.4	98.9	100.0	95.9	105.8	95.7
2014	145	99.2	103.6	99.4	108.4	98.9	104.3	99.4	100.1	96.6	106.0	96.2
2015	72	99.4	104.2	99.6	108.6	99.4	104.6	99.4	100.2	96.9	106.3	96.5
2016	42	99.6	104.0	100.0	108.8	99.4	104.9	99.5	100.4	97.1	106.8	96.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	290	-2563.1	-9619.9	-425.1	-375.5
2002	225	-3114.7	-11971.3	-521.8	-452.2
2003	169	-3137.4	-11889.7	-529.9	-452.2
2004	209	-3149.6	-12034.7	-531.4	-454.0
2005	240	-3152.4	-12000.5	-535.2	-453.1
2006	245	-2978.7	-11253.7	-505.8	-428.4
2007	252	-2845.8	-10594.7	-487.2	-407.9
2008	237	-2697.3	-9960.6	-461.0	-387.1
2009	247	-2469.0	-9067.0	-424.2	-353.7
2010	236	-2443.3	-8908.0	-422.6	-349.0
2011	241	-2628.4	-9741.5	-452.4	-375.9
2012	245	-2677.9	-9961.0	-460.8	-382.7
2013	267	-2842.5	-10621.9	-489.5	-405.9
2014	270	-3067.9	-11504.1	-529.2	-437.5
2015	255	-3180.4	-11987.5	-546.1	-454.5
2016	271	-3188.5	-11977.6	-547.4	-455.5
2017	228	-2980.4	-11159.0	-512.8	-425.5
2018	66	-2934.8	-10936.4	-504.4	-419.3

Tabel: 173 Witrood: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	593	100.6	96.4	0	0.0	0.0	0	0.0
1981	651	99.4	94.7	0	0.0	0.0	0	0.0
1982	685	99.9	94.5	0	0.0	0.0	0	0.0
1983	500	99.2	94.7	0	0.0	0.0	0	0.0
1984	492	98.7	94.7	0	0.0	0.0	0	0.0
1985	777	98.9	95.1	777	-4.4	56.1	0	0.0
1986	1200	98.4	95.1	1200	-4.2	46.0	0	0.0
1987	2324	97.8	95.1	2324	-4.0	37.3	0	0.0
1988	3293	97.9	95.1	3293	-4.0	39.4	0	0.0
1989	3395	97.9	95.3	3396	-4.2	41.0	0	0.0
1990	3794	97.9	95.7	3794	-3.9	34.5	0	0.0
1991	4290	98.1	96.0	4290	-3.7	28.8	0	0.0
1992	4192	97.7	95.8	4192	-3.6	27.9	0	0.0
1993	4077	97.8	96.0	4078	-3.4	26.3	0	0.0
1994	3695	97.7	96.3	3696	-3.3	19.9	0	0.0
1995	2870	97.9	96.4	2871	-3.0	19.8	0	0.0
1996	1222	98.1	96.0	1223	-2.9	13.4	0	0.0
1997	570	98.1	96.3	570	-2.8	13.6	0	0.0
1998	403	98.1	95.9	403	-2.8	14.7	0	0.0
1999	359	98.1	95.8	359	-2.6	11.3	0	0.0
2000	306	98.3	96.3	306	-2.5	12.5	0	0.0
2001	295	98.5	96.1	295	-2.3	9.2	19	101.2
2002	226	98.2	96.4	226	-2.4	9.3	9	102.8
2003	169	98.4	96.4	169	-2.3	12.0	10	99.8
2004	209	98.4	96.2	209	-2.3	8.9	6	100.7
2005	241	98.9	96.5	241	-2.4	10.3	11	101.6
2006	247	98.9	96.7	247	-2.2	6.7	12	101.1
2007	252	99.6	96.5	252	-2.3	6.3	5	102.6
2008	237	100.1	97.0	237	-2.3	9.0	6	101.2
2009	251	99.9	96.8	251	-2.2	8.8	6	101.0
2010	236	99.6	96.8	236	-2.2	10.5	2	101.0

2011	241	99.5	96.9	241	-2.3	10.4	5	101.8
2012	245	100.0	97.3	245	-2.2	11.3	0	0.0
2013	267	99.7	96.6	267	-2.4	14.1	0	0.0
2014	270	99.1	96.0	270	-2.3	10.8	1	100.0
2015	255	98.7	95.7	255	-2.4	13.0	2	103.5
2016	267	98.9	95.6	267	-2.4	15.5	0	0.0
2017	221	98.8	95.9	221	-2.3	20.0	0	0.0
2018	56	97.8	94.9	56	-2.7	29.7	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1985	17	99.7	0	0.0	0	0.0	17	94.4
1986	11	99.7	0	0.0	0	0.0	11	94.5
1987	35	99.2	0	0.0	0	0.0	35	92.1
1988	41	99.1	0	0.0	0	0.0	41	92.0
1989	41	99.4	0	0.0	0	0.0	41	93.4
1990	107	99.4	0	0.0	0	0.0	107	93.5
1991	183	99.5	0	0.0	0	0.0	183	93.8
1992	173	99.5	0	0.0	0	0.0	173	93.7
1993	153	99.8	0	0.0	0	0.0	153	94.8
1994	214	99.7	0	0.0	0	0.0	214	94.5
1995	233	99.5	0	0.0	0	0.0	233	93.9
1996	73	99.7	0	0.0	0	0.0	73	94.5
1997	45	99.7	0	0.0	0	0.0	45	94.4
1998	46	99.6	0	0.0	0	0.0	46	94.0
1999	44	99.8	0	0.0	0	0.0	44	95.0
2000	53	99.6	0	0.0	0	0.0	53	94.6
2001	73	99.7	0	0.0	0	0.0	73	94.4
2002	60	99.7	0	0.0	0	0.0	60	94.5
2003	60	99.6	0	0.0	0	0.0	60	93.9
2004	82	99.6	0	0.0	0	0.0	82	93.6
2005	111	99.6	0	0.0	0	0.0	111	94.1
2006	129	99.6	0	0.0	0	0.0	129	94.2
2007	145	99.6	0	0.0	0	0.0	145	94.6
2008	161	99.7	0	0.0	0	0.0	161	94.8
2009	212	99.7	0	0.0	0	0.0	212	94.7
2010	230	99.7	0	0.0	0	0.0	230	94.7
2011	233	99.8	0	0.0	0	0.0	233	95.6
2012	238	99.7	0	0.0	0	0.0	238	95.1
2013	262	99.7	0	0.0	0	0.0	262	95.1
2014	256	99.8	0	0.0	0	0.0	256	95.4
2015	249	99.7	0	0.0	0	0.0	249	95.0
2016	259	99.8	0	0.0	0	0.0	259	95.3
2017	222	99.7	0	0.0	0	0.0	222	95.0
2018	64	99.7	0	0.0	0	0.0	64	94.5

Tabel: 175 Witblauw: Vruchtbaarheidskenmerken  
Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	157	96.3	104.8	99.0	102.8	97.7	94.9	119.2	101.0
1981	137	96.0	104.4	98.4	102.2	97.3	94.8	118.4	100.3
1982	111	95.2	104.4	97.8	102.0	96.6	93.8	117.2	99.9
1983	192	95.2	104.2	97.7	101.8	96.6	94.4	117.3	99.7

1984	225	94.9	104.3	97.5	101.7	96.4	93.8	117.0	99.6
1985	278	95.1	104.2	97.6	101.7	96.4	94.0	117.3	99.6
1986	397	95.3	104.3	97.9	101.9	96.7	94.3	117.1	99.9
1987	585	95.8	103.4	98.1	101.3	97.1	95.1	117.1	99.7
1988	815	95.5	103.4	98.0	101.2	96.9	95.0	117.0	99.6
1989	1282	95.4	103.9	98.3	101.7	97.0	94.6	117.1	100.0
1990	1843	95.3	103.6	97.9	101.5	96.8	94.8	116.4	99.7
1991	2392	95.3	103.2	97.7	101.1	96.8	94.8	115.2	99.4
1992	2820	95.1	103.1	97.8	101.0	96.7	94.6	114.2	99.3
1993	3167	94.9	103.1	97.6	100.9	96.6	94.4	113.7	99.2
1994	3615	95.0	102.8	97.5	100.7	96.6	94.5	111.8	99.0
1995	3911	95.0	102.7	97.4	100.5	96.6	94.5	110.9	98.9
1996	3869	95.2	102.5	97.5	100.4	96.8	94.7	109.7	98.8
1997	3831	95.2	102.3	97.5	100.3	96.8	94.7	109.0	98.8
1998	4033	95.3	102.3	97.6	100.3	96.9	94.7	107.6	98.8
1999	4514	95.3	102.1	97.5	100.1	97.0	94.9	106.7	98.7
2000	4655	95.4	102.0	97.6	100.1	97.1	95.1	105.4	98.7
2001	4188	95.4	101.9	97.5	99.9	97.1	95.2	103.8	98.6
2002	4346	95.7	101.8	97.7	99.9	97.4	95.5	103.1	98.7
2003	4539	96.0	101.7	97.9	99.9	97.7	95.9	102.2	98.8
2004	4938	96.0	101.6	97.8	99.8	97.7	96.0	101.5	98.7
2005	4826	96.3	101.5	98.0	99.9	98.0	96.3	100.4	98.8
2006	5001	96.5	101.2	97.9	99.6	98.1	96.5	99.4	98.6
2007	5070	96.8	101.0	98.0	99.5	98.3	96.9	98.4	98.6
2008	6509	97.4	101.0	98.5	99.7	98.7	97.7	100.2	99.0
2009	5931	97.4	100.8	98.4	99.6	98.7	98.0	100.6	98.9
2010	5738	97.6	100.7	98.4	99.5	98.9	98.4	99.4	98.8
2011	5853	98.2	100.4	98.8	99.5	99.5	99.2	98.8	99.1
2012	5578	98.7	100.1	99.0	99.5	99.8	99.6	98.8	99.2
2013	5422	98.8	100.0	99.0	99.3	99.9	100.0	98.8	99.1
2014	5760	99.2	99.8	99.3	99.4	100.3	100.4	99.0	99.3
2015	5619	99.3	99.7	99.3	99.3	100.3	100.5	98.8	99.2
2016	5446	99.5	99.5	99.3	99.2	100.4	100.7	98.7	99.2
2017	4640	99.6	99.3	99.2	99.1	100.5	100.6	98.1	99.0
2018	3959	99.6	99.3	99.2	99.0	100.4	100.5	98.0	99.0
2019	687	99.5	99.4	99.3	99.1	100.4	100.4	98.3	99.1

Tabel: 176 Witblauw: Levensvatbaarheidskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	20	93.0	0.0	93.0	0.0	85.2	0.0
1988	28	93.0	3.5	93.0	3.5	84.5	3.4
1989	35	92.8	0.0	92.8	0.0	85.1	0.0
1990	41	92.9	0.0	92.9	0.0	85.5	0.0
1991	33	93.3	0.0	93.3	0.0	85.2	0.0
1992	46	93.2	0.0	93.2	0.0	85.5	0.0
1993	34	93.5	0.0	93.5	0.0	85.6	0.0
1994	54	93.7	0.0	93.7	0.0	85.7	0.0
1995	43	93.6	2.3	93.6	2.3	85.9	2.2
1996	36	93.6	0.0	93.6	0.0	85.7	0.0
1997	34	93.9	0.0	93.9	0.0	86.6	0.0
1998	36	94.2	0.0	94.2	0.0	86.8	0.0
1999	44	93.9	0.0	93.9	0.0	86.4	0.0
2000	67	94.0	0.0	94.0	0.0	86.5	0.0
2001	42	94.2	0.0	94.2	0.0	86.5	0.0
2002	33	94.0	0.0	94.0	0.0	86.3	0.0
2003	31	93.8	3.2	93.8	3.2	86.0	3.1
2004	35	94.1	0.0	94.1	0.0	86.9	0.0
2005	29	94.6	0.0	94.6	0.0	87.0	0.0

2006	29	95.2	0.0	95.2	0.0	87.8	0.0
2007	22	95.5	4.5	95.5	4.5	88.2	4.4
2008	18	94.7	0.0	94.7	0.0	87.0	0.0
2009	21	95.6	4.7	95.6	4.7	88.8	4.6
2010	23	94.5	0.0	94.5	0.0	87.3	0.0
2011	29	94.3	0.0	94.3	0.0	86.8	0.0
2012	17	94.7	0.0	94.7	0.0	87.3	0.0

Tabel: 177 Witblauw: Geboortekenenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	23	104.0	100.3	94.3	4.2	4.5	4.4
1981	25	105.1	100.5	93.1	11.6	12.6	12.4
1982	27	107.4	99.7	90.5	14.7	15.3	15.4
1983	42	106.8	100.0	91.0	37.9	38.7	38.4
1984	50	107.9	99.6	90.0	41.9	42.7	42.5
1985	62	107.0	99.6	90.9	27.3	27.8	27.6
1986	90	108.6	99.8	89.2	35.7	36.3	36.2
1987	132	106.6	100.1	91.3	55.2	56.3	55.5
1988	175	106.6	100.0	91.3	71.6	73.5	73.0
1989	236	107.3	99.6	90.3	73.9	76.2	75.3
1990	333	107.5	99.5	90.1	66.2	68.0	67.0
1991	326	107.8	99.4	89.8	65.9	67.9	67.2
1992	440	107.4	99.4	90.3	66.5	68.5	67.6
1993	426	107.2	99.3	90.4	66.3	68.5	67.8
1994	534	106.8	99.1	90.9	75.1	77.9	77.3
1995	569	106.9	99.0	90.7	72.3	74.6	74.2
1996	622	106.7	98.8	91.1	74.9	77.3	76.7
1997	696	106.5	98.8	91.2	74.7	77.3	76.9
1998	828	106.7	98.4	91.0	81.3	83.8	83.1
1999	915	106.2	98.5	91.5	84.7	87.2	86.1
2000	1105	106.0	98.5	91.7	86.6	89.3	88.1
2001	1046	105.9	98.5	91.9	85.7	87.9	86.2
2002	1296	105.6	98.8	92.2	88.5	90.8	88.7
2003	1322	105.3	98.7	92.5	90.1	92.3	90.6
2004	1680	105.0	98.6	93.0	89.3	91.6	90.2
2005	1846	105.0	98.4	92.9	92.8	95.2	93.9
2006	2278	104.3	98.5	93.9	95.3	97.1	95.6
2007	2608	103.7	98.7	94.7	96.4	98.0	96.5
2008	2878	104.8	98.5	93.3	97.1	99.5	98.7
2009	3405	104.1	98.6	94.1	97.1	99.4	98.4
2010	3843	103.8	98.7	94.1	97.3	99.9	98.9
2011	4126	103.1	98.8	95.3	97.7	99.6	98.3
2012	4062	102.5	99.0	96.3	98.4	99.8	98.9
2013	3650	102.2	99.3	96.9	98.6	100.1	100.2
2014	3680	101.5	99.4	98.2	99.0	100.1	100.9
2015	3555	100.9	99.6	99.3	99.6	100.2	101.5
2016	3631	100.5	99.7	99.9	99.6	100.0	101.3
2017	3467	100.2	99.6	100.3	100.0	99.9	101.4
2018	3111	99.9	99.6	100.8	99.7	99.4	100.5
2019	2877	99.6	99.5	101.2	97.8	97.3	98.1
2020	2386	99.6	99.6	101.2	95.5	94.9	95.8

