

Genetische trends van koeien in Nederland

Datum: 07-04-2022

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 = Wittelijnd defect
 LVg = Index Levensvatbaarheid
 LVa = Index Maternale Levensvatbaarheid
 LVg1 = Directe levensvatbaarheid vaarzen
 LVa1 = Maternale levensvatbaarheid vaarzen
 LVg2 = Directe levensvatbaarheid koeien
 LVa2 = Maternale levensvatbaarheid koeien
 Geb = Direct geboorteverloop
 DDt = Directe draagtijd
 DGw = Direct geboortegewicht
 Afk = Maternaal afkalfgemak
 MDt = Maternale draagtijd
 MGw = Maternaal geboortegewicht
 Gin = Geboorteindex
 Be_ko = Beveleedheid koe
 Ve_ko = Vetbedekking koe
 Gw_ko = Gewicht koe
 Be_ka = Beveleedheid kalf
 Ve_ka = Vetbedekking kalf
 Gr_ka = Groei kalf
 Vlkl = Vleeskleur kalf
 Be_st = Beveleedheid stier
 Ve_st = Vetbedekking stier
 Gr_st = Groei stier
 Vlin = Vleesindex
 KaVi1 = Kalvervitaliteit gedurende opfok
 KaVi2 = Kalvervitaliteit gedurende opfok dag 3-14
 KaVi3 = Kalvervitaliteit mestkalveren
 LPin = Levensproductie index
 LPkgM = Levensproductie kg melk
 LPkgV = Levensproductie kg vet
 LPkgE = Levensproductie kg eiwit
 Eff = AMS Efficiency
 Int = AMS Interval
 Gewen = AMS Gewenning
 Pers = Persistentie
 RTM = Laatrijphheid
 DSopn = Kg droge stof opname
 Gew = Lichaamsgewicht
 BVK = Besparing voerkosten voor onderhoud (euro/lact)
 SAin = Stofwisselingsaandoeningen index
 MZ = Melkziekte index
 SMZ = Klinische Ketose / Slepemde Melkziekte index
 RSin = Reproductiestoornissen index
 NAGE = Aan de nageboorte blijven staan-index
 VUIL = Niet opgeschoonde baarmoeders-index
 BMON = Baarmoederontsteking index
 CYST = Cysteuze eierstokken index
 ANOE = Anoestrus index
 SubKE = Subklinische ketose index

Rassen met meer dan 10 waarnemingen per jaar - Nederland

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

Inhoudsopgave (Nederland)

Tabel:	1	Holstein Friesian - zwartbont,	basis Z: Melkproductiekenmerken
Tabel:	2	Holstein Friesian - zwartbont,	basis Z: Exterieurkenmerken bouw
Tabel:	3	Holstein Friesian - zwartbont,	basis Z: Exterieurkenmerken beenwerk
Tabel:	4	Holstein Friesian - zwartbont,	basis Z: Exterieurkenmerken uier
Tabel:	5	Holstein Friesian - zwartbont,	basis Z: Exterieurkenmerken bovenbalk
Tabel:	6	Holstein Friesian - zwartbont,	basis Z: Vruchtbaarheidskenmerken
Tabel:	7	Holstein Friesian - zwartbont,	basis Z: Gebruikskenmerken
Tabel:	8	Holstein Friesian - zwartbont,	basis Z: NVI met onderliggende kenmerken
Tabel:	9	Holstein Friesian - zwartbont,	basis Z: Klauwgezondheidskenmerken
Tabel:	10	Holstein Friesian - zwartbont,	basis Z: Levensvatbaarheidskenmerken
Tabel:	11	Holstein Friesian - zwartbont,	basis Z: Geboortekenmerken
Tabel:	12	Holstein Friesian - zwartbont,	basis Z: Vleeskenmerken
Tabel:	13	Holstein Friesian - zwartbont,	basis Z: Kalvervitaliteit
Tabel:	14	Holstein Friesian - zwartbont,	basis Z: Levensproductiekenmerken
Tabel:	15	Holstein Friesian - zwartbont,	basis Z: Robot / AMS kenmerken
Tabel:	16	Holstein Friesian - zwartbont,	basis Z: Overige productie en efficiency kenm.
Tabel:	17	Holstein Friesian - zwartbont,	basis Z: Stofwisselingsaandoeningen
Tabel:	18	Holstein Friesian - zwartbont,	basis Z: Reproductiestoornissen
Tabel:	19	Holstein Friesian - roodbont,	basis R: Melkproductiekenmerken
Tabel:	20	Holstein Friesian - roodbont,	basis R: Exterieurkenmerken bouw
Tabel:	21	Holstein Friesian - roodbont,	basis R: Exterieurkenmerken beenwerk
Tabel:	22	Holstein Friesian - roodbont,	basis R: Exterieurkenmerken uier
Tabel:	23	Holstein Friesian - roodbont,	basis R: Exterieurkenmerken bovenbalk
Tabel:	24	Holstein Friesian - roodbont,	basis R: Vruchtbaarheidskenmerken
Tabel:	25	Holstein Friesian - roodbont,	basis R: Gebruikskenmerken
Tabel:	26	Holstein Friesian - roodbont,	basis R: NVI met onderliggende kenmerken
Tabel:	27	Holstein Friesian - roodbont,	basis R: Klauwgezondheidskenmerken
Tabel:	28	Holstein Friesian - roodbont,	basis R: Levensvatbaarheidskenmerken
Tabel:	29	Holstein Friesian - roodbont,	basis R: Geboortekenmerken
Tabel:	30	Holstein Friesian - roodbont,	basis R: Vleeskenmerken
Tabel:	31	Holstein Friesian - roodbont,	basis R: Kalvervitaliteit
Tabel:	32	Holstein Friesian - roodbont,	basis R: Levensproductiekenmerken

Tabel: 33 Holstein Friesian - roodbont, basis R: Robot / AMS kenmerken
Tabel: 34 Holstein Friesian - roodbont, basis R: Overige productie en efficiency kenm.
Tabel: 35 Holstein Friesian - roodbont, basis R: Stofwisselingsaandoeningen
Tabel: 36 Holstein Friesian - roodbont, 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: Gebruikskenmerken
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: Levensvatbaarheidskenmerken
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 Holstein - Fries Hollands zwartbont, basis Z: Reproductiestoornissen
Tabel: 55 Holstein - Fries Hollands zwartbont, basis Y: Melkproductiekenmerken
Tabel: 56 Holstein - Fries Hollands zwartbont, basis Y: Exterieurkenmerken bouw
Tabel: 57 Holstein - Fries Hollands zwartbont, basis Y: Exterieurkenmerken beenwerk
Tabel: 58 Holstein - Fries Hollands zwartbont, basis Y: Exterieurkenmerken uier
Tabel: 59 Holstein - Fries Hollands zwartbont, basis Y: Exterieurkenmerken bovenbalk
Tabel: 60 Holstein - Fries Hollands zwartbont, basis Y: Vruchtbaarheidskenmerken
Tabel: 61 Holstein - Fries Hollands zwartbont, basis Y: Gebruikskenmerken
Tabel: 62 Holstein - Fries Hollands zwartbont, basis Y: NVI met onderliggende kenmerken
Tabel: 63 Holstein - Fries Hollands zwartbont, basis Y: Klauwgezondheidskenmerken
Tabel: 64 Holstein - Fries Hollands zwartbont, basis Y: Levensvatbaarheidskenmerken
Tabel: 65 Holstein - Fries Hollands zwartbont, basis Y: Geboortekenmerken
Tabel: 66 Holstein - Fries Hollands zwartbont, basis Y: Vleeskenmerken
Tabel: 67 Holstein - Fries Hollands zwartbont, basis Y: Kalvervitaliteit
Tabel: 68 Holstein - Fries Hollands zwartbont, basis Y: Levensproductiekenmerken
Tabel: 69 Holstein - Fries Hollands zwartbont, basis Y: Robot / AMS kenmerken
Tabel: 70 Holstein - Fries Hollands zwartbont, basis Y: Overige productie en efficiency kenm.
Tabel: 71 Holstein - Fries Hollands zwartbont, basis Y: Stofwisselingsaandoeningen
Tabel: 72 Holstein - Fries Hollands zwartbont, basis Y: Reproductiestoornissen
Tabel: 73 Fries Hollands - zwartbont, basis Y: Melkproductiekenmerken
Tabel: 74 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken bouw
Tabel: 75 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken beenwerk
Tabel: 76 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken uier
Tabel: 77 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken bovenbalk
Tabel: 78 Fries Hollands - zwartbont, basis Y: Vruchtbaarheidskenmerken
Tabel: 79 Fries Hollands - zwartbont, basis Y: Gebruikskenmerken
Tabel: 80 Fries Hollands - zwartbont, basis Y: NVI met onderliggende kenmerken
Tabel: 81 Fries Hollands - zwartbont, basis Y: Levensvatbaarheidskenmerken
Tabel: 82 Fries Hollands - zwartbont, basis Y: Geboortekenmerken
Tabel: 83 Fries Hollands - zwartbont, basis Y: Vleeskenmerken
Tabel: 84 Fries Hollands - zwartbont, basis Y: Kalvervitaliteit
Tabel: 85 Fries Hollands - zwartbont, basis Y: Levensproductiekenmerken
Tabel: 86 Fries Hollands - zwartbont, basis Y: Robot / AMS kenmerken
Tabel: 87 Fries Hollands - zwartbont, basis Y: Overige productie en efficiency kenm.
Tabel: 88 Fries Hollands - zwartbont, basis Y: Stofwisselingsaandoeningen

Tabel: 89 Fries Hollands - roodbont, basis Y: Melkproductiekenmerken
Tabel: 90 Fries Hollands - roodbont, basis Y: Vruchtbaarheidskenmerken
Tabel: 91 Fries Hollands - roodbont, basis Y: NVI met onderliggende kenmerken
Tabel: 92 Fries Hollands - roodbont, basis Y: Levensvatbaarheidskenmerken
Tabel: 93 Fries Hollands - roodbont, basis Y: Geboortekenmerken
Tabel: 94 Fries Hollands - roodbont, basis Y: Vleeskenmerken
Tabel: 95 Fries Hollands - roodbont, basis Y: Kalvervitaliteit
Tabel: 96 Fries Hollands - roodbont, basis Y: Levensproductiekenmerken
Tabel: 97 Fries Hollands - roodbont, basis Y: Overige productie en efficiency kenm.
Tabel: 98 Fries Hollands - roodbont, basis Y: Stofwisselingsaandoeningen
Tabel: 99 Maas Rijn IJssel, basis Y: Melkproductiekenmerken
Tabel: 100 Maas Rijn IJssel, basis Y: Exterieurkenmerken bouw
Tabel: 101 Maas Rijn IJssel, basis Y: Exterieurkenmerken beenwerk
Tabel: 102 Maas Rijn IJssel, basis Y: Exterieurkenmerken uier
Tabel: 103 Maas Rijn IJssel, basis Y: Exterieurkenmerken bovenbalk
Tabel: 104 Maas Rijn IJssel, basis Y: Vruchtbaarheidskenmerken
Tabel: 105 Maas Rijn IJssel, basis Y: Gebruikskenmerken
Tabel: 106 Maas Rijn IJssel, basis Y: NVI met onderliggende kenmerken
Tabel: 107 Maas Rijn IJssel, basis Y: Klauwgezondheidskenmerken
Tabel: 108 Maas Rijn IJssel, basis Y: Levensvatbaarheidskenmerken
Tabel: 109 Maas Rijn IJssel, basis Y: Geboortekenmerken
Tabel: 110 Maas Rijn IJssel, basis Y: Vleeskenmerken
Tabel: 111 Maas Rijn IJssel, basis Y: Kalvervitaliteit
Tabel: 112 Maas Rijn IJssel, basis Y: Levensproductiekenmerken
Tabel: 113 Maas Rijn IJssel, basis Y: Robot / AMS kenmerken
Tabel: 114 Maas Rijn IJssel, basis Y: Overige productie en efficiency kenm.
Tabel: 115 Maas Rijn IJssel, basis Y: Stofwisselingsaandoeningen
Tabel: 116 Maas Rijn IJssel, basis Y: Reproductiestoornissen
Tabel: 117 MRIJ - Holstein Friesian roodbont, basis R: Melkproductiekenmerken
Tabel: 118 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken bouw
Tabel: 119 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken beenwerk
Tabel: 120 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken uier
Tabel: 121 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken bovenbalk
Tabel: 122 MRIJ - Holstein Friesian roodbont, basis R: Vruchtbaarheidskenmerken
Tabel: 123 MRIJ - Holstein Friesian roodbont, basis R: Gebruikskenmerken
Tabel: 124 MRIJ - Holstein Friesian roodbont, basis R: NVI met onderliggende kenmerken
Tabel: 125 MRIJ - Holstein Friesian roodbont, basis R: Klauwgezondheidskenmerken
Tabel: 126 MRIJ - Holstein Friesian roodbont, basis R: Levensvatbaarheidskenmerken
Tabel: 127 MRIJ - Holstein Friesian roodbont, basis R: Geboortekenmerken
Tabel: 128 MRIJ - Holstein Friesian roodbont, basis R: Vleeskenmerken
Tabel: 129 MRIJ - Holstein Friesian roodbont, basis R: Kalvervitaliteit
Tabel: 130 MRIJ - Holstein Friesian roodbont, basis R: Levensproductiekenmerken
Tabel: 131 MRIJ - Holstein Friesian roodbont, basis R: Robot / AMS kenmerken
Tabel: 132 MRIJ - Holstein Friesian roodbont, basis R: Overige productie en efficiency kenm.
Tabel: 133 MRIJ - Holstein Friesian roodbont, basis R: Stofwisselingsaandoeningen
Tabel: 134 MRIJ - Holstein Friesian roodbont, basis R: Reproductiestoornissen
Tabel: 135 MRIJ - Holstein Friesian roodbont, basis Y: Melkproductiekenmerken
Tabel: 136 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken bouw
Tabel: 137 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken beenwerk
Tabel: 138 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken uier
Tabel: 139 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken bovenbalk
Tabel: 140 MRIJ - Holstein Friesian roodbont, basis Y: Vruchtbaarheidskenmerken
Tabel: 141 MRIJ - Holstein Friesian roodbont, basis Y: Gebruikskenmerken
Tabel: 142 MRIJ - Holstein Friesian roodbont, basis Y: NVI met onderliggende kenmerken
Tabel: 143 MRIJ - Holstein Friesian roodbont, basis Y: Klauwgezondheidskenmerken
Tabel: 144 MRIJ - Holstein Friesian roodbont, basis Y: Levensvatbaarheidskenmerken
Tabel: 145 MRIJ - Holstein Friesian roodbont, basis Y: Geboortekenmerken
Tabel: 146 MRIJ - Holstein Friesian roodbont, basis Y: Vleeskenmerken
Tabel: 147 MRIJ - Holstein Friesian roodbont, basis Y: Kalvervitaliteit
Tabel: 148 MRIJ - Holstein Friesian roodbont, basis Y: Levensproductiekenmerken

Tabel: 149 MRIJ - Holstein Friesian roodbont, basis Y: Robot / AMS kenmerken
Tabel: 150 MRIJ - Holstein Friesian roodbont, basis Y: Overige productie en efficiency kenm.
Tabel: 151 MRIJ - Holstein Friesian roodbont, basis Y: Stofwisselingsaandoeningen
Tabel: 152 MRIJ - Holstein Friesian roodbont, basis Y: Reproductiestoornissen
Tabel: 153 Jersey, basis R: Melkproductiekenmerken
Tabel: 154 Jersey, basis R: Exterieurkenmerken bouw
Tabel: 155 Jersey, basis R: Exterieurkenmerken beenwerk
Tabel: 156 Jersey, basis R: Exterieurkenmerken uier
Tabel: 157 Jersey, basis R: Exterieurkenmerken bovenbalk
Tabel: 158 Jersey, basis R: Vruchtbaarheidskenmerken
Tabel: 159 Jersey, basis R: Gebruikskkenmerken
Tabel: 160 Jersey, basis R: NVI met onderliggende kenmerken
Tabel: 161 Jersey, basis R: Klauwgezondheidskenmerken
Tabel: 162 Jersey, basis R: Levensvatbaarheidskenmerken
Tabel: 163 Jersey, basis R: Geboortekenmerken
Tabel: 164 Jersey, basis R: Vleeskenmerken
Tabel: 165 Jersey, basis R: Kalvervitaliteit
Tabel: 166 Jersey, basis R: Levensproductiekenmerken
Tabel: 167 Jersey, basis R: Robot / AMS kenmerken
Tabel: 168 Jersey, basis R: Overige productie en efficiency kenm.
Tabel: 169 Jersey, basis R: Stofwisselingsaandoeningen
Tabel: 170 Jersey, basis R: Reproductiestoornissen
Tabel: 171 Lakenvelder - zwartbont, basis Y: Melkproductiekenmerken
Tabel: 172 Lakenvelder - zwartbont, basis Y: Vruchtbaarheidskenmerken
Tabel: 173 Lakenvelder - zwartbont, basis Y: NVI met onderliggende kenmerken
Tabel: 174 Lakenvelder - zwartbont, basis Y: Levensvatbaarheidskenmerken
Tabel: 175 Lakenvelder - zwartbont, basis Y: Geboortekenmerken
Tabel: 176 Lakenvelder - zwartbont, basis Y: Vleeskenmerken
Tabel: 177 Lakenvelder - zwartbont, basis Y: Kalvervitaliteit
Tabel: 178 Lakenvelder - zwartbont, basis Y: Levensproductiekenmerken
Tabel: 179 Lakenvelder - zwartbont, basis Y: Overige productie en efficiency kenm.
Tabel: 180 Lakenvelder - roodbont, basis Y: Melkproductiekenmerken
Tabel: 181 Lakenvelder - roodbont, basis Y: Vruchtbaarheidskenmerken
Tabel: 182 Lakenvelder - roodbont, basis Y: NVI met onderliggende kenmerken
Tabel: 183 Lakenvelder - roodbont, basis Y: Levensvatbaarheidskenmerken
Tabel: 184 Lakenvelder - roodbont, basis Y: Geboortekenmerken
Tabel: 185 Lakenvelder - roodbont, basis Y: Vleeskenmerken
Tabel: 186 Lakenvelder - roodbont, basis Y: Kalvervitaliteit
Tabel: 187 Lakenvelder - roodbont, basis Y: Levensproductiekenmerken
Tabel: 188 Lakenvelder - roodbont, basis Y: Overige productie en efficiency kenm.
Tabel: 189 Blaarkop - zwartbont, basis Y: Melkproductiekenmerken
Tabel: 190 Blaarkop - zwartbont, basis Y: Exterieurkenmerken bouw
Tabel: 191 Blaarkop - zwartbont, basis Y: Exterieurkenmerken beenwerk
Tabel: 192 Blaarkop - zwartbont, basis Y: Exterieurkenmerken uier
Tabel: 193 Blaarkop - zwartbont, basis Y: Exterieurkenmerken bovenbalk
Tabel: 194 Blaarkop - zwartbont, basis Y: Vruchtbaarheidskenmerken
Tabel: 195 Blaarkop - zwartbont, basis Y: Gebruikskkenmerken
Tabel: 196 Blaarkop - zwartbont, basis Y: NVI met onderliggende kenmerken
Tabel: 197 Blaarkop - zwartbont, basis Y: Klauwgezondheidskenmerken
Tabel: 198 Blaarkop - zwartbont, basis Y: Levensvatbaarheidskenmerken
Tabel: 199 Blaarkop - zwartbont, basis Y: Geboortekenmerken
Tabel: 200 Blaarkop - zwartbont, basis Y: Vleeskenmerken
Tabel: 201 Blaarkop - zwartbont, basis Y: Kalvervitaliteit
Tabel: 202 Blaarkop - zwartbont, basis Y: Levensproductiekenmerken
Tabel: 203 Blaarkop - zwartbont, basis Y: Robot / AMS kenmerken
Tabel: 204 Blaarkop - zwartbont, basis Y: Overige productie en efficiency kenm.
Tabel: 205 Blaarkop - zwartbont, basis Y: Stofwisselingsaandoeningen
Tabel: 206 Verbeterd Roodbont, basis Y: Melkproductiekenmerken
Tabel: 207 Verbeterd Roodbont, basis Y: Exterieurkenmerken bouw
Tabel: 208 Verbeterd Roodbont, basis Y: Exterieurkenmerken beenwerk

Tabel: 209 Verbeterd Roodbont, basis Y: Exterieurkenmerken uier
Tabel: 210 Verbeterd Roodbont, basis Y: Exterieurkenmerken bovenbalk
Tabel: 211 Verbeterd Roodbont, basis Y: Vruchtbaarheidskenmerken
Tabel: 212 Verbeterd Roodbont, basis Y: Gebruikskenmerken
Tabel: 213 Verbeterd Roodbont, basis Y: NVI met onderliggende kenmerken
Tabel: 214 Verbeterd Roodbont, basis Y: Klauwgezondheidskenmerken
Tabel: 215 Verbeterd Roodbont, basis Y: Levensvatbaarheidskenmerken
Tabel: 216 Verbeterd Roodbont, basis Y: Geboortekenmerken
Tabel: 217 Verbeterd Roodbont, basis Y: Vleeskenmerken
Tabel: 218 Verbeterd Roodbont, basis Y: Kalvervitaliteit
Tabel: 219 Verbeterd Roodbont, basis Y: Levensproductiekenmerken
Tabel: 220 Verbeterd Roodbont, basis Y: Robot / AMS kenmerken
Tabel: 221 Verbeterd Roodbont, basis Y: Overige productie en efficiency kenm.
Tabel: 222 Verbeterd Roodbont, basis Y: Stofwisselingsaandoeningen
Tabel: 223 Verbeterd Roodbont, basis B: Melkproductiekenmerken
Tabel: 224 Verbeterd Roodbont, basis B: Vruchtbaarheidskenmerken
Tabel: 225 Verbeterd Roodbont, basis B: NVI met onderliggende kenmerken
Tabel: 226 Verbeterd Roodbont, basis B: Geboortekenmerken
Tabel: 227 Verbeterd Roodbont, basis B: Vleeskenmerken
Tabel: 228 Verbeterd Roodbont, basis B: Overige productie en efficiency kenm.
Tabel: 229 Verbeterd Roodbont, basis B: Stofwisselingsaandoeningen
Tabel: 230 Belgisch Blauw Mixt, basis Y: Melkproductiekenmerken
Tabel: 231 Belgisch Blauw Mixt, basis Y: Vruchtbaarheidskenmerken
Tabel: 232 Belgisch Blauw Mixt, basis Y: NVI met onderliggende kenmerken
Tabel: 233 Belgisch Blauw Mixt, basis Y: Geboortekenmerken
Tabel: 234 Belgisch Blauw Mixt, basis Y: Vleeskenmerken
Tabel: 235 Belgisch Blauw Mixt, basis Y: Levensproductiekenmerken
Tabel: 236 Belgisch Blauw Mixt, basis Y: Overige productie en efficiency kenm.
Tabel: 237 Belgisch Blauw Mixt, basis Y: Stofwisselingsaandoeningen
Tabel: 238 Witrood, basis Y: Melkproductiekenmerken
Tabel: 239 Witrood, basis Y: Vruchtbaarheidskenmerken
Tabel: 240 Witrood, basis Y: NVI met onderliggende kenmerken
Tabel: 241 Witrood, basis Y: Levensvatbaarheidskenmerken
Tabel: 242 Witrood, basis Y: Geboortekenmerken
Tabel: 243 Witrood, basis Y: Vleeskenmerken
Tabel: 244 Witrood, basis Y: Levensproductiekenmerken
Tabel: 245 Witrood, basis Y: Overige productie en efficiency kenm.
Tabel: 246 Witrood, basis Y: Stofwisselingsaandoeningen
Tabel: 247 Belgisch Blauw, basis B: Vruchtbaarheidskenmerken
Tabel: 248 Belgisch Blauw, basis B: Levensvatbaarheidskenmerken
Tabel: 249 Belgisch Blauw, basis B: Geboortekenmerken
Tabel: 250 Belgisch Blauw, basis B: Vleeskenmerken
Tabel: 251 Belgisch Blauw, basis B: Stofwisselingsaandoeningen
Tabel: 252 Belgisch Blauw, basis B: Reproductiestoornissen
Tabel: 253 Brand rood, basis Y: Melkproductiekenmerken
Tabel: 254 Brand rood, basis Y: Vruchtbaarheidskenmerken
Tabel: 255 Brand rood, basis Y: NVI met onderliggende kenmerken
Tabel: 256 Brand rood, basis Y: Levensvatbaarheidskenmerken
Tabel: 257 Brand rood, basis Y: Geboortekenmerken
Tabel: 258 Brand rood, basis Y: Vleeskenmerken
Tabel: 259 Brand rood, basis Y: Kalvervitaliteit
Tabel: 260 Brand rood, basis Y: Levensproductiekenmerken
Tabel: 261 Brand rood, basis Y: Overige productie en efficiency kenm.
Tabel: 262 Fleck Vieh, basis Y: Melkproductiekenmerken
Tabel: 263 Fleck Vieh, basis Y: Exterieurkenmerken bouw
Tabel: 264 Fleck Vieh, basis Y: Exterieurkenmerken beenwerk
Tabel: 265 Fleck Vieh, basis Y: Exterieurkenmerken uier
Tabel: 266 Fleck Vieh, basis Y: Exterieurkenmerken bovenbalk
Tabel: 267 Fleck Vieh, basis Y: Vruchtbaarheidskenmerken
Tabel: 268 Fleck Vieh, basis Y: Gebruikskenmerken
Tabel: 269 Fleck Vieh, basis Y: NVI met onderliggende kenmerken