Tabel: 178 Witblauw: Vleeskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	10	98.9	90.2	96.1	96.6	98.3	100.2	101.2	98.2	92.5	98.1	99.2
1981	16	97.2	88.4	95.3	97.8	93.8	101.0	100.0	98.7	91.1	97.9	101.2
1982	14	98.6	91.2	96.7	98.0	97.2	100.9	100.5	99.6	91.9	98.6	99.3
1983	31	97.5	86.1	96.3	93.8	95.9	99.6	100.4	98.4	90.9	97.8	97.5
1984	39	96.8	81.8	96.1	92.9	93.8	99.3	100.5	97.9	88.9	97.1	98.6
1985	47	97.1	82.7	96.1	93.3	93.7	99.3	100.6	98.2	89.8	97.2	99.2
1986	72	97.4	82.0	95.9	92.6	94.2	98.9	100.8	98.1	90.1	96.8	99.0
1987	126	98.2	86.1	96.6	95.3	96.1	100.4	100.8	98.8	91.3	98.1	99.4
1988	185	98.4	86.2	96.6	95.4	96.1	100.0	101.1	98.7	91.6	98.1	99.7
1989	262	98.6	87.5	96.6	96.2	96.3	100.0	101.1	99.5	91.3	98.2	98.8
1990	351	98.4	88.5	96.4	96.4	96.7	100.5	100.4	100.2	91.4	98.7	98.0
1991	377	98.6	88.8	96.7	96.4	96.7	99.9	100.9	99.6	91.5	98.5	98.0
1992	559	98.8	90.6	97.0	96.9	97.7	100.0	100.9	99.5	92.6	98.6	98.0
1993	615	99.3	91.5	97.0	97.4	98.5	100.0	101.2	99.5	93.1	98.7	98.4
1994	848	99.4	92.4	97.2	98.2	98.1	100.2	101.0	100.2	93.3	99.0	98.7
1995	1055	99.2	92.2	97.3	97.9	98.3	100.3	100.8	100.0	93.4	99.0	98.6
1996	1164	99.5	93.4	97.5	98.8	98.7	100.5	101.0	100.3	93.8	99.3	98.9
1997	1289	99.7	94.0	97.5	98.7	99.1	100.4	101.0	100.4	94.4	99.2	99.0
1998	1696	99.5	94.7	97.7	99.0	99.1	100.6	100.6	100.5	94.5	99.3	98.7
1999	2168	99.7	95.4	97.8	99.2	99.6	100.5	100.7	100.5	94.8	99.3	98.5
2000	2656	100.1	96.4	98.1	99.4	100.5	100.5	100.9	100.6	95.5	99.5	98.5
2001	2783	100.3	96.9	98.2	99.5	100.9	100.6	100.9	100.8	95.7	99.6	98.4
2002	3372	100.1	97.6	98.5	99.5	101.0	100.6	100.7	100.8	96.1	99.6	98.2
2003	3751	100.3	98.1	98.7	99.7	101.4	100.8	100.7	100.9	96.4	99.7	98.3
2004	4150	100.4	98.6	98.9	99.9	101.7	100.8	100.6	101.0	96.7	99.7	98.7
2005	4276	100.4	99.1	99.2	99.9	101.9	100.7	100.6	100.8	97.0	99.7	98.7
2006	4450	100.5	99.6	99.3	100.3	102.0	100.8	100.6	100.9	97.2	99.8	98.6
2007	4506	100.3	100.2	99.4	100.5	101.7	100.8	100.5	100.9	97.4	99.8	98.7
2008	5543	99.0	98.3	99.3	99.5	99.5	100.0	99.8	100.3	96.4	99.4	98.3
2009	5162	99.0	99.5	99.5	100.5	99.3	100.6	99.6	100.6	96.8	99.5	98.9
2010	4952	99.5	100.8	99.7	101.2	100.0	100.8	99.9	100.6	97.4	99.6	99.5
2011	4675	99.2	101.2	99.8	101.3	99.3	100.7	99.6	100.8	97.4	99.5	99.4
2012	4507	99.0	101.4	100.0	101.4	99.1	100.8	99.3	100.8	97.5	99.5	99.3
2013	4184	98.7	101.6	100.1	101.6	98.7	100.8	99.0	100.8	97.5	99.5	99.4
2014	4184	98.5	101.5	100.2	101.7	98.2	100.8	98.8	100.6	97.5	99.4	99.6
2015	3599	98.2	101.6	100.5	101.4	98.3	100.9	98.5	100.6	97.6	99.5	99.2
2016	2232	98.2	101.6	100.8	101.0	98.6	100.9	98.4	100.6	97.8	99.6	98.8
2017	513	97.9	100.7	101.2	99.6	98.6	100.7	98.1	100.5	97.6	99.5	98.0
2018	24	97.2	98.9	102.2	97.1	98.9	100.5	97.4	100.4	97.2	99.8	96.2

Tabel: 179 Witblauw: Stofwisselingsaandoeningen  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1995	13	100.0	0	0.0	0	0.0	13	98.2
1997	11	100.0	0	0.0	0	0.0	11	98.8
1999	17	100.0	0	0.0	0	0.0	17	98.6
2000	16	100.0	0	0.0	0	0.0	16	99.1
2001	12	100.0	0	0.0	0	0.0	12	98.6

Tabel: 180 Fleck Vieh: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1987	20	-269.4	-20.9	-21.1	-19.1	-13.8	-17.8	-10.8	-136.2
1989	12	-419.5	-19.5	-26.8	-25.8	0.8	-18.2	-10.8	-158.8
1990	24	-316.8	-20.3	-21.9	-21.2	-9.2	-16.1	-11.0	-139.0
1991	22	-389.2	-22.0	-26.5	-24.5	-6.6	-19.6	-11.0	-162.1
1992	34	-243.7	-20.0	-23.0	-17.8	-13.5	-22.0	-10.6	-141.7
1993	33	-349.7	-23.3	-26.0	-22.6	-11.6	-21.0	-10.7	-162.4
1994	36	-207.3	-15.4	-20.4	-16.1	-9.7	-20.3	-10.5	-120.7
1995	55	-318.1	-11.5	-21.8	-21.2	4.5	-16.2	-10.8	-120.2
1996	42	-300.2	-16.7	-22.2	-20.3	-4.7	-18.0	-10.5	-132.4
1997	55	-158.5	-14.6	-19.8	-14.0	-11.3	-22.1	-10.6	-116.1
1998	61	-247.0	-15.3	-20.9	-17.9	-6.3	-18.8	-10.7	-123.1
1999	92	-92.1	-12.7	-16.0	-10.8	-12.8	-19.6	-10.5	-95.5
2000	58	-140.1	-14.3	-17.4	-13.1	-12.1	-19.0	-10.6	-105.2
2001	109	-127.1	-15.2	-16.0	-12.5	-14.8	-17.8	-10.5	-101.4
2002	114	-150.9	-18.0	-17.1	-13.6	-17.7	-18.0	-10.6	-112.0
2003	80	-40.0	-13.8	-14.4	-8.4	-18.3	-19.9	-10.3	-90.7
2004	85	37.8	-10.0	-10.5	-5.0	-17.8	-18.2	-10.4	-65.8
2005	112	57.2	-9.2	-10.0	-4.4	-17.6	-18.4	-10.8	-61.7
2006	147	90.5	-9.6	-9.5	-3.9	-20.6	-19.4	-12.4	-60.4
2007	57	346.7	4.3	0.5	9.2	-16.2	-17.8	-10.1	13.9
2008	96	289.1	-0.7	-2.2	4.3	-19.5	-18.8	-13.6	-9.3
2009	105	303.1	2.0	-0.9	6.2	-16.6	-17.5	-11.5	2.5
2010	64	167.6	-3.8	-6.6	0.5	-16.6	-19.0	-10.9	-34.8
2011	46	380.5	3.6	1.3	8.9	-19.0	-18.1	-12.7	15.6
2012	57	495.4	9.2	6.7	13.7	-18.1	-16.2	-13.4	51.1
2013	65	742.7	20.0	13.1	24.9	-17.6	-19.3	-13.1	103.4
2014	61	653.9	16.1	10.3	20.9	-17.8	-19.1	-13.0	82.5
2015	49	766.1	16.4	13.3	25.9	-23.5	-20.1	-12.9	96.9
2016	86	813.8	17.4	12.8	27.4	-24.7	-23.1	-13.7	97.1
2017	89	950.8	23.7	19.1	29.2	-24.4	-21.0	-19.6	137.0
2018	22	933.0	31.0	19.9	28.5	-13.4	-19.2	-19.6	155.5

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

Tabel: 181 Fleck Vieh: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1990	18	103.6	104.0	101.3	95.2	106.9	100.8	93.4
1991	11	103.1	104.3	100.1	94.4	107.5	100.9	92.4
1992	17	104.1	103.4	100.9	95.8	106.1	101.0	93.5
1993	22	104.1	103.5	101.0	95.7	106.3	100.9	93.5
1994	27	103.6	104.9	101.5	95.1	107.3	101.2	93.4
1995	33	103.2	105.0	101.1	95.4	107.5	99.6	92.7
1996	20	103.5	104.8	100.4	94.6	108.0	100.8	92.4
1997	33	103.5	104.2	100.8	95.2	107.2	100.2	93.0
1998	29	103.2	103.8	100.7	95.2	106.9	100.5	93.0
1999	46	103.5	103.6	101.0	95.8	106.5	100.7	92.9
2000	23	103.4	104.2	101.0	95.0	107.5	100.7	93.7
2001	41	103.1	105.2	101.7	95.4	107.3	99.6	93.4
2002	24	103.2	104.8	101.3	94.9	108.0	100.2	92.4
2003	28	103.5	105.0	101.4	94.9	108.0	101.2	93.2
2004	23	103.6	105.2	101.3	95.3	107.4	99.5	93.3
2005	27	103.7	104.4	100.8	94.4	107.0	101.4	92.6
2006	35	104.2	105.1	101.5	95.3	107.1	101.0	93.8



2007	17	104.8	104.7	102.2	96.0	106.8	100.8	94.6
2008	27	103.6	104.7	101.9	96.1	107.0	100.9	92.9
2009	38	104.7	104.3	102.2	96.1	105.7	100.3	94.7
2011	11	103.5	104.4	100.6	94.1	107.6	100.6	93.9
2013	47	104.5	103.9	102.3	96.3	105.5	100.0	95.1
2014	17	104.8	105.5	103.1	96.5	106.6	100.8	94.7
2016	25	103.8	104.8	102.5	96.6	106.5	101.6	95.0
2017	25	104.5	104.7	102.5	96.8	106.3	101.6	92.8

Tabel: 182 Fleck Vieh: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1990	18	100.3	96.3	110.5	102.0	100.6
1991	11	98.8	95.6	111.2	101.5	99.3
1992	17	99.8	96.1	110.5	101.8	100.2
1993	22	101.4	95.4	111.5	102.7	101.7
1994	27	101.7	95.4	111.8	103.6	102.2
1995	33	100.1	95.1	112.2	103.1	100.6
1996	20	100.5	95.1	112.2	103.5	100.9
1997	33	100.2	95.3	111.8	102.8	100.5
1998	29	101.0	95.0	112.1	102.8	101.5
1999	46	100.7	95.3	111.4	102.5	100.9
2000	23	101.1	95.2	111.9	103.0	101.6
2001	41	101.3	95.7	111.9	103.8	101.9
2002	24	101.2	94.8	112.5	103.5	101.7
2003	28	100.6	95.5	111.9	103.4	101.2
2004	23	100.2	95.1	111.7	102.2	100.9
2005	27	100.4	95.6	111.2	102.4	101.0
2006	35	100.0	95.9	111.0	103.0	100.9
2007	17	101.8	95.8	111.9	103.2	102.5
2008	27	101.9	95.4	112.5	104.1	102.4
2009	38	100.4	97.4	108.9	102.2	101.2
2011	11	100.3	96.4	111.1	102.8	101.4
2013	47	100.5	97.5	108.9	102.0	101.2
2014	17	101.5	96.2	110.6	103.9	102.6
2016	25	100.4	97.2	109.9	103.8	101.8
2017	25	100.3	96.6	110.5	103.4	101.0

Tabel: 183 Fleck Vieh: Exterieurkenmerken uier  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1990	18	98.1	99.4	102.2	99.3	92.2	99.0	97.1
1991	11	98.5	99.2	102.3	99.1	91.3	99.5	96.8
1992	17	97.4	98.8	101.5	98.8	92.1	98.6	96.6
1993	22	98.0	98.3	101.0	99.0	92.8	99.0	96.6
1994	27	97.6	98.7	102.6	98.3	92.4	99.7	97.1
1995	33	98.5	99.5	100.6	99.3	92.4	99.0	96.7
1996	20	99.4	100.5	100.5	100.0	92.2	99.0	97.0
1997	33	98.9	100.0	100.6	99.6	92.5	99.2	97.1
1998	29	98.1	100.2	102.2	98.8	92.9	99.8	97.4
1999	46	97.9	100.0	101.0	98.5	92.5	99.2	97.2
2000	23	98.0	99.1	103.0	98.8	92.6	100.3	97.8
2001	41	98.2	99.4	102.2	98.7	92.4	99.9	97.4
2002	24	99.1	100.1	102.5	99.4	92.3	99.2	97.3

2003	28	98.4	99.3	102.0	98.7	91.9	98.5	96.7
2004	23	98.7	100.5	101.9	99.2	93.1	100.3	98.2
2005	27	97.8	99.4	102.1	98.5	91.7	98.8	97.0
2006	35	97.8	99.0	100.8	98.7	92.1	98.9	96.8
2007	17	98.4	99.8	101.8	98.9	92.8	100.2	98.2
2008	27	98.2	98.5	101.8	98.4	92.9	99.0	96.4
2009	38	98.8	100.8	101.2	99.7	93.3	99.9	98.4
2011	11	98.0	98.2	102.5	98.5	92.1	98.7	96.7
2013	47	99.5	101.3	100.8	100.1	94.3	100.3	98.9
2014	17	98.9	99.5	101.4	99.7	93.3	98.9	97.3
2016	25	100.6	103.0	100.2	100.8	94.0	100.2	99.6
2017	25	99.8	101.2	101.1	99.8	93.6	99.8	98.3