Tabel: 270 Fleck Vieh, basis Y: Klauwgezondheidskenmerken
Tabel: 271 Fleck Vieh, basis Y: Levensvatbaarheidskenmerken
Tabel: 272 Fleck Vieh, basis Y: Geboortekenmerken
Tabel: 273 Fleck Vieh, basis Y: Vleeskenmerken
Tabel: 274 Fleck Vieh, basis Y: Kalvervitaliteit
Tabel: 275 Fleck Vieh, basis Y: Levensproductiekenmerken
Tabel: 276 Fleck Vieh, basis Y: Robot / AMS kenmerken
Tabel: 277 Fleck Vieh, basis Y: Overige productie en efficiency kenm.
Tabel: 278 Fleck Vieh, basis Y: Stofwisselingsaandoeningen
Tabel: 279 Fleck Vieh, basis Y: Reproductiestoornissen
Tabel: 280 Brown Swiss, basis R: Melkproductiekenmerken
Tabel: 281 Brown Swiss, basis R: Exterieurkenmerken bouw
Tabel: 282 Brown Swiss, basis R: Exterieurkenmerken beenwerk
Tabel: 283 Brown Swiss, basis R: Exterieurkenmerken uier
Tabel: 284 Brown Swiss, basis R: Exterieurkenmerken bovenbalk
Tabel: 285 Brown Swiss, basis R: Vruchtbaarheidskenmerken
Tabel: 286 Brown Swiss, basis R: Gebruikskenmerken
Tabel: 287 Brown Swiss, basis R: NVI met onderliggende kenmerken
Tabel: 288 Brown Swiss, basis R: Klauwgezondheidskenmerken
Tabel: 289 Brown Swiss, basis R: Levensvatbaarheidskenmerken
Tabel: 290 Brown Swiss, basis R: Geboortekenmerken
Tabel: 291 Brown Swiss, basis R: Vleeskenmerken
Tabel: 292 Brown Swiss, basis R: Kalvervitaliteit
Tabel: 293 Brown Swiss, basis R: Levensproductiekenmerken
Tabel: 294 Brown Swiss, basis R: Robot / AMS kenmerken
Tabel: 295 Brown Swiss, basis R: Overige productie en efficiency kenm.
Tabel: 296 Brown Swiss, basis R: Stofwisselingsaandoeningen
Tabel: 297 Brown Swiss, basis R: Reproductiestoornissen
Tabel: 298 Zweeds Roodbont, basis R: Melkproductiekenmerken
Tabel: 299 Zweeds Roodbont, basis R: Vruchtbaarheidskenmerken
Tabel: 300 Zweeds Roodbont, basis R: NVI met onderliggende kenmerken
Tabel: 301 Zweeds Roodbont, basis R: Levensvatbaarheidskenmerken
Tabel: 302 Zweeds Roodbont, basis R: Geboortekenmerken
Tabel: 303 Zweeds Roodbont, basis R: Kalvervitaliteit
Tabel: 304 Zweeds Roodbont, basis R: Levensproductiekenmerken
Tabel: 305 Zweeds Roodbont, basis R: Overige productie en efficiency kenm.
Tabel: 306 Zweeds Roodbont, basis R: Stofwisselingsaandoeningen
Tabel: 307 Angler, basis R: Melkproductiekenmerken
Tabel: 308 Angler, basis R: Vruchtbaarheidskenmerken
Tabel: 309 Angler, basis R: NVI met onderliggende kenmerken
Tabel: 310 Angler, basis R: Levensproductiekenmerken
Tabel: 311 Angler, basis R: Overige productie en efficiency kenm.
Tabel: 312 Angler, basis R: Stofwisselingsaandoeningen
Tabel: 313 Montbéliard, basis R: Melkproductiekenmerken
Tabel: 314 Montbéliard, basis R: Exterieurkenmerken bouw
Tabel: 315 Montbéliard, basis R: Exterieurkenmerken beenwerk
Tabel: 316 Montbéliard, basis R: Exterieurkenmerken uier
Tabel: 317 Montbéliard, basis R: Exterieurkenmerken bovenbalk
Tabel: 318 Montbéliard, basis R: Vruchtbaarheidskenmerken
Tabel: 319 Montbéliard, basis R: Gebruikskenmerken
Tabel: 320 Montbéliard, basis R: NVI met onderliggende kenmerken
Tabel: 321 Montbéliard, basis R: Klauwgezondheidskenmerken
Tabel: 322 Montbéliard, basis R: Levensvatbaarheidskenmerken
Tabel: 323 Montbéliard, basis R: Geboortekenmerken
Tabel: 324 Montbéliard, basis R: Vleeskenmerken
Tabel: 325 Montbéliard, basis R: Kalvervitaliteit
Tabel: 326 Montbéliard, basis R: Levensproductiekenmerken
Tabel: 327 Montbéliard, basis R: Robot / AMS kenmerken
Tabel: 328 Montbéliard, basis R: Overige productie en efficiency kenm.
Tabel: 329 Montbéliard, basis R: Stofwisselingsaandoeningen
Tabel: 330 Montbéliard, basis R: Reproductiestoornissen

Tabel: 331 Piemontese, basis Y: Vruchtbaarheidskenmerken
 Tabel: 332 Piemontese, basis Y: Geboortekenmerken
 Tabel: 333 Piemontese, basis Y: Vleeskenmerken
 Tabel: 334 Blonde d'Aquitaine, basis Y: Vruchtbaarheidskenmerken
 Tabel: 335 Blonde d'Aquitaine, basis Y: Geboortekenmerken
 Tabel: 336 Blonde d'Aquitaine, basis Y: Vleeskenmerken
 Tabel: 337 Blonde d'Aquitaine, basis Y: Reproductiestoornissen
 Tabel: 338 KRB, basis Y: Stofwisselingsaandoeningen

Genetische trend van koeien in Nederland

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	2667	-2602.7	-87.4	-93.6	-118.4	38.0	-4.3	0.8	-602.6
1981	3258	-2509.0	-84.7	-91.5	-114.1	35.4	-6.1	0.7	-587.4
1982	3647	-2426.3	-80.4	-88.5	-110.3	36.4	-5.8	0.7	-564.8
1983	5294	-2360.4	-76.4	-87.0	-107.3	37.7	-7.0	0.7	-549.3
1984	8116	-2345.6	-74.2	-86.1	-106.6	40.2	-6.4	0.7	-541.0
1985	12763	-2367.6	-72.9	-85.1	-107.6	43.8	-3.6	0.7	-534.4
1986	20491	-2348.6	-70.8	-82.8	-106.8	46.0	-0.9	0.7	-520.3
1987	34819	-2271.1	-68.5	-79.8	-103.2	44.0	-0.4	0.7	-502.0
1988	62464	-2194.1	-65.7	-76.9	-99.7	42.9	0.0	0.7	-483.3
1989	92202	-2107.7	-61.6	-74.1	-95.8	43.0	-0.4	0.7	-462.0
1990	118729	-2006.9	-59.9	-71.3	-91.2	38.7	-1.3	0.7	-445.4
1991	132132	-1834.9	-54.9	-65.4	-83.3	34.4	-1.4	0.7	-408.5
1992	153664	-1688.6	-52.5	-61.4	-76.6	28.2	-2.9	0.7	-384.9
1993	182918	-1602.6	-50.6	-58.4	-72.7	25.5	-2.8	0.6	-367.3
1994	197576	-1481.4	-48.5	-54.7	-67.2	21.0	-3.5	0.6	-346.2
1995	235190	-1338.1	-43.0	-49.5	-60.6	19.8	-3.3	0.6	-311.6
1996	238096	-1235.7	-40.5	-45.8	-56.0	17.0	-3.0	0.6	-289.9
1997	237915	-1176.1	-36.8	-43.0	-53.2	18.4	-2.0	0.6	-269.9
1998	246485	-1108.5	-34.5	-40.4	-50.2	17.6	-1.7	0.6	-253.3
1999	250990	-1080.7	-31.8	-38.5	-48.9	19.5	-0.4	0.6	-239.3
2000	241951	-942.8	-29.0	-34.8	-42.9	15.6	-1.7	0.2	-216.3
2001	245882	-906.2	-27.7	-33.1	-43.1	15.0	-1.2	-2.0	-206.8
2002	230824	-794.6	-27.3	-30.5	-38.5	9.5	-2.8	-2.7	-194.0
2003	230933	-767.3	-24.9	-29.6	-38.1	10.9	-2.9	-3.7	-185.1
2004	233535	-686.7	-22.4	-26.3	-33.9	9.6	-2.3	-3.1	-165.2
2005	232032	-642.3	-21.4	-24.7	-31.7	8.3	-2.1	-2.8	-155.7
2006	248305	-546.8	-20.3	-21.2	-26.4	4.8	-1.9	-1.7	-137.3
2007	238506	-467.3	-19.0	-18.5	-22.4	2.3	-2.0	-1.3	-122.4
2008	248910	-427.1	-18.1	-17.0	-20.5	1.3	-2.0	-1.1	-114.1
2009	242857	-374.7	-16.5	-15.0	-17.9	0.5	-1.7	-0.9	-101.7
2010	238428	-329.4	-13.8	-12.8	-15.7	1.4	-1.0	-0.7	-86.2
2011	239426	-272.8	-11.2	-10.4	-12.3	1.7	-0.5	0.1	-70.0
2012	243084	-241.5	-10.1	-8.8	-11.0	1.4	0.2	0.0	-60.4
2013	256421	-197.1	-7.8	-6.7	-9.0	1.8	0.8	0.0	-46.5
2014	254207	-109.6	-4.6	-3.8	-5.2	1.2	0.7	-0.3	-26.8
2015	232818	-20.7	-0.3	-0.4	-1.1	1.8	1.1	-0.2	-2.4
2016	210343	71.9	4.6	3.7	3.1	3.0	2.0	-0.2	26.0
2017	191758	176.4	9.2	7.6	8.4	3.1	2.2	0.3	52.9
2018	185865	277.5	13.8	11.7	13.1	3.4	2.9	0.4	81.1
2019	174433	302.8	18.7	14.7	14.0	7.4	5.1	0.2	104.0
2020	14804	358.4	22.0	17.4	16.7	8.2	5.8	0.3	122.6

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	2801	87.9	94.6	87.6	86.9	104.8	98.1	95.2
1981	3311	88.5	95.2	88.9	88.1	104.7	97.8	95.7
1982	3753	89.2	95.5	90.1	89.2	104.1	97.0	95.4
1983	5719	89.2	95.8	90.2	89.6	103.8	96.8	95.5
1984	8231	89.1	96.1	90.7	90.1	103.8	96.7	95.7
1985	12198	89.1	96.2	90.9	90.3	103.6	96.5	95.7
1986	18012	89.2	96.5	91.2	90.6	103.5	96.0	95.5
1987	27396	89.5	96.4	91.8	91.1	102.9	96.1	96.4
1988	41773	89.7	96.6	92.4	91.6	102.5	96.1	96.8
1989	57217	90.1	96.4	92.7	91.8	102.0	96.5	96.9
1990	73289	90.4	95.9	92.9	92.0	101.4	97.0	96.8
1991	82634	91.0	96.7	93.3	92.5	101.1	97.0	96.7
1992	98238	91.5	97.1	93.9	93.0	100.8	97.2	96.9
1993	110899	91.6	96.7	93.7	92.8	100.4	97.2	97.0
1994	116807	91.9	96.5	94.2	93.4	99.8	97.7	97.4
1995	138245	92.0	96.1	94.1	93.5	99.5	97.4	96.6
1996	139829	92.3	96.6	94.5	94.0	99.4	97.5	96.4
1997	139371	92.8	96.6	94.9	94.5	99.1	97.9	96.5
1998	143252	93.0	96.8	95.1	94.6	99.1	97.7	96.5
1999	144887	93.3	96.8	95.4	95.0	98.9	98.2	96.7
2000	141430	94.0	96.9	95.9	95.4	98.5	98.7	97.3
2001	141204	94.2	96.7	95.8	95.6	98.5	98.5	97.2
2002	134244	94.5	96.7	96.2	96.1	98.2	98.9	97.2
2003	136072	95.0	97.0	96.7	96.6	98.0	99.0	97.6
2004	137945	95.3	97.1	96.7	96.6	98.0	99.4	97.6
2005	135417	96.0	97.3	97.1	97.0	97.8	99.7	97.9
2006	139279	96.5	98.0	97.7	97.2	98.4	99.8	98.5
2007	130123	96.9	98.4	98.1	97.6	98.5	100.0	98.9
2008	132856	97.1	98.6	98.3	97.7	98.7	100.0	99.4
2009	131404	97.4	98.7	98.4	97.8	99.0	99.9	99.4
2010	128678	97.6	98.9	98.6	98.0	99.2	99.7	99.5
2011	125808	98.0	99.4	98.9	98.2	99.8	99.5	99.5
2012	123377	98.6	99.6	99.1	98.6	99.9	99.6	99.6
2013	125263	98.9	99.6	99.3	99.0	99.8	99.6	99.7
2014	120984	99.6	99.9	99.7	99.6	99.8	100.1	99.8
2015	108906	99.8	100.0	99.9	99.9	100.1	100.0	99.9
2016	98191	100.0	100.2	100.0	100.1	100.3	99.8	100.1
2017	87502	100.8	100.5	100.3	100.4	100.4	99.7	100.5
2018	81688	101.3	100.7	100.6	101.1	100.2	100.0	100.6
2019	56562	101.5	100.7	100.9	101.4	100.0	100.3	100.7
2020	1643	101.6	101.0	101.1	101.9	100.1	100.9	101.1

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	2801	91.1	102.7	97.6	95.1	88.8
1981	3311	92.4	102.0	97.7	95.4	89.8
1982	3753	93.0	102.5	97.2	95.8	90.5

1983	5719	93.4	102.8	97.0	96.5	91.0
1984	8231	93.3	102.8	97.1	96.9	90.8
1985	12198	93.5	102.7	97.1	97.1	91.0
1986	18012	93.8	102.6	97.0	97.3	91.4
1987	27396	94.1	103.0	96.7	97.0	91.4
1988	41773	94.2	103.5	96.3	96.9	91.4
1989	57217	94.5	103.5	96.5	97.0	91.8
1990	73289	94.2	103.4	96.2	96.9	91.7
1991	82634	94.4	103.6	96.2	97.3	92.5
1992	98238	94.5	103.7	96.0	97.6	92.8
1993	110899	95.0	103.3	96.3	97.5	93.1
1994	116807	95.1	103.1	96.6	97.3	93.3
1995	138245	95.3	103.0	96.7	97.2	94.1
1996	139829	95.3	103.1	96.6	97.6	94.3
1997	139371	95.4	103.1	96.3	97.9	94.7
1998	143252	95.4	103.2	96.5	97.9	94.8
1999	144887	95.5	103.4	96.3	97.8	94.9
2000	141430	95.6	103.1	96.4	97.3	95.0
2001	141204	95.9	102.6	96.7	97.4	95.4
2002	134244	96.0	102.4	96.8	97.5	95.8
2003	136072	96.6	102.9	96.6	98.2	96.2
2004	137945	96.7	102.4	97.4	98.3	96.4
2005	135417	97.2	102.5	97.6	98.0	96.8
2006	139279	97.2	101.7	98.3	97.6	97.0
2007	130123	97.5	101.2	98.6	97.8	97.3
2008	132856	97.6	101.1	98.9	97.8	97.5
2009	131404	97.7	100.8	99.2	98.0	97.7
2010	128678	97.9	100.6	99.4	98.4	97.9
2011	125808	98.0	100.2	99.6	98.7	97.9
2012	123377	98.3	100.2	99.7	99.1	98.4
2013	125263	98.6	100.4	99.6	99.3	98.8
2014	120984	99.4	100.3	99.6	99.8	99.5
2015	108906	100.0	100.0	100.0	100.1	100.0
2016	98191	100.8	99.9	100.3	100.6	100.8
2017	87502	101.2	99.7	100.7	100.8	101.2
2018	81688	101.6	99.6	101.1	101.4	101.9
2019	56562	102.1	99.4	101.1	101.8	102.5
2020	1643	102.4	98.9	101.4	102.4	103.0

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	2801	92.0	88.7	100.7	93.9	85.8	90.7	89.6
1981	3311	91.8	88.9	100.8	94.0	86.1	91.0	89.9
1982	3753	92.3	89.4	100.5	94.1	86.6	91.4	90.5
1983	5719	92.4	89.3	100.7	93.9	86.9	91.5	90.2
1984	8231	92.1	89.0	100.7	93.4	87.3	91.4	90.1
1985	12198	92.3	88.6	100.7	93.5	87.8	91.3	89.7
1986	18012	92.2	88.7	100.7	93.4	88.2	91.6	89.8
1987	27396	92.0	89.3	100.4	93.0	88.7	92.3	90.3
1988	41773	92.0	89.7	100.4	92.5	88.8	92.5	90.6
1989	57217	92.3	90.4	100.4	92.9	89.1	93.0	91.1
1990	73289	92.5	90.9	100.0	92.9	89.2	93.5	91.7
1991	82634	92.7	91.1	100.8	93.2	90.4	94.0	92.1
1992	98238	92.8	91.5	101.1	93.2	91.0	94.6	92.7
1993	110899	92.4	91.4	101.0	93.2	91.2	94.9	93.0

1994	116807	92.5	92.1	101.0	93.1	91.4	95.0	93.8
1995	138245	92.6	92.3	101.7	93.1	92.1	95.2	94.1
1996	139829	93.0	92.5	101.5	93.2	92.3	95.5	94.5
1997	139371	93.5	92.5	101.4	93.5	92.8	95.9	94.7
1998	143252	93.6	92.8	101.3	93.6	92.9	95.8	94.9
1999	144887	93.9	93.1	101.3	93.7	93.2	96.0	95.2
2000	141430	93.9	93.9	101.0	93.8	93.6	96.3	95.8
2001	141204	94.1	94.2	101.3	94.1	94.1	96.2	95.8
2002	134244	94.5	94.9	101.2	94.3	94.3	96.2	95.9
2003	136072	95.1	95.2	101.0	94.7	94.7	96.8	96.6
2004	137945	95.5	95.4	101.2	95.1	95.5	97.5	97.3
2005	135417	95.8	96.0	101.1	95.3	95.8	97.8	97.8
2006	139279	96.3	96.8	101.1	95.8	96.1	98.0	98.1
2007	130123	96.6	97.2	101.0	96.1	96.4	98.1	98.3
2008	132856	97.0	97.5	100.7	96.4	96.8	98.6	98.7
2009	131404	97.3	97.4	100.4	96.9	96.9	98.6	98.4
2010	128678	97.6	97.9	100.0	97.3	97.2	98.8	98.7
2011	125808	98.0	98.6	99.6	97.8	97.4	98.9	98.9
2012	123377	98.7	98.9	99.5	98.6	98.0	99.1	99.1
2013	125263	99.0	99.0	99.7	98.9	98.3	99.1	99.3
2014	120984	99.4	99.4	99.9	99.4	99.2	99.5	99.6
2015	108906	99.9	99.9	100.0	99.9	99.8	99.9	99.9
2016	98191	100.4	100.3	100.0	100.3	100.3	99.8	100.0
2017	87502	101.1	100.5	100.1	101.1	100.9	100.0	99.9
2018	81688	102.1	100.9	100.1	102.0	101.9	100.3	100.0
2019	56562	102.7	101.1	100.0	102.5	102.5	100.4	100.0
2020	1643	103.2	101.6	100.0	102.8	103.1	100.8	100.4

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2801	87.0	90.7	87.2	88.6	0.0	81.9
1981	3311	88.2	91.9	87.3	89.7	0.0	83.0
1982	3753	88.9	92.6	87.9	90.3	0.0	84.0
1983	5719	88.8	92.7	88.0	90.7	0.0	84.3
1984	8231	89.0	93.3	87.9	90.5	0.0	84.3
1985	12198	89.0	93.5	88.2	90.7	0.0	84.6
1986	18012	88.9	93.7	88.5	91.1	0.0	84.9
1987	27396	89.8	94.0	88.8	91.1	0.0	85.4
1988	41773	90.4	94.4	88.8	91.0	0.0	85.6
1989	57217	91.1	94.2	89.3	91.4	0.0	86.2
1990	73289	91.6	93.9	89.5	91.2	0.0	86.4
1991	82634	92.2	94.3	90.3	91.8	0.0	87.3
1992	98238	93.0	94.7	90.7	92.1	0.0	88.0
1993	110899	93.0	94.2	90.6	92.5	0.0	88.1
1994	116807	93.8	94.4	90.7	92.7	0.0	88.5
1995	138245	93.5	94.1	91.1	93.4	0.0	89.0
1996	139829	93.9	94.4	91.4	93.5	0.0	89.3
1997	139371	94.6	94.8	92.0	93.9	0.0	90.1
1998	143252	94.7	94.9	92.0	94.0	0.0	90.3
1999	144887	95.3	95.1	92.4	94.0	0.0	90.6
2000	141430	96.3	95.4	92.6	94.1	0.0	91.2
2001	141204	96.3	95.5	92.9	94.5	0.0	91.6
2002	134244	96.7	95.6	93.3	94.9	0.0	92.1
2003	136072	97.4	96.1	93.9	95.4	0.0	93.0
2004	137945	97.6	96.0	94.5	95.7	0.0	93.5

2005	135417	98.2	96.3	94.8	96.1	0.0	94.1
2006	139279	98.9	97.0	95.3	96.4	0.0	94.9
2007	130123	99.4	97.5	95.7	96.7	0.0	95.5
2008	132856	99.7	97.9	96.2	97.0	0.0	96.0
2009	131404	99.8	98.1	96.5	97.2	0.0	96.3
2010	128678	99.9	98.4	96.9	97.4	0.0	96.7
2011	125808	100.1	99.0	97.3	97.4	0.0	97.1
2012	123377	100.4	99.4	98.0	97.9	0.0	97.8
2013	125263	100.5	99.5	98.3	98.3	0.0	98.3
2014	120984	100.9	100.0	99.1	99.0	0.0	99.2
2015	108906	100.9	100.4	99.7	99.5	0.0	100.0
2016	98191	101.0	100.7	100.3	100.4	0.0	100.8
2017	87502	101.1	101.0	101.1	100.8	0.0	101.5
2018	81688	101.3	101.3	102.2	101.5	0.0	102.6
2019	56562	101.5	101.3	102.9	102.0	0.0	103.3
2020	1643	101.9	101.7	103.5	102.5	0.0	104.0