Tabel: 184 Fleck Vieh: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1990	18	98.3	100.3	96.6	101.0	108.0	98.2
1991	11	97.8	99.7	96.5	99.7	107.7	97.5
1992	17	98.4	100.4	96.1	100.6	107.1	97.8
1993	22	98.4	100.3	96.7	101.9	106.9	98.8
1994	27	98.9	100.3	96.2	102.6	108.4	99.1
1995	33	97.7	100.6	97.0	100.8	108.0	98.2
1996	20	97.9	100.5	97.3	101.2	108.8	98.7
1997	33	97.9	100.3	97.2	100.7	107.8	98.4
1998	29	98.0	100.4	96.9	101.7	107.7	98.7
1999	46	98.0	100.4	96.3	101.2	107.3	98.1
2000	23	98.7	100.7	96.7	101.8	108.4	98.8
2001	41	98.2	100.2	96.6	102.3	108.4	98.9
2002	24	97.5	100.1	97.0	101.8	108.6	98.5
2003	28	98.9	100.5	96.2	101.6	108.9	98.5
2004	23	97.8	100.2	97.2	100.9	108.2	98.3
2005	27	98.3	99.7	96.0	101.2	108.2	98.1
2006	35	99.0	100.3	96.2	101.2	108.3	98.3
2007	17	99.5	100.6	96.8	102.9	108.6	99.7
2008	27	98.6	100.5	96.6	102.7	108.1	99.3
2009	38	99.2	100.1	97.5	101.5	108.2	99.2
2011	11	98.5	99.9	96.1	101.7	108.8	98.4
2013	47	99.2	100.3	98.2	101.7	108.2	99.7
2014	17	99.9	100.7	97.3	102.9	109.0	100.1
2016	25	100.0	100.8	98.7	102.2	108.8	100.7
2017	25	99.0	100.4	97.8	101.5	107.7	99.4

Tabel: 185 Fleck Vieh: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1987	17	98.4	105.2	101.3	102.9	101.2	95.9	99.8	102.3
1989	10	97.9	105.7	101.2	103.3	101.2	96.1	100.0	102.5
1990	23	98.5	105.8	101.7	103.6	101.8	96.0	99.7	102.9
1991	17	98.2	105.2	101.1	102.8	101.1	96.2	98.9	102.1
1992	30	97.9	105.5	101.1	103.1	101.1	96.2	100.3	102.4
1993	30	97.8	105.2	100.9	102.6	100.8	96.3	99.8	102.0
1994	35	98.5	105.6	101.7	103.3	101.6	96.1	100.2	102.7
1995	53	99.3	105.5	102.2	103.7	102.5	96.4	99.0	103.1
1996	40	99.3	105.2	102.1	103.5	102.4	96.6	99.1	103.0

1997	52	98.9	105.7	102.2	103.7	102.2	96.3	99.6	103.1
1998	64	98.5	105.1	101.4	102.9	101.5	96.1	99.2	102.4
1999	91	98.1	105.1	101.1	102.8	101.1	96.0	99.4	102.2
2000	54	97.5	105.0	100.6	102.2	100.4	95.4	99.2	101.6
2001	98	97.1	105.3	100.5	102.4	100.0	95.4	99.5	101.5
2002	100	97.8	105.0	100.7	102.3	100.2	95.5	98.3	101.6
2003	77	97.5	104.9	100.4	102.1	99.9	95.1	98.4	101.4
2004	95	96.6	104.7	99.6	101.5	99.0	95.0	99.2	100.6
2005	111	96.9	105.0	100.0	102.0	99.5	95.2	98.8	101.1
2006	155	97.5	105.1	100.5	102.4	100.2	95.4	98.4	101.6
2007	62	97.6	104.6	100.4	102.3	100.3	95.5	99.4	101.5
2008	119	97.9	104.9	100.8	102.5	100.7	96.0	99.7	101.8
2009	116	98.1	105.0	101.1	102.8	100.8	96.1	100.5	102.1
2010	104	97.4	104.9	100.5	102.4	100.2	96.0	101.0	101.6
2011	62	98.5	104.9	101.5	103.0	101.3	96.5	101.0	102.4
2012	110	98.1	104.9	101.0	102.8	101.1	96.2	100.5	102.1
2013	80	97.9	104.0	100.7	102.0	100.5	96.3	101.3	101.5
2014	86	99.3	104.4	102.0	103.1	102.1	96.8	101.9	102.7
2015	64	98.5	104.6	101.5	103.1	101.6	96.2	103.0	102.5
2016	108	98.6	103.7	100.9	101.9	100.9	96.1	101.8	101.5
2017	117	98.7	103.8	101.1	102.3	101.4	96.4	102.0	101.9
2018	27	99.0	103.9	101.6	102.5	101.9	96.9	103.0	102.3

Tabel: 186 Fleck Vies: Gebruikskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	10	96.9	49.1	99.4	104.5	105.0
1992	12	97.8	74.6	99.1	103.9	103.9
1993	16	98.1	31.4	99.3	104.6	104.0
1994	22	97.0	72.5	99.4	104.3	104.0
1995	36	96.8	85.4	100.0	104.5	103.7
1996	22	97.1	76.3	98.9	104.7	104.0
1997	29	97.1	88.0	99.3	104.7	103.9
1998	24	96.8	75.5	99.0	104.5	103.8
1999	41	97.6	80.4	99.0	104.5	103.7
2000	18	95.8	70.9	99.3	104.4	103.8
2001	36	96.3	89.8	98.3	103.6	103.5
2002	20	95.8	94.2	98.0	104.7	104.2
2003	25	96.2	87.1	98.1	104.2	104.3
2004	19	96.9	83.3	98.7	103.6	103.8
2005	25	97.1	86.8	98.3	103.5	103.8
2006	33	97.0	89.3	98.9	104.5	103.9
2007	16	96.4	81.4	99.0	103.9	103.2
2008	24	97.1	83.6	99.0	104.0	103.8
2009	34	97.0	79.0	99.0	104.3	104.1
2011	11	97.2	99.9	98.9	104.1	103.8
2013	47	97.7	92.8	99.5	103.8	103.3
2014	17	97.6	99.0	99.8	104.6	103.7
2016	25	98.4	72.7	100.6	105.2	103.7
2017	25	97.3	99.8	100.9	105.2	103.6

Tabel: 187 Fleck Vieh: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1987	20	-7.5	-136.2	241.3	104.9	102.3	95.5	99.5	100.8	14.7
1989	12	-6.9	-158.8	382.0	104.9	102.5	97.0	99.8	101.7	22.7
1990	24	14.5	-139.0	262.0	105.3	102.9	96.6	101.0	101.6	-7.9
1991	22	-5.6	-162.1	293.5	105.5	102.1	96.5	99.7	103.0	14.3
1992	34	6.5	-141.7	297.5	104.4	102.4	96.1	100.6	101.8	8.3
1993	33	2.6	-162.4	281.6	104.7	102.0	96.7	101.9	102.1	4.6
1994	36	32.8	-120.7	311.6	104.7	102.7	96.2	102.6	102.6	-19.1
1995	55	25.7	-120.2	300.9	104.5	103.1	97.0	100.8	103.1	-6.7
1996	42	27.4	-132.4	301.8	104.8	103.0	97.3	101.2	102.7	3.8
1997	55	33.5	-116.1	296.7	104.7	103.1	97.2	100.7	103.1	-6.9
1998	61	28.2	-123.1	342.4	104.5	102.4	96.9	101.7	102.2	4.4
1999	92	41.2	-95.5	309.6	104.5	102.2	96.3	101.2	102.1	-10.6
2000	58	31.7	-105.2	303.7	104.6	101.6	96.7	101.8	102.5	-9.7
2001	109	30.9	-101.4	293.1	104.0	101.5	96.6	102.3	103.6	-10.5
2002	114	32.1	-112.0	287.0	104.9	101.6	97.0	101.8	103.0	-4.9
2003	80	40.0	-90.7	251.0	104.8	101.4	96.2	101.6	102.5	-23.3
2004	85	45.6	-65.8	236.9	104.2	100.6	97.2	100.9	102.4	-26.9
2005	112	33.1	-61.7	142.3	104.0	101.1	96.0	101.2	102.8	-23.4
2006	147	43.2	-60.4	142.0	104.7	101.6	96.2	101.2	102.6	-29.3
2007	57	82.8	13.9	225.1	103.9	101.5	96.8	102.9	103.0	-52.2
2008	96	81.5	-9.3	205.1	104.4	101.8	96.6	102.7	103.1	-49.1
2009	105	80.0	2.5	188.5	104.7	102.1	97.5	101.5	103.3	-52.8
2010	64	64.6	-34.8	116.4	104.7	101.6	97.5	100.5	102.6	-42.6
2011	46	86.3	15.6	201.5	104.5	102.4	96.1	101.7	103.0	-55.4
2012	57	110.2	51.1	218.2	104.4	102.1	98.3	104.7	103.1	-62.4
2013	65	111.1	103.4	188.2	103.9	101.5	98.2	101.7	103.5	-62.0
2014	61	121.2	82.5	238.7	104.6	102.7	97.3	102.9	103.5	-62.1
2015	49	126.9	96.9	192.1	104.6	102.5	96.4	102.4	103.8	-76.6
2016	86	117.5	97.1	218.6	104.8	101.5	98.7	102.2	103.7	-63.1
2017	89	132.9	137.0	229.7	104.8	101.9	97.8	101.5	104.5	-76.6
2018	22	138.6	155.5	233.2	105.0	102.3	99.4	102.0	104.2	-77.0

Tabel: 188 Fleck Vieh: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	10	95.9	93.0	97.8	99.2	99.4	103.1	96.2
2001	10	95.2	89.7	98.7	100.2	96.3	104.7	95.8
2004	10	96.3	92.6	98.3	100.3	97.7	104.1	96.1
2006	14	95.8	90.3	99.2	100.9	96.1	104.4	95.3
2007	10	97.0	91.3	99.5	101.0	98.7	105.3	95.9
2008	13	95.8	91.8	98.1	100.0	98.3	104.0	94.7
2017	13	94.2	90.8	96.2	99.7	95.8	103.8	96.3

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1990	10	102.0	100.3	102.0	100.3	95.7	102.7
1992	14	101.1	100.7	101.1	100.7	95.5	103.1

1993	20	101.6	101.0	101.6	101.0	95.5	103.3
1994	27	102.3	101.3	102.3	101.3	95.8	103.5
1995	46	102.3	101.6	102.3	101.6	95.2	103.5
1996	29	102.1	101.3	102.1	101.3	95.2	103.5
1997	37	102.2	101.6	102.2	101.6	95.6	103.9
1998	40	101.7	101.2	101.7	101.2	94.9	103.0
1999	56	101.8	100.9	101.8	100.9	94.7	102.9
2000	27	102.5	101.0	102.5	101.0	95.5	103.6
2001	55	103.6	101.3	103.6	101.3	96.2	103.8
2002	42	102.8	101.3	102.8	101.3	95.9	103.7
2003	52	102.0	100.8	102.0	100.8	95.4	103.9
2004	40	102.4	100.8	102.4	100.8	95.5	103.5
2005	45	102.5	101.2	102.5	101.2	95.1	104.3
2006	45	102.9	101.3	102.9	101.3	95.8	104.1
2007	42	102.5	101.5	102.5	101.5	95.6	104.1
2008	36	102.4	101.3	102.4	101.3	95.5	103.6
2009	24	102.7	97.3	102.7	97.3	95.9	99.7
2010	36	102.1	97.9	102.1	97.9	95.8	100.3
2011	14	102.4	101.9	102.4	101.9	95.6	103.9
2012	43	102.7	99.0	102.7	99.0	96.1	101.3
2013	11	103.6	102.2	103.6	102.2	97.1	103.9
2014	10	102.2	101.9	102.2	101.9	94.5	103.5
2015	15	101.9	100.8	101.9	100.8	95.2	103.2
2016	32	102.8	101.5	102.8	101.5	96.5	104.0
2017	15	103.1	101.7	103.1	101.7	96.9	103.9

Tabel: 190 Fleck Vieh: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	20	89.7	113.4	117.2	69.7	54.0	55.0
1991	11	90.4	113.5	116.6	31.7	24.5	24.7
1992	25	89.8	114.2	117.1	69.2	54.4	55.6
1993	23	90.9	113.5	115.8	94.9	75.4	76.3
1994	30	89.5	114.1	117.9	104.2	81.8	82.5
1995	48	90.2	113.6	116.8	105.5	82.6	84.0
1996	32	90.4	113.8	116.4	107.7	85.3	86.0
1997	47	90.4	113.6	116.7	96.2	74.3	75.9
1998	49	90.4	113.6	116.8	86.8	68.5	69.0
1999	75	90.2	113.5	117.0	92.3	71.4	72.5
2000	40	89.9	114.2	117.5	81.0	63.9	64.5
2001	66	90.8	112.9	116.4	90.8	70.8	72.1
2002	78	90.1	113.4	116.9	83.4	64.7	65.7
2003	66	89.6	113.9	117.4	100.6	77.8	78.7
2004	65	90.4	113.6	116.6	99.5	77.2	78.6
2005	80	89.9	113.4	117.4	87.3	66.0	67.8
2006	99	90.4	112.8	116.6	99.6	76.1	77.7
2007	52	90.3	113.8	116.9	98.9	74.9	76.3
2008	79	89.7	113.7	117.6	97.5	74.3	75.8
2009	87	89.1	113.1	118.1	103.2	79.0	79.6
2010	71	89.2	113.9	118.2	98.3	74.8	76.7
2011	36	89.5	113.3	117.7	113.6	87.0	87.7
2012	93	89.2	113.4	118.3	105.4	80.8	81.4
2013	90	89.9	113.5	117.5	107.5	82.3	83.6
2014	55	89.7	113.9	117.5	103.3	79.4	81.0
2015	27	91.0	111.5	116.1	117.2	89.4	90.5
2016	44	92.5	111.0	113.6	113.7	87.7	88.4
2017	41	91.2	111.3	115.7	112.7	88.3	88.7
2018	32	91.7	110.9	114.9	115.8	90.8	90.9
2019	28	92.5	111.0	114.0	111.7	86.8	87.2

2020 15 91.5 111.8 114.9 116.1 89.4 89.6

Tabel: 191 Fleck Vieh: Vleeskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1990	19	106.1	113.7	99.9	109.1	108.1	101.6	104.7	98.2	110.6	100.3	112.7
1991	12	106.7	114.8	99.7	110.1	108.7	101.8	104.9	98.6	111.2	100.8	113.0
1992	25	106.2	114.1	100.0	109.3	107.8	102.4	104.1	99.1	110.6	100.6	112.8
1993	26	105.1	113.9	101.2	108.5	107.2	103.1	102.9	99.0	111.2	100.7	112.2
1994	30	106.2	113.9	101.2	108.7	107.9	102.4	104.4	98.8	111.0	100.8	113.3
1995	46	105.6	113.5	101.8	108.6	107.4	102.9	103.9	98.4	110.9	101.2	112.4
1996	29	105.9	114.0	100.8	108.5	108.1	102.2	103.7	99.1	111.7	100.4	112.4
1997	43	105.9	114.1	100.7	108.7	108.0	102.1	104.1	98.1	111.6	100.5	112.7
1998	44	105.5	114.2	100.6	108.8	107.8	102.5	103.8	97.9	111.3	100.6	112.4
1999	69	106.3	113.9	101.4	108.4	108.5	102.4	104.4	98.3	111.3	101.0	112.3
2000	40	105.2	114.2	101.0	108.0	107.8	102.6	102.9	98.7	111.7	100.3	112.2
2001	55	105.1	113.6	101.4	107.6	107.9	102.1	103.1	98.0	111.6	100.3	111.5
2002	48	105.7	115.3	101.7	109.1	109.0	102.5	103.5	98.4	112.9	100.6	112.4
2003	44	106.1	115.5	101.2	109.4	109.1	102.4	104.0	98.5	112.8	100.4	112.7
2004	45	105.8	115.5	101.3	109.5	108.6	102.8	103.4	98.9	112.3	100.7	112.5
2005	51	105.4	114.5	102.4	108.4	108.9	103.0	103.1	98.3	112.2	101.1	111.9
2006	71	105.6	114.1	101.9	108.2	108.7	102.6	103.7	97.8	112.1	100.6	112.2
2007	26	105.9	113.5	101.4	108.2	108.2	102.4	103.5	99.3	111.5	100.6	112.5
2008	52	105.3	114.4	100.9	108.8	108.2	102.4	103.3	98.1	111.7	100.9	111.5
2009	58	105.7	114.4	100.9	109.5	107.9	102.9	103.9	98.4	111.2	101.3	112.6
2010	31	105.6	113.6	101.8	108.3	108.4	102.6	103.8	97.7	111.1	101.3	111.7
2011	22	105.3	113.8	101.4	108.6	107.6	103.3	103.4	98.3	111.3	101.2	112.3
2012	42	105.4	113.4	101.7	109.1	107.0	103.1	103.9	98.1	110.4	101.7	112.1
2013	55	106.0	111.4	101.1	107.9	106.6	102.4	104.4	99.1	109.3	100.9	112.3
2014	28	104.7	111.7	101.9	108.4	105.8	103.0	103.6	97.9	109.0	101.3	111.6
2015	20	105.2	111.2	101.3	108.8	105.5	102.6	104.4	97.8	108.5	101.7	112.0
2016	28	104.4	110.8	100.9	107.9	105.1	102.6	103.7	97.7	108.2	101.4	111.0
2017	26	104.9	109.6	101.6	107.5	105.0	102.5	104.1	98.3	107.7	101.4	111.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	11	95.6	97.5	92.6
1992	13	95.4	96.9	92.5
1993	17	95.8	97.1	92.9
1994	27	94.9	96.8	92.9
1995	45	95.4	97.5	91.7
1996	29	96.0	97.9	92.5
1997	37	95.2	97.3	92.0
1998	36	96.0	98.1	92.9
1999	55	95.6	97.4	93.0
2000	28	94.3	96.0	93.9
2001	55	94.4	96.3	92.8
2002	42	95.3	97.1	93.3
2003	52	96.0	97.7	93.6
2004	39	95.6	97.2	93.5
2005	45	95.8	97.2	93.3
2006	45	95.4	97.3	93.0
2007	41	95.8	97.6	93.4

2008	36	95.5	97.4	92.3
2009	23	95.7	97.3	93.2
2010	34	96.2	97.4	93.4
2011	13	96.7	99.1	92.7
2012	41	96.0	97.7	92.4
2013	10	95.6	97.4	91.7
2015	15	93.7	95.1	93.3
2016	32	95.9	97.5	92.4
2017	10	96.5	97.9	93.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	68	1402.6	6765.7	257.4	187.8
2002	74	1257.7	6207.4	229.2	168.7
2003	62	1118.4	5663.8	209.4	146.7
2004	66	1108.5	5470.8	204.5	147.4
2005	97	523.2	3001.5	105.7	63.5
2006	128	534.4	3211.3	103.1	66.8
2007	49	1422.7	6708.8	263.1	189.9
2008	87	1202.8	5967.5	218.4	161.7
2009	93	1094.5	5433.3	203.3	144.8
2010	58	432.0	2682.9	90.6	50.0
2011	48	1177.9	5815.3	216.5	157.1
2012	53	1469.2	6868.6	262.7	201.0
2013	59	1528.6	7250.9	281.3	204.8
2014	65	1734.0	8111.9	317.5	233.5
2015	45	1550.5	7623.7	273.0	213.2
2016	81	1699.2	8415.6	302.9	231.6
2017	80	1963.1	9385.9	349.1	269.5
2018	21	2056.3	9402.6	378.4	277.0

Tabel: 194 Fleck Vieh: Robot / AMS kenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Eff	Int	Gewen
1990	13	96.5	103.9	96.6
1992	17	97.9	104.6	96.7
1993	17	98.2	104.5	96.6
1994	27	97.4	104.3	96.7
1995	41	97.3	105.5	96.5
1996	26	96.6	104.0	96.5
1997	34	97.2	105.7	96.9
1998	35	96.9	105.5	97.1
1999	58	97.5	105.1	97.1
2000	27	97.0	105.6	96.6
2001	53	97.6	105.7	96.4
2002	40	96.2	105.5	97.3
2003	45	96.0	106.1	97.3
2004	36	97.3	105.4	96.5
2005	48	97.0	104.3	97.7
2006	44	97.3	106.2	96.8
2007	28	97.7	106.0	96.8
2008	34	97.3	104.9	96.9
2009	50	96.5	104.1	97.2

2010	21	96.3	105.2	97.3
2011	13	96.7	106.2	97.7
2012	17	96.5	104.8	96.8
2013	43	98.2	104.4	96.2
2014	21	98.1	107.5	98.0
2015	30	98.0	107.7	96.6
2016	52	98.3	107.9	97.2
2017	33	100.2	110.0	97.1
2018	16	100.6	110.9	96.2

Tabel: 195 Fleck Vieh: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1987	20	100.7	98.8	20	-1.1	14.7	0	0.0
1989	12	100.6	99.1	12	-1.3	22.7	0	0.0
1990	24	100.0	99.2	24	-0.7	-7.9	0	0.0
1991	22	100.0	99.5	22	-1.2	14.3	0	0.0
1992	34	100.0	99.0	34	-1.0	8.3	0	0.0
1993	33	100.2	99.1	33	-1.0	4.6	0	0.0
1994	36	100.1	98.9	37	-0.3	-19.1	0	0.0
1995	55	100.0	98.2	56	-0.5	-6.7	0	0.0
1996	42	99.5	98.7	42	-0.8	3.8	0	0.0
1997	55	100.4	99.0	55	-0.5	-6.9	0	0.0
1998	61	99.8	98.5	61	-0.8	4.4	0	0.0
1999	92	99.8	98.8	92	-0.4	-10.6	0	0.0
2000	58	99.9	99.6	58	-0.4	-9.7	0	0.0
2001	109	99.2	99.5	109	-0.4	-10.5	35	107.2
2002	114	99.2	99.1	114	-0.6	-4.9	21	106.9
2003	80	98.8	99.2	80	-0.1	-23.3	26	107.7
2004	85	98.9	99.8	85	0.1	-26.9	21	107.2
2005	112	98.6	99.5	112	0.1	-23.4	26	106.4
2006	147	99.7	99.2	147	0.2	-29.3	33	107.2
2007	57	100.0	99.2	57	1.0	-52.2	16	107.4
2008	96	99.8	99.6	97	0.8	-49.1	23	106.6
2009	105	100.1	99.2	105	1.0	-52.8	34	106.6
2010	64	99.6	99.5	64	0.6	-42.6	3	107.3
2011	46	99.8	98.7	46	1.1	-55.4	11	106.5
2012	57	100.7	99.1	57	1.4	-62.4	6	108.5
2013	65	101.2	98.8	65	1.8	-62.0	41	105.8
2014	61	101.4	99.3	64	1.6	-62.1	15	107.5
2015	49	100.7	98.4	49	2.0	-76.6	9	108.9
2016	86	101.4	98.9	86	1.8	-63.1	25	106.4
2017	89	101.8	98.2	89	2.2	-76.6	25	106.0
2018	22	101.5	98.1	22	2.4	-77.0	7	108.3

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	21	100.0	1	104.0	1	102.0	21	95.9
1991	17	100.2	1	109.0	1	106.0	17	94.9
1992	28	99.8	0	0.0	0	0.0	28	94.8
1993	27	100.0	1	106.0	1	104.0	27	94.7
1994	32	99.8	0	0.0	1	104.0	32	94.7
1995	50	99.8	1	99.0	4	103.5	50	95.6



1996	34	99.9	0	0.0	2	105.0	34	95.5
1997	48	100.1	3	104.7	3	104.0	48	95.6
1998	53	100.0	2	106.0	4	104.2	53	95.0
1999	77	99.8	3	103.7	3	103.3	77	94.7
2000	46	99.8	0	0.0	0	0.0	46	95.2
2001	75	99.8	2	101.5	5	102.8	75	94.4
2002	77	100.2	2	105.5	2	101.5	77	95.4
2003	60	100.6	6	104.3	8	103.9	60	94.9
2004	60	100.4	2	105.5	3	103.0	60	94.7
2005	64	100.0	1	100.0	3	104.7	64	94.2
2006	102	100.1	3	101.3	9	103.1	102	95.1
2007	38	100.6	3	105.0	3	105.0	38	94.9
2008	75	100.3	5	104.2	9	104.0	75	94.4
2009	69	100.1	2	103.0	2	103.0	69	94.7
2010	47	100.2	0	0.0	0	0.0	47	94.7
2011	39	100.0	0	0.0	0	0.0	39	94.3
2012	46	100.3	0	0.0	0	0.0	46	94.9
2013	57	99.9	0	0.0	0	0.0	57	94.4
2014	45	100.1	0	0.0	0	0.0	45	94.9
2015	28	100.2	0	0.0	0	0.0	28	95.5
2016	56	99.8	0	0.0	0	0.0	56	95.7
2017	39	99.8	0	0.0	0	0.0	39	95.3
2018	12	99.6	0	0.0	0	0.0	12	94.7

Tabel: 197 Fleck Vieh: Reproductiestoornissen

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1995	26	103.7	100.1	108.2	100.5	105.8	103.4
1996	14	104.5	100.8	109.1	100.8	106.2	103.9
1997	23	103.7	99.8	108.0	100.4	105.5	103.3
1998	11	102.9	99.5	107.2	99.8	105.4	103.5
1999	22	104.1	100.5	108.3	100.8	106.0	103.9
2001	29	103.6	99.7	108.0	100.4	105.6	103.5
2002	16	103.4	99.4	107.6	100.1	105.5	103.7
2003	18	103.0	99.1	107.3	99.5	105.6	103.6
2004	15	103.3	99.3	107.3	100.2	105.5	104.1
2005	16	103.8	99.9	108.2	100.6	105.9	103.6
2006	18	102.9	99.1	107.4	99.8	105.4	102.7
2008	14	104.3	100.3	108.1	101.4	106.1	104.0

Tabel: 198 Brown Swiss: Melkproductiekenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1990	12	-1450.8	-60.3	-47.9	-65.9	6.9	6.4	0.2	-343.0
1991	18	-1616.5	-57.1	-53.3	-73.4	24.1	7.9	0.2	-360.4
1992	19	-1618.9	-64.5	-55.4	-73.7	12.3	4.3	0.2	-384.4
1993	22	-1605.1	-60.7	-53.3	-73.0	17.4	6.7	0.2	-368.0
1994	23	-1506.0	-60.3	-49.9	-68.5	11.6	6.9	0.1	-351.8
1995	25	-1493.8	-57.7	-48.5	-67.9	13.8	7.9	0.2	-340.6
1996	23	-1306.1	-49.9	-44.2	-59.3	12.8	4.1	0.3	-303.9
1997	30	-1386.6	-54.3	-47.8	-63.0	11.4	3.1	0.3	-328.9
1998	29	-1457.9	-55.0	-47.6	-66.1	15.6	7.5	0.5	-330.3
1999	19	-1168.7	-46.0	-38.8	-53.0	9.3	4.8	0.3	-271.6
2000	34	-1230.6	-51.1	-42.7	-55.6	6.1	2.3	0.8	-299.2

2001	22	-1246.0	-47.1	-39.1	-56.6	12.8	8.2	0.3	-276.4
2002	15	-1283.7	-42.5	-39.3	-56.5	22.1	10.1	3.0	-267.2
2003	30	-1199.3	-48.0	-40.9	-54.1	8.6	3.3	0.8	-284.9
2004	17	-898.8	-32.9	-30.2	-40.7	10.2	3.0	0.3	-205.2
2005	13	-1228.5	-41.3	-36.5	-55.7	19.8	11.2	0.4	-253.0
2006	25	-1048.1	-40.4	-34.2	-47.7	9.7	5.2	0.0	-239.2
2007	15	-1036.1	-42.2	-32.9	-47.7	6.7	6.3	-0.5	-237.6
2008	13	-940.4	-40.2	-32.0	-42.7	3.0	2.8	0.1	-228.5
2009	12	-810.6	-41.4	-30.1	-37.3	-6.4	-1.0	-0.5	-221.6
2010	11	-573.9	-22.7	-17.8	-25.8	5.1	4.5	0.5	-128.5
2012	13	-676.6	-27.5	-21.5	-31.5	4.5	4.3	-1.0	-155.6
2013	12	-909.6	-35.6	-25.6	-42.1	7.3	10.1	-0.9	-192.3

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

Tabel: 199 Brown Swiss: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1990	10	95.6	100.7	95.1	93.2	106.5	99.9	89.6
1991	16	95.8	100.1	94.6	92.8	105.9	100.4	90.1
1992	13	96.2	100.1	94.4	92.8	105.9	101.2	90.2
1993	20	96.2	100.8	95.0	93.0	106.7	100.0	89.2
1994	17	95.7	100.7	94.6	92.9	106.4	100.3	89.3
1995	16	95.4	100.8	95.9	93.8	105.9	99.6	89.1
1996	17	97.6	101.1	96.6	94.2	105.8	99.8	90.3
1997	20	97.3	100.5	95.9	93.8	105.8	101.3	90.2
1998	17	96.8	101.2	96.0	93.3	106.8	100.2	89.3
1999	14	97.0	100.4	95.6	93.7	105.7	100.9	89.8
2000	20	96.5	101.4	96.2	93.5	106.3	100.5	90.5
2001	11	97.8	100.1	95.8	93.3	105.7	99.6	89.0
2002	11	96.5	100.3	95.5	93.5	106.4	99.9	89.7
2003	21	96.3	99.9	95.0	93.3	106.3	101.2	89.1
2006	14	97.1	100.0	95.6	93.9	105.9	101.1	89.0

Tabel: 200 Brown Swiss: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1990	10	107.4	96.1	111.6	103.8	106.9
1991	16	107.4	97.4	110.8	103.8	106.5
1992	13	107.0	96.8	111.9	104.0	106.2
1993	20	107.9	96.0	112.6	104.3	107.2
1994	17	107.9	96.2	112.2	104.1	107.3
1995	16	107.4	96.8	111.6	103.4	106.9
1996	17	107.9	96.6	112.4	104.3	106.9
1997	20	107.8	96.2	112.8	103.5	106.5
1998	17	108.2	95.2	113.6	104.2	107.3
1999	14	107.2	96.0	112.1	103.9	106.4
2000	20	108.0	96.0	112.3	104.2	107.0
2001	11	108.9	94.2	114.3	104.4	108.3
2002	11	107.2	95.4	113.5	103.5	106.3
2003	21	108.8	94.3	113.6	104.7	108.1
2006	14	107.6	96.3	112.4	103.9	106.2