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	4150	104.1	102.5	102.5	102.8	102.0	101.0	88.2	102.7
1981	5030	103.6	102.2	102.2	102.4	101.7	101.5	89.9	102.5
1982	5753	103.2	101.8	101.6	101.7	101.0	101.0	89.7	101.8
1983	8498	103.1	101.6	101.6	101.6	100.9	100.7	90.0	101.8
1984	12438	103.3	101.5	101.6	101.6	101.0	100.7	89.6	101.8
1985	18476	103.4	101.4	101.6	101.6	101.0	100.6	89.2	101.7
1986	28605	103.2	101.2	101.4	101.3	100.8	100.1	89.3	101.5
1987	46974	103.3	101.1	101.2	101.3	100.8	101.3	89.8	101.3
1988	75061	103.3	100.5	100.9	100.7	100.5	101.2	89.9	100.8
1989	107858	103.0	100.1	100.5	100.4	100.1	100.6	90.7	100.4
1990	140761	102.8	100.0	100.5	100.3	100.1	100.5	91.1	100.4
1991	163615	102.4	99.5	99.8	99.6	99.4	100.5	91.6	99.6
1992	187929	102.0	99.4	99.5	99.4	99.2	100.8	92.2	99.4
1993	223639	102.4	98.8	99.4	99.0	99.3	100.8	92.4	99.2
1994	248939	102.0	98.5	99.3	98.7	99.2	100.5	93.0	98.9
1995	283014	101.9	97.8	98.8	98.0	98.8	100.3	93.2	98.3
1996	288871	101.4	97.9	98.6	97.9	98.6	100.1	93.5	98.2
1997	288520	101.0	97.8	98.3	97.7	98.3	99.6	93.8	98.0
1998	299898	100.6	97.7	97.9	97.4	97.9	99.5	94.4	97.6
1999	293074	100.8	97.2	97.8	97.1	97.9	99.5	94.4	97.4
2000	283074	100.3	97.2	97.5	96.8	97.5	99.0	95.0	97.1
2001	285789	100.4	97.2	97.6	96.8	97.6	99.2	95.4	97.2
2002	274120	100.1	97.5	97.7	97.0	97.7	99.3	95.8	97.3
2003	277958	100.4	97.2	97.8	97.0	97.9	99.5	95.9	97.4
2004	276384	100.0	97.2	97.6	96.8	97.7	99.4	96.2	97.2
2005	266753	99.8	97.2	97.5	96.8	97.6	99.4	96.4	97.1
2006	274428	99.2	97.5	97.1	96.8	97.1	98.5	96.9	96.9
2007	274087	99.1	97.5	97.1	96.8	97.1	98.5	97.4	96.9
2008	292957	99.1	97.7	97.3	97.0	97.3	98.6	97.6	97.1
2009	287767	99.5	97.9	97.8	97.4	97.8	99.0	98.1	97.6
2010	275274	99.9	98.0	98.1	97.7	98.2	99.2	98.2	97.9
2011	273109	100.0	98.5	98.5	98.2	98.6	99.1	98.2	98.3
2012	278375	100.0	99.1	99.0	98.8	99.0	99.4	98.5	98.9
2013	290542	100.2	99.4	99.4	99.3	99.5	99.6	98.9	99.4
2014	293516	100.1	99.9	99.8	99.8	99.8	99.8	99.5	99.8
2015	285980	100.0	100.0	100.0	99.9	100.0	100.0	99.8	100.0

2016	258786	100.4	100.2	100.5	100.3	100.6	100.1	100.2	100.5
2017	223906	100.6	100.4	100.9	100.7	101.0	100.2	100.7	100.9
2018	212509	100.6	100.7	101.3	101.1	101.3	100.4	101.0	101.2
2019	201435	100.3	101.0	101.5	101.4	101.5	100.5	101.1	101.5
2020	88029	100.5	101.2	101.8	101.7	101.8	100.6	101.3	101.8

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1683	99.4	82.8	97.3	100.9	104.7
1981	2020	99.5	86.7	96.3	99.8	103.8
1982	2271	99.5	88.7	96.2	99.7	103.4
1983	3120	99.7	91.3	95.9	99.7	103.4
1984	4525	99.7	92.1	95.8	99.6	103.3
1985	6350	99.9	93.5	95.7	99.5	103.3
1986	9673	100.0	94.5	95.5	99.3	103.0
1987	15390	100.0	95.2	95.2	99.0	102.5
1988	24307	99.9	95.5	94.9	98.6	102.0
1989	36677	100.3	95.6	94.6	98.1	101.4
1990	50869	100.3	95.6	94.5	98.0	101.2
1991	67680	100.0	94.6	94.0	97.2	100.3
1992	97102	99.7	95.1	94.0	97.0	100.2
1993	109209	99.6	95.5	94.2	97.2	100.1
1994	115208	99.8	96.2	94.1	96.9	99.8
1995	135635	99.9	95.7	93.8	96.4	99.1
1996	136515	100.0	95.5	94.0	96.6	98.8
1997	135720	99.7	95.5	94.4	96.9	98.9
1998	139195	99.7	95.3	94.2	96.4	98.3
1999	139755	99.6	95.8	94.4	96.4	98.3
2000	137245	99.7	96.3	94.6	96.4	98.1
2001	137289	99.9	96.8	94.5	96.1	97.7
2002	130392	100.0	96.9	94.6	96.1	97.3
2003	132018	100.1	97.2	94.9	96.3	97.6
2004	133588	99.7	96.8	95.2	96.5	97.8
2005	129789	99.8	97.4	95.2	96.2	97.6
2006	133076	100.1	97.9	95.7	96.7	98.0
2007	123774	100.2	98.4	95.8	96.7	97.9
2008	126040	100.3	98.8	96.1	96.8	98.0
2009	124503	100.2	98.6	96.4	97.1	98.2
2010	121717	100.4	98.9	96.7	97.2	98.2
2011	119014	100.6	99.2	97.4	97.8	98.5
2012	116650	100.6	99.2	97.9	98.2	98.8
2013	117705	100.6	99.4	98.4	98.6	99.0
2014	113059	100.4	99.6	99.2	99.3	99.5
2015	101407	100.0	100.0	99.9	99.9	100.0
2016	90024	99.8	100.3	100.6	100.5	100.3
2017	79864	99.4	100.5	101.4	101.2	100.7
2018	73874	100.1	100.9	102.0	101.6	100.8
2019	51133	100.2	101.4	102.6	101.9	101.0
2020	1472	100.2	101.8	103.0	102.0	101.1

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	2667	-257.1	-602.6	-269.3	103.4	102.7	87.2	88.6	97.2	102.0
1981	3258	-257.4	-587.4	-275.3	102.3	102.5	87.3	89.7	97.4	95.1
1982	3647	-254.9	-564.8	-292.8	102.0	101.8	87.9	90.3	97.5	105.3
1983	5294	-252.1	-549.3	-325.1	102.1	101.8	88.0	90.7	97.9	96.6
1984	8116	-257.3	-541.0	-408.5	101.9	101.8	87.9	90.5	97.8	92.8
1985	12763	-215.3	-534.4	-465.4	101.9	101.7	88.2	90.7	97.8	128.3
1986	20491	-220.6	-520.3	-513.7	101.6	101.5	88.5	91.1	97.5	117.8
1987	34819	-225.6	-502.0	-562.2	101.1	101.3	88.8	91.1	97.4	102.2
1988	62464	-230.6	-483.3	-593.7	100.6	100.8	88.8	91.0	97.4	89.3
1989	92202	-228.0	-462.0	-591.3	100.0	100.4	89.3	91.4	97.3	85.9
1990	118729	-222.2	-445.4	-574.5	99.8	100.4	89.5	91.2	97.4	86.1
1991	132132	-216.1	-408.5	-544.8	98.8	99.6	90.3	91.8	97.5	79.7
1992	153664	-209.6	-384.9	-517.6	98.7	99.4	90.7	92.1	97.5	73.7
1993	182918	-204.2	-367.3	-508.9	98.7	99.2	90.6	92.5	97.9	75.1
1994	197576	-199.0	-346.2	-492.6	98.4	98.9	90.7	92.7	98.0	73.7
1995	235190	-188.2	-311.6	-431.0	97.7	98.3	91.1	93.4	97.9	74.5
1996	238096	-179.1	-289.9	-395.1	97.6	98.2	91.4	93.5	97.9	70.9
1997	237915	-170.9	-269.9	-383.0	97.8	98.0	92.0	93.9	97.7	69.2
1998	246485	-172.1	-253.3	-389.1	97.2	97.6	92.0	94.0	97.6	65.9
1999	250990	-169.9	-239.3	-388.6	97.2	97.4	92.4	94.0	97.2	64.3
2000	241951	-161.4	-216.3	-363.1	97.1	97.1	92.6	94.1	97.5	59.8
2001	245882	-157.1	-206.8	-346.4	96.7	97.2	92.9	94.5	97.4	58.7
2002	230824	-149.5	-194.0	-321.4	96.4	97.3	93.3	94.9	97.5	56.2
2003	230933	-143.5	-185.1	-317.2	96.7	97.4	93.9	95.4	97.6	52.4
2004	233535	-133.0	-165.2	-289.7	96.9	97.2	94.5	95.7	97.8	49.6
2005	232032	-130.1	-155.7	-283.9	96.7	97.1	94.8	96.1	97.9	46.4
2006	248305	-120.8	-137.3	-265.9	97.1	96.9	95.3	96.4	98.1	37.5
2007	238506	-114.4	-122.4	-242.6	97.1	96.9	95.7	96.7	97.8	32.1
2008	248910	-107.9	-114.1	-228.7	97.2	97.1	96.2	97.0	98.0	28.3
2009	242857	-95.9	-101.7	-198.8	97.4	97.6	96.5	97.2	98.1	24.7
2010	238428	-86.3	-86.2	-182.5	97.6	97.9	96.9	97.4	98.2	21.1
2011	239426	-71.4	-70.0	-144.5	98.0	98.3	97.3	97.4	98.5	15.0
2012	243084	-57.4	-60.4	-114.5	98.4	98.9	98.0	97.9	98.7	11.2
2013	256421	-42.9	-46.5	-82.1	98.7	99.4	98.3	98.3	99.1	9.5
2014	254207	-22.0	-26.8	-42.6	99.4	99.8	99.1	99.0	99.6	5.3
2015	232818	-3.7	-2.4	-6.7	100.0	100.0	99.7	99.5	99.8	1.0
2016	210343	19.4	26.0	42.0	100.4	100.5	100.3	100.4	100.4	-3.0
2017	191758	41.9	52.9	98.2	101.0	100.9	101.1	100.8	100.9	-7.1
2018	185865	65.1	81.1	158.7	101.3	101.2	102.2	101.5	101.4	-10.8
2019	174433	82.1	104.0	190.7	101.5	101.5	102.9	102.0	101.7	-14.3
2020	14804	94.4	122.6	198.2	101.7	101.8	103.5	102.5	102.1	-14.4

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	148	94.6	96.0	98.4	96.7	93.8	97.3	96.0
1981	279	94.8	96.6	98.2	96.1	94.8	97.2	96.3
1982	390	94.6	96.2	98.2	96.1	94.6	97.4	95.9
1983	462	95.2	96.2	98.6	97.6	95.0	97.9	95.7
1984	701	95.4	95.7	99.1	98.2	94.2	98.0	95.5
1985	1064	95.9	96.3	99.2	98.5	95.1	98.7	95.7
1986	2141	95.8	96.2	99.1	98.2	95.0	98.7	95.8
1987	4347	95.4	95.8	99.1	97.9	94.6	98.5	95.4

1988	8137	95.5	95.6	99.5	98.6	94.1	98.5	94.8
1989	13735	96.2	95.6	100.3	99.5	94.0	99.1	94.6
1990	21655	96.5	95.3	100.8	100.0	94.0	98.9	94.4
1991	25823	97.3	95.8	101.0	100.5	94.5	99.1	95.3
1992	33098	97.4	95.9	101.1	100.4	94.3	99.1	95.5
1993	42839	96.5	95.6	100.5	99.5	93.9	98.7	95.3
1994	47983	96.4	95.5	100.7	98.9	94.2	98.7	95.0
1995	92293	96.6	96.4	100.4	98.5	95.1	98.2	95.5
1996	74364	96.8	96.8	100.4	98.6	95.4	98.2	95.6
1997	105459	96.8	96.9	100.4	98.5	95.3	97.9	95.6
1998	131051	96.6	96.5	100.5	98.7	95.1	97.8	95.3
1999	135931	96.4	96.6	100.3	98.5	94.8	97.8	95.3
2000	133899	96.7	97.1	100.3	98.3	95.2	97.8	95.5
2001	134842	96.8	97.3	100.2	98.2	95.4	98.1	95.7
2002	130454	96.9	97.7	100.2	98.3	95.5	98.2	95.8
2003	134992	96.8	97.5	99.9	98.5	95.5	98.0	95.9
2004	138223	96.8	97.2	99.9	98.6	95.7	98.1	96.0
2005	135348	96.9	97.0	100.0	98.7	95.8	98.4	96.0
2006	139937	97.2	97.7	99.9	98.8	96.3	98.7	96.3
2007	132106	97.4	98.2	99.6	98.8	96.9	98.7	96.8
2008	135472	97.4	98.4	99.4	98.7	97.1	98.7	97.1
2009	135174	97.8	98.5	99.5	98.7	97.5	98.8	97.6
2010	132044	97.8	98.6	99.3	98.7	97.9	98.7	97.8
2011	129450	98.3	99.1	99.4	99.1	98.5	98.7	98.4
2012	127543	98.8	99.4	99.6	99.5	99.0	98.9	98.9
2013	130430	99.0	99.3	99.7	99.5	99.1	99.2	99.1
2014	126680	99.6	99.7	100.0	99.9	99.5	99.8	99.5
2015	114243	100.0	100.0	100.0	100.1	100.0	100.0	100.0
2016	103021	100.4	100.1	100.1	100.3	100.5	100.5	100.3
2017	91956	100.7	100.3	100.2	100.4	100.9	100.9	100.6
2018	85528	101.4	100.6	100.6	100.7	101.3	101.6	101.2
2019	58963	101.9	100.8	100.9	100.9	101.7	101.9	101.6
2020	1669	102.1	100.8	101.0	100.9	101.8	102.1	102.0

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1469	97.1	98.8	97.1	98.8	94.3	99.5
1981	1885	97.0	99.1	97.0	99.1	94.2	99.8
1982	2340	96.5	99.7	96.5	99.7	93.5	100.0
1983	3602	97.0	99.8	97.0	99.8	93.8	100.3
1984	5606	96.8	99.8	96.8	99.8	93.7	100.2
1985	8679	96.7	99.9	96.7	99.9	93.7	100.3
1986	13978	96.6	99.7	96.6	99.7	93.6	100.2
1987	23779	96.1	99.8	96.1	99.8	93.4	100.4
1988	40408	96.1	99.8	96.1	99.8	93.5	100.4
1989	63191	96.3	99.7	96.3	99.7	93.9	100.3
1990	94891	96.6	99.6	96.6	99.6	94.3	100.1
1991	124895	96.8	99.7	96.8	99.7	94.6	100.2
1992	150517	96.8	99.7	96.8	99.7	94.8	100.2
1993	218494	97.5	99.8	97.5	99.8	95.2	100.6
1994	281489	97.8	99.6	97.8	99.6	95.5	100.4
1995	316400	98.2	99.2	98.2	99.2	95.8	99.9
1996	326591	98.2	99.1	98.2	99.1	95.9	99.9
1997	335364	97.9	99.0	97.9	99.0	95.5	99.7
1998	350648	98.2	98.7	98.2	98.7	96.0	99.2

1999	354775	97.7	98.5	97.7	98.5	95.5	99.1
2000	347819	97.8	98.8	97.8	98.8	95.7	99.4
2001	341792	98.0	98.6	98.0	98.6	95.9	99.5
2002	335377	98.6	98.4	98.6	98.4	96.8	99.5
2003	335469	98.4	98.6	98.4	98.6	96.9	99.3
2004	332280	98.6	98.5	98.6	98.5	97.1	99.3
2005	311992	98.7	98.6	98.7	98.6	97.1	99.5
2006	311499	98.9	98.7	98.9	98.7	97.4	99.3
2007	309357	98.7	98.5	98.7	98.5	97.4	99.2
2008	336877	98.5	98.8	98.5	98.8	97.7	99.2
2009	338713	98.5	99.0	98.5	99.0	98.0	99.4
2010	322714	98.6	99.0	98.6	99.0	98.4	99.2
2011	312067	98.8	99.1	98.8	99.1	99.1	99.1
2012	316736	99.1	99.1	99.1	99.1	99.5	99.2
2013	329060	99.2	99.5	99.2	99.5	99.8	99.5
2014	338229	99.8	99.7	99.8	99.7	100.4	99.8
2015	346729	99.9	99.9	99.9	99.9	100.4	99.9
2016	338705	100.3	100.3	100.3	100.3	100.7	100.4
2017	295364	100.5	100.7	100.5	100.7	100.9	100.7
2018	281071	100.7	101.2	100.7	101.2	101.2	101.0
2019	261856	100.8	101.5	100.8	101.5	101.4	101.3
2020	258429	101.0	101.8	101.0	101.8	101.4	101.5
2021	259229	101.2	101.9	101.2	101.9	101.5	101.4
2022	30109	101.4	102.0	101.4	102.0	101.6	101.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1732	96.4	105.2	103.0	80.4	82.5	82.6
1981	2131	96.5	104.9	102.9	83.7	85.8	86.1
1982	2396	95.7	105.2	103.8	86.2	88.1	89.0
1983	3845	96.0	105.3	103.5	89.7	91.4	92.5
1984	5651	96.2	105.1	103.1	90.6	93.2	94.5
1985	8043	96.8	104.9	102.3	92.8	96.1	96.9
1986	12735	96.7	104.9	102.3	93.9	97.6	98.3
1987	20061	97.1	104.5	101.6	94.8	98.4	99.3
1988	32202	97.2	104.3	101.6	95.1	98.7	99.7
1989	45279	97.3	103.7	101.4	95.0	98.6	99.5
1990	60320	97.6	103.3	101.2	94.9	98.7	99.5
1991	75180	97.4	102.6	101.4	95.0	98.5	99.5
1992	89145	97.3	102.4	101.6	95.3	98.7	99.8
1993	100620	97.5	102.6	101.5	95.4	98.7	99.9
1994	112644	97.3	103.1	101.9	95.6	98.6	99.9
1995	133590	97.2	102.8	102.4	95.3	98.4	99.6
1996	136948	97.3	102.6	102.4	95.1	98.4	99.5
1997	134100	97.5	102.4	102.2	95.1	98.2	99.2
1998	139713	97.4	102.4	102.4	94.9	98.3	99.4
1999	143234	97.0	102.3	102.9	95.0	98.5	99.5
2000	143490	97.0	102.5	103.0	95.4	98.5	99.6
2001	146263	96.9	102.6	103.2	95.4	98.4	99.4
2002	141774	97.3	102.3	102.8	95.3	98.4	99.4
2003	149549	97.5	102.2	102.4	95.6	98.3	99.4
2004	158446	97.3	102.3	102.7	95.9	98.1	99.7
2005	164497	97.2	102.1	102.8	96.5	98.3	99.7
2006	176928	97.5	101.8	102.4	96.9	98.3	100.0
2007	196811	97.7	101.5	102.2	97.2	98.5	99.9

2008	216960	97.6	101.4	102.4	97.5	98.6	100.0
2009	234086	97.6	101.3	102.4	97.8	98.6	100.1
2010	228089	97.8	101.2	102.3	97.9	98.7	100.0
2011	225520	98.3	100.9	101.7	98.4	98.8	99.8
2012	225538	98.6	100.8	101.3	98.9	99.1	99.8
2013	241657	98.9	100.6	101.1	99.2	99.4	99.8
2014	251530	99.1	100.4	101.0	99.6	99.6	99.8
2015	245723	99.2	100.5	100.9	99.9	99.8	99.8
2016	228550	99.3	100.3	100.8	100.4	99.9	99.7
2017	194097	99.5	100.0	100.6	101.0	100.2	99.7
2018	176845	100.0	99.7	100.0	101.4	100.7	99.7
2019	146764	100.2	99.2	99.7	101.7	101.0	99.8
2020	112646	100.2	99.2	99.7	101.8	101.1	99.7
2021	105147	100.5	98.9	99.4	102.1	101.2	99.6
2022	14348	100.8	98.6	99.0	102.2	101.2	99.5

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	1787	104.2	110.3	94.7	101.7	107.4	96.6	103.8	98.2	108.1	98.6	101.8
1981	2239	104.1	109.5	95.3	101.6	107.0	97.2	103.6	98.5	107.8	98.5	102.2
1982	2595	103.8	108.6	95.9	101.1	106.2	96.8	103.4	98.8	106.9	98.4	101.8
1983	3801	104.1	109.1	95.6	101.3	106.7	96.8	103.6	98.8	107.4	98.3	102.1
1984	5705	103.9	109.1	95.7	101.4	106.5	97.1	103.5	98.4	107.2	98.4	102.4
1985	8420	103.6	109.2	95.8	101.4	106.2	97.3	103.3	98.3	107.2	98.4	102.6
1986	13199	103.6	108.7	96.1	101.2	106.1	97.4	103.3	98.4	106.9	98.4	102.6
1987	21425	103.5	108.4	96.9	100.8	106.3	97.5	103.1	98.4	106.6	98.6	102.1
1988	35542	103.2	107.6	97.2	100.5	105.9	97.6	102.8	98.6	106.3	98.3	102.0
1989	54241	103.0	106.9	97.6	100.2	105.5	97.5	102.7	98.5	105.8	98.3	101.7
1990	80011	102.9	106.2	97.7	99.8	105.6	97.2	102.7	98.6	105.4	98.2	101.1
1991	101864	102.7	105.7	98.6	100.2	104.6	97.9	102.6	98.8	104.8	98.7	101.5
1992	134640	102.5	105.1	98.9	100.2	104.0	98.2	102.4	98.9	104.4	99.0	101.6
1993	164830	102.4	104.8	99.2	100.0	103.7	98.5	102.2	99.1	104.3	99.0	101.5
1994	183881	102.2	103.9	99.5	99.4	103.5	98.4	101.9	99.5	103.9	98.9	101.2
1995	223462	101.7	103.6	99.5	99.3	102.9	98.8	101.3	99.7	103.8	98.9	101.0
1996	241157	101.4	103.1	99.6	99.2	102.7	98.6	101.2	99.4	103.4	98.8	100.7
1997	260617	101.4	102.7	99.9	99.1	102.5	98.6	101.1	99.6	103.2	99.1	100.5
1998	259379	101.5	102.4	100.2	99.2	102.5	98.6	101.1	100.0	103.1	99.0	100.6
1999	277176	101.3	102.2	100.4	99.3	102.0	98.9	100.9	100.1	102.8	99.3	100.6
2000	257628	101.1	101.8	100.3	99.3	101.7	99.3	100.6	100.2	102.5	99.3	100.7
2001	258847	100.8	101.8	100.2	99.3	101.4	99.6	100.3	100.3	102.3	99.4	100.7
2002	261798	100.6	101.4	100.4	99.2	101.3	99.7	100.1	100.3	102.1	99.4	100.5
2003	256876	100.5	100.9	100.5	99.1	100.9	99.7	100.1	100.3	101.7	99.6	100.4
2004	258997	100.7	100.8	100.4	99.2	101.0	99.6	100.3	100.3	101.6	99.4	100.4
2005	246612	100.5	100.5	100.6	99.2	100.7	100.1	100.2	100.4	101.3	99.8	100.3
2006	253642	100.3	100.5	100.5	99.7	100.5	100.2	100.0	100.3	101.1	99.9	100.2
2007	233282	100.1	100.3	100.4	99.7	100.2	100.3	99.9	100.3	100.8	99.9	100.2
2008	233883	100.1	100.2	100.4	99.8	100.1	100.3	99.8	100.2	100.7	100.0	100.3
2009	225577	99.9	100.3	100.1	99.9	99.8	100.4	99.8	100.1	100.6	100.1	100.2
2010	200409	100.1	100.3	99.8	99.9	100.0	100.0	100.1	100.1	100.6	99.7	100.3
2011	171931	100.3	100.3	99.6	100.1	100.2	99.6	100.4	99.7	100.6	99.4	100.3
2012	144269	100.3	100.1	99.7	100.1	100.2	99.4	100.7	99.5	100.4	99.5	100.1
2013	137851	100.1	99.6	100.0	99.7	99.9	99.5	100.6	99.2	100.1	99.6	99.9
2014	127302	100.1	99.2	100.3	99.7	99.8	99.5	100.9	98.7	99.6	99.9	99.9
2015	111236	100.2	99.0	100.4	99.6	99.8	99.4	101.1	98.6	99.5	100.0	99.9
2016	99038	100.2	98.8	100.3	99.5	99.7	99.2	101.2	98.6	99.3	100.0	100.1

2017	86939	100.4	98.6	100.4	99.7	99.6	99.3	101.5	98.6	99.2	100.2	100.3
2018	80431	100.4	98.1	100.7	99.8	99.4	99.3	101.7	98.5	98.7	100.3	100.4
2019	55234	100.4	97.7	101.0	99.6	99.2	99.4	101.8	98.5	98.4	100.4	100.3
2020	1458	100.7	97.5	101.1	99.7	99.2	99.2	102.1	98.7	98.3	100.3	100.6

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1409	98.5	100.0	99.2
1981	1805	99.1	100.3	99.4
1982	2234	98.6	100.0	98.9
1983	3470	99.0	100.3	99.1
1984	5478	98.8	100.1	98.8
1985	8526	98.7	100.0	98.6
1986	13721	98.4	99.8	98.5
1987	23417	98.6	99.9	98.7
1988	39865	98.7	100.0	98.8
1989	62357	98.5	99.8	98.7
1990	93672	98.5	99.9	98.9
1991	121880	98.7	100.1	98.7
1992	147862	98.8	100.3	98.8
1993	226539	99.1	100.6	98.9
1994	302947	99.2	100.5	99.2
1995	339912	99.6	100.7	99.4
1996	350287	99.7	100.7	99.3
1997	361878	99.8	100.6	99.6
1998	376447	99.9	100.6	99.8
1999	375412	99.8	100.4	99.8
2000	365953	99.9	100.4	99.9
2001	357971	99.9	100.4	100.1
2002	352537	99.9	100.3	100.1
2003	351898	99.9	100.2	100.2
2004	346346	100.3	100.6	100.3
2005	322612	100.2	100.4	100.4
2006	319669	99.9	100.0	100.4
2007	317659	99.7	99.8	100.3
2008	345176	99.7	99.8	100.1
2009	346521	99.7	99.8	100.1
2010	329198	99.7	99.9	100.1
2011	318323	99.9	100.1	100.1
2012	323724	99.9	100.1	100.1
2013	336331	100.0	100.2	100.1
2014	347007	100.0	100.1	100.0
2015	359395	100.0	100.0	99.9
2016	352891	100.3	100.2	100.0
2017	309223	100.4	100.2	100.0
2018	295207	100.3	99.9	100.1
2019	278410	100.2	99.7	100.0
2020	286465	100.3	99.7	100.0
2021	287173	100.3	99.6	100.1
2022	33111	100.2	99.5	100.2

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

Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	246789	-2881.6	-11710.9	-481.2	-417.4
2002	231672	-2704.5	-10837.6	-455.3	-390.4
2003	231689	-2651.1	-10658.8	-443.3	-384.3
2004	234417	-2444.9	-9841.4	-410.1	-353.6
2005	233054	-2385.6	-9584.7	-401.8	-344.2
2006	249265	-2229.1	-8892.5	-380.1	-319.4
2007	239422	-2049.1	-8112.3	-352.7	-292.1
2008	249972	-1938.9	-7645.3	-335.3	-275.7
2009	244146	-1719.7	-6758.1	-298.6	-244.0
2010	240177	-1571.6	-6207.0	-272.6	-223.0
2011	241365	-1286.2	-5080.3	-223.2	-182.4
2012	245151	-1065.5	-4212.1	-186.7	-150.2
2013	258770	-812.0	-3231.6	-143.0	-114.0
2014	256608	-487.4	-1895.7	-87.5	-67.7
2015	235506	-165.5	-645.9	-31.1	-22.3
2016	213221	266.2	998.6	44.1	39.0
2017	194221	749.6	2918.7	128.0	107.5
2018	188394	1276.4	4971.6	218.4	182.8
2019	169554	1580.7	5892.8	275.6	224.7
2020	11066	1664.6	6205.0	290.4	236.5

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

Jaar	Aantal	Eff	Int	Gewen
1980	414	92.3	92.5	102.6
1981	609	95.7	92.4	102.4
1982	663	96.8	92.3	102.4
1983	768	97.2	92.1	102.5
1984	1113	97.5	91.6	102.5
1985	1358	98.2	91.8	102.3
1986	2091	98.2	91.6	102.3
1987	3332	98.6	90.8	102.3
1988	5056	98.4	90.7	102.5
1989	7282	98.4	90.3	102.6
1990	10049	98.0	90.3	102.8
1991	12089	98.2	90.6	101.6
1992	15166	97.8	90.8	101.5
1993	17821	97.7	90.7	101.5
1994	19359	97.8	90.5	101.8
1995	24675	98.2	91.1	101.1
1996	26893	98.3	91.6	101.3
1997	28765	98.4	91.6	101.2
1998	31183	98.5	91.8	101.0
1999	32664	98.7	91.7	101.1
2000	34661	98.9	92.2	101.0
2001	38072	99.2	92.3	100.7
2002	39581	99.3	92.8	100.1
2003	43331	99.4	92.7	100.4
2004	48455	99.3	93.2	100.5
2005	48948	99.3	93.4	100.8
2006	54428	99.5	94.1	100.6
2007	55591	99.6	94.6	100.4

2008	61337	99.7	94.8	100.4
2009	73921	99.7	95.3	100.4
2010	84719	99.9	95.7	100.1
2011	87544	100.2	96.4	99.8
2012	90186	100.2	97.0	99.9
2013	97700	100.3	97.7	100.1
2014	99413	100.2	98.9	100.2
2015	91979	100.0	99.9	100.1
2016	84943	99.9	101.1	100.1
2017	76354	99.8	101.9	100.2
2018	73971	100.0	102.2	100.1
2019	71151	100.1	102.3	100.1
2020	9371	99.9	102.4	100.0

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	2667	95.7	99.9	113	-4.9	102.0	0	0.0
1981	3258	95.1	100.0	147	-4.4	95.1	0	0.0
1982	3647	95.4	100.1	179	-4.5	105.3	0	0.0
1983	5294	95.3	100.1	165	-4.2	96.6	0	0.0
1984	8116	95.1	99.8	175	-4.2	92.8	0	0.0
1985	12763	94.8	99.9	15452	-5.5	128.3	0	0.0
1986	20491	94.8	100.1	23588	-5.3	117.8	0	0.0
1987	34819	95.2	99.8	37807	-4.9	102.2	0	0.0
1988	62464	95.4	99.6	63690	-4.5	89.3	0	0.0
1989	92202	95.7	99.4	92512	-4.3	85.9	0	0.0
1990	118729	95.8	99.2	119054	-4.2	86.1	0	0.0
1991	132132	96.1	99.6	133512	-3.9	79.7	0	0.0
1992	153664	95.9	99.5	155462	-3.6	73.7	0	0.0
1993	182918	96.1	99.2	182856	-3.5	75.1	0	0.0
1994	197576	96.4	98.8	197323	-3.4	73.7	0	0.0
1995	235190	96.5	99.0	234895	-3.2	74.5	0	0.0
1996	238096	97.1	99.1	237782	-3.0	70.9	0	0.0
1997	237915	97.0	98.8	237397	-2.8	69.2	0	0.0
1998	246485	97.1	98.6	245846	-2.7	65.9	0	0.0
1999	250990	96.9	98.4	250451	-2.6	64.3	0	0.0
2000	241951	97.2	98.2	241247	-2.3	59.8	0	0.0
2001	245882	97.1	98.0	245214	-2.3	58.7	141196	94.0
2002	230824	97.4	97.9	230254	-2.2	56.2	134233	94.1
2003	230933	97.4	97.8	230460	-2.0	52.4	136059	94.5
2004	233535	97.6	98.0	233228	-1.9	49.6	137916	94.7
2005	232032	97.6	98.0	231823	-1.8	46.4	135400	95.1
2006	248305	97.9	98.2	247913	-1.5	37.5	139268	96.2
2007	238506	98.2	98.3	238195	-1.3	32.1	130110	96.7
2008	248910	98.4	98.4	248542	-1.2	28.3	132839	97.1
2009	242857	98.5	98.8	242659	-1.1	24.7	131397	97.5
2010	238428	98.7	98.8	238417	-0.9	21.1	128659	97.8
2011	239426	99.0	99.2	239633	-0.7	15.0	125794	98.6
2012	243084	99.2	99.5	243783	-0.6	11.2	123364	99.0
2013	256421	99.4	99.7	257328	-0.5	9.5	125250	99.1
2014	254207	99.7	99.9	256475	-0.3	5.3	120973	99.6
2015	232818	99.9	100.0	238294	-0.0	1.0	108894	99.9
2016	210343	100.3	100.1	218486	0.2	-3.0	98182	100.3
2017	191758	100.9	100.2	202555	0.5	-7.1	87487	100.8
2018	185865	101.4	100.4	197716	0.7	-10.8	81684	101.1

2019	174433	101.6	100.4	188823	0.9	-14.3	56548	101.1
2020	14804	102.0	100.4	66615	1.2	-14.4	1641	101.4
2021	0	0.0	0.0	50432	1.5	-14.9	0	0.0
2022	0	0.0	0.0	5332	1.6	-15.3	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	774	99.8	63	98.0	62	99.3	774	97.8
1981	993	99.6	146	97.4	145	98.9	993	97.6
1982	1126	99.5	168	97.0	169	98.7	1126	97.6
1983	1477	99.7	135	96.9	132	98.4	1477	97.0
1984	2116	99.8	123	97.4	122	98.6	2115	97.0
1985	2841	99.9	141	98.6	142	98.5	2841	96.9
1986	4427	99.9	363	99.7	379	98.3	4427	96.8
1987	6795	99.9	236	99.3	233	98.5	6794	96.6
1988	10330	99.9	298	98.5	280	100.4	10329	96.3
1989	14514	99.6	452	98.3	412	98.7	14511	96.0
1990	20077	99.4	682	98.1	648	97.7	20075	95.8
1991	23583	100.0	1404	99.9	1375	98.8	23581	95.9
1992	29355	100.1	1497	100.3	1488	98.6	29354	95.8
1993	34447	99.9	1287	100.0	1220	98.4	34447	95.8
1994	38251	99.7	1663	98.8	1535	99.1	38251	95.8
1995	48855	99.2	2756	98.0	2620	99.3	48855	95.3
1996	53114	99.2	3228	98.4	3126	99.2	53114	95.3
1997	57885	98.7	3763	97.8	3687	98.5	57885	95.4
1998	63132	98.9	3893	98.3	3843	98.7	63132	95.5
1999	67766	98.9	4078	98.2	3961	98.6	67766	95.3
2000	73480	98.6	4505	98.0	4388	98.5	73479	95.2
2001	81854	98.6	4902	98.0	4831	98.6	81853	95.3
2002	86544	98.7	5265	98.4	5240	98.4	86544	95.1
2003	97480	98.6	5726	98.4	5710	98.2	97480	94.9
2004	110110	98.9	6605	98.7	6640	98.6	110107	95.1
2005	116966	98.9	6796	98.8	6869	98.6	116966	95.2
2006	136380	99.0	7730	98.8	7914	98.7	136375	95.7
2007	147263	99.0	7948	98.8	8102	98.8	147261	96.0
2008	172909	99.2	8567	99.2	8754	98.8	172909	96.4
2009	193319	99.3	9188	99.1	9388	99.0	193319	97.2
2010	213405	99.6	9271	99.3	9546	99.3	213404	97.5
2011	218441	100.0	9550	99.6	9844	99.9	218426	98.3
2012	221846	100.2	9590	99.8	9880	100.1	221845	98.8
2013	233326	100.4	9033	99.8	9336	100.2	233324	99.3
2014	231453	100.5	8408	100.0	8807	100.1	231453	99.7
2015	211958	100.5	6994	100.1	7457	100.0	211952	100.0
2016	191948	100.4	5525	99.9	6084	100.3	191948	100.5
2017	174371	100.5	3905	100.0	4660	100.3	174371	101.2
2018	168037	100.5	2531	100.0	3474	100.4	168037	101.8
2019	156039	100.5	749	100.0	1493	100.4	156039	102.1
2020	13754	100.5	8	100.5	29	100.6	13754	102.4

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	175	98.5	98.8	98.8	99.6	97.5	97.4
1981	304	98.4	98.8	98.6	99.4	97.2	97.1
1982	353	98.1	98.7	98.3	99.2	97.0	96.5
1983	330	98.6	99.3	98.7	99.4	97.2	97.1
1984	368	98.1	98.7	98.5	99.0	97.1	97.1
1985	358	98.5	99.1	98.5	99.4	97.5	97.2
1986	689	98.9	99.3	98.7	99.4	98.3	98.2
1987	930	98.5	99.1	98.5	99.3	97.6	97.3
1988	1498	98.0	98.2	98.2	99.1	97.1	96.6
1989	2207	98.3	98.7	98.4	99.5	97.4	96.7
1990	3180	98.4	99.0	98.3	99.5	97.5	96.5
1991	3771	98.3	98.8	97.7	99.5	97.3	96.9
1992	4784	98.1	98.6	97.6	99.3	97.4	96.9
1993	5310	98.2	98.7	97.9	99.3	97.5	97.0
1994	6284	97.8	98.2	97.4	99.3	97.2	96.3
1995	8225	97.7	98.2	97.2	99.3	96.5	95.9
1996	8931	98.0	98.8	97.4	99.5	96.8	96.1
1997	9928	97.9	99.0	97.3	99.2	96.7	96.1
1998	10448	98.2	99.0	97.5	99.5	97.0	96.4
1999	11331	98.0	98.8	97.5	99.4	96.7	96.3
2000	12023	97.9	98.6	97.2	99.2	97.1	96.3
2001	13203	97.8	98.3	97.3	99.3	96.7	96.3
2002	13904	97.8	98.0	97.3	99.3	96.9	96.4
2003	15177	97.7	98.3	97.3	99.2	96.7	96.3
2004	17155	98.4	99.0	97.8	99.7	97.2	97.0
2005	16925	98.8	99.4	98.2	100.0	97.6	97.4
2006	21591	99.7	100.0	99.1	100.7	98.4	98.4
2007	21581	99.9	100.3	99.4	100.7	98.5	98.7
2008	23282	100.2	100.5	99.7	101.0	98.6	98.9
2009	24746	100.0	100.3	99.6	100.8	98.5	98.9
2010	25516	99.9	100.2	99.6	100.6	98.6	99.0
2011	25539	100.0	100.3	99.9	100.5	98.9	99.5
2012	25899	100.1	100.4	100.0	100.2	99.4	99.8
2013	26277	100.1	100.4	100.0	100.3	99.5	99.8
2014	24714	100.1	100.1	100.0	100.2	99.9	99.9
2015	21395	100.0	100.0	100.0	100.0	100.0	100.0
2016	17985	100.1	100.1	100.2	100.1	100.1	100.1
2017	14578	100.1	99.9	100.2	100.1	100.0	100.1
2018	11355	100.4	100.0	100.6	100.3	100.4	100.4
2019	5293	100.5	100.1	100.8	100.5	100.4	100.5
2020	171	101.1	100.6	101.2	101.0	100.8	101.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	35	-2339.1	-86.2	-90.0	-106.5	31.9	-10.0	0.1	-582.0
1981	58	-2242.7	-86.8	-88.5	-102.0	23.3	-13.1	0.2	-575.9
1982	86	-2156.3	-82.0	-84.9	-98.2	24.5	-12.1	0.0	-549.8
1983	111	-2130.9	-83.7	-85.3	-97.0	20.1	-13.9	0.0	-554.7
1984	254	-2036.1	-78.3	-83.0	-92.7	21.7	-15.4	0.0	-532.7
1985	406	-2157.2	-82.0	-84.6	-98.2	24.9	-11.2	0.1	-548.7
1986	684	-2022.5	-77.0	-80.5	-92.0	23.1	-12.0	0.2	-519.2
1987	1197	-1981.0	-75.5	-79.1	-90.2	22.2	-12.2	0.1	-510.1
1988	2404	-1964.5	-72.9	-77.5	-89.4	25.5	-10.2	0.2	-497.5

1989	3573	-1904.0	-70.9	-75.1	-86.6	24.8	-9.7	0.2	-482.9
1990	4829	-1893.2	-71.6	-74.6	-86.1	22.8	-9.3	0.2	-481.8
1991	6457	-1791.7	-69.2	-70.9	-81.5	18.9	-9.3	0.2	-460.5
1992	8432	-1757.4	-69.5	-69.8	-79.9	15.8	-9.5	0.2	-456.0
1993	9978	-1666.8	-69.2	-67.2	-75.8	9.7	-10.5	0.2	-443.8
1994	12176	-1580.4	-58.6	-61.6	-71.8	19.6	-6.6	0.2	-397.4
1995	13603	-1553.0	-56.5	-60.3	-70.6	21.0	-6.1	0.2	-387.1
1996	15356	-1425.9	-52.2	-55.9	-64.8	18.6	-6.3	0.3	-358.5
1997	16772	-1344.7	-49.6	-53.0	-61.1	17.0	-6.2	0.3	-339.9
1998	23189	-1305.5	-44.7	-49.5	-59.3	21.4	-3.0	0.3	-314.5
1999	26203	-1226.6	-41.2	-46.8	-55.7	20.9	-3.3	0.3	-295.3
2000	32079	-1049.6	-38.7	-42.2	-47.8	13.1	-5.6	0.1	-268.6
2001	36325	-955.6	-36.5	-38.2	-45.1	10.2	-4.7	-2.0	-246.9
2002	37119	-820.9	-31.1	-34.4	-39.6	9.1	-5.9	-2.9	-218.3
2003	38845	-761.1	-27.9	-31.5	-37.7	9.6	-5.0	-3.9	-199.3
2004	40662	-668.3	-22.4	-27.6	-33.2	11.3	-4.1	-3.6	-170.2
2005	43503	-586.7	-19.4	-24.0	-29.5	10.5	-3.1	-3.7	-148.0
2006	45969	-510.4	-19.6	-21.6	-25.3	5.7	-3.4	-2.7	-137.3
2007	45955	-446.1	-17.0	-19.1	-22.6	5.3	-3.2	-2.9	-120.9
2008	50016	-391.0	-16.0	-16.3	-19.7	3.4	-2.1	-2.4	-106.4
2009	50493	-388.0	-18.1	-16.1	-18.4	0.3	-2.1	-0.9	-109.7
2010	51233	-302.3	-14.2	-12.2	-14.7	0.4	-1.0	-1.1	-84.4
2011	51669	-221.3	-10.3	-9.1	-10.9	0.8	-0.7	-1.0	-62.0
2012	53235	-163.6	-7.9	-6.9	-8.0	0.5	-0.6	-0.7	-47.2
2013	55156	-127.2	-6.6	-4.7	-6.6	0.1	0.5	-1.0	-35.2
2014	53995	-67.5	-4.7	-2.0	-3.9	-0.8	1.1	-1.1	-19.6
2015	47580	-23.5	-3.2	0.6	-1.5	-1.2	2.5	-0.6	-4.7
2016	41626	59.8	-0.4	3.2	2.6	-2.3	2.0	-0.2	12.8
2017	36592	173.9	3.4	6.8	8.1	-3.7	1.4	0.2	37.6
2018	34763	313.2	9.4	11.6	14.3	-4.0	1.2	0.0	71.8
2019	30840	349.3	15.4	14.7	15.6	0.9	3.2	-0.4	97.3
2020	2216	368.1	17.7	16.4	16.2	2.5	4.3	-0.6	109.4

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	35	88.8	95.9	89.6	89.6	105.3	97.8	95.7
1981	63	89.8	96.0	90.0	90.3	104.7	97.5	97.0
1982	87	90.0	96.4	91.2	91.3	104.0	96.4	96.6
1983	111	90.7	96.1	91.6	92.1	103.3	96.5	96.0
1984	237	90.6	95.8	92.5	92.9	102.5	95.5	95.8
1985	343	90.4	96.0	91.9	92.5	103.1	95.6	95.9
1986	591	90.5	95.8	92.3	93.2	102.6	95.5	95.6
1987	922	90.4	96.3	92.5	93.3	102.7	95.6	95.9
1988	1537	90.4	96.3	92.7	93.5	102.5	95.7	96.0
1989	2006	90.6	96.6	92.9	93.6	102.5	95.7	96.2
1990	2744	90.6	96.6	93.0	93.7	102.5	95.8	96.3
1991	3816	91.4	96.4	93.4	94.1	101.9	95.8	97.0
1992	5017	91.4	96.3	93.1	93.8	102.1	95.9	97.3
1993	5424	91.9	96.3	93.1	94.1	101.6	95.8	97.2
1994	6789	92.1	98.7	95.5	95.1	102.8	96.5	98.9
1995	7491	92.4	98.7	96.1	95.8	102.3	96.5	98.7
1996	8730	92.6	98.7	96.6	96.1	102.1	96.6	99.4
1997	10206	93.0	99.2	97.1	96.5	102.5	97.1	99.1
1998	14157	93.3	99.7	97.5	96.6	102.5	97.1	98.8

1999	16330	93.6	99.6	97.3	96.5	102.4	97.0	98.7
2000	20308	94.3	99.1	96.9	96.2	102.1	97.5	98.8
2001	22426	94.6	99.5	97.3	96.7	102.0	97.9	98.6
2002	23240	95.3	99.9	98.0	97.6	101.7	97.6	98.7
2003	24314	95.9	100.3	98.6	98.2	101.7	98.2	98.6
2004	25892	96.0	100.6	99.0	98.5	101.5	98.5	99.0
2005	27653	96.3	100.4	99.0	98.5	100.9	98.8	99.3
2006	28451	96.5	100.7	99.0	98.6	101.1	99.0	99.3
2007	28215	96.8	100.7	99.4	99.0	101.0	99.4	99.2
2008	30216	97.2	100.3	99.2	98.9	100.9	99.3	99.3
2009	30917	98.1	100.7	99.5	98.9	101.4	99.5	99.4
2010	31358	98.3	100.3	99.5	99.0	101.0	99.4	99.6
2011	30759	98.5	100.3	99.8	99.3	100.9	99.3	99.6
2012	30764	98.3	100.3	99.7	99.2	101.0	99.4	99.7
2013	30468	98.4	100.4	99.8	99.3	100.9	99.2	99.8
2014	28480	98.9	100.4	100.1	99.8	100.8	99.2	99.9
2015	25121	99.5	100.4	100.4	100.0	100.7	99.5	100.1
2016	22061	99.9	100.8	100.6	100.5	101.0	100.0	100.3
2017	18711	100.5	101.3	100.7	100.8	101.5	100.0	100.6
2018	17278	101.1	101.2	101.0	101.4	101.4	99.8	100.7
2019	11017	101.2	101.2	100.6	101.5	101.4	99.5	100.5
2020	283	101.6	100.5	100.7	101.8	100.7	99.3	100.5

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	35	90.5	101.3	98.0	93.5	88.2
1981	63	91.3	100.8	98.1	93.7	88.4
1982	87	92.1	101.3	97.8	94.1	89.3
1983	111	92.3	101.3	97.2	94.6	89.6
1984	237	92.0	101.4	97.6	94.8	88.8
1985	343	92.1	101.3	97.3	95.0	89.3
1986	591	92.1	101.9	96.9	95.3	89.2
1987	922	92.6	101.9	96.6	95.6	89.8
1988	1537	93.0	101.4	96.6	95.8	90.3
1989	2006	93.2	101.9	96.5	95.9	90.5
1990	2744	93.4	101.8	96.5	95.8	90.5
1991	3816	93.5	102.4	96.3	95.6	90.5
1992	5017	93.6	102.2	96.3	95.6	90.8
1993	5424	93.7	102.8	95.6	95.6	90.8
1994	6789	92.6	102.8	94.7	95.2	90.4
1995	7491	92.9	103.0	94.9	95.5	90.8
1996	8730	93.8	103.5	94.9	95.6	91.6
1997	10206	94.6	104.0	94.5	95.9	92.5
1998	14157	94.6	104.4	94.2	96.2	92.6
1999	16330	95.0	103.7	94.5	96.1	93.1
2000	20308	95.8	103.3	95.6	96.6	94.0
2001	22426	95.6	103.2	96.1	96.8	94.0
2002	23240	95.9	102.7	96.7	96.9	94.2
2003	24314	96.0	102.4	96.9	97.3	94.6
2004	25892	96.3	102.8	96.7	97.8	95.1
2005	27653	96.4	102.6	96.2	97.7	95.6
2006	28451	97.0	101.8	96.9	98.2	96.2
2007	28215	97.0	101.3	97.3	98.3	96.3
2008	30216	96.8	100.9	97.7	98.0	96.2
2009	30917	97.5	100.4	98.6	98.4	97.1

2010	31358	98.1	99.9	99.2	98.5	97.7
2011	30759	99.0	100.1	99.3	98.9	98.7
2012	30764	99.2	100.1	99.4	99.3	99.1
2013	30468	99.5	100.0	99.6	99.5	99.5
2014	28480	99.7	99.7	99.9	99.5	99.9
2015	25121	99.9	99.4	100.1	99.5	100.1
2016	22061	100.0	99.4	100.1	99.7	100.4
2017	18711	100.7	98.9	100.8	100.3	100.8
2018	17278	101.2	98.7	100.9	100.5	101.3
2019	11017	101.7	98.4	101.4	100.8	101.8
2020	283	101.9	98.6	101.1	100.4	101.9