Tabel: 201 Brown Swiss: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1990	10	95.2	98.8	104.8	95.6	89.8	95.4	95.7
1991	16	95.4	98.4	105.1	96.4	90.1	94.2	94.6
1992	13	94.6	98.1	105.2	95.2	89.8	94.2	94.8
1993	20	95.2	98.6	105.3	95.5	90.1	93.8	94.7
1994	17	95.5	99.2	104.5	95.4	90.1	94.6	95.8
1995	16	94.8	98.8	103.8	94.0	88.8	93.2	94.8
1996	17	95.2	98.5	104.2	95.7	90.2	94.8	95.7
1997	20	94.7	97.8	104.8	95.5	89.5	94.2	95.2
1998	17	95.4	98.4	105.1	95.6	89.5	94.9	95.6
1999	14	94.9	99.2	104.5	95.2	89.9	95.4	96.1
2000	20	94.8	97.8	104.2	95.0	89.0	93.7	94.1
2001	11	94.7	98.7	106.0	95.7	89.5	95.6	95.5
2002	11	94.8	99.0	103.1	95.7	89.4	94.7	95.1
2003	21	95.1	98.3	104.9	95.7	89.8	94.5	94.9
2006	14	95.3	97.9	103.4	95.9	90.3	94.6	94.8

Tabel: 202 Brown Swiss: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1990	10	93.0	98.0	92.4	107.7	0.0	97.8
1991	16	93.4	97.2	92.8	107.8	0.0	98.0
1992	13	93.5	97.2	91.8	107.5	0.0	97.2
1993	20	93.0	97.7	92.3	108.3	0.0	97.9
1994	17	93.1	97.5	92.5	108.3	0.0	98.0
1995	16	93.0	97.8	91.1	108.1	0.0	97.0
1996	17	94.2	98.4	92.5	108.1	0.0	98.3
1997	20	94.4	98.1	91.9	107.7	0.0	97.8
1998	17	93.6	98.1	92.3	108.1	0.0	98.0
1999	14	93.7	97.9	91.9	107.0	0.0	97.2
2000	20	94.5	98.3	91.5	107.9	0.0	97.7
2001	11	92.7	97.3	92.3	108.5	0.0	97.8
2002	11	93.1	98.2	92.2	106.6	0.0	97.0
2003	21	93.4	97.6	92.3	108.5	0.0	98.0
2006	14	93.4	97.8	92.6	107.3	0.0	97.6

Tabel: 203 Brown Swiss: Vruchtbaarheidsskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1990	11	101.6	103.4	102.6	102.6	101.9	95.0	86.7	102.8
1991	16	101.2	103.6	102.3	102.6	101.3	96.3	88.6	102.6
1992	17	101.4	103.8	102.4	102.6	101.5	95.6	88.4	102.7
1993	22	101.3	103.1	101.9	101.9	101.1	95.5	87.6	102.0
1994	22	102.2	102.7	102.3	102.0	101.9	96.4	87.7	102.3
1995	24	102.7	102.0	102.4	101.7	102.0	96.7	87.2	102.2
1996	22	101.6	103.1	102.2	102.1	101.5	96.6	88.4	102.2
1997	31	101.8	103.1	102.3	102.2	101.6	96.6	88.3	102.4
1998	26	101.9	103.0	102.4	102.2	101.8	96.1	87.4	102.5
1999	20	101.5	103.0	102.2	102.3	101.3	96.1	88.6	102.5

2000	31	102.7	102.7	102.7	102.4	102.2	96.4	87.9	102.8
2001	27	101.9	103.5	102.7	102.7	102.1	96.5	88.5	102.9
2002	18	101.6	102.9	102.6	102.2	101.6	95.4	87.9	102.6
2003	29	101.6	103.4	102.7	102.6	101.8	96.0	88.6	102.9
2004	20	101.8	103.1	102.8	102.3	102.0	97.3	89.5	102.7
2005	14	103.0	102.6	103.3	102.8	102.8	96.8	88.3	103.1
2006	23	102.7	102.6	103.0	102.5	102.5	96.9	89.2	103.0
2007	16	102.1	103.3	103.3	103.1	102.4	96.1	89.5	103.4
2008	14	102.0	102.9	103.0	102.9	102.4	97.5	89.7	103.1
2009	12	101.6	103.8	103.0	103.2	102.0	96.5	90.0	103.2
2010	16	101.8	103.2	103.2	102.8	102.2	96.4	90.3	103.2
2012	13	101.7	102.5	102.5	102.4	101.8	95.8	90.1	102.6
2013	14	102.5	103.6	103.9	103.6	102.9	96.7	89.9	103.9
2014	11	102.4	104.0	104.1	104.0	103.1	97.5	91.6	104.3
2017	10	102.3	102.3	103.1	102.7	102.4	96.9	91.0	103.1

Tabel: 204 Brown Swiss: Gebruikskkenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1991	10	95.6	96.8	96.3	98.5	101.6
1992	11	95.9	79.7	96.8	98.5	101.6
1993	17	95.6	93.3	96.5	98.5	101.5
1994	17	97.7	93.8	97.2	99.0	102.2
1995	17	99.2	82.4	97.6	99.3	102.8
1996	17	97.4	86.4	97.7	99.2	101.9
1997	22	95.7	84.6	97.7	98.5	102.1
1998	16	96.2	92.8	97.9	99.2	102.4
1999	14	95.4	91.6	97.6	99.5	102.4
2000	21	96.9	93.6	97.8	99.8	102.4
2001	11	95.9	99.0	98.0	100.1	102.6
2002	11	96.3	99.5	98.2	99.7	103.1
2003	20	96.8	93.8	98.3	99.6	102.6
2006	15	96.4	85.9	98.4	100.0	102.2

Tabel: 205 Brown Swiss: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1990	12	-77.8	-343.0	-40.7	100.9	102.8	92.4	107.7	103.2	107.2
1991	18	-102.0	-360.4	-182.1	100.3	102.6	92.8	107.8	102.3	94.1
1992	19	-104.8	-384.4	-51.5	100.3	102.7	91.8	107.5	103.0	101.9
1993	22	-99.7	-368.0	-75.1	100.2	102.0	92.3	108.3	103.1	78.3
1994	23	-84.6	-351.8	-41.3	101.0	102.3	92.5	108.3	102.9	91.5
1995	25	-87.1	-340.6	-76.6	101.4	102.2	91.1	108.1	102.7	95.3
1996	23	-68.1	-303.9	-17.3	101.0	102.2	92.5	108.1	102.5	67.8
1997	30	-86.2	-328.9	-76.0	100.6	102.4	91.9	107.7	102.7	84.6
1998	29	-85.8	-330.3	-73.1	101.1	102.5	92.3	108.1	102.7	78.8
1999	19	-62.2	-271.6	-92.2	101.2	102.5	91.9	107.0	103.6	65.1
2000	34	-67.7	-299.2	-69.5	101.4	102.8	91.5	107.9	103.5	64.2
2001	22	-39.5	-276.4	35.0	101.6	102.9	92.3	108.5	103.4	70.2
2002	15	-52.1	-267.2	-84.1	101.8	102.6	92.2	106.6	102.6	68.3
2003	30	-54.0	-284.9	-56.6	101.4	102.9	92.3	108.5	103.3	63.4
2004	17	3.5	-205.2	141.3	102.5	102.7	94.2	110.1	102.9	59.0
2005	13	-44.9	-253.0	-108.2	102.2	103.1	91.4	107.7	102.9	67.9
2006	25	-42.5	-239.2	-22.0	101.4	103.0	92.6	107.3	102.9	56.0

2007	15	-38.2	-237.6	-30.2	102.1	103.4	92.0	106.6	102.7	49.5
2008	13	-22.7	-228.5	4.5	102.0	103.1	93.0	107.0	103.4	43.1
2009	12	-24.3	-221.6	43.9	100.5	103.2	92.3	107.8	102.6	46.2
2010	11	11.5	-128.5	22.9	101.7	103.2	93.4	108.4	103.3	28.5
2012	13	8.6	-155.6	74.4	103.5	102.6	91.9	106.1	103.5	11.3
2013	12	-18.3	-192.3	22.3	101.2	103.9	92.8	107.8	103.6	47.0

Tabel: 206 Brown Swiss: Levensvatbaarheidskenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1992	13	98.0	104.3	98.0	104.3	96.5	103.8
1993	14	98.8	104.1	98.8	104.1	96.6	103.2
1994	19	98.3	104.1	98.3	104.1	96.5	103.4
1995	17	98.4	103.8	98.4	103.8	96.1	102.6
1996	18	96.9	104.8	96.9	104.8	94.5	104.6
1997	27	97.9	104.1	97.9	104.1	96.1	103.6
1998	16	98.4	104.1	98.4	104.1	96.6	103.4
1999	15	98.8	104.7	98.8	104.7	96.5	104.1
2000	26	98.5	104.7	98.5	104.7	96.5	104.0
2001	22	97.5	105.3	97.5	105.3	95.4	103.9
2002	17	97.1	104.6	97.1	104.6	95.2	103.4
2003	20	98.5	104.4	98.5	104.4	96.3	103.6
2004	21	98.0	104.5	98.0	104.5	96.6	104.0
2005	11	98.5	104.1	98.5	104.1	97.2	103.5
2006	15	98.3	104.3	98.3	104.3	96.5	103.7
2007	12	98.2	103.9	98.2	103.9	96.7	103.5
2008	11	98.5	104.4	98.5	104.4	95.9	103.0
2010	13	97.7	96.9	97.7	96.9	96.1	95.8

Tabel: 207 Brown Swiss: Geboortekenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1991	10	93.7	112.6	106.8	111.3	100.7	94.8
1992	15	94.0	111.6	106.4	113.0	99.9	93.8
1993	19	94.3	112.4	105.9	100.2	90.5	85.4
1994	19	94.1	111.8	106.4	111.7	100.5	95.5
1995	18	93.9	111.8	106.6	105.7	95.4	88.9
1996	20	93.0	112.2	107.3	106.8	95.1	89.8
1997	28	93.3	113.1	107.2	108.8	96.9	91.4
1998	19	93.2	113.2	107.4	105.7	95.6	90.5
1999	19	93.8	112.8	106.9	112.2	100.7	94.9
2000	26	94.9	112.1	105.3	112.8	100.7	93.4
2001	20	94.8	112.2	105.5	107.0	95.2	88.5
2002	14	93.7	112.9	106.9	112.3	99.4	93.5
2003	22	94.4	112.2	106.0	111.8	99.6	94.7
2004	16	93.8	113.9	106.5	110.8	100.6	95.2
2005	12	94.7	112.6	105.6	102.5	92.5	86.9
2006	19	93.8	111.8	106.5	106.4	94.9	89.8
2007	11	93.0	112.9	107.6	111.9	100.7	95.6
2008	16	94.4	112.2	105.9	111.4	99.8	95.8
2009	13	93.5	113.5	106.8	112.2	100.5	94.4
2010	19	93.5	113.5	106.9	111.6	99.9	94.2
2011	10	93.3	110.9	107.0	99.6	89.5	85.3
2012	12	93.0	111.8	107.5	110.7	100.1	95.2

2014 12 93.7 113.3 106.5 112.0 99.2 93.4

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1990	10	101.3	110.2	98.1	101.9	109.1	102.3	99.8	93.8	110.8	98.8	108.2
1991	14	101.6	109.1	98.6	101.5	108.6	103.1	100.1	94.1	110.1	99.4	108.5
1992	13	101.5	109.8	98.8	101.6	109.5	102.7	100.2	92.9	111.0	99.2	109.1
1993	17	100.5	109.9	98.1	101.9	108.2	103.4	99.1	93.5	110.6	99.2	108.3
1994	19	101.0	110.0	98.0	101.8	109.2	103.5	99.1	94.0	111.2	99.2	108.4
1995	21	101.0	109.1	98.5	101.1	109.1	102.9	99.5	93.9	110.6	98.9	107.7
1996	19	101.7	109.4	98.1	102.4	108.7	102.6	100.5	93.5	110.3	98.7	109.2
1997	25	101.2	109.5	98.9	101.6	109.0	102.9	100.1	93.6	110.2	99.7	108.3
1998	19	101.3	109.7	98.5	101.9	109.2	103.1	100.2	93.3	110.6	99.8	108.4
1999	15	101.5	108.7	98.1	101.4	108.4	102.3	100.0	94.6	109.9	98.7	108.3
2000	22	102.2	108.5	98.1	101.7	108.8	102.1	101.1	94.4	110.0	98.7	109.2
2001	14	101.2	108.9	99.4	101.5	108.2	103.9	99.9	93.2	109.8	101.1	107.4
2002	12	101.3	108.9	98.6	102.0	108.6	103.1	100.1	93.6	110.2	99.9	108.3
2003	21	102.0	108.8	98.7	101.8	108.7	102.6	100.6	94.4	110.0	100.0	108.1
2004	10	100.3	107.3	99.6	100.6	107.4	104.1	98.9	94.4	108.7	101.1	106.5
2005	10	101.9	109.2	99.4	101.1	109.5	102.6	100.7	93.8	110.6	100.1	107.7
2006	18	100.7	108.3	98.8	100.9	108.2	103.4	99.5	93.6	109.8	99.9	107.1
2010	10	101.7	106.6	98.7	101.3	107.4	102.7	101.1	93.9	108.0	100.1	107.5

Tabel: 209 Brown Swiss: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	13	91.2	99.0	83.8
1993	14	91.9	99.5	82.6
1994	20	91.7	99.0	83.2
1995	17	91.1	98.8	82.4
1996	19	91.8	99.4	82.6
1997	27	91.1	98.8	82.7
1998	16	91.9	99.4	82.6
1999	15	92.5	100.1	82.9
2000	24	92.1	99.4	83.7
2001	23	92.8	99.9	83.0
2002	17	92.4	99.6	83.4
2003	19	93.7	100.7	84.4
2004	20	93.2	100.7	83.6
2005	11	91.8	99.5	82.8
2006	13	93.2	100.3	83.3
2007	11	92.6	100.1	83.2
2008	12	94.8	101.3	84.2
2010	12	94.4	101.1	83.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	22	-1107.1	-4921.2	-185.5	-158.6
2002	14	-1601.6	-7241.6	-262.1	-231.9
2003	30	-1652.4	-6826.6	-278.3	-237.6
2004	17	-251.1	-1391.7	-26.1	-43.2
2005	13	-1861.8	-8222.2	-311.6	-267.0
2006	24	-1328.2	-5653.1	-222.5	-191.2
2007	14	-1338.9	-5650.1	-233.4	-188.1
2008	14	-1061.9	-4257.8	-183.5	-150.8
2009	12	-895.8	-3341.7	-163.4	-123.7
2010	11	-572.8	-2428.0	-99.4	-80.6
2012	13	-433.5	-1975.5	-75.2	-60.7
2013	12	-931.1	-4346.6	-167.3	-126.9

Tabel: 211 Brown Swiss: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1993	13	97.7	95.3	106.5
1994	16	97.4	96.5	106.1
1995	13	98.0	96.2	106.5
1996	17	97.0	96.2	107.7
1997	19	96.7	96.1	106.5
1998	12	96.8	96.8	106.5
1999	12	96.1	96.8	106.5
2000	20	97.0	96.2	106.5
2001	13	95.6	97.2	107.2
2002	11	96.8	96.1	106.2
2003	13	97.4	97.0	106.4
2004	14	98.6	98.6	106.9
2006	15	97.4	95.3	106.2