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	35	92.3	89.2	102.1	94.9	87.5	92.4	90.3
1981	63	91.8	89.8	100.2	95.2	87.7	91.7	90.1
1982	87	91.7	89.9	100.5	94.5	87.5	91.9	90.5
1983	111	92.3	89.1	100.9	94.4	88.5	92.1	90.0
1984	237	92.5	89.8	100.9	94.6	89.4	92.7	90.7
1985	343	93.1	90.0	100.7	95.3	89.5	93.2	90.9
1986	591	93.4	90.3	100.6	95.2	90.3	93.2	91.1
1987	922	92.6	90.3	100.7	94.4	90.3	93.1	91.0
1988	1537	92.6	90.3	100.9	94.2	90.8	93.1	90.9
1989	2006	92.5	90.5	101.1	94.2	90.9	92.9	90.8
1990	2744	92.6	90.6	101.1	94.1	91.0	93.0	90.9
1991	3816	92.9	90.4	101.1	94.4	91.4	92.9	90.9
1992	5017	92.9	90.7	100.9	94.6	91.3	93.1	91.3
1993	5424	92.9	91.0	100.9	94.8	91.8	93.5	91.5
1994	6789	92.5	92.4	100.3	93.3	90.5	94.2	92.7
1995	7491	92.7	92.4	100.5	93.2	90.9	94.2	92.5
1996	8730	92.5	92.7	100.4	93.1	91.2	94.3	92.7
1997	10206	92.9	93.1	99.9	93.3	91.7	94.8	92.7
1998	14157	92.7	93.6	99.8	93.0	92.1	95.1	93.4
1999	16330	92.8	94.3	99.7	93.5	93.1	96.2	94.4
2000	20308	93.7	95.0	100.0	94.5	93.7	97.1	95.4
2001	22426	93.9	94.8	99.8	94.4	93.8	96.5	94.8
2002	23240	94.3	95.1	99.7	94.7	94.3	96.7	95.1
2003	24314	95.0	95.6	99.4	95.3	94.9	96.9	95.3
2004	25892	95.0	96.2	99.6	95.0	95.2	97.4	96.1
2005	27653	94.9	96.4	100.2	95.2	95.6	97.7	96.5
2006	28451	95.7	96.9	100.1	95.7	95.9	97.6	96.6
2007	28215	95.9	97.4	99.8	96.0	96.5	98.0	97.0
2008	30216	96.1	97.6	99.5	96.5	96.7	98.2	97.3
2009	30917	96.7	98.0	99.2	97.5	97.1	98.6	97.7
2010	31358	97.1	98.4	99.1	97.8	97.6	98.8	98.0
2011	30759	97.5	98.8	99.1	98.1	98.1	99.2	98.7
2012	30764	97.9	98.8	99.4	98.3	98.4	99.4	98.9
2013	30468	98.6	99.2	99.5	98.8	98.7	99.7	99.2
2014	28480	99.1	99.3	99.8	99.4	99.2	99.8	99.3
2015	25121	99.7	99.9	99.6	100.2	99.8	100.2	99.5
2016	22061	100.1	100.0	99.5	100.7	99.8	100.4	99.7
2017	18711	101.0	100.5	99.7	101.5	100.6	100.5	99.7
2018	17278	102.3	101.1	99.7	102.5	102.0	100.9	100.0
2019	11017	102.6	101.3	99.6	102.7	102.3	100.8	100.0
2020	283	102.7	101.3	100.0	103.0	102.6	101.1	100.2

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	35	88.6	93.7	88.8	88.1	0.0	83.4
1981	63	90.0	94.2	88.4	88.4	0.0	83.8
1982	87	90.4	94.7	88.3	89.1	0.0	84.4
1983	111	90.9	94.6	89.0	89.4	0.0	85.0
1984	237	90.9	94.9	89.8	88.6	0.0	85.1
1985	343	90.5	94.9	90.3	88.8	0.0	85.3
1986	591	90.6	95.1	90.8	88.6	0.0	85.5
1987	922	90.7	95.4	90.2	89.3	0.0	85.7
1988	1537	90.8	95.5	90.4	89.8	0.0	86.1
1989	2006	91.2	95.7	90.4	90.0	0.0	86.3
1990	2744	91.2	95.8	90.5	90.1	0.0	86.4
1991	3816	92.2	95.9	90.9	90.1	0.0	86.9
1992	5017	92.0	95.7	91.0	90.3	0.0	87.0
1993	5424	92.3	95.6	91.3	90.2	0.0	87.2
1994	6789	94.1	98.2	90.4	89.6	0.0	87.4
1995	7491	94.4	98.4	90.6	90.0	0.0	87.8
1996	8730	95.2	98.8	90.7	90.9	0.0	88.6
1997	10206	95.8	99.4	91.4	91.6	0.0	89.6
1998	14157	96.1	99.4	91.3	91.6	0.0	89.7
1999	16330	96.2	99.3	92.1	92.2	0.0	90.4
2000	20308	96.9	98.9	93.1	93.3	0.0	91.7
2001	22426	97.3	99.1	93.1	93.3	0.0	91.8
2002	23240	97.8	99.6	93.6	93.6	0.0	92.5
2003	24314	98.5	100.0	94.4	94.0	0.0	93.4
2004	25892	99.0	100.2	94.5	94.4	0.0	93.8
2005	27653	99.2	99.9	94.7	94.7	0.0	94.1
2006	28451	99.4	100.1	95.3	95.5	0.0	94.9
2007	28215	99.8	100.3	95.7	95.7	0.0	95.4
2008	30216	99.9	100.2	96.0	95.6	0.0	95.5
2009	30917	100.5	100.4	96.7	96.5	0.0	96.6
2010	31358	100.6	100.3	97.2	97.2	0.0	97.2
2011	30759	100.7	100.5	97.6	98.2	0.0	98.0
2012	30764	100.7	100.5	98.0	98.6	0.0	98.5
2013	30468	100.7	100.6	98.5	99.0	0.0	99.0
2014	28480	101.1	100.9	99.1	99.4	0.0	99.6
2015	25121	101.4	101.0	99.9	99.6	0.0	100.3
2016	22061	101.5	101.5	100.2	99.8	0.0	100.7
2017	18711	101.7	102.0	101.2	100.3	0.0	101.6
2018	17278	101.8	102.3	102.7	100.8	0.0	102.7
2019	11017	101.5	102.3	102.9	101.2	0.0	103.0
2020	283	101.2	102.0	103.2	101.4	0.0	103.1

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	44	101.5	103.3	102.6	103.2	100.7	99.3	88.7	103.1
1981	76	102.2	103.1	103.1	103.2	101.4	100.2	90.3	103.4

1982	115	101.7	102.8	102.6	102.7	100.6	99.7	89.8	102.9
1983	150	101.3	102.1	101.8	102.0	99.9	99.2	91.0	102.0
1984	325	100.9	101.7	101.3	101.4	99.4	99.1	90.5	101.5
1985	506	101.8	102.2	102.3	102.4	100.6	100.3	90.1	102.5
1986	898	101.3	101.7	101.7	101.9	100.0	99.7	90.8	101.9
1987	1538	101.7	101.8	101.9	102.1	100.3	99.7	90.5	102.1
1988	2789	101.8	101.5	101.8	101.8	100.2	99.8	90.4	101.9
1989	4082	101.6	101.3	101.6	101.6	100.0	99.9	90.4	101.7
1990	5535	101.3	101.4	101.5	101.6	99.8	99.8	90.5	101.6
1991	7562	101.6	100.9	101.5	101.3	99.9	100.1	91.8	101.4
1992	9912	101.6	101.0	101.5	101.4	99.9	100.0	91.9	101.5
1993	11315	102.1	100.4	101.5	101.2	100.2	100.1	92.0	101.4
1994	14296	101.5	100.2	101.0	100.7	99.5	99.9	92.8	100.8
1995	15755	101.1	100.1	100.6	100.4	99.1	99.5	93.0	100.5
1996	17978	100.7	99.4	100.0	99.5	98.5	99.0	93.1	99.8
1997	19714	99.9	99.8	99.8	99.4	98.0	99.1	93.6	99.7
1998	27377	100.2	99.5	99.7	99.3	98.2	99.2	93.8	99.6
1999	30281	100.0	99.3	99.6	99.3	98.1	98.9	94.3	99.5
2000	36168	100.8	98.4	99.7	98.9	98.6	99.3	94.4	99.3
2001	40925	100.3	98.5	99.6	98.9	98.3	99.1	94.9	99.2
2002	43142	99.4	98.7	99.1	98.5	97.7	98.7	96.2	98.9
2003	45780	98.9	98.6	98.8	98.3	97.3	98.6	97.1	98.6
2004	47152	99.0	98.6	98.9	98.2	97.4	98.5	97.0	98.6
2005	49186	99.0	98.7	99.1	98.4	97.6	99.0	97.0	98.8
2006	50901	98.9	98.3	98.7	98.0	97.5	99.0	97.3	98.5
2007	52941	98.7	98.5	98.7	98.0	97.4	99.1	98.0	98.5
2008	59183	99.3	98.2	99.0	98.1	97.9	99.1	98.4	98.6
2009	59605	99.4	98.7	99.5	98.7	98.3	98.9	99.0	99.2
2010	59092	99.7	98.5	99.5	98.7	98.6	98.9	99.0	99.1
2011	59404	99.5	98.6	99.4	98.6	98.6	98.8	99.1	99.1
2012	61960	99.5	98.7	99.7	98.9	98.8	99.2	99.1	99.3
2013	63442	99.4	98.9	99.8	99.1	99.0	99.2	99.3	99.5
2014	63205	99.5	99.4	100.2	99.7	99.4	99.2	99.5	100.0
2015	59354	99.6	99.7	100.5	100.0	99.7	99.0	99.7	100.3
2016	52404	99.6	100.0	100.9	100.5	100.0	99.0	100.3	100.7
2017	43484	99.5	100.5	101.2	101.0	100.2	98.6	100.8	101.1
2018	40249	99.7	101.0	101.7	101.6	100.7	98.9	101.0	101.6
2019	36866	99.6	101.3	102.1	102.0	101.1	98.9	101.3	102.1
2020	15687	99.8	101.4	102.3	102.2	101.5	99.0	101.3	102.3

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	100.7	82.4	98.0	101.3	104.8
1981	37	101.4	95.8	97.3	100.0	103.1
1982	46	100.6	88.3	96.8	99.8	102.9
1983	73	100.9	86.5	96.4	99.6	102.6
1984	145	100.1	92.2	96.1	99.2	102.2
1985	214	100.5	93.7	96.1	99.4	102.4
1986	349	100.6	96.0	95.7	98.9	102.0
1987	552	100.0	96.4	95.2	98.3	101.2
1988	928	99.8	97.4	95.5	98.4	101.4
1989	1242	99.6	97.6	95.4	98.2	101.4
1990	1920	99.9	98.3	95.1	97.7	101.0
1991	3136	100.6	98.9	94.9	97.6	100.4
1992	4925	100.8	99.2	95.2	97.7	100.5

1993	5315	100.6	99.3	95.3	97.9	100.6
1994	6575	100.8	98.9	95.2	97.5	100.3
1995	7240	100.8	98.6	95.1	97.3	100.1
1996	8416	100.8	98.6	95.1	97.1	99.9
1997	9815	101.0	99.2	94.9	96.7	99.3
1998	13587	100.7	98.3	95.5	97.2	99.3
1999	15529	100.2	98.4	95.4	97.0	98.8
2000	19505	100.2	98.0	95.8	97.4	99.5
2001	21690	100.3	98.0	95.5	97.1	98.9
2002	22486	100.2	97.8	95.2	96.6	98.4
2003	23312	100.4	98.3	95.2	96.6	98.3
2004	24860	100.3	98.0	95.5	96.7	98.0
2005	26422	100.6	98.2	95.8	96.9	98.2
2006	27046	100.8	99.0	96.0	97.1	98.4
2007	26637	100.8	99.0	96.1	97.0	98.2
2008	28543	100.5	99.0	96.2	97.1	98.3
2009	29058	99.8	99.1	96.8	97.9	99.3
2010	29693	99.8	99.2	97.2	98.0	99.1
2011	28992	99.9	99.4	97.7	98.5	99.3
2012	28929	99.9	99.6	98.3	98.9	99.6
2013	28288	100.3	100.1	98.6	99.1	99.7
2014	26180	100.2	100.6	98.8	99.2	99.6
2015	22786	100.3	100.4	99.4	99.6	100.0
2016	19700	100.4	100.7	100.0	100.2	100.7
2017	16671	100.2	101.0	100.6	100.8	100.9
2018	15537	100.5	101.6	101.2	101.3	100.8
2019	10037	100.4	102.1	101.7	101.6	100.8
2020	260	100.1	102.4	101.9	101.9	100.8

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	35	-239.6	-582.0	-178.0	103.8	103.1	88.8	88.1	97.6	147.0
1981	58	-246.7	-575.9	-195.8	101.9	103.4	88.4	88.4	97.2	121.7
1982	86	-241.5	-549.8	-229.1	101.8	102.9	88.3	89.1	97.7	71.3
1983	111	-252.8	-554.7	-263.3	101.5	102.0	89.0	89.4	97.5	90.3
1984	254	-260.8	-532.7	-361.4	101.0	101.5	89.8	88.6	97.4	86.2
1985	406	-215.1	-548.7	-409.9	101.3	102.5	90.3	88.8	98.1	120.5
1986	684	-218.1	-519.2	-443.0	100.8	101.9	90.8	88.6	97.7	110.2
1987	1197	-228.4	-510.1	-507.9	99.9	102.1	90.2	89.3	97.9	96.5
1988	2404	-227.8	-497.5	-542.2	100.1	101.9	90.4	89.8	97.9	89.3
1989	3573	-224.9	-482.9	-543.8	100.0	101.7	90.4	90.0	97.8	85.6
1990	4829	-230.5	-481.8	-560.5	99.5	101.6	90.5	90.1	97.4	84.3
1991	6457	-229.4	-460.5	-551.1	99.1	101.4	90.9	90.1	97.4	79.6
1992	8432	-225.5	-456.0	-520.6	99.2	101.5	91.0	90.3	97.4	78.1
1993	9978	-219.8	-443.8	-501.7	99.4	101.4	91.3	90.2	97.8	78.8
1994	12176	-223.4	-397.4	-548.7	99.0	100.8	90.4	89.6	97.7	55.2
1995	13603	-223.0	-387.1	-543.0	98.8	100.5	90.6	90.0	97.9	53.1
1996	15356	-216.7	-358.5	-511.2	98.6	99.8	90.7	90.9	97.8	49.0
1997	16772	-214.1	-339.9	-496.5	98.0	99.7	91.4	91.6	98.0	41.7
1998	23189	-208.1	-314.5	-515.6	98.2	99.6	91.3	91.6	98.0	37.4
1999	26203	-196.8	-295.3	-486.8	97.8	99.5	92.1	92.2	98.7	36.0
2000	32079	-175.0	-268.6	-401.8	98.4	99.3	93.1	93.3	98.5	34.6
2001	36325	-171.0	-246.9	-380.0	97.9	99.2	93.1	93.3	98.4	30.7
2002	37119	-166.3	-218.3	-371.7	97.3	98.9	93.6	93.6	98.2	25.5
2003	38845	-160.3	-199.3	-348.3	97.2	98.6	94.4	94.0	97.8	19.1

2004	40662	-147.6	-170.2	-338.7	97.2	98.6	94.5	94.4	97.9	15.6
2005	43503	-130.5	-148.0	-307.4	97.3	98.8	94.7	94.7	98.0	15.2
2006	45969	-122.6	-137.3	-261.6	97.6	98.5	95.3	95.5	98.1	12.4
2007	45955	-113.3	-120.9	-237.6	97.5	98.5	95.7	95.7	97.9	11.1
2008	50016	-103.6	-106.4	-207.5	97.5	98.6	96.0	95.6	98.3	10.4
2009	50493	-92.8	-109.7	-172.4	98.5	99.2	96.7	96.5	98.2	4.0
2010	51233	-78.7	-84.4	-152.4	98.5	99.1	97.2	97.2	98.4	4.3
2011	51669	-62.2	-62.0	-118.6	98.8	99.1	97.6	98.2	98.6	2.7
2012	53235	-45.9	-47.2	-78.5	99.2	99.3	98.0	98.6	99.0	1.6
2013	55156	-34.4	-35.2	-47.3	99.4	99.5	98.5	99.0	99.1	0.0
2014	53995	-20.7	-19.6	-27.5	99.4	100.0	99.1	99.4	99.6	-2.5
2015	47580	-5.9	-4.7	1.6	99.8	100.3	99.9	99.6	99.8	-4.4
2016	41626	11.9	12.8	37.8	100.6	100.7	100.2	99.8	100.2	-9.5
2017	36592	29.1	37.6	57.6	100.9	101.1	101.2	100.3	100.6	-14.8
2018	34763	56.3	71.8	104.1	101.2	101.6	102.7	100.8	101.4	-18.2
2019	30840	74.1	97.3	144.2	101.3	102.1	102.9	101.2	101.9	-21.2
2020	2216	85.3	109.4	157.7	101.4	102.3	103.2	101.4	102.0	-15.4

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1983	10	93.8	94.7	99.6	98.6	91.2	95.8	94.4
1984	28	93.5	94.4	99.3	98.7	91.0	95.2	94.6
1985	30	94.5	95.7	99.1	98.2	92.8	95.5	96.2
1986	69	94.7	96.7	99.2	97.8	93.5	95.9	95.9
1987	103	94.7	95.7	99.7	98.5	92.9	95.9	95.2
1988	231	94.4	95.1	99.8	98.9	92.4	95.6	94.9
1989	304	94.9	95.7	99.9	98.8	93.0	96.2	95.3
1990	444	94.8	95.5	99.8	99.1	93.0	96.3	95.0
1991	725	93.6	95.8	98.1	97.1	93.2	95.5	96.0
1992	1072	93.7	96.1	98.1	97.0	93.4	95.5	96.2
1993	1291	93.8	95.9	98.5	97.2	93.0	95.5	95.9
1994	2236	94.8	96.5	99.8	97.6	93.5	95.5	95.3
1995	4034	94.6	96.3	99.7	97.7	93.4	95.8	95.1
1996	3837	94.3	95.6	99.5	98.1	92.5	95.9	95.0
1997	7377	94.1	95.0	99.7	98.4	92.3	95.6	94.7
1998	12550	94.2	95.4	99.6	98.5	92.5	95.3	94.8
1999	14906	95.0	96.2	100.0	98.9	92.8	95.9	95.0
2000	19349	95.2	97.0	99.7	98.6	93.4	96.5	95.4
2001	21472	94.9	96.9	99.3	98.0	93.7	96.4	95.5
2002	22414	94.6	96.6	99.1	98.0	93.7	96.4	95.2
2003	24016	94.8	96.8	99.0	98.3	93.9	96.2	95.7
2004	25894	95.4	97.5	99.3	98.5	94.5	96.2	95.9
2005	27687	96.4	98.2	99.9	99.1	95.0	96.6	96.6
2006	28458	96.4	98.1	99.5	99.0	95.2	96.6	97.3
2007	28349	96.9	98.8	99.4	99.1	96.0	96.8	97.9
2008	30626	96.8	98.6	99.2	99.0	96.2	96.9	98.1
2009	31383	96.8	98.6	98.9	98.8	96.7	97.0	98.6
2010	31739	97.0	98.8	98.9	99.2	97.0	97.4	98.6
2011	31073	97.4	99.4	98.8	99.3	97.9	97.7	99.0
2012	31154	98.2	100.0	99.1	99.6	98.7	98.2	99.4
2013	31031	98.6	100.4	99.1	99.8	99.3	98.7	99.8
2014	28978	99.0	100.3	99.5	100.2	99.3	99.3	99.9
2015	25561	99.5	100.4	99.9	100.6	99.6	99.9	100.2
2016	22429	100.1	100.5	100.3	101.0	100.1	100.4	100.3
2017	18968	100.1	100.4	100.4	100.9	100.4	100.8	99.9

2018	17409	101.1	100.7	101.3	101.5	100.7	101.5	100.1
2019	10991	101.1	101.0	101.1	101.3	101.1	101.6	100.4
2020	278	101.7	101.3	101.6	101.6	101.3	101.9	100.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	20	97.2	98.8	97.2	98.8	94.9	99.1
1981	40	95.7	99.7	95.7	99.7	93.8	99.0
1982	49	95.6	100.3	95.6	100.3	93.2	99.2
1983	64	95.0	100.4	95.0	100.4	92.9	98.9
1984	164	95.2	99.8	95.2	99.8	93.1	98.5
1985	223	96.4	99.8	96.4	99.8	94.6	99.2
1986	460	96.0	99.8	96.0	99.8	94.3	99.2
1987	811	95.8	100.1	95.8	100.1	94.0	99.6
1988	1525	96.0	100.1	96.0	100.1	94.3	99.4
1989	2416	95.9	99.9	95.9	99.9	94.2	99.2
1990	3792	95.7	99.8	95.7	99.8	94.0	98.9
1991	6117	95.7	100.0	95.7	100.0	94.2	99.0
1992	8406	95.8	100.0	95.8	100.0	94.2	99.0
1993	11601	96.3	100.2	96.3	100.2	94.8	99.2
1994	16121	96.0	100.3	96.0	100.3	95.1	98.9
1995	18257	96.1	100.4	96.1	100.4	95.2	98.9
1996	21788	96.3	100.1	96.3	100.1	95.2	99.3
1997	24832	96.6	100.3	96.6	100.3	95.4	99.4
1998	34515	96.7	100.1	96.7	100.1	95.4	99.0
1999	39646	97.2	100.6	97.2	100.6	95.7	99.7
2000	48453	97.5	100.3	97.5	100.3	96.1	100.2
2001	51202	97.6	100.1	97.6	100.1	96.1	100.1
2002	55344	97.6	99.8	97.6	99.8	95.9	99.8
2003	57210	97.5	99.4	97.5	99.4	95.8	99.6
2004	58727	97.6	99.3	97.6	99.3	96.1	99.7
2005	59146	97.8	99.2	97.8	99.2	96.7	99.7
2006	58757	98.1	99.1	98.1	99.1	96.9	99.6
2007	59379	98.2	98.8	98.2	98.8	97.0	99.4
2008	67030	98.7	98.9	98.7	98.9	97.5	99.4
2009	70535	98.6	98.8	98.6	98.8	97.8	99.2
2010	70092	98.8	99.0	98.8	99.0	98.3	99.4
2011	68833	99.2	98.9	99.2	98.9	98.9	99.5
2012	70989	99.7	99.0	99.7	99.0	99.5	99.7
2013	72114	100.0	98.9	100.0	98.9	100.0	99.7
2014	73102	100.3	99.3	100.3	99.3	100.5	99.9
2015	72397	100.1	99.6	100.1	99.6	100.6	100.2
2016	70065	100.2	99.9	100.2	99.9	101.0	100.3
2017	60068	100.4	100.2	100.4	100.2	101.4	100.5
2018	56264	100.7	100.9	100.7	100.9	101.5	100.9
2019	49700	101.1	101.2	101.1	101.2	101.9	101.1
2020	49550	101.2	101.3	101.2	101.3	102.0	101.1
2021	50938	101.3	101.3	101.3	101.3	102.2	101.0
2022	6034	101.2	101.6	101.2	101.6	102.2	101.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	24	99.2	105.2	99.9	93.9	96.0	95.4
1981	36	98.1	105.0	101.5	92.2	95.1	94.5
1982	45	97.1	105.3	102.8	87.7	89.6	89.7
1983	71	97.0	105.4	102.9	92.9	95.0	94.8
1984	165	97.4	105.1	102.4	96.1	98.9	98.5
1985	223	98.4	104.0	101.1	90.1	92.4	91.3
1986	379	98.6	103.7	100.9	95.3	97.3	96.0
1987	594	98.8	103.5	100.8	95.4	98.1	97.3
1988	1042	99.2	103.2	100.3	96.8	99.7	98.7
1989	1427	98.7	103.8	100.8	95.8	99.2	98.3
1990	2182	98.4	103.9	101.2	96.0	100.0	99.2
1991	3182	98.0	103.6	101.6	96.5	100.3	98.5
1992	4255	98.2	103.6	101.5	97.0	100.5	98.1
1993	4659	98.4	103.2	101.3	97.5	100.1	97.8
1994	6574	97.4	103.4	102.3	97.6	99.9	99.0
1995	7704	97.3	103.7	102.5	97.7	100.0	98.7
1996	9093	97.3	104.0	102.6	97.5	100.2	98.6
1997	10191	97.6	104.1	102.3	97.8	100.8	98.5
1998	14116	97.1	103.7	102.8	97.6	100.8	98.9
1999	16355	97.5	102.8	102.4	98.2	100.4	98.1
2000	21073	97.7	102.0	102.1	98.4	99.7	97.6
2001	24237	97.4	102.1	102.6	98.1	99.6	98.2
2002	25537	97.1	103.0	102.9	97.7	100.2	98.8
2003	27906	96.7	103.0	103.4	97.9	100.6	98.6
2004	30001	96.8	102.7	103.2	98.2	101.0	98.7
2005	33869	97.2	102.6	102.9	98.3	101.2	98.8
2006	35835	97.6	102.1	102.6	98.0	101.1	98.9
2007	40520	97.9	102.2	102.3	97.7	101.4	99.4
2008	46521	98.5	101.9	101.8	98.1	101.2	99.5
2009	51695	98.3	101.6	102.0	98.5	101.1	99.1
2010	52571	98.4	101.4	102.1	98.6	100.8	99.2
2011	52263	98.6	101.5	102.1	98.7	100.8	99.3
2012	53085	99.1	101.3	101.6	98.8	100.6	99.3
2013	55560	99.4	101.1	101.2	98.8	100.6	99.5
2014	55985	99.6	100.6	100.9	99.3	100.2	99.3
2015	53765	99.6	100.4	100.9	99.5	100.3	99.5
2016	49386	100.0	100.2	100.4	100.0	100.3	99.5
2017	41000	100.3	100.2	100.1	100.5	100.4	99.6
2018	37005	100.6	99.7	99.7	101.4	100.6	99.5
2019	29656	100.8	99.5	99.4	101.9	100.7	99.3
2020	24956	100.9	99.4	99.2	102.2	100.8	99.2
2021	23759	101.3	99.1	98.8	102.3	101.1	99.2
2022	3417	101.4	98.8	98.7	102.5	101.0	99.1

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	23	104.7	111.0	95.0	103.1	107.7	97.4	104.1	98.0	109.5	99.2	101.9
1981	41	104.5	109.2	96.0	103.2	106.9	98.2	104.0	97.4	108.7	98.9	103.2
1982	54	104.0	108.5	96.5	102.4	105.9	97.6	103.7	98.2	107.7	98.6	102.6
1983	72	104.1	107.8	96.9	102.6	105.6	98.0	103.8	98.2	107.3	98.7	103.3
1984	172	104.0	106.8	97.4	102.1	105.1	97.6	104.0	98.0	106.7	98.6	102.8
1985	257	104.2	107.8	96.3	102.6	105.4	97.4	104.0	98.4	106.9	98.5	102.8

1986	448	104.1	106.7	96.8	102.1	105.0	97.3	104.0	98.4	106.3	98.5	102.6
1987	796	104.5	107.3	97.0	102.2	106.1	97.1	104.5	97.6	107.3	98.2	103.4
1988	1370	104.3	107.0	97.1	101.8	106.0	97.0	104.4	97.5	107.0	98.0	103.1
1989	2115	104.1	107.0	97.5	101.9	105.5	97.4	104.1	97.6	106.8	98.3	103.1
1990	3324	104.1	107.2	97.6	102.0	105.6	97.6	104.0	97.7	107.0	98.4	102.9
1991	5027	103.9	106.0	97.9	101.4	105.3	97.4	104.0	97.8	106.4	98.2	102.6
1992	7602	104.1	106.3	97.8	101.4	105.6	97.4	104.0	98.0	106.8	98.3	102.6
1993	9212	103.6	105.5	98.0	101.2	104.9	97.5	103.7	97.9	106.0	98.3	102.1
1994	11896	104.2	106.5	98.2	102.3	104.9	98.1	103.8	98.7	106.5	98.5	104.1
1995	13535	103.9	106.1	98.7	102.2	104.5	98.6	103.5	99.0	106.1	99.0	103.8
1996	17318	103.4	105.8	99.0	102.1	104.1	98.9	103.1	98.4	106.2	98.8	103.8
1997	21020	103.0	105.6	98.7	102.1	103.6	99.0	102.8	98.5	105.7	98.7	103.3
1998	27149	102.9	104.8	98.8	102.0	103.4	98.6	102.6	98.8	105.2	98.1	103.4
1999	33739	102.6	104.6	98.5	101.9	103.0	98.5	102.3	98.8	104.8	97.9	103.0
2000	37874	102.4	103.8	98.5	101.6	102.6	98.7	101.7	99.9	104.5	97.8	102.7
2001	42159	102.2	103.2	99.5	101.3	102.4	99.3	101.5	100.0	104.0	98.6	102.3
2002	48022	102.4	102.9	100.0	101.5	102.4	99.5	101.8	100.0	103.7	98.9	102.3
2003	48274	102.3	102.4	100.3	101.4	101.9	99.6	101.7	100.3	103.1	99.0	102.1
2004	50205	102.2	101.8	100.0	101.3	101.7	99.3	101.6	100.6	102.8	98.5	102.1
2005	51482	101.5	101.4	100.2	101.1	101.2	99.7	100.9	100.1	102.4	98.7	101.9
2006	51570	101.4	100.9	100.4	100.8	100.9	99.7	100.8	100.6	101.9	99.0	101.3
2007	48385	101.0	100.6	100.4	100.5	100.5	99.9	100.6	100.2	101.4	99.2	100.9
2008	51003	101.0	100.2	100.5	100.4	100.4	99.9	100.8	100.2	101.1	99.5	100.6
2009	52685	100.6	100.5	99.9	100.9	100.1	100.1	100.6	99.5	100.9	99.4	100.5
2010	48731	100.5	99.7	100.2	100.2	99.9	99.9	100.4	99.7	100.5	99.3	100.2
2011	42482	100.3	99.1	100.4	99.8	99.7	99.8	100.3	99.7	100.2	99.2	100.1
2012	36325	100.3	98.9	100.5	99.5	99.8	99.7	100.4	99.5	100.2	99.2	100.1
2013	33795	100.4	98.6	100.8	99.4	99.9	99.7	100.5	99.4	100.2	99.4	100.1
2014	29915	100.3	98.2	101.3	99.4	99.7	99.8	100.5	99.3	99.8	99.8	99.9
2015	25426	100.1	97.7	101.6	99.3	99.3	100.2	100.4	99.3	99.4	100.1	99.7
2016	22126	99.8	97.6	101.5	99.4	99.1	100.2	100.4	98.7	99.3	100.1	99.7
2017	18577	100.1	97.6	101.6	99.8	99.0	100.3	100.7	98.8	99.2	100.3	100.0
2018	17099	100.2	97.4	101.9	99.9	99.0	100.5	100.8	98.9	99.1	100.8	100.0
2019	10789	100.3	97.2	102.5	99.7	99.3	100.5	100.9	98.9	99.2	101.1	99.9
2020	269	100.1	96.6	102.5	99.2	99.1	100.6	100.8	98.9	98.8	101.4	99.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	20	99.7	100.4	99.9
1981	36	99.7	100.3	99.5
1982	48	99.2	100.0	99.0
1983	64	99.4	100.0	99.1
1984	156	99.1	99.7	98.9
1985	218	99.4	99.9	99.4
1986	455	99.1	99.7	99.4
1987	797	99.2	99.5	99.3
1988	1503	99.1	99.5	99.4
1989	2359	99.1	99.4	99.3
1990	3726	99.1	99.5	99.0
1991	5937	98.6	99.2	99.1
1992	8223	98.2	99.0	99.1
1993	11911	98.4	99.2	99.2
1994	17154	98.8	99.6	99.2
1995	19745	98.9	99.7	98.8
1996	23614	98.8	99.8	98.2

1997	27040	98.6	99.6	98.1
1998	37346	98.7	99.6	98.6
1999	42959	98.9	99.8	99.0
2000	51994	98.8	99.7	99.2
2001	54489	99.1	99.7	99.3
2002	59110	99.3	99.9	99.1
2003	60687	99.4	100.0	99.0
2004	61466	99.8	100.2	99.4
2005	61436	100.1	100.2	99.8
2006	60103	100.1	100.3	99.5
2007	60262	100.1	100.2	99.4
2008	67803	99.9	100.0	99.3
2009	71227	100.0	99.7	99.6
2010	70626	99.8	99.6	99.4
2011	69647	100.0	99.8	99.4
2012	72128	100.4	100.1	99.7
2013	73436	100.6	100.2	99.8
2014	74956	100.3	100.0	99.7
2015	74697	100.5	100.0	99.6
2016	72860	100.9	100.4	99.8
2017	63091	101.3	100.7	100.1
2018	59179	101.4	100.6	100.4
2019	53011	101.6	100.7	100.4
2020	55107	101.4	100.5	100.4
2021	56831	101.3	100.4	100.4
2022	6675	101.2	100.3	100.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36339	-3282.3	-13057.6	-553.4	-473.7
2002	37173	-3163.4	-12547.6	-531.4	-457.8
2003	38878	-2981.5	-11890.6	-499.6	-431.9
2004	40726	-2846.2	-11416.6	-474.5	-413.4
2005	43588	-2605.2	-10460.6	-435.0	-378.0
2006	46113	-2319.5	-9227.8	-390.7	-335.0
2007	46113	-2131.7	-8481.7	-358.5	-308.2
2008	50275	-1914.8	-7617.3	-325.3	-275.1
2009	50824	-1719.7	-6759.4	-296.0	-245.4
2010	51638	-1514.0	-5988.8	-261.8	-215.2
2011	52100	-1233.9	-4894.1	-212.9	-175.6
2012	53732	-932.7	-3697.6	-160.9	-132.8
2013	55631	-694.4	-2784.6	-122.5	-97.4
2014	54574	-505.5	-2024.4	-92.7	-69.1
2015	48148	-263.2	-1106.3	-54.7	-32.6
2016	42333	44.3	188.1	-2.7	11.5
2017	37099	281.9	1224.4	37.0	45.7
2018	35286	739.4	3074.1	116.8	110.2
2019	30089	1109.1	4278.5	187.6	160.1
2020	1787	1227.1	4704.6	208.8	176.6

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

Jaar	Aantal	Eff	Int	Gewen
1981	11	89.4	90.5	102.5
1982	15	97.1	90.7	102.7
1983	24	97.7	89.6	102.5
1984	44	96.8	90.1	102.1
1985	38	97.6	91.2	102.3
1986	76	97.9	90.1	102.4
1987	99	97.4	89.9	102.3
1988	180	97.0	90.0	102.6
1989	227	97.3	90.5	102.7
1990	302	97.1	89.8	102.6
1991	452	97.3	89.6	102.7
1992	634	97.1	89.3	102.6
1993	704	96.8	89.2	102.6
1994	1044	97.5	84.7	103.4
1995	1179	97.5	85.6	103.3
1996	1458	97.6	85.6	103.3
1997	1925	97.5	85.9	102.8
1998	2852	97.5	85.3	102.9
1999	3590	97.1	85.5	102.9
2000	4849	97.0	86.0	102.4
2001	5808	97.2	86.5	102.2
2002	6495	97.4	87.2	102.2
2003	7205	97.5	88.0	101.9
2004	8249	97.8	88.3	102.1
2005	9315	98.3	88.7	102.4
2006	10111	98.2	89.5	101.9
2007	10474	98.5	90.1	101.9
2008	12129	98.4	90.5	101.6
2009	14749	97.7	91.1	101.9
2010	17485	98.1	91.8	101.5
2011	18142	98.6	93.1	101.2
2012	19012	98.9	94.2	100.9
2013	20443	99.5	95.5	100.6
2014	19873	99.8	97.0	100.6
2015	17927	100.1	98.8	100.3
2016	15947	100.0	100.9	100.4
2017	13691	100.0	102.5	99.8
2018	12974	100.2	103.9	99.5
2019	11791	100.3	104.4	99.5
2020	1415	100.4	104.4	99.4

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	35	96.6	98.7	1	-5.4	147.0	0	0.0
1981	58	95.9	98.5	3	-4.6	121.7	0	0.0
1982	86	96.3	98.8	3	-5.0	71.3	0	0.0
1983	111	96.2	98.4	3	-4.2	90.3	0	0.0
1984	254	95.6	97.7	4	-3.7	86.2	0	0.0
1985	406	95.0	97.6	442	-5.4	120.5	0	0.0
1986	684	95.4	97.6	758	-5.1	110.2	0	0.0
1987	1197	95.1	97.5	1278	-4.8	96.5	0	0.0
1988	2404	95.4	97.4	2431	-4.6	89.3	0	0.0

1989	3573	95.5	97.5	3583	-4.4	85.6	0	0.0
1990	4829	95.4	97.4	4843	-4.4	84.3	0	0.0
1991	6457	95.5	97.0	6536	-4.2	79.6	0	0.0
1992	8432	95.4	97.0	8534	-4.2	78.1	0	0.0
1993	9978	95.3	96.9	9982	-4.1	78.8	0	0.0
1994	12176	95.0	97.0	12168	-3.4	55.2	0	0.0
1995	13603	95.5	97.1	13597	-3.3	53.1	0	0.0
1996	15356	95.6	96.9	15350	-3.1	49.0	0	0.0
1997	16772	95.5	96.8	16759	-2.8	41.7	0	0.0
1998	23189	95.5	97.0	23181	-2.6	37.4	0	0.0
1999	26203	95.4	96.9	26183	-2.4	36.0	0	0.0
2000	32079	95.9	97.3	32065	-2.2	34.6	0	0.0
2001	36325	96.6	97.5	36304	-2.1	30.7	22424	97.9
2002	37119	96.5	97.3	37113	-1.8	25.5	23239	98.4
2003	38845	96.7	97.4	38846	-1.6	19.1	24314	98.9
2004	40662	96.7	97.5	40720	-1.3	15.6	25892	99.2
2005	43503	97.0	97.7	43577	-1.2	15.2	27652	99.0
2006	45969	97.7	98.2	46044	-1.1	12.4	28450	99.3
2007	45955	97.9	98.2	46046	-0.9	11.1	28215	99.3
2008	50016	98.0	98.5	50171	-0.8	10.4	30216	99.3
2009	50493	97.8	98.9	50702	-0.8	4.0	30915	100.1
2010	51233	98.2	98.9	51462	-0.6	4.3	31357	99.8
2011	51669	98.6	99.0	51958	-0.4	2.7	30758	99.9
2012	53235	98.8	99.3	53581	-0.3	1.6	30762	99.9
2013	55156	99.1	99.4	55558	-0.2	0.0	30465	100.0
2014	53995	99.4	99.5	54579	-0.1	-2.5	28480	100.2
2015	47580	99.7	99.7	48668	0.0	-4.4	25119	100.4
2016	41626	100.2	99.6	43370	0.2	-9.5	22061	101.0
2017	36592	100.7	99.7	38679	0.5	-14.8	18710	101.7
2018	34763	101.3	100.1	37030	0.7	-18.2	17276	101.9
2019	30840	101.6	100.0	33382	1.0	-21.2	11016	101.8
2020	2216	102.0	100.1	10710	1.2	-15.4	283	101.3
2021	0	0.0	0.0	8879	1.6	-18.7	0	0.0
2022	0	0.0	0.0	1019	1.8	-19.8	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	10	100.0	0	0.0	0	0.0	10	98.7
1981	22	99.6	2	97.5	2	96.0	22	97.9
1982	26	99.8	1	97.0	1	96.0	26	97.5
1983	36	100.0	0	0.0	0	0.0	36	97.1
1984	77	100.0	0	0.0	0	0.0	77	96.7
1985	72	99.9	0	0.0	0	0.0	72	96.4
1986	161	99.9	1	100.0	1	99.0	161	96.0
1987	205	99.8	3	97.3	3	95.3	205	95.8
1988	359	99.9	2	96.5	2	101.0	359	95.9
1989	469	99.8	6	96.3	6	96.7	469	95.7
1990	686	99.8	18	96.5	18	96.9	686	95.6
1991	987	99.5	34	97.0	38	97.8	987	95.0
1992	1384	99.6	21	97.1	21	97.1	1384	95.0
1993	1548	99.6	26	97.4	27	97.6	1548	95.0
1994	2089	99.2	102	99.0	103	96.5	2089	94.7
1995	2411	99.4	94	99.8	95	96.6	2411	95.0
1996	2965	99.4	85	99.2	85	97.0	2965	95.0
1997	3820	98.7	152	97.5	148	97.0	3820	94.0

1998	5637	98.7	228	98.0	225	99.0	5637	93.8
1999	7261	99.0	291	98.4	292	98.6	7261	94.5
2000	10149	99.4	450	99.8	447	98.6	10149	95.3
2001	12286	99.9	523	100.6	515	98.8	12286	95.5
2002	14242	100.1	662	100.8	669	98.8	14242	95.8
2003	16447	99.9	756	100.4	743	99.0	16447	96.2
2004	19161	99.7	933	99.9	943	99.4	19161	95.9
2005	22843	99.3	1051	99.1	1087	99.1	22843	96.1
2006	26043	99.3	1219	99.2	1259	99.1	26042	96.4
2007	28799	99.3	1257	99.0	1281	99.5	28799	96.5
2008	35460	99.8	1523	99.5	1546	99.7	35460	96.9
2009	40488	100.3	1559	100.0	1583	100.0	40488	98.0
2010	46511	100.3	1747	100.0	1775	100.2	46511	97.9
2011	47578	100.1	1800	99.7	1849	100.2	47578	98.0
2012	48905	99.8	1915	99.1	1989	100.0	48905	97.9
2013	50364	99.6	1893	98.9	1931	100.1	50364	98.3
2014	49396	99.7	1628	99.0	1691	100.0	49396	99.0
2015	43630	100.0	1236	99.5	1326	100.1	43630	99.8
2016	38221	100.1	889	99.4	1018	100.1	38221	100.4
2017	33408	100.2	562	99.3	756	100.1	33408	100.8
2018	31711	100.3	301	99.3	528	100.4	31711	101.2
2019	27974	100.3	59	99.2	177	100.1	27974	101.5
2020	2181	100.3	1	101.0	3	99.3	2181	101.9

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1983	12	100.2	99.2	102.1	99.3	98.8	100.0
1984	22	100.5	99.3	102.9	99.1	99.2	100.8
1986	24	100.0	99.0	102.0	99.5	98.9	99.4
1987	24	100.1	99.2	102.1	99.2	99.0	99.8
1988	46	100.5	99.6	102.5	99.3	99.5	100.8
1989	55	100.6	99.8	102.4	99.5	99.8	100.7
1990	74	100.6	99.8	102.3	99.5	99.7	100.6
1991	111	100.2	99.7	101.8	99.5	99.1	99.5
1992	114	100.4	99.7	101.9	99.5	99.3	99.4
1993	115	100.1	99.4	101.9	99.3	99.1	99.5
1994	286	100.9	100.6	102.8	99.8	99.1	100.4
1995	303	100.1	99.8	102.1	99.2	98.9	99.6
1996	407	99.3	98.8	101.2	98.5	98.6	98.7
1997	580	99.1	98.3	101.0	98.4	98.5	99.0
1998	829	99.2	98.7	100.9	98.6	98.1	98.8
1999	1171	99.5	98.8	101.3	99.0	98.3	98.9
2000	1580	99.5	99.1	101.2	99.0	97.9	98.7
2001	1850	99.7	99.4	101.3	98.9	98.2	99.1
2002	2202	99.4	98.9	101.1	98.7	98.3	99.1
2003	2457	99.4	99.2	100.8	98.6	98.3	99.3
2004	2909	99.4	99.3	100.7	98.7	98.3	99.1
2005	3233	99.8	99.6	100.7	99.1	98.8	99.2
2006	3921	100.6	100.7	101.3	99.6	99.3	100.2
2007	4029	100.7	101.0	101.4	99.6	99.5	100.3
2008	4707	101.0	101.3	101.8	99.7	99.5	100.8
2009	5041	101.2	101.6	101.8	99.9	99.5	100.9
2010	5315	101.1	101.5	101.6	99.9	99.5	100.7
2011	5431	100.9	101.3	101.2	99.9	99.3	100.6
2012	5591	100.7	101.0	101.1	99.9	99.2	100.3

2013	5730	100.6	100.8	100.9	99.9	99.1	100.4
2014	5253	100.5	100.3	100.9	99.9	99.2	100.1
2015	4385	100.2	100.0	100.7	99.5	99.3	100.0
2016	3509	100.0	99.7	100.5	99.3	99.4	99.9
2017	2760	100.1	99.7	100.5	99.5	99.5	100.0
2018	2033	99.9	99.3	100.4	99.1	99.8	99.9
2019	873	99.7	99.1	100.4	99.0	100.0	99.8
2020	32	99.6	98.7	100.3	98.8	99.8	99.6

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	1766	-2788.0	-89.7	-98.9	-126.8	48.0	-2.8	0.8	-631.7
1981	4121	-2722.2	-85.0	-95.0	-123.8	50.4	-0.1	0.8	-605.1
1982	8369	-2680.3	-83.8	-94.8	-121.9	49.2	-2.1	0.8	-601.1
1983	16609	-2550.2	-79.3	-91.1	-116.0	46.7	-3.4	0.8	-575.0
1984	28222	-2546.7	-79.0	-90.0	-115.8	47.1	-1.7	0.7	-569.9
1985	46060	-2592.2	-79.1	-89.8	-117.9	50.6	1.3	0.8	-569.6
1986	66615	-2583.0	-77.5	-87.8	-117.5	52.6	4.0	0.8	-558.1
1987	86861	-2499.8	-75.5	-85.0	-113.7	49.5	3.8	0.7	-541.5
1988	113453	-2415.9	-72.3	-82.0	-109.8	48.4	4.0	0.7	-521.0
1989	117189	-2347.9	-68.5	-79.8	-106.7	49.1	3.6	0.7	-503.2
1990	100520	-2281.3	-67.0	-77.4	-103.7	46.8	3.7	0.7	-489.3
1991	79362	-2107.7	-61.9	-71.5	-95.8	42.4	3.5	0.7	-451.9
1992	63092	-1951.5	-59.4	-67.3	-88.6	35.3	1.6	0.7	-427.3
1993	52499	-1875.4	-57.7	-64.7	-85.1	32.7	1.5	0.7	-411.9
1994	38964	-1756.6	-55.7	-61.4	-79.7	27.9	0.3	0.7	-392.6
1995	34477	-1655.4	-51.8	-57.7	-75.1	27.0	0.5	0.7	-367.9
1996	26174	-1573.1	-49.7	-54.8	-71.3	24.8	0.7	0.6	-350.2
1997	18872	-1518.9	-46.6	-52.3	-68.9	25.7	1.5	0.6	-332.8
1998	14390	-1449.4	-44.7	-50.1	-65.7	24.0	1.2	0.6	-319.0
1999	11269	-1381.8	-42.2	-47.5	-62.6	23.4	1.5	0.6	-302.2
2000	8596	-1257.2	-38.5	-44.1	-57.1	21.0	0.3	0.5	-278.6
2001	7109	-1187.4	-35.8	-41.2	-54.5	20.4	0.9	-0.3	-260.3
2002	5459	-1111.5	-35.7	-39.1	-51.1	16.3	0.2	-0.3	-250.7
2003	4875	-1064.8	-33.3	-37.7	-49.9	16.5	-0.2	-1.5	-239.8
2004	4293	-967.0	-30.9	-34.5	-45.2	14.0	-0.4	-1.2	-220.0
2005	3805	-914.2	-30.0	-33.2	-42.4	12.1	-1.1	-0.8	-211.8
2006	3457	-840.1	-28.2	-29.6	-38.2	10.4	0.2	0.3	-192.0
2007	3011	-737.8	-27.1	-27.0	-33.5	6.3	-1.0	0.3	-177.8
2008	2874	-636.0	-25.7	-24.2	-28.8	2.7	-1.9	0.3	-161.9
2009	2450	-639.9	-24.4	-23.2	-28.9	4.4	-0.6	0.4	-155.1
2010	2138	-597.3	-23.3	-21.5	-27.2	3.6	-0.2	0.2	-145.2
2011	1790	-537.5	-21.0	-19.5	-23.7	3.2	-0.3	1.0	-131.0
2012	1665	-522.2	-17.6	-17.5	-23.2	6.5	1.4	0.8	-115.8
2013	1623	-496.4	-16.8	-16.3	-22.2	6.1	1.7	0.6	-109.0
2014	1430	-447.7	-15.8	-14.9	-19.8	4.9	1.5	0.7	-100.2
2015	1170	-342.5	-11.8	-11.5	-15.0	4.3	1.1	0.8	-76.3
2016	858	-295.5	-7.1	-8.9	-13.1	7.4	2.3	0.4	-55.4
2017	654	-244.1	-5.6	-6.6	-10.8	6.7	2.8	0.4	-42.3
2018	569	-142.4	-0.2	-2.3	-5.8	7.8	3.6	0.9	-11.7
2019	402	-121.3	1.6	-0.3	-4.9	8.5	5.0	0.8	0.6
2020	30	-103.3	5.6	1.2	-3.4	12.0	5.8	1.5	15.5