Tabel: 212 Brown Swiss: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1990	12	101.8	99.3	12	-4.1	107.2	0	0.0
1991	18	101.4	100.1	18	-3.9	94.1	0	0.0
1992	19	102.3	100.0	19	-4.3	101.9	0	0.0
1993	22	100.6	100.1	23	-3.7	78.3	0	0.0
1994	23	101.3	99.3	23	-3.9	91.5	0	0.0
1995	25	100.4	98.8	25	-3.9	95.3	0	0.0
1996	23	102.0	100.0	23	-3.1	67.8	0	0.0
1997	30	101.1	99.4	30	-3.6	84.6	0	0.0
1998	29	101.8	100.3	29	-3.5	78.8	0	0.0
1999	19	102.4	99.7	19	-2.9	65.1	0	0.0
2000	34	101.7	99.8	34	-3.1	64.2	0	0.0
2001	22	102.5	101.2	22	-3.1	70.2	11	97.6
2002	15	102.5	100.0	15	-2.9	68.3	11	97.9
2003	30	102.7	100.7	30	-3.0	63.4	21	97.2
2004	17	103.6	101.8	17	-2.3	59.0	9	97.2

2005	13	101.5	100.6	13	-2.9	67.9	9	97.6
2006	25	102.7	100.0	25	-2.5	56.0	14	97.6
2007	15	102.1	100.1	15	-2.5	49.5	6	98.7
2008	13	103.2	99.8	13	-2.3	43.1	8	98.1
2009	12	102.8	99.6	12	-2.3	46.2	6	98.7
2010	11	102.6	100.5	11	-1.4	28.5	8	99.0
2012	13	101.8	101.1	13	-1.3	11.3	8	100.9
2013	12	103.8	100.2	13	-2.2	47.0	4	96.8

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	10	100.0	0	0.0	0	0.0	10	100.8
1991	12	100.0	0	0.0	0	0.0	12	98.4
1992	15	100.0	0	0.0	0	0.0	15	99.8
1993	18	100.0	0	0.0	1	99.0	18	99.7
1994	18	100.0	0	0.0	0	0.0	18	100.3
1995	20	100.0	1	101.0	1	101.0	20	99.8
1996	20	99.9	2	99.5	4	99.0	20	100.6
1997	26	100.0	0	0.0	0	0.0	26	99.3
1998	19	100.0	0	0.0	1	100.0	19	100.0
1999	17	99.9	0	0.0	2	97.0	17	100.3
2000	26	100.0	0	0.0	2	99.0	26	100.3
2001	18	100.0	1	99.0	2	100.5	18	101.3
2002	12	100.0	0	0.0	0	0.0	12	101.3
2003	25	100.0	1	101.0	1	99.0	25	100.4
2004	18	100.0	0	0.0	0	0.0	18	100.3
2005	12	100.0	0	0.0	1	101.0	12	99.5
2006	24	99.9	1	102.0	3	96.7	24	99.8
2007	15	99.8	0	0.0	1	94.0	15	100.7
2008	10	100.1	0	0.0	1	103.0	10	101.5
2009	11	100.0	0	0.0	0	0.0	11	100.8
2010	11	100.0	0	0.0	0	0.0	11	100.5
2012	13	100.0	0	0.0	1	98.0	13	100.6
2013	12	100.0	0	0.0	0	0.0	12	100.5

Tabel: 214 Montbéliard: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1986	12	-1479.2	-79.0	-57.5	-67.1	-19.0	-6.5	0.6	-421.8
1987	11	-1523.3	-75.5	-59.9	-69.2	-10.6	-7.8	0.5	-424.9
1988	20	-1656.8	-83.4	-61.9	-75.3	-14.1	-3.6	0.1	-451.4
1989	28	-1816.5	-86.1	-67.8	-82.8	-7.6	-3.8	0.0	-483.6
1990	23	-1705.0	-79.2	-63.7	-77.5	-4.3	-3.7	0.3	-451.0
1991	20	-1563.2	-77.2	-60.4	-71.2	-10.6	-6.2	0.1	-430.9
1992	25	-1558.2	-75.2	-58.9	-70.8	-7.7	-4.2	0.4	-420.8
1993	21	-1511.1	-73.1	-58.1	-68.8	-7.5	-4.9	0.0	-412.3
1994	31	-1300.0	-65.4	-51.2	-59.1	-10.3	-6.4	0.3	-364.9
1995	17	-1522.4	-74.9	-58.5	-69.3	-9.8	-5.6	0.1	-418.1
1996	26	-1510.7	-75.3	-57.8	-68.7	-11.3	-5.0	0.2	-415.9
1997	34	-1078.3	-57.3	-43.5	-48.9	-12.6	-6.6	0.4	-313.2
1998	25	-1424.8	-66.9	-50.3	-64.8	-4.2	1.4	0.2	-366.4
1999	30	-1394.4	-70.4	-52.2	-63.3	-11.7	-3.0	0.4	-380.9
2000	29	-1283.3	-65.2	-46.3	-58.4	-10.6	0.0	0.1	-344.6



2001	26	-1365.0	-64.0	-49.8	-61.8	-3.6	-0.7	0.5	-357.3
2002	21	-1047.1	-57.7	-41.9	-46.7	-15.2	-5.8	1.4	-306.8
2003	27	-929.0	-51.5	-37.2	-40.3	-13.1	-4.8	3.0	-272.7
2004	21	-959.4	-57.7	-39.0	-40.8	-20.2	-5.9	4.3	-293.0
2005	21	-1112.7	-60.6	-43.2	-46.4	-14.4	-4.1	6.3	-318.5
2006	23	-1002.5	-56.3	-39.8	-43.9	-15.4	-4.9	2.5	-294.5
2007	23	-592.9	-37.5	-24.8	-26.3	-14.2	-4.6	0.9	-188.6
2008	24	-737.3	-44.6	-30.0	-32.3	-14.9	-4.3	1.7	-226.1
2009	17	-409.4	-34.1	-20.4	-17.9	-19.9	-7.1	1.2	-160.4
2010	10	-484.6	-39.1	-22.3	-20.9	-22.2	-6.2	1.4	-179.8
2015	14	79.8	-16.6	-3.9	3.1	-23.6	-7.6	-0.6	-50.0
2016	13	-102.1	-21.3	-7.1	-0.2	-20.2	-4.1	5.8	-73.8

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

Tabel: 215 Montbéliard: Exterieurkenmerken bouw

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1989	12	94.2	107.6	93.4	86.2	113.1	108.1	92.9
1991	11	94.5	108.2	93.9	86.5	113.1	106.3	92.5
1992	14	94.6	108.1	93.9	86.7	113.0	108.4	92.7
1994	15	95.5	110.5	95.8	87.5	113.4	107.3	93.5
1997	19	96.3	109.9	96.1	87.4	114.0	108.8	93.0
1998	15	95.3	109.9	94.9	86.1	114.1	108.3	92.7
1999	14	94.6	109.7	94.9	86.8	113.3	107.6	93.4
2002	10	96.0	109.0	94.8	87.3	112.9	106.9	93.6
2003	10	97.9	110.2	96.1	88.8	112.6	105.4	94.6
2006	10	96.7	109.4	94.7	87.2	113.6	106.7	93.4
2007	11	98.5	110.9	96.4	88.3	113.1	107.3	93.1
2009	11	97.4	109.6	95.5	88.2	112.6	108.0	93.1

Tabel: 216 Montbéliard: Exterieurkenmerken beenwerk

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1989	12	101.2	96.8	108.5	103.5	96.9
1991	11	101.8	95.5	108.5	103.7	98.4
1992	14	101.1	96.1	108.9	103.6	97.4
1994	15	102.1	95.3	106.9	103.8	99.1
1997	19	102.5	95.6	107.2	103.6	99.2
1998	15	102.1	96.3	106.9	103.8	99.1
1999	14	102.2	97.0	106.4	104.1	98.5
2002	10	102.6	95.8	108.6	104.5	99.0
2003	10	103.9	94.8	111.0	105.8	100.5
2006	10	103.4	94.5	109.0	104.4	100.1
2007	11	103.8	93.9	110.2	105.2	99.7
2009	11	102.1	94.8	109.0	104.1	98.5

Tabel: 217 Montbéliard: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1989	12	88.8	90.9	104.8	91.2	80.8	90.3	90.2
1991	11	89.7	91.5	104.3	91.4	82.9	91.4	91.3
1992	14	88.6	90.7	104.9	90.7	80.9	90.4	89.9
1994	15	88.9	91.3	106.9	89.9	83.4	89.7	88.2
1997	19	88.3	90.7	104.6	91.0	81.9	91.3	90.4
1998	15	88.9	91.1	103.6	91.6	82.4	91.6	89.7
1999	14	89.1	91.4	105.6	90.7	83.1	91.1	89.9
2002	10	89.4	91.9	104.6	91.3	83.0	91.6	90.9
2003	10	90.3	91.0	104.2	92.3	84.6	91.5	90.2
2006	10	89.5	90.3	104.3	92.1	84.1	91.9	90.4
2007	11	88.3	92.5	105.6	91.3	82.5	91.6	90.4
2009	11	89.3	92.2	104.9	91.7	83.2	91.5	90.6

Tabel: 218 Montbéliard: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1989	12	99.2	96.2	83.9	98.2	0.0	89.7
1991	11	98.6	96.2	85.3	98.9	0.0	90.6
1992	14	99.4	96.5	83.6	98.4	0.0	89.6
1994	15	100.1	96.7	84.1	99.3	0.0	90.8
1997	19	100.2	97.3	84.4	99.7	0.0	91.1
1998	15	99.7	96.2	85.1	99.5	0.0	91.3
1999	14	99.9	96.5	84.9	99.4	0.0	91.1
2002	10	99.6	96.7	85.4	99.6	0.0	91.4
2003	10	99.7	97.7	86.7	101.3	0.0	93.1
2006	10	99.2	96.8	86.1	100.6	0.0	92.3
2007	11	100.1	97.1	85.0	100.1	0.0	91.8
2009	11	99.5	97.3	85.5	98.9	0.0	91.2

Tabel: 219 Montbéliard: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1986	12	103.2	104.8	104.2	104.8	103.2	98.3	88.3	104.8
1988	14	102.9	104.9	104.1	104.9	103.0	97.9	88.5	104.6
1989	21	103.1	106.0	104.8	106.1	103.7	98.0	89.6	105.7
1990	16	103.3	106.5	105.3	106.8	104.2	98.3	89.8	106.3
1991	20	103.1	105.0	104.1	105.2	103.1	98.0	87.6	105.0
1992	22	102.6	105.7	104.5	105.8	103.3	97.9	90.2	105.5
1993	19	103.2	105.3	104.7	105.5	103.6	98.0	88.4	105.5
1994	27	103.2	105.1	104.7	105.4	103.8	97.7	88.7	105.4
1995	13	102.7	105.1	104.1	105.2	103.2	97.9	88.6	104.9
1996	21	102.1	105.3	103.7	105.3	102.6	97.2	89.5	104.8
1997	32	102.5	105.8	104.3	106.0	103.3	97.7	90.0	105.4
1998	25	102.6	105.2	103.9	105.3	103.0	97.3	87.8	104.9
1999	30	102.4	105.1	104.0	105.1	103.0	97.2	88.7	104.7
2000	29	102.3	105.0	103.8	105.1	102.8	97.4	88.8	104.7
2001	26	102.8	104.2	103.8	104.6	102.9	97.7	88.7	104.4
2002	21	102.1	104.8	103.7	104.9	102.6	97.6	89.7	104.6

2003	36	102.9	104.8	104.4	105.2	103.4	97.8	89.9	105.1
2004	38	102.8	104.6	104.1	104.9	103.2	97.8	89.6	104.8
2005	28	102.9	104.6	104.4	104.9	103.2	97.4	88.7	105.0
2006	27	103.2	105.7	105.1	106.2	104.0	97.5	89.5	105.9
2007	27	103.2	105.0	105.0	105.9	104.1	96.6	90.0	105.7
2008	25	101.4	106.2	104.6	105.9	102.9	96.4	91.5	105.4
2009	30	101.5	106.3	104.6	106.2	103.1	97.1	91.8	105.6
2010	20	103.5	104.7	105.2	105.5	104.0	98.0	90.5	105.6
2012	11	103.4	104.3	105.1	105.5	104.1	97.8	90.3	105.5
2013	10	102.1	103.9	103.6	104.2	102.6	96.9	91.4	104.0
2014	10	102.6	104.5	104.8	105.3	103.8	98.0	92.3	105.3
2015	15	103.4	102.4	104.1	103.9	103.7	98.1	92.9	104.3
2016	14	101.8	104.2	104.2	104.9	103.4	97.5	93.4	104.8

Tabel: 220 Montbéliard: Gebruikskennmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1988	10	97.7	75.2	98.1	100.3	103.8
1989	13	98.8	86.8	97.8	99.8	103.9
1991	10	97.5	84.2	98.3	99.5	103.7
1992	13	98.8	86.5	98.2	99.9	103.7
1994	15	95.3	92.3	97.1	98.9	102.3
1995	10	97.2	64.3	97.9	99.2	103.1
1997	21	96.9	82.8	98.7	100.3	102.2
1998	16	98.5	92.2	98.1	99.8	102.9
1999	14	99.0	93.4	97.7	99.2	102.9
2002	10	98.4	83.1	99.6	100.0	102.9
2003	11	99.8	84.5	99.4	100.4	102.8
2005	10	97.8	94.2	100.0	100.6	103.3
2006	10	98.4	83.4	99.1	100.5	103.3
2007	11	99.3	83.3	100.3	101.4	103.8
2009	10	97.9	93.7	99.8	100.7	103.3

Tabel: 221 Montbéliard: NVI met onderliggende kenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1986	12	-136.5	-421.8	-86.0	103.3	104.8	85.4	99.7	99.9	41.0
1987	11	-142.9	-424.9	0.0	103.3	104.0	84.0	99.0	100.6	82.0
1988	20	-151.8	-451.4	-109.6	102.6	104.6	85.4	99.2	100.0	83.1
1989	28	-174.1	-483.6	-214.6	102.4	105.7	83.9	98.2	100.5	81.4
1990	23	-154.7	-451.0	-170.7	102.1	106.3	84.7	98.6	100.8	76.4
1991	20	-156.1	-430.9	-199.1	102.1	105.0	85.3	98.9	100.3	44.9
1992	25	-156.2	-420.8	-180.4	102.3	105.5	83.6	98.4	100.8	47.3
1993	21	-155.2	-412.3	-237.1	101.2	105.5	83.2	99.2	100.0	37.2
1994	31	-152.0	-364.9	-230.9	100.9	105.4	84.1	99.3	99.8	14.7
1995	17	-153.6	-418.1	-257.0	101.5	104.9	85.2	98.3	100.0	70.1
1996	26	-163.1	-415.9	-227.8	101.5	104.8	83.0	100.0	100.7	38.2
1997	34	-129.8	-313.2	-279.7	101.5	105.4	84.4	99.7	101.1	-3.8
1998	25	-150.1	-366.4	-239.1	101.7	104.9	85.1	99.5	101.0	-6.0
1999	30	-155.3	-380.9	-228.2	101.5	104.7	84.9	99.4	100.2	13.1
2000	29	-141.6	-344.6	-249.7	101.4	104.7	83.9	100.7	101.0	-9.2
2001	26	-145.3	-357.3	-252.8	101.3	104.4	84.6	99.4	99.7	9.2
2002	21	-137.0	-306.8	-255.7	102.0	104.6	85.4	99.6	101.0	-28.7
2003	27	-105.7	-272.7	-194.7	102.1	105.1	86.7	101.3	100.7	-24.3