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	2570	85.4	95.6	86.6	85.7	106.8	96.8	95.5
1981	5899	85.9	96.4	87.4	86.0	107.4	96.4	95.6
1982	12728	85.9	96.7	87.9	86.7	107.1	96.2	96.1
1983	23132	86.3	96.7	88.1	87.2	106.4	96.0	96.0
1984	32038	86.6	96.8	88.8	87.9	105.9	96.0	96.0
1985	43632	86.5	96.9	89.1	88.0	105.9	95.9	95.9
1986	54831	86.6	97.1	89.3	88.2	105.8	95.6	95.8
1987	60822	87.4	96.9	89.9	88.8	105.1	95.9	96.6
1988	65257	87.7	97.1	91.0	89.5	104.6	95.9	97.3
1989	60409	88.1	97.3	91.4	89.9	104.2	96.4	97.3
1990	50935	88.4	97.1	91.5	90.0	103.8	96.8	97.2
1991	41027	89.0	97.7	91.8	90.4	103.5	96.7	96.8
1992	33208	89.4	97.8	92.1	90.6	103.2	96.9	96.9
1993	25782	89.5	97.6	92.0	90.5	102.8	96.8	97.0
1994	18073	89.6	97.0	92.2	90.9	102.0	97.3	97.5
1995	15556	89.8	96.6	92.2	91.2	101.7	97.2	96.7
1996	11321	90.2	96.9	92.5	91.6	101.5	97.3	96.6
1997	8112	90.8	96.8	92.9	92.0	101.1	97.5	96.5
1998	6053	91.2	97.0	93.5	92.7	100.9	97.2	96.6
1999	4705	91.6	97.0	93.8	93.1	100.6	97.9	96.8
2000	3585	92.4	97.0	94.5	93.7	100.1	98.5	97.3
2001	2904	92.8	96.8	94.5	94.4	99.8	98.4	97.5
2002	2313	93.0	96.5	94.6	94.4	99.4	98.8	97.4
2003	1986	93.5	97.2	95.3	95.0	99.2	98.8	97.4
2004	1777	93.9	96.8	95.5	95.2	98.7	99.2	97.5
2005	1594	94.4	97.2	95.7	95.5	98.9	99.4	98.0
2006	1347	95.1	98.0	96.2	95.3	99.6	99.5	98.8
2007	1064	95.4	97.7	96.5	95.7	99.2	99.6	98.8
2008	1019	96.1	98.2	97.2	96.1	99.3	100.0	99.4
2009	884	95.7	98.2	96.8	95.3	99.9	99.5	99.2
2010	721	96.0	98.1	96.7	96.0	99.8	99.7	99.3
2011	542	96.3	98.5	97.4	96.9	100.2	99.3	99.2
2012	433	96.7	99.2	97.9	97.3	100.6	99.5	99.0
2013	431	97.2	99.3	97.9	97.1	100.6	99.6	99.5
2014	345	97.5	99.1	97.9	97.4	100.4	100.0	99.0
2015	305	97.6	98.9	98.1	97.8	100.3	99.8	99.9
2016	217	97.4	99.0	98.1	97.6	100.7	100.0	99.8
2017	159	98.3	99.5	98.9	98.4	100.6	99.2	100.3
2018	115	98.7	99.4	98.9	98.7	100.5	100.3	99.9
2019	65	99.0	99.6	99.1	98.7	101.0	100.4	100.1

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	2570	92.0	101.3	98.3	95.8	88.9
1981	5899	93.1	101.2	98.1	96.1	90.2
1982	12728	92.9	101.7	97.7	96.5	89.9
1983	23132	93.2	101.9	98.0	96.6	90.1
1984	32038	93.2	101.8	97.6	96.8	90.3

1985	43632	93.4	101.3	97.8	97.0	90.5
1986	54831	93.6	101.1	97.9	97.0	90.7
1987	60822	93.9	101.4	97.8	96.7	90.9
1988	65257	94.0	102.0	97.2	96.6	90.9
1989	60409	94.1	102.2	97.3	96.7	91.1
1990	50935	94.1	102.2	97.2	96.6	91.3
1991	41027	93.9	102.4	96.9	97.1	91.7
1992	33208	94.0	102.4	96.8	97.2	92.1
1993	25782	94.5	102.3	97.0	97.3	92.5
1994	18073	94.6	102.0	97.2	96.9	92.6
1995	15556	94.7	102.0	97.4	96.8	93.2
1996	11321	94.7	102.4	97.1	96.9	93.3
1997	8112	94.8	102.2	97.0	97.1	93.7
1998	6053	94.7	102.7	96.8	97.1	93.9
1999	4705	95.0	102.9	96.6	96.8	93.9
2000	3585	95.5	102.6	96.8	96.8	94.5
2001	2904	95.4	102.2	96.9	96.7	94.7
2002	2313	95.3	102.0	97.1	96.5	94.8
2003	1986	95.7	102.7	96.4	97.1	95.1
2004	1777	95.8	102.4	97.4	98.0	95.3
2005	1594	96.3	102.4	97.5	97.1	95.7
2006	1347	96.1	102.0	97.9	97.7	95.6
2007	1064	96.6	101.6	98.5	96.4	95.9
2008	1019	96.8	101.4	98.6	96.8	96.2
2009	884	96.9	101.7	98.4	96.1	96.3
2010	721	96.8	101.0	98.8	97.9	96.6
2011	542	97.1	101.4	98.6	98.2	96.5
2012	433	97.4	101.2	98.7	98.7	96.9
2013	431	98.0	101.2	98.8	97.7	97.3
2014	345	98.5	101.4	98.4	98.1	97.8
2015	305	99.1	101.2	99.0	99.3	98.6
2016	217	99.4	101.0	99.1	99.5	99.2
2017	159	100.4	100.9	99.6	100.0	99.8
2018	115	100.2	100.8	99.7	100.2	100.0
2019	65	99.9	100.2	99.8	100.2	99.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	2570	91.4	86.7	101.3	92.8	83.8	88.9	87.6
1981	5899	91.6	86.7	101.3	92.9	84.0	89.3	87.8
1982	12728	91.2	86.9	101.1	92.4	84.0	89.0	88.0
1983	23132	91.1	87.5	101.1	92.4	84.6	89.7	88.4
1984	32038	91.0	87.4	101.0	92.2	85.4	90.0	88.6
1985	43632	91.3	87.2	100.9	92.4	86.1	90.0	88.4
1986	54831	91.3	87.2	101.0	92.4	86.3	90.1	88.4
1987	60822	91.3	88.1	100.7	92.3	86.9	90.9	89.1
1988	65257	91.3	89.0	100.5	91.7	87.1	91.4	89.7
1989	60409	91.6	89.7	100.6	91.9	87.2	91.7	90.0
1990	50935	91.6	90.0	100.3	92.0	87.2	92.2	90.6
1991	41027	91.8	89.9	101.1	92.4	88.3	92.4	90.7
1992	33208	91.9	90.1	101.5	92.4	89.1	93.0	91.3
1993	25782	91.5	90.3	101.4	92.4	89.4	93.4	91.8
1994	18073	91.4	90.6	101.3	92.2	89.3	93.3	92.2
1995	15556	91.7	90.9	101.9	92.3	90.0	93.6	92.6
1996	11321	92.1	91.2	101.7	92.6	90.2	94.0	92.8

1997	8112	92.6	91.4	101.6	93.1	90.8	94.4	93.2
1998	6053	93.0	91.8	101.2	93.2	90.9	94.5	93.6
1999	4705	93.4	92.2	101.2	93.3	91.3	94.8	93.9
2000	3585	93.3	92.5	100.7	93.5	92.0	95.0	94.3
2001	2904	93.6	93.2	101.5	93.7	92.7	94.8	94.5
2002	2313	93.8	94.0	101.6	93.8	92.8	94.8	94.7
2003	1986	94.5	94.4	101.4	94.2	93.2	95.7	95.5
2004	1777	94.6	94.4	101.3	94.3	94.1	96.3	96.2
2005	1594	95.2	95.1	101.2	94.6	94.5	96.6	96.7
2006	1347	95.7	95.7	101.1	95.4	94.7	96.8	97.0
2007	1064	96.1	96.1	101.2	95.5	94.9	97.2	97.4
2008	1019	95.6	96.6	100.9	95.6	95.2	97.6	97.7
2009	884	96.3	95.9	100.9	96.2	94.9	97.5	97.3
2010	721	96.0	96.3	100.4	95.9	95.4	97.8	97.7
2011	542	96.6	97.0	100.1	96.7	95.8	98.2	98.1
2012	433	97.4	97.6	99.8	97.4	96.0	98.1	98.1
2013	431	97.4	97.8	100.5	97.8	96.2	98.3	98.3
2014	345	97.6	97.8	100.7	98.0	97.0	98.4	98.3
2015	305	98.3	98.3	100.4	98.4	97.3	98.4	98.8
2016	217	98.7	98.3	99.9	98.5	97.1	97.9	98.6
2017	159	99.1	98.2	100.2	99.2	98.1	98.2	98.3
2018	115	100.0	99.2	100.2	99.9	98.9	98.8	99.0
2019	65	100.5	98.5	100.0	100.1	98.9	98.6	98.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2570	84.4	91.3	85.1	88.9	0.0	80.3
1981	5899	84.8	92.1	85.4	90.2	0.0	81.3
1982	12728	85.3	92.7	85.1	89.7	0.0	81.2
1983	23132	85.4	92.6	85.5	90.0	0.0	81.6
1984	32038	86.0	92.9	85.9	90.1	0.0	82.0
1985	43632	86.0	93.0	86.4	90.4	0.0	82.5
1986	54831	86.1	93.2	86.5	90.6	0.0	82.7
1987	60822	87.3	93.4	87.1	90.8	0.0	83.5
1988	65257	88.2	94.1	87.2	90.8	0.0	83.9
1989	60409	88.9	94.3	87.6	91.0	0.0	84.4
1990	50935	89.3	94.0	87.7	91.1	0.0	84.7
1991	41027	89.6	94.2	88.4	91.2	0.0	85.2
1992	33208	90.1	94.2	88.9	91.6	0.0	85.9
1993	25782	90.3	93.9	89.0	92.0	0.0	86.1
1994	18073	90.9	93.7	88.8	92.2	0.0	86.2
1995	15556	90.9	93.5	89.3	92.7	0.0	86.8
1996	11321	91.4	93.8	89.7	92.8	0.0	87.2
1997	8112	92.1	94.0	90.4	93.1	0.0	88.0
1998	6053	92.5	94.5	90.7	93.2	0.0	88.4
1999	4705	93.4	94.6	91.0	93.2	0.0	88.9
2000	3585	94.6	95.0	91.4	93.8	0.0	89.8
2001	2904	95.1	95.3	91.9	93.9	0.0	90.3
2002	2313	95.4	95.1	92.0	94.1	0.0	90.5
2003	1986	96.0	95.6	92.7	94.3	0.0	91.2
2004	1777	96.4	95.4	93.2	94.7	0.0	91.8
2005	1594	97.1	95.9	93.7	95.1	0.0	92.6
2006	1347	97.9	96.5	94.2	95.1	0.0	93.2
2007	1064	98.1	96.5	94.6	95.4	0.0	93.6
2008	1019	99.0	97.2	94.5	95.8	0.0	94.2

2009	884	98.5	96.9	94.8	95.9	0.0	94.2
2010	721	98.5	97.3	94.9	96.1	0.0	94.4
2011	542	98.8	98.2	95.6	96.1	0.0	95.0
2012	433	99.3	98.8	96.2	96.5	0.0	95.7
2013	431	99.7	98.8	96.4	96.9	0.0	96.2
2014	345	99.6	98.7	96.9	97.4	0.0	96.6
2015	305	99.9	99.1	97.3	98.2	0.0	97.4
2016	217	99.9	99.3	97.4	98.8	0.0	97.8
2017	159	100.7	99.8	98.2	99.6	0.0	99.0
2018	115	100.6	99.9	99.3	99.6	0.0	99.6
2019	65	101.0	100.4	99.6	99.5	0.0	100.0

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	3795	105.5	102.7	103.4	103.6	103.2	101.0	86.2	103.5
1981	8785	104.6	102.9	102.9	103.4	102.4	100.4	86.6	103.2
1982	20014	104.6	102.6	102.7	103.1	102.2	100.1	86.4	103.0
1983	36786	104.4	102.2	102.6	102.8	102.0	100.2	87.1	102.7
1984	53417	104.3	102.2	102.5	102.7	101.8	100.1	87.4	102.7
1985	75218	104.4	102.1	102.4	102.7	101.8	99.7	87.1	102.6
1986	101352	104.2	101.9	102.2	102.4	101.5	99.2	86.9	102.3
1987	123945	104.2	101.8	102.0	102.3	101.4	100.2	87.9	102.1
1988	141409	104.0	101.1	101.5	101.7	101.0	100.4	88.3	101.6
1989	140182	103.6	100.7	101.2	101.2	100.6	99.5	89.4	101.1
1990	122505	103.3	100.6	101.1	101.2	100.4	99.3	89.9	101.1
1991	100031	103.1	100.3	100.6	100.8	100.1	99.5	90.1	100.6
1992	79197	102.9	100.2	100.4	100.6	100.0	99.9	90.4	100.4
1993	65174	103.1	99.8	100.5	100.4	100.2	100.2	90.7	100.3
1994	49703	102.9	99.5	100.4	100.1	100.1	100.0	91.1	100.2
1995	41921	102.6	99.1	99.9	99.5	99.8	99.7	91.2	99.7
1996	32196	102.3	99.1	99.8	99.4	99.6	99.8	91.7	99.5
1997	23011	102.1	99.0	99.6	99.3	99.5	99.3	92.0	99.4
1998	17364	101.6	98.9	99.2	99.0	99.0	99.3	92.7	99.0
1999	13111	101.3	98.5	98.9	98.5	98.7	99.5	92.9	98.7
2000	9933	101.0	98.5	98.7	98.4	98.5	99.4	93.6	98.5
2001	8213	101.1	98.2	98.7	98.2	98.6	99.2	93.8	98.4
2002	6379	100.8	98.6	98.7	98.4	98.5	99.4	94.0	98.6
2003	5715	100.8	98.4	98.7	98.3	98.6	100.0	94.1	98.5
2004	4947	100.8	97.9	98.5	97.9	98.6	100.3	94.3	98.2
2005	4367	100.6	98.0	98.6	98.0	98.6	99.5	95.1	98.3
2006	3903	99.9	98.3	98.0	97.7	97.9	98.0	94.8	97.8
2007	3449	100.4	98.1	98.2	97.9	98.2	98.7	95.0	98.0
2008	3365	100.2	97.8	98.0	97.6	98.1	98.6	95.2	97.7
2009	2920	100.5	98.5	98.7	98.3	98.8	99.3	95.9	98.5
2010	2520	100.8	98.1	98.7	98.2	98.8	99.3	95.5	98.4
2011	2135	100.8	98.9	99.3	99.0	99.4	99.4	95.5	99.1
2012	1958	100.8	99.4	99.8	99.5	99.6	99.1	95.1	99.7
2013	1882	100.9	99.5	100.0	99.7	100.0	99.2	95.5	99.8
2014	1710	101.5	99.8	100.5	100.3	100.6	100.2	96.2	100.3
2015	1405	100.6	99.9	100.3	100.0	100.1	99.4	96.9	100.2
2016	1070	101.0	100.3	100.8	100.8	100.8	99.7	96.4	100.7
2017	784	101.2	100.3	101.0	101.0	101.1	99.7	96.5	100.9
2018	677	101.2	100.5	101.2	101.2	101.4	99.8	96.6	101.1
2019	463	101.3	100.7	101.5	101.4	101.5	99.7	96.5	101.4
2020	115	101.7	100.3	101.6	101.3	101.8	99.8	96.5	101.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1172	99.7	90.4	96.9	100.8	105.5
1981	2641	99.2	93.0	96.6	100.6	105.1
1982	5195	99.5	93.1	96.3	100.6	104.9
1983	9678	100.0	93.8	96.1	100.2	104.4
1984	14073	99.9	94.1	95.8	99.9	103.9
1985	20051	100.0	93.9	95.7	99.7	103.8
1986	26602	100.2	94.0	95.5	99.5	103.5
1987	32682	100.2	94.6	95.3	99.3	103.1
1988	36867	99.9	94.9	95.2	99.0	102.8
1989	38234	100.5	95.0	94.7	98.2	101.9
1990	35153	100.5	95.0	94.5	97.9	101.7
1991	33543	100.2	93.9	94.1	97.3	101.0
1992	32856	99.6	94.3	94.1	97.1	100.9
1993	25446	99.4	94.7	94.4	97.3	101.0
1994	17784	99.6	95.3	94.4	97.3	100.7
1995	15181	99.9	94.9	94.2	97.0	100.2
1996	10962	100.1	94.9	94.4	97.2	100.0
1997	7844	99.8	94.7	94.7	97.3	99.8
1998	5801	99.7	94.7	94.5	96.9	99.3
1999	4459	99.7	95.2	94.7	96.9	99.4
2000	3381	99.7	95.8	94.7	96.8	99.2
2001	2716	100.1	96.2	94.6	96.5	98.6
2002	2196	100.3	96.3	94.3	96.2	97.5
2003	1867	100.3	96.3	94.5	96.3	97.8
2004	1647	99.6	96.1	94.9	96.5	98.4
2005	1470	99.8	96.6	95.0	96.2	97.8
2006	1257	100.0	97.3	95.4	96.7	98.2
2007	964	100.3	97.7	95.6	96.5	98.4
2008	929	100.2	98.4	95.7	96.7	98.3
2009	800	100.2	97.9	96.0	96.7	98.2
2010	646	100.3	97.5	96.2	96.9	98.5
2011	495	100.6	98.5	96.7	97.0	98.2
2012	396	100.4	98.9	97.5	98.1	99.2
2013	381	100.6	97.6	97.3	97.5	98.7
2014	305	100.3	98.3	98.5	98.4	99.5
2015	267	99.9	98.5	99.2	99.1	100.0
2016	199	99.9	98.2	99.6	99.4	100.3
2017	139	99.5	99.4	100.2	100.2	100.6
2018	102	99.7	99.6	100.6	100.5	100.7
2019	56	99.2	97.8	100.7	100.4	100.5

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	1766	-271.3	-631.7	-339.2	103.9	103.5	85.1	88.9	98.1	100.2
1981	4121	-266.0	-605.1	-372.1	103.6	103.2	85.4	90.2	98.0	109.9
1982	8369	-269.4	-601.1	-377.4	103.4	103.0	85.1	89.7	98.0	115.5

1983	16609	-264.9	-575.0	-402.7	102.9	102.7	85.5	90.0	98.3	100.7
1984	28222	-273.7	-569.9	-507.3	102.4	102.7	85.9	90.1	98.1	79.9
1985	46060	-232.7	-569.6	-570.8	102.3	102.6	86.4	90.4	97.9	131.2
1986	66615	-237.7	-558.1	-617.1	102.0	102.3	86.5	90.6	97.5	120.8
1987	86861	-241.5	-541.5	-655.3	101.6	102.1	87.1	90.8	97.3	105.1
1988	113453	-245.1	-521.0	-683.4	101.3	101.6	87.2	90.8	97.4	90.7
1989	117189	-246.9	-503.2	-691.8	100.4	101.1	87.6	91.0	97.2	85.9
1990	100520	-242.9	-489.3	-681.5	100.1	101.1	87.7	91.1	97.1	84.7
1991	79362	-233.1	-451.9	-636.4	99.4	100.6	88.4	91.2	97.3	79.4
1992	63092	-223.5	-427.3	-597.3	99.2	100.4	88.9	91.6	97.5	75.5
1993	52499	-216.2	-411.9	-584.1	99.3	100.3	89.0	92.0	97.8	76.2
1994	38964	-207.2	-392.6	-557.8	99.2	100.2	88.8	92.2	98.1	79.2
1995	34477	-197.7	-367.9	-498.3	98.7	99.7	89.3	92.7	98.0	81.0
1996	26174	-189.0	-350.2	-466.5	98.7	99.5	89.7	92.8	98.1	79.4
1997	18872	-181.3	-332.8	-449.1	98.6	99.4	90.4	93.1	98.0	79.1
1998	14390	-183.3	-319.0	-455.1	98.0	99.0	90.7	93.2	97.8	76.9
1999	11269	-179.0	-302.2	-442.6	98.2	98.7	91.0	93.2	97.6	74.7
2000	8596	-167.9	-278.6	-410.1	97.9	98.5	91.4	93.8	97.9	70.7
2001	7109	-161.0	-260.3	-386.9	97.4	98.4	91.9	93.9	97.9	70.3
2002	5459	-157.7	-250.7	-369.7	96.6	98.6	92.0	94.1	98.2	70.5
2003	4875	-153.4	-239.8	-367.6	96.8	98.5	92.7	94.3	98.3	65.2
2004	4293	-140.9	-220.0	-337.7	97.4	98.2	93.2	94.7	98.4	65.6
2005	3805	-139.1	-211.8	-329.7	96.8	98.3	93.7	95.1	98.5	61.5
2006	3457	-131.6	-192.0	-301.7	97.3	97.8	94.2	95.1	98.6	51.9
2007	3011	-121.5	-177.8	-273.2	97.3	98.0	94.6	95.4	98.5	50.9
2008	2874	-116.3	-161.9	-250.7	97.4	97.7	94.5	95.8	98.6	45.8
2009	2450	-107.7	-155.1	-231.9	97.3	98.5	94.8	95.9	98.7	43.5
2010	2138	-101.0	-145.2	-214.8	97.6	98.4	94.9	96.1	98.7	42.7
2011	1790	-89.9	-131.0	-182.4	97.5	99.1	95.6	96.1	98.8	37.7
2012	1665	-70.6	-115.8	-155.3	98.6	99.7	96.2	96.5	99.1	30.2
2013	1623	-67.6	-109.0	-136.3	97.9	99.8	96.4	96.9	99.5	27.1
2014	1430	-50.3	-100.2	-105.5	98.9	100.3	96.9	97.4	99.9	25.8
2015	1170	-36.7	-76.3	-82.6	99.6	100.2	97.3	98.2	99.9	21.9
2016	858	-19.8	-55.4	-52.6	99.9	100.7	97.4	98.8	100.2	18.3
2017	654	-6.6	-42.3	-12.5	100.5	100.9	98.2	99.6	100.5	14.3
2018	569	12.9	-11.7	34.7	100.7	101.1	99.3	99.6	100.8	10.3
2019	402	21.5	0.6	70.3	100.5	101.4	99.6	99.5	101.0	-0.7
2020	30	29.5	15.5	80.8	100.4	101.4	98.5	98.5	101.5	-4.7

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	45	95.9	95.7	99.7	99.6	93.8	98.0	95.1
1981	90	96.2	96.0	100.0	99.8	93.7	98.2	95.2
1982	172	96.4	96.0	100.2	100.0	94.1	98.4	94.9
1983	843	96.5	96.2	99.3	99.6	96.1	99.9	95.6
1984	1174	96.6	95.9	99.6	99.9	95.5	99.7	95.4
1985	1764	97.0	96.5	99.6	99.8	96.6	100.3	95.6
1986	3064	96.9	96.6	99.4	99.5	96.8	100.5	95.8
1987	6607	96.0	95.9	99.5	98.5	95.1	99.4	95.4
1988	11829	96.0	95.5	100.1	99.4	93.9	99.1	94.5
1989	14375	96.8	95.7	100.9	100.6	93.9	99.7	94.3
1990	14919	97.3	95.7	101.4	101.2	94.0	99.8	94.1
1991	13758	98.0	95.9	101.8	101.8	94.6	99.6	95.0
1992	11925	98.2	96.0	101.8	101.8	94.6	99.7	95.4
1993	10875	97.3	95.8	101.1	100.7	94.1	99.3	95.3

1994	7558	97.2	95.6	101.3	100.4	94.4	99.3	95.0
1995	9786	97.4	96.3	101.2	100.0	95.2	98.9	95.2
1996	5777	97.5	96.8	101.1	100.0	95.5	98.7	95.3
1997	5265	97.3	96.7	101.0	99.6	95.3	98.4	95.3
1998	4414	97.1	96.6	101.0	99.7	95.1	98.0	94.8
1999	3581	96.6	96.4	100.7	99.5	94.4	97.8	94.8
2000	2741	97.7	97.6	101.1	99.8	95.3	98.5	95.3
2001	2243	97.7	97.6	101.1	99.6	95.4	98.8	95.5
2002	1872	97.8	98.0	100.9	99.6	95.4	98.8	95.6
2003	1626	97.5	97.7	100.7	99.5	95.2	98.4	95.8
2004	1459	97.6	97.8	100.4	100.1	96.0	98.1	95.8
2005	1276	97.7	97.8	100.3	100.1	96.3	98.4	96.1
2006	1133	97.4	97.6	100.0	99.6	96.2	98.6	96.3
2007	940	97.7	98.3	99.8	99.6	96.8	98.8	96.6
2008	905	98.0	98.6	100.0	100.0	97.1	98.9	96.5
2009	825	98.4	98.5	100.2	100.2	97.4	99.1	97.1
2010	672	98.2	98.4	100.0	99.8	97.7	99.1	97.3
2011	536	98.8	99.0	99.9	100.1	98.2	99.5	98.0
2012	474	99.0	98.9	100.0	100.4	98.3	99.6	98.3
2013	426	99.2	99.0	100.1	100.5	98.4	100.0	98.5
2014	382	99.5	99.2	100.2	100.9	98.6	100.2	98.6
2015	295	99.4	99.2	100.0	100.6	98.7	100.2	99.0
2016	228	99.9	99.1	100.3	100.9	99.1	100.5	99.2
2017	166	100.4	99.5	100.7	101.3	99.2	101.4	99.4
2018	123	100.5	99.5	100.7	101.2	99.2	101.6	99.5
2019	57	101.0	100.3	100.8	101.3	99.7	101.8	100.0