2004	21	-117.8	-293.0	-228.3	102.6	104.8	85.9	101.1	100.2	-27.9
2005	21	-132.1	-318.5	-294.1	102.3	105.0	86.2	100.4	101.5	-25.1
2006	23	-117.0	-294.5	-255.1	102.4	105.9	86.1	100.6	101.2	-32.4
2007	23	-79.2	-188.6	-206.3	103.1	105.7	85.0	100.1	101.0	-58.1
2008	24	-87.3	-226.1	-197.7	102.5	105.4	85.9	100.1	100.8	-41.0
2009	17	-58.5	-160.4	-159.7	102.6	105.6	85.5	98.9	101.4	-45.5
2010	10	-76.0	-179.8	-227.6	101.4	105.6	88.0	102.5	99.9	-66.3
2015	14	-18.4	-50.0	-53.4	102.2	104.3	0.0	0.0	101.4	-61.5
2016	13	-20.2	-73.8	-70.3	102.8	104.8	0.0	0.0	101.5	-66.5

Tabel: 222 Montbéliard: Klauwgezondheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2007	10	97.7	91.8	103.7	101.6	96.0	99.6	93.7

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	11	96.0	102.7	96.0	102.7	95.3	102.9
1988	11	95.8	102.7	95.8	102.7	95.1	103.2
1989	15	95.8	103.1	95.8	103.1	95.5	103.0
1990	11	96.5	103.2	96.5	103.2	95.9	103.4
1991	11	96.2	103.5	96.2	103.5	95.1	103.5
1992	13	96.2	103.5	96.2	103.5	95.7	103.3
1993	13	95.5	102.9	95.5	102.9	93.7	103.9
1994	21	95.2	102.9	95.2	102.9	94.0	103.6
1996	10	96.3	103.2	96.3	103.2	95.4	104.0
1997	30	96.0	104.0	96.0	104.0	95.6	105.0
1998	16	95.6	104.2	95.6	104.2	95.4	104.9
1999	19	94.8	103.7	94.8	103.7	94.4	104.2
2000	12	94.8	103.8	94.8	103.8	94.2	104.4
2002	11	95.4	104.2	95.4	104.2	95.0	104.2
2003	16	94.6	104.5	94.6	104.5	95.3	104.9
2004	16	94.9	103.6	94.9	103.6	95.1	104.1
2005	13	96.1	104.1	96.1	104.1	95.5	104.2
2006	13	95.6	104.8	95.6	104.8	95.6	104.8
2007	14	95.2	104.2	95.2	104.2	94.2	105.5
2008	12	95.3	103.8	95.3	103.8	94.6	104.4
2009	16	95.4	104.2	95.4	104.2	94.6	104.8
2010	10	94.9	103.5	94.9	103.5	94.1	104.7

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1986	10	91.1	112.6	112.4	98.0	85.6	83.5
1988	11	89.2	112.8	114.4	59.2	51.1	50.9
1989	13	89.5	112.1	113.8	108.0	92.4	92.6
1990	11	88.7	112.7	114.5	108.3	91.5	92.5
1991	12	88.8	112.2	114.8	81.3	69.3	68.3

1992	12	90.2	112.2	112.9	98.6	86.1	86.5
1993	11	88.4	112.0	115.5	100.6	85.5	81.7
1994	19	89.0	112.1	114.7	104.9	88.8	85.8
1995	10	89.0	112.0	114.6	76.6	64.9	63.8
1997	28	88.8	111.9	114.7	107.5	87.6	86.1
1998	16	88.9	112.6	114.5	103.4	85.5	85.5
1999	17	88.4	111.6	114.9	102.5	87.5	88.4
2000	13	89.8	112.2	113.5	75.2	64.5	65.5
2001	11	89.0	112.1	114.4	79.2	66.8	66.7
2002	10	89.2	112.4	114.4	87.5	75.7	74.6
2003	18	88.2	111.8	116.0	104.6	87.8	85.8
2004	18	89.1	112.8	114.5	98.3	82.5	81.6
2005	12	89.8	113.7	113.3	101.1	86.1	85.7
2006	12	89.2	110.7	114.5	101.7	85.5	83.8
2007	15	88.8	111.5	114.3	111.1	94.1	91.3
2008	14	88.6	112.7	114.9	94.3	80.6	80.4
2009	22	89.0	112.3	114.4	94.5	81.6	80.8
2010	15	87.8	112.3	116.1	94.4	81.9	81.8
2013	12	90.4	111.5	112.6	72.0	64.2	62.8
2014	11	89.6	112.5	113.5	77.8	70.0	69.5
2015	18	89.7	111.1	113.3	106.3	95.7	94.7
2016	11	89.8	111.1	113.1	105.4	97.3	97.4

Tabel: 225 Montbéliard: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1986	12	104.8	121.8	99.6	106.0	114.5	104.1	101.2	96.7	118.1	103.5	106.8
1988	14	106.0	120.1	100.6	105.1	114.8	103.6	102.9	96.4	116.8	104.0	107.1
1989	16	107.1	121.1	99.2	105.5	117.0	103.1	103.9	95.6	118.6	102.2	108.9
1990	12	106.2	121.8	100.2	105.1	116.7	104.1	102.9	95.3	119.8	102.8	109.2
1991	14	105.2	121.9	100.0	105.9	114.4	104.4	101.4	96.7	118.1	103.5	107.1
1992	14	106.5	121.6	100.1	105.9	116.0	103.9	102.9	96.1	118.6	103.2	108.5
1993	12	103.8	121.8	99.8	106.4	113.6	105.2	100.2	95.5	118.4	103.3	108.2
1994	22	104.5	122.0	99.0	106.8	114.0	104.8	100.7	96.3	118.4	103.1	108.0
1995	11	104.6	121.6	99.5	106.5	114.3	104.8	100.9	96.2	118.3	103.2	108.0
1996	13	105.7	122.3	99.5	107.2	114.7	104.5	102.5	95.8	118.3	103.8	108.7
1997	29	104.6	121.4	99.7	106.8	113.1	105.2	101.0	96.5	117.5	103.3	108.6
1998	19	104.9	120.9	99.3	106.3	113.6	104.2	101.5	96.7	117.0	102.7	107.9
1999	20	106.0	120.8	99.6	106.0	115.2	103.2	102.8	95.8	117.2	102.8	108.0
2000	20	106.3	121.0	99.8	106.2	115.3	103.5	102.8	96.4	117.7	102.7	108.7
2001	17	105.8	121.1	100.1	107.0	114.1	105.0	102.4	96.7	117.5	103.9	108.8
2002	11	106.8	119.6	100.3	107.2	113.6	104.6	103.4	97.9	116.0	104.6	108.5
2003	22	105.7	120.3	100.3	107.0	113.9	104.3	102.3	97.2	116.6	103.7	108.1
2004	27	105.3	120.2	99.3	106.3	113.2	104.3	101.6	97.4	116.5	103.2	107.9
2005	20	105.0	120.8	99.2	106.1	113.3	104.6	100.9	97.9	117.3	103.2	107.6
2006	20	105.4	118.8	100.3	105.7	113.4	104.1	101.8	97.3	115.8	103.5	107.0
2007	19	105.3	120.2	99.4	108.1	112.5	104.9	102.5	96.5	115.7	104.3	107.6
2008	21	105.9	120.7	98.8	108.6	112.7	104.3	102.5	97.5	116.3	103.3	109.0
2009	15	104.8	119.7	100.3	107.7	112.7	104.9	102.5	95.2	115.9	103.9	108.5
2010	10	106.0	117.9	99.7	107.1	112.5	103.4	103.8	96.4	114.4	103.1	108.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1986	10	92.9	98.1	84.5
1988	10	93.8	98.1	86.4
1989	14	95.2	100.1	84.6
1990	11	96.0	100.9	85.0
1991	12	94.8	99.8	85.6
1992	12	95.4	100.2	84.8
1993	12	93.8	99.6	85.0
1994	20	93.5	98.7	85.0
1996	10	94.5	99.4	86.1
1997	30	94.9	99.4	84.9
1998	16	95.4	100.1	83.7
1999	18	96.4	101.1	85.9
2000	12	96.7	101.5	85.5
2002	11	95.4	100.3	85.1
2003	16	95.1	100.1	88.4
2004	16	94.6	99.3	86.0
2005	12	93.6	98.7	84.8
2006	13	96.2	101.2	87.0
2007	14	93.0	99.9	82.9
2008	11	94.3	99.9	84.7
2009	15	95.0	100.3	84.5
2010	10	94.9	100.0	85.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	24	-2894.5	-11394.4	-505.4	-409.0
2002	21	-2762.0	-10471.4	-490.0	-387.5
2003	27	-2342.8	-8795.7	-417.1	-328.2
2004	20	-2566.9	-9562.9	-461.9	-357.1
2005	21	-3012.2	-11498.2	-535.0	-421.5
2006	23	-2679.7	-10089.3	-478.2	-374.7
2007	23	-2105.7	-7862.9	-378.1	-293.6
2008	24	-2188.2	-8115.0	-393.8	-304.8
2009	20	-1819.0	-6408.2	-332.4	-251.9
2010	10	-2200.9	-8032.4	-403.7	-303.1
2015	14	-726.0	-1816.4	-151.9	-93.2
2016	13	-924.5	-2920.3	-187.5	-119.4

Tabel: 228 Montbéliard: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1992	11	96.4	98.2	99.3
1994	18	95.3	97.0	99.6
1997	27	95.0	98.0	99.1
1998	15	95.2	97.8	98.8
1999	13	97.6	100.1	97.9
2003	14	96.4	99.7	98.6

2004	14	95.2	98.7	99.1
2007	12	94.5	100.2	98.8
2009	11	95.0	101.4	97.5

Tabel: 229 Montbéliard: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1985	0	102.1	98.1	10	-4.1	96.4	0	0.0
1986	12	103.1	97.7	12	-3.5	41.0	0	0.0
1987	11	101.5	98.3	11	-4.2	82.0	0	0.0
1988	20	102.0	98.0	21	-4.3	83.1	0	0.0
1989	28	100.7	97.9	28	-4.6	81.4	0	0.0
1990	23	101.0	97.6	23	-4.3	76.4	0	0.0
1991	20	102.3	98.0	20	-3.6	44.9	0	0.0
1992	25	101.4	97.0	25	-3.6	47.3	0	0.0
1993	21	101.3	97.3	21	-3.3	37.2	0	0.0
1994	31	101.2	97.0	31	-2.7	14.7	0	0.0
1995	17	102.0	97.8	17	-3.9	70.1	0	0.0
1996	26	102.1	97.7	26	-3.4	38.2	0	0.0
1997	34	102.5	97.9	34	-2.0	-3.8	0	0.0
1998	25	101.8	98.2	25	-2.4	-6.0	0	0.0
1999	30	101.8	97.3	30	-2.8	13.1	0	0.0
2000	29	102.6	97.7	29	-2.2	-9.2	0	0.0
2001	26	102.7	97.6	26	-2.5	9.2	8	106.8
2002	21	103.7	97.4	21	-1.6	-28.7	10	107.1
2003	27	104.7	97.7	27	-1.4	-24.3	10	108.7
2004	21	103.0	97.5	21	-1.5	-27.9	8	109.0
2005	21	102.9	96.3	21	-1.7	-25.1	9	107.6
2006	23	101.5	97.6	23	-1.4	-32.4	10	108.0
2007	23	103.4	96.7	23	-0.3	-58.1	11	109.1
2008	24	103.7	97.8	24	-0.8	-41.0	8	107.6
2009	17	104.3	97.2	20	-0.4	-45.5	11	108.0
2010	10	102.8	97.8	10	-0.1	-66.3	2	111.5
2015	14	104.6	94.7	14	0.7	-61.5	0	0.0
2016	13	103.9	94.6	13	0.6	-66.5	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	11	100.0	0	0.0	0	0.0	11	101.1
1988	10	100.0	0	0.0	0	0.0	10	101.9
1989	13	100.0	0	0.0	0	0.0	13	101.3
1990	12	100.0	0	0.0	0	0.0	12	101.4
1991	12	100.1	0	0.0	0	0.0	12	102.0
1992	13	100.0	0	0.0	0	0.0	13	101.5
1993	11	100.0	0	0.0	0	0.0	11	100.7
1994	22	100.0	0	0.0	1	98.0	22	100.9
1996	12	100.0	0	0.0	0	0.0	12	101.3
1997	28	100.0	1	101.0	1	97.0	28	102.0
1998	17	100.0	0	0.0	0	0.0	17	101.8
1999	18	100.0	0	0.0	0	0.0	18	101.8
2000	12	99.9	0	0.0	2	98.0	12	101.8
2001	11	100.1	0	0.0	0	0.0	11	101.9
2002	12	100.0	0	0.0	2	100.0	12	101.8

2003	20	100.0	0	0.0	0	0.0	20	101.8
2004	18	100.0	0	0.0	0	0.0	18	102.1
2005	11	100.0	0	0.0	0	0.0	11	100.8
2006	17	100.0	0	0.0	1	96.0	17	102.2
2007	14	99.5	1	101.0	1	97.0	14	103.2
2008	12	100.0	0	0.0	0	0.0	12	102.5
2009	17	99.9	0	0.0	0	0.0	17	102.3
2015	14	99.9	0	0.0	0	0.0	14	101.1
2016	12	100.0	0	0.0	0	0.0	12	100.5

Tabel: 231 Blonde d'Aquitaine: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	23	97.0	98.4	92.7	93.5	93.1	78.7	53.3	92.8
1984	17	96.3	98.9	92.5	93.9	92.6	78.0	58.0	93.0
1985	21	97.1	98.6	92.8	93.8	93.1	80.4	55.1	92.9
1986	23	96.4	98.7	92.7	93.9	93.1	79.5	56.1	93.0
1987	46	95.2	99.2	91.8	93.6	91.7	77.6	57.4	92.5
1988	40	96.5	98.7	92.7	93.6	92.8	79.1	56.6	92.9
1989	42	95.1	98.9	91.4	93.3	91.6	77.5	56.5	92.1
1990	53	95.9	98.9	92.5	93.9	92.5	79.4	60.6	92.9
1991	46	96.3	98.3	92.4	93.4	92.5	78.8	59.4	92.7
1992	75	96.4	98.1	92.2	93.2	92.6	78.5	57.1	92.5
1993	64	96.2	98.1	92.3	93.2	92.4	78.2	58.2	92.5
1994	76	96.2	98.7	92.5	93.7	92.5	78.5	60.4	92.9
1995	108	96.4	98.9	92.8	94.0	92.8	78.8	60.8	93.1
1996	116	95.9	99.4	93.1	94.4	92.8	78.6	60.7	93.4
1997	124	96.8	98.6	93.1	94.0	93.1	79.4	61.0	93.3
1998	150	96.0	99.2	92.8	94.2	92.7	78.8	61.1	93.2
1999	146	96.1	98.9	92.7	93.9	92.7	78.9	60.2	93.1
2000	189	96.1	98.9	92.7	94.0	92.8	79.4	60.3	93.1
2001	149	95.9	99.1	92.7	94.0	92.6	78.7	59.4	93.1
2002	181	96.2	99.0	92.8	94.1	92.8	79.2	60.2	93.1
2003	189	96.2	98.7	92.4	93.7	92.6	78.8	59.0	92.9
2004	159	96.7	98.7	92.8	93.9	93.0	79.4	59.9	93.1
2005	148	96.6	98.8	92.8	94.0	92.9	79.4	60.4	93.1
2006	187	96.4	98.7	92.6	93.8	92.8	78.9	58.5	92.9
2007	199	96.7	98.6	92.7	93.8	92.9	79.1	59.1	93.0
2008	183	96.3	98.6	92.4	93.7	92.6	79.1	59.3	92.8
2009	146	96.5	98.7	92.5	93.8	92.8	79.2	59.2	92.9
2010	103	96.3	98.2	92.3	93.4	92.6	79.1	59.3	92.6
2011	130	96.2	98.5	92.3	93.6	92.6	79.2	59.3	92.6
2012	129	96.4	98.7	92.5	93.8	92.7	78.9	58.7	92.9
2013	142	96.2	98.7	92.3	93.7	92.5	78.8	59.3	92.8
2014	126	96.1	98.7	92.5	93.8	92.7	79.6	60.3	92.9
2015	134	95.9	98.8	92.5	93.9	92.7	79.5	60.5	92.9
2016	81	95.5	99.0	92.2	93.9	92.3	79.0	60.0	92.8
2017	12	95.9	98.2	92.1	93.2	92.3	78.8	58.8	92.5
2018	10	96.0	98.5	92.4	93.6	92.6	79.5	60.4	92.8

Tabel: 232 Blonde d'Aquitaine: Geboortekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	11	67.6	124.2	140.5	11.9	7.8	7.1



1987	12	64.4	126.1	143.8	11.1	7.2	6.8
1989	19	65.3	125.6	143.0	27.8	18.1	16.3
1990	16	66.0	125.2	142.2	16.9	10.4	9.2
1991	14	63.4	125.3	144.9	19.0	12.3	11.2
1992	21	67.2	126.0	140.7	44.3	28.6	25.3
1993	21	66.9	124.9	141.0	70.1	45.0	39.8
1994	22	66.7	125.5	141.3	17.8	11.7	10.2
1995	26	66.4	124.7	141.7	30.7	19.9	18.2
1996	11	68.9	123.4	138.8	48.5	31.2	27.3
1997	26	67.2	125.3	140.8	40.8	26.6	23.9
1998	26	66.3	125.7	141.8	61.6	39.4	35.5
1999	32	67.0	124.5	141.2	66.7	43.0	38.4
2000	48	67.5	125.1	140.5	60.8	39.7	35.9
2001	27	67.1	125.1	140.8	68.4	44.9	40.7
2002	27	68.4	124.9	139.5	73.6	48.1	43.5
2003	45	68.6	125.0	139.1	86.1	55.7	48.8
2004	28	67.6	123.9	140.3	62.1	40.0	34.9
2005	42	67.3	124.9	140.6	82.9	53.5	47.8
2006	60	67.9	124.5	139.9	93.4	60.6	54.2
2007	77	67.3	125.1	140.7	113.9	74.2	65.5
2008	74	67.6	125.4	140.3	112.7	73.6	66.4
2009	80	68.7	123.8	139.1	112.4	72.9	65.1
2010	73	67.9	123.8	139.9	108.7	70.7	62.4
2011	70	68.6	123.3	139.3	113.7	73.0	64.1
2012	64	68.6	123.0	139.4	105.5	68.0	60.2
2013	66	68.7	123.9	139.2	104.1	67.4	59.4
2014	63	68.1	123.6	139.7	101.4	64.7	57.6
2015	67	68.0	124.3	140.0	107.0	68.5	61.2
2016	52	67.9	124.5	140.1	99.3	64.3	57.0
2017	56	68.4	122.5	139.4	97.4	62.3	55.5
2018	36	69.4	124.2	138.1	18.5	11.8	10.6
2019	32	69.3	123.6	138.1	25.4	16.1	14.1
2020	14	69.4	123.5	138.6	19.3	12.2	10.6

Tabel: 233 Blonde d'Aquitaine: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	10	117.2	149.8	106.6	131.8	131.1	115.5	107.3	102.3	131.6	119.0	123.3
1989	13	117.5	149.1	107.4	134.2	129.2	117.8	107.9	102.3	130.6	120.5	126.2
1990	15	117.5	150.2	106.1	134.1	129.1	115.7	108.3	102.2	130.8	118.9	125.3
1991	18	115.8	149.0	105.1	133.7	127.4	115.9	106.7	101.8	129.1	118.3	123.7
1992	23	117.0	149.3	107.4	132.5	129.4	116.0	107.6	101.9	131.0	119.4	124.7
1993	21	116.5	148.5	106.6	134.3	127.4	116.9	107.7	102.0	129.1	120.0	125.0
1994	15	116.1	149.7	106.3	134.1	127.8	116.0	107.3	101.3	129.6	119.3	124.4
1995	22	116.2	148.7	106.5	133.8	127.4	116.9	107.3	101.4	129.8	119.7	124.8
1996	15	115.9	147.3	105.3	133.5	126.6	116.3	107.3	101.5	129.3	118.4	124.7
1997	30	116.3	148.6	106.3	132.4	128.8	115.6	107.3	101.5	130.4	118.4	123.6
1998	24	116.4	149.5	105.2	135.4	127.7	116.5	107.6	101.3	129.6	119.1	125.2
1999	22	116.3	149.7	106.6	133.5	128.9	116.8	106.9	101.5	131.2	119.7	123.9
2000	46	115.7	148.5	105.4	133.5	127.5	116.1	106.9	101.2	129.7	118.6	123.8
2001	29	116.7	149.0	105.3	135.6	127.3	116.8	108.1	101.9	129.1	119.3	125.6
2002	44	115.7	147.5	105.8	133.4	126.8	116.5	107.0	101.6	129.0	118.9	124.3
2003	46	116.2	148.3	105.5	133.8	127.4	115.9	107.4	101.7	129.4	118.4	124.8
2004	41	116.6	147.6	105.2	134.1	127.1	115.8	108.1	102.0	128.7	118.1	125.3
2005	51	116.5	147.8	105.7	134.6	126.9	116.2	108.0	101.5	128.8	118.7	125.6
2006	72	115.9	146.9	106.3	133.0	126.7	115.9	107.4	101.4	128.4	118.2	124.8
2007	81	115.9	146.8	106.2	133.4	126.3	116.2	107.4	101.5	128.3	118.2	125.2
2008	78	116.8	148.1	105.3	134.8	127.0	116.2	108.2	101.6	129.4	118.1	126.6
2009	70	116.3	147.1	104.7	135.3	125.4	116.1	108.3	101.4	127.8	117.8	126.4

2010	53	115.6	147.5	105.8	134.9	125.2	116.4	107.6	101.2	128.2	118.4	125.4
2011	65	116.1	148.5	106.3	135.5	125.8	116.8	107.7	101.3	129.0	118.9	126.2
2012	50	114.8	146.7	106.2	133.0	125.4	116.5	106.4	101.1	128.0	118.8	123.6
2013	58	115.5	147.0	105.9	133.6	125.8	116.3	107.2	101.2	128.6	118.4	124.9
2014	33	115.1	146.1	106.7	132.4	125.6	116.4	106.5	101.4	128.3	118.6	124.0
2015	21	115.4	145.9	106.5	133.1	125.1	116.4	107.4	101.2	127.9	118.4	125.1
2016	17	115.4	144.8	107.8	131.0	125.8	116.3	107.1	101.4	128.3	118.6	124.4

Tabel: 234 Normande: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1988	10	-2525.4	-104.7	-87.0	-115.0	14.7	6.5	-0.1	-611.0
1995	14	-2366.7	-99.3	-82.1	-107.8	11.4	5.1	0.0	-577.7
2004	22	-2246.5	-91.7	-78.0	-74.4	15.2	4.9	47.3	-535.0
2005	10	-2158.3	-91.4	-73.6	-82.9	8.9	6.8	24.9	-518.6
2006	13	-2313.6	-98.2	-78.2	-83.2	9.0	8.5	37.8	-551.6
2007	28	-2150.2	-90.1	-74.9	-78.6	10.5	4.0	32.2	-520.0
2008	16	-2229.6	-92.6	-76.0	-84.9	12.4	7.4	28.5	-531.6
2010	11	-1945.2	-84.7	-69.5	-76.8	3.5	0.5	18.5	-485.9

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

Tabel: 235 Normande: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1995	14	103.1	105.3	104.8	105.6	102.8	98.0	83.9	105.6
2004	22	103.0	105.0	104.3	105.4	102.5	97.4	84.4	105.1
2005	10	103.2	104.9	104.5	105.3	102.6	97.9	84.9	105.3
2006	14	103.5	104.4	104.5	105.0	102.6	97.7	84.9	105.1
2007	28	104.0	104.9	105.4	105.8	103.6	98.7	84.9	106.0
2008	14	103.1	103.9	103.7	104.6	102.1	97.9	84.1	104.5

Tabel: 236 Normande: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1988	10	-203.2	-611.0	0.0	99.0	105.0	87.0	93.0	0.0	192.6
1995	14	-191.6	-577.7	0.0	97.6	105.6	85.7	92.7	98.0	108.1
2004	22	-217.5	-535.0	-648.1	99.9	105.1	0.0	0.0	0.0	63.5
2005	10	-197.2	-518.6	-424.9	98.2	105.3	0.0	0.0	0.0	83.1
2006	13	-227.9	-551.6	-612.6	98.5	105.1	0.0	0.0	0.0	72.2
2007	28	-201.3	-520.0	-520.2	98.2	106.0	0.0	0.0	98.0	75.5
2008	16	-215.6	-531.6	-594.5	98.6	104.5	0.0	0.0	99.0	76.0
2010	11	-166.5	-485.9	-242.5	98.1	105.5	0.0	0.0	0.0	88.6

Tabel: 237 Normande: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	21	-5270.5	-21086.2	-900.2	-746.2
2005	10	-4254.7	-17112.4	-732.4	-601.9
2006	13	-5158.8	-20672.7	-890.7	-726.9
2007	26	-4662.8	-18623.7	-799.8	-660.5
2008	14	-5022.9	-20161.2	-863.0	-710.5

Tabel: 238 Normande: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1988	10	104.1	96.2	10	-7.3	192.6	0	0.0
1995	14	103.5	94.5	14	-5.7	108.1	0	0.0
2004	22	105.3	94.4	22	-4.4	63.5	0	0.0
2005	10	106.1	94.0	10	-4.8	83.1	0	0.0
2006	13	103.0	93.4	13	-4.8	72.2	0	0.0
2007	28	105.9	94.4	28	-4.6	75.5	0	0.0
2008	16	105.4	93.3	16	-4.7	76.0	0	0.0
2010	11	105.4	94.2	11	-4.6	88.6	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2007	12	100.0	0	0.0	0	0.0	12	99.2
2008	10	100.0	0	0.0	0	0.0	10	100.1

Tabel: 240 KRB: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2013	33	-1125.9	-47.1	-49.8	-44.1	6.1	-15.2	14.6	-316.5
2014	34	-1040.4	-48.2	-47.9	-39.1	-3.2	-16.7	16.9	-309.5
2015	39	-1033.7	-47.5	-46.2	-37.9	-2.6	-13.9	18.3	-300.7
2016	57	-1001.8	-48.0	-45.5	-31.2	-5.6	-14.4	27.7	-296.9
2017	66	-977.0	-44.0	-43.3	-30.8	-0.6	-12.8	26.2	-279.2
2018	19	-834.7	-39.7	-38.3	-21.1	-4.6	-12.8	31.3	-246.9

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

Tabel: 241 KRB: Vruchtbaarheidsskenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2013	33	99.4	102.2	100.0	100.2	100.0	99.8	93.7	100.0
2014	34	99.5	101.7	99.9	99.9	100.0	99.8	93.8	99.9
2015	33	99.5	102.3	100.2	100.2	100.0	99.8	93.8	100.3
2016	37	99.6	103.1	100.8	101.1	100.5	99.9	93.3	101.1
2017	26	99.1	102.3	99.9	100.2	99.8	99.5	93.6	100.2

Tabel: 242 KRB: NVI met onderliggende kenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
2013	33	-117.5	-316.5	-95.6	100.3	100.0	0.0	0.0	0.0	41.1
2014	34	-116.3	-309.5	-126.7	100.8	99.9	0.0	0.0	0.0	36.0
2015	39	-100.0	-300.7	-18.7	101.1	100.3	0.0	0.0	0.0	39.7
2016	57	-90.2	-296.9	21.1	101.6	101.1	0.0	0.0	0.0	42.2
2017	66	-93.0	-279.2	-13.4	101.1	100.2	0.0	0.0	0.0	50.3
2018	19	-78.5	-246.9	-11.8	101.7	0.0	0.0	0.0	0.0	53.8

Tabel: 243 KRB: Geboortekenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2013	10	84.4	104.0	121.7	0.0	0.0	0.0
2017	34	84.1	103.9	122.1	0.0	0.0	0.0
2018	27	84.5	104.3	121.6	0.0	0.0	0.0
2019	13	83.8	104.8	122.3	0.0	0.0	0.0

Tabel: 244 KRB: Levensproductiekenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2013	32	-1927.7	-7511.8	-297.0	-291.7
2014	34	-2063.7	-7816.3	-329.1	-307.1
2015	39	-1476.9	-5526.3	-228.1	-223.7
2016	54	-1190.4	-4202.8	-180.0	-182.9
2017	55	-1272.1	-4745.0	-192.5	-194.6
2018	19	-1223.7	-4527.0	-186.9	-186.2

Tabel: 245 KRB: Overige productie en efficiency kenm.  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
2013	33	100.3	97.5	33	-2.6	41.1	0	0.0

2014	34	100.4	96.9	34	-2.4	36.0	0	0.0
2015	39	100.9	96.3	39	-2.5	39.7	0	0.0
2016	57	101.9	98.2	57	-2.5	42.2	0	0.0
2017	66	102.2	97.3	66	-2.5	50.3	0	0.0
2018	19	103.2	97.6	19	-2.3	53.8	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2009	17	99.7	0	0.0	0	0.0	17	94.9
2010	16	99.8	0	0.0	0	0.0	16	94.0
2012	20	99.8	0	0.0	0	0.0	20	95.0
2013	31	99.5	0	0.0	0	0.0	31	93.6
2014	37	99.6	0	0.0	0	0.0	37	94.0
2015	39	99.6	0	0.0	0	0.0	39	93.9
2016	55	99.6	0	0.0	0	0.0	55	94.5
2017	64	99.7	0	0.0	0	0.0	64	94.5
2018	18	99.3	0	0.0	0	0.0	18	92.7