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1308	96.6	100.1	96.6	100.1	93.1	101.0
1981	3327	96.6	100.3	96.6	100.3	93.1	101.0
1982	6995	96.5	100.4	96.5	100.4	93.2	100.8
1983	13722	96.8	100.4	96.8	100.4	93.5	101.0
1984	21394	96.8	100.2	96.8	100.2	93.5	100.7
1985	31541	96.6	100.1	96.6	100.1	93.3	100.5
1986	44398	96.4	99.7	96.4	99.7	93.2	100.2
1987	57557	96.1	99.7	96.1	99.7	93.1	100.4
1988	70809	96.1	99.7	96.1	99.7	93.4	100.6
1989	76700	96.3	99.5	96.3	99.5	93.8	100.3
1990	77482	96.5	99.4	96.5	99.4	94.0	100.1
1991	73368	96.9	99.5	96.9	99.5	94.4	100.2
1992	61024	97.1	99.6	97.1	99.6	94.7	100.3
1993	59391	97.5	99.7	97.5	99.7	95.0	100.6
1994	54957	98.0	99.6	98.0	99.6	95.4	100.5
1995	44329	98.5	99.1	98.5	99.1	95.7	99.9
1996	33734	98.6	99.2	98.6	99.2	95.9	100.0
1997	24571	98.7	99.0	98.7	99.0	95.8	99.9
1998	18284	98.9	98.7	98.9	98.7	96.1	99.3
1999	14011	98.8	98.4	98.8	98.4	95.9	99.1
2000	10351	98.8	98.8	98.8	98.8	96.1	99.3
2001	8002	99.2	98.6	99.2	98.6	96.4	99.6
2002	6327	99.9	98.5	99.9	98.5	97.3	99.6
2003	5423	100.0	98.5	100.0	98.5	97.5	99.1
2004	4612	100.3	98.3	100.3	98.3	97.7	99.0
2005	3974	100.3	98.5	100.3	98.5	97.4	99.2

2006	3394	100.8	98.3	100.8	98.3	97.7	98.9
2007	2878	100.6	98.2	100.6	98.2	97.6	99.1
2008	2811	100.6	98.2	100.6	98.2	98.1	99.4
2009	2509	100.6	98.5	100.6	98.5	98.5	99.5
2010	2143	100.6	98.4	100.6	98.4	98.7	99.5
2011	1823	101.0	98.2	101.0	98.2	99.2	98.8
2012	1698	101.3	98.5	101.3	98.5	99.6	99.0
2013	1649	101.2	98.8	101.2	98.8	99.7	99.4
2014	1480	101.8	98.8	101.8	98.8	100.1	99.4
2015	1240	101.7	98.7	101.7	98.7	100.0	99.2
2016	983	102.0	99.2	102.0	99.2	100.0	99.9
2017	752	101.9	99.4	101.9	99.4	100.0	100.0
2018	585	102.0	99.8	102.0	99.8	100.1	100.3
2019	373	101.7	100.0	101.7	100.0	100.1	100.5
2020	172	101.1	101.2	101.1	101.2	99.9	101.2
2021	143	100.9	100.2	100.9	100.2	99.4	100.5
2022	22	101.6	101.4	101.6	101.4	100.2	101.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1456	97.0	104.9	102.6	86.7	88.0	87.9
1981	3275	97.0	104.8	102.5	90.2	92.1	93.0
1982	6691	96.2	105.1	103.4	92.0	94.6	96.0
1983	16026	96.3	104.9	103.2	95.2	97.1	98.1
1984	23657	96.4	104.7	102.9	95.4	97.9	98.8
1985	32663	97.0	104.4	102.2	94.7	97.8	98.1
1986	45963	96.7	104.3	102.4	94.9	98.2	98.3
1987	54085	96.8	103.8	102.1	95.4	98.2	98.4
1988	59081	96.9	103.7	102.1	95.7	97.8	98.0
1989	54932	96.7	103.3	102.4	95.1	97.7	97.8
1990	47421	96.7	102.9	102.3	94.6	97.7	97.9
1991	42534	96.9	102.2	102.1	94.8	97.6	98.0
1992	34720	97.1	101.8	101.9	95.2	97.6	98.1
1993	26863	97.1	102.2	102.1	95.4	97.6	98.1
1994	19224	97.0	102.7	102.5	95.4	97.0	97.4
1995	16858	96.4	102.8	103.5	94.9	96.2	96.7
1996	12793	96.4	102.5	103.5	94.6	96.0	96.4
1997	9046	96.1	102.6	104.0	94.7	95.8	96.0
1998	6535	95.8	102.6	104.5	94.9	96.1	96.2
1999	5084	95.5	102.9	105.0	95.8	96.4	97.0
2000	3981	95.2	103.3	105.4	96.2	95.8	96.7
2001	3366	95.1	103.4	105.5	95.9	96.4	96.4
2002	2794	95.5	103.1	105.1	95.6	96.2	95.9
2003	2515	95.7	103.0	104.8	96.0	96.5	96.1
2004	2348	95.0	103.0	105.6	96.8	96.1	96.5
2005	2291	94.6	103.1	106.1	97.1	96.0	96.0
2006	2007	94.9	103.0	105.7	97.1	95.9	96.0
2007	1901	95.2	102.4	105.3	98.4	96.6	96.4
2008	1854	95.0	102.2	105.5	98.6	96.5	96.3
2009	1662	95.2	102.0	105.3	98.8	96.6	96.4
2010	1413	94.9	102.7	105.7	97.8	95.8	95.9
2011	1205	95.5	102.3	105.0	98.7	96.4	96.2
2012	1097	95.9	102.1	104.6	99.6	97.3	96.7
2013	1039	96.0	102.1	104.5	99.6	97.4	96.6
2014	899	96.3	101.9	104.3	99.5	97.0	96.3

2015	710	96.5	101.7	104.1	99.5	97.2	96.3
2016	539	96.5	101.8	104.1	100.1	97.7	96.8
2017	438	97.2	101.3	103.4	99.9	97.5	96.6
2018	308	97.1	101.3	103.4	100.6	98.3	97.0
2019	163	97.8	100.5	102.6	99.8	97.9	96.3
2020	91	99.2	98.9	100.9	101.3	99.2	98.0
2021	64	99.0	100.2	101.1	100.5	99.8	98.3
2022	11	98.1	101.3	102.3	101.4	98.9	98.4

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	1484	105.0	113.4	93.0	101.2	111.0	95.7	103.8	97.6	111.7	96.8	102.8
1981	3419	105.2	113.6	92.9	101.6	111.1	95.6	104.0	97.3	111.8	96.5	103.3
1982	7023	105.2	113.3	93.7	101.4	110.9	95.8	104.1	97.4	111.5	97.2	103.1
1983	13397	105.2	112.8	94.1	101.5	110.7	96.2	104.1	97.5	111.1	97.5	103.2
1984	20314	104.8	112.5	94.2	101.3	110.4	96.2	103.9	97.2	110.7	97.3	103.3
1985	29624	104.4	112.3	94.2	101.1	109.9	96.2	103.7	97.0	110.5	97.2	103.1
1986	40736	104.5	112.0	94.6	101.0	109.9	96.3	103.8	96.9	110.3	97.2	103.2
1987	51158	104.6	111.3	95.6	100.8	109.9	96.4	103.9	97.2	109.7	97.7	102.7
1988	61717	104.2	110.2	96.0	100.4	109.2	96.5	103.5	97.7	109.0	97.4	102.3
1989	65723	104.0	109.4	96.2	100.4	108.6	96.5	103.4	97.7	108.6	97.0	102.3
1990	65229	104.1	109.1	96.3	100.3	108.7	96.3	103.5	97.8	108.4	97.0	102.1
1991	60829	103.9	108.6	97.2	100.6	107.9	97.0	103.4	97.9	107.8	97.7	102.5
1992	55885	103.7	108.2	97.5	100.7	107.3	97.4	103.2	98.0	107.5	97.9	102.6
1993	48036	103.5	107.8	97.5	100.5	106.9	97.5	103.0	98.0	107.4	97.8	102.6
1994	36715	103.4	107.0	97.9	99.7	106.9	97.4	102.7	98.4	107.0	97.9	102.1
1995	33186	102.9	106.6	98.1	99.6	106.2	97.7	102.2	98.7	106.7	98.1	101.7
1996	27307	102.7	106.3	98.0	99.8	105.8	97.7	102.1	98.6	106.4	97.9	101.7
1997	22722	102.4	105.8	98.2	99.6	105.3	97.9	101.8	98.9	105.9	98.4	101.1
1998	16205	102.5	105.2	98.7	99.6	105.0	97.9	101.7	99.3	105.7	98.3	101.3
1999	13641	102.2	104.9	98.8	99.8	104.4	98.1	101.6	99.3	105.1	98.7	101.1
2000	9921	102.0	104.6	98.9	99.7	104.1	98.6	101.3	99.6	104.8	99.0	101.0
2001	7725	101.5	104.4	98.8	99.8	103.4	99.1	100.8	99.6	104.6	99.2	100.9
2002	6712	101.4	104.0	99.0	99.4	103.5	99.1	100.7	99.8	104.2	99.5	100.3
2003	5755	101.2	103.4	99.2	99.4	102.9	99.0	100.5	99.9	103.7	99.2	100.3
2004	5131	101.1	103.2	98.9	99.5	102.6	99.1	100.6	99.7	103.6	98.9	100.2
2005	4353	100.9	102.9	99.3	99.6	102.4	99.5	100.5	99.7	103.3	99.4	100.1
2006	3697	100.7	102.7	99.1	99.7	101.8	99.7	100.3	99.7	102.9	99.5	100.1
2007	2869	100.6	102.3	99.5	99.5	101.7	99.7	100.2	99.9	102.6	99.7	99.7
2008	2568	100.5	102.0	99.5	99.5	101.5	99.8	100.2	99.8	102.5	99.7	99.6
2009	2204	100.3	102.5	98.7	100.0	101.5	99.8	100.2	99.4	102.4	100.0	99.5
2010	1600	100.6	102.7	98.4	99.9	101.8	99.3	100.4	99.3	102.7	99.6	99.4
2011	1001	101.2	103.0	98.4	99.6	102.5	98.6	101.4	98.9	103.0	99.3	99.7
2012	601	101.6	103.1	98.4	99.8	102.8	98.2	101.9	98.7	103.0	99.2	99.7
2013	520	101.3	102.6	98.8	99.5	102.4	98.5	101.6	98.7	102.7	99.4	99.6
2014	391	101.3	102.3	99.2	99.1	102.4	98.6	101.8	98.3	102.4	99.8	99.4
2015	322	101.3	101.9	99.2	99.0	102.5	98.4	101.9	98.1	102.1	99.7	99.4
2016	221	101.4	102.0	98.9	99.0	102.6	98.4	101.9	98.4	102.4	99.5	99.7
2017	157	101.6	101.8	99.2	99.3	102.4	98.4	102.2	98.3	102.0	99.6	100.0
2018	113	101.7	101.6	99.2	99.2	102.5	98.5	102.3	98.5	102.0	99.9	99.8
2019	61	101.9	102.1	99.8	99.4	102.7	98.7	102.4	98.4	102.4	100.3	100.2

Tabel: 49 Holstein - Fries Hollands zwartbont: Kalvervitaliteit

Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1294	98.9	100.2	98.8
1981	3315	98.7	100.1	98.8
1982	6920	98.7	100.0	98.8
1983	13598	98.8	100.1	98.6
1984	21217	98.6	100.0	98.5
1985	31321	98.2	99.7	98.3
1986	44014	97.8	99.5	98.1
1987	57113	98.0	99.6	98.4
1988	70162	98.3	99.8	98.8
1989	75741	98.1	99.6	98.6
1990	76384	98.1	99.6	98.6
1991	71561	98.1	99.8	98.4
1992	60101	98.2	99.9	98.5
1993	62542	98.4	100.2	98.7
1994	62954	98.5	100.2	98.9
1995	51933	99.0	100.3	99.1
1996	40605	99.1	100.5	99.1
1997	31192	99.2	100.4	99.4
1998	23689	99.2	100.2	99.4
1999	18508	99.0	99.8	99.4
2000	14097	99.3	100.1	99.7
2001	10894	99.1	99.8	99.8
2002	8881	99.0	100.1	100.1
2003	7816	99.1	100.0	99.7
2004	6769	99.3	100.0	99.8
2005	5674	99.3	100.0	99.9
2006	4843	98.7	99.6	100.1
2007	4204	99.0	99.8	99.8
2008	4230	98.9	100.1	99.2
2009	3831	98.4	99.3	99.5
2010	3175	99.6	100.6	99.5
2011	2665	98.8	100.0	99.2
2012	2423	99.0	100.0	99.0
2013	2291	99.5	100.6	99.0
2014	2102	99.7	100.6	99.4
2015	1876	100.4	101.3	99.8
2016	1559	100.3	101.5	100.2
2017	1136	100.5	101.5	100.2
2018	971	100.5	101.3	100.3
2019	754	100.2	101.1	100.1
2020	759	100.3	101.2	99.9
2021	626	100.2	101.0	100.3
2022	73	100.1	101.0	100.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	7109	-3240.6	-13304.6	-539.7	-469.5
2002	5472	-3122.2	-12733.1	-522.9	-451.2
2003	4894	-3073.0	-12541.6	-513.2	-444.8
2004	4308	-2861.2	-11658.3	-478.8	-413.8

2005	3829	-2797.1	-11345.3	-469.1	-404.1
2006	3473	-2589.1	-10537.1	-437.2	-372.3
2007	3022	-2390.5	-9608.8	-406.2	-342.9
2008	2891	-2212.1	-8786.9	-379.2	-315.9
2009	2473	-2084.3	-8371.2	-356.3	-297.9
2010	2149	-1947.3	-7798.7	-334.8	-277.4
2011	1817	-1711.2	-6844.1	-293.7	-244.0
2012	1687	-1496.8	-6133.2	-253.8	-214.5
2013	1650	-1351.2	-5553.4	-229.3	-193.5
2014	1457	-1129.5	-4602.1	-192.9	-161.3
2015	1182	-898.0	-3663.2	-152.8	-128.5
2016	881	-620.9	-2673.9	-100.2	-91.2
2017	662	-333.0	-1542.6	-52.4	-49.2
2018	584	84.4	27.1	21.4	9.5
2019	414	360.3	1006.2	67.9	49.7
2020	29	459.0	1162.8	92.1	60.9

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

Jaar	Aantal	Eff	Int	Gewen
1980	133	96.2	91.5	102.6
1981	403	96.0	90.5	102.9
1982	453	96.4	91.4	102.7
1983	1222	97.0	92.4	102.3
1984	2081	97.0	92.1	102.3
1985	2439	97.5	92.0	102.2
1986	3402	98.1	91.5	102.1
1987	5322	98.2	90.9	102.3
1988	6826	97.9	90.3	102.8
1989	6919	98.0	89.9	102.9
1990	6468	97.7	89.9	102.9
1991	5945	97.5	90.7	101.4
1992	5070	96.9	91.0	101.0
1993	4107	96.8	90.8	101.2
1994	2870	96.8	90.5	101.5
1995	2778	97.4	90.8	101.0
1996	2018	97.6	90.9	101.1
1997	1578	97.6	90.8	101.3
1998	1148	97.6	91.0	101.2
1999	989	97.9	90.8	101.2
2000	802	97.7	90.8	100.9
2001	702	98.2	90.7	100.8
2002	667	98.5	91.2	100.2
2003	588	98.0	91.3	100.2
2004	576	97.9	91.8	100.4
2005	565	97.9	91.9	100.7
2006	495	99.2	93.0	100.3
2007	471	99.2	93.4	100.0
2008	481	99.2	93.8	99.8
2009	542	99.2	93.9	99.8
2010	597	99.3	93.8	99.8
2011	493	99.6	94.6	99.7
2012	469	99.5	95.1	100.0
2013	459	99.9	95.8	100.1
2014	407	100.0	96.6	100.0
2015	339	99.4	97.5	99.9

2016	270	99.8	98.2	100.1
2017	215	98.2	98.8	100.2
2018	172	99.3	99.3	99.7
2019	103	99.8	98.6	99.6
2020	13	99.7	99.5	100.2

Tabel: 52 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	1766	95.5	100.5	29	-5.1	100.2	0	0.0
1981	4121	95.5	101.2	54	-5.3	109.9	0	0.0
1982	8369	95.6	101.2	38	-5.3	115.5	0	0.0
1983	16609	95.6	100.7	58	-4.8	100.7	0	0.0
1984	28222	95.3	100.4	73	-4.5	79.9	0	0.0
1985	46060	95.1	100.4	58378	-5.8	131.2	0	0.0
1986	66615	95.2	100.5	78952	-5.6	120.8	0	0.0
1987	86861	95.5	100.2	95247	-5.2	105.1	0	0.0
1988	113453	95.7	99.8	116444	-4.8	90.7	0	0.0
1989	117189	95.7	99.5	117878	-4.6	85.9	0	0.0
1990	100520	95.7	99.2	101040	-4.5	84.7	0	0.0
1991	79362	96.0	99.8	80221	-4.2	79.4	0	0.0
1992	63092	95.9	99.8	63871	-4.0	75.5	0	0.0
1993	52499	95.8	99.6	52572	-3.9	76.2	0	0.0
1994	38964	96.6	99.2	38975	-3.8	79.2	0	0.0
1995	34477	96.8	99.4	34495	-3.7	81.0	0	0.0
1996	26174	97.1	99.4	26191	-3.5	79.4	0	0.0
1997	18872	97.1	99.3	18891	-3.4	79.1	0	0.0
1998	14390	97.1	98.7	14407	-3.3	76.9	0	0.0
1999	11269	96.9	98.4	11287	-3.2	74.7	0	0.0
2000	8596	97.2	98.1	8610	-2.9	70.7	0	0.0
2001	7109	97.2	98.0	7117	-2.8	70.3	2903	93.7
2002	5459	97.4	98.1	5468	-2.8	70.5	2313	93.4
2003	4875	97.3	97.7	4888	-2.6	65.2	1986	94.0
2004	4293	97.5	97.5	4306	-2.5	65.6	1777	93.8
2005	3805	97.4	97.7	3823	-2.4	61.5	1594	94.5
2006	3457	97.7	97.9	3464	-2.1	51.9	1347	95.7
2007	3011	98.1	98.2	3015	-2.0	50.9	1064	95.5
2008	2874	98.3	97.8	2884	-1.8	45.8	1019	96.4
2009	2450	98.4	98.2	2462	-1.7	43.5	883	96.5
2010	2138	98.7	98.5	2142	-1.7	42.7	721	96.5
2011	1790	98.7	98.5	1795	-1.5	37.7	542	97.2
2012	1665	98.6	98.7	1668	-1.3	30.2	433	97.9
2013	1623	98.8	98.7	1626	-1.2	27.1	431	98.2
2014	1430	99.3	98.8	1435	-1.1	25.8	345	98.1
2015	1170	99.4	99.2	1177	-0.9	21.9	305	98.2
2016	858	99.4	99.5	870	-0.7	18.3	217	98.4
2017	654	100.2	99.4	661	-0.5	14.3	159	99.2
2018	569	100.8	99.4	588	-0.2	10.3	115	99.1
2019	402	101.0	99.3	416	-0.0	-0.7	65	99.8
2020	30	101.4	99.2	46	0.3	-4.7	2	99.0
2021	0	0.0	0.0	14	0.6	-6.0	0	0.0

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

Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	454	100.0	2	99.5	2	96.5	454	98.1
1981	1224	100.0	3	97.3	3	97.7	1224	98.0
1982	2270	100.0	6	98.5	6	98.8	2270	97.7
1983	4320	100.0	5	98.4	4	99.2	4320	97.6
1984	6349	100.0	9	98.9	8	99.1	6349	97.6
1985	8168	100.0	14	98.3	13	97.5	8168	97.5
1986	10856	100.0	40	100.8	39	98.1	10855	97.6
1987	13779	100.0	43	100.5	42	98.7	13778	97.8
1988	15440	100.0	58	100.1	40	100.2	15440	97.2
1989	15332	99.7	92	98.0	83	97.8	15331	96.6
1990	14182	99.6	130	98.0	110	97.1	14175	96.5
1991	12712	100.2	446	100.9	425	99.0	12712	96.8
1992	10989	100.4	331	101.3	327	99.2	10988	96.9
1993	8969	100.2	228	101.0	210	99.3	8969	96.8
1994	6640	99.9	172	99.5	146	99.5	6640	96.9
1995	6277	99.6	219	99.1	198	99.9	6277	96.7
1996	4896	99.6	211	99.0	198	100.0	4896	96.5
1997	3891	99.3	143	99.3	136	99.5	3891	96.6
1998	3010	99.2	106	98.8	101	99.5	3010	96.8
1999	2593	99.4	98	99.1	95	99.7	2592	96.6
2000	2208	99.2	89	98.8	88	98.7	2207	96.3
2001	2017	99.3	82	99.5	80	100.0	2017	96.8
2002	1827	99.5	65	99.5	66	99.1	1827	96.1
2003	1678	99.3	69	99.1	70	99.2	1678	95.7
2004	1702	99.4	67	99.1	69	98.8	1702	95.8
2005	1694	99.4	69	99.7	73	99.3	1693	95.6
2006	1668	99.6	58	99.3	59	100.1	1668	96.6
2007	1699	99.4	54	100.2	54	100.2	1698	96.4
2008	1816	99.5	58	100.0	64	99.4	1816	96.1
2009	1875	99.9	56	100.0	60	100.0	1875	97.6
2010	1832	99.9	38	100.2	47	101.0	1832	97.6
2011	1542	100.2	22	100.0	35	100.5	1542	98.4
2012	1462	100.3	27	99.9	30	100.6	1461	98.7
2013	1376	100.4	25	100.5	31	101.2	1376	98.9
2014	1219	100.4	17	100.6	20	100.5	1219	99.6
2015	1029	100.3	16	101.1	24	100.0	1027	99.4
2016	746	100.2	7	99.3	11	101.0	746	99.8
2017	562	100.3	4	100.8	4	103.8	562	100.5
2018	477	100.3	0	0.0	4	101.0	477	100.9
2019	325	100.3	1	102.0	3	99.7	325	101.2
2020	29	100.1	0	0.0	0	0.0	29	101.1

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	53	99.4	99.8	99.6	100.0	98.5	98.0
1981	56	99.4	99.9	99.5	100.1	98.3	97.6
1982	66	99.2	99.5	99.4	99.9	98.0	97.7
1983	232	98.7	99.4	98.5	99.5	97.6	97.5
1984	245	98.6	99.3	98.6	99.3	97.5	97.6
1985	305	99.2	100.0	98.7	99.8	97.8	97.8
1986	479	99.3	100.2	98.8	99.9	98.1	98.1

1987	1090	98.7	99.1	98.6	99.6	97.8	97.2
1988	1806	97.9	98.1	98.1	99.0	97.4	96.9
1989	1928	98.0	98.1	98.3	99.2	97.5	96.7
1990	1806	98.1	98.2	98.1	99.3	97.6	96.4
1991	1687	97.6	98.1	97.1	98.9	97.2	96.6
1992	1417	97.7	98.2	97.1	99.0	97.3	96.8
1993	1214	97.8	98.2	97.4	99.0	97.6	97.0
1994	842	97.6	97.8	97.2	98.9	97.4	96.5
1995	840	97.5	97.7	96.9	99.1	96.8	95.9
1996	664	97.6	98.0	97.1	99.1	96.9	96.2
1997	513	97.6	98.0	97.1	98.9	97.2	96.6
1998	328	97.6	98.0	97.1	98.8	97.3	96.8
1999	311	97.6	97.7	97.2	98.9	97.3	97.0
2000	261	97.5	97.8	96.8	98.7	97.6	97.0
2001	218	97.4	97.1	96.9	98.9	97.4	97.0
2002	191	98.0	98.4	98.1	99.2	97.5	96.1
2003	211	97.8	98.7	97.7	98.8	97.2	95.6
2004	212	98.3	99.5	98.2	99.3	97.6	96.0
2005	214	98.9	99.9	98.9	99.7	98.2	96.5
2006	198	99.9	100.5	99.9	100.4	99.3	97.5
2007	221	100.2	101.0	100.2	100.5	99.6	98.1
2008	216	100.3	100.9	100.2	100.7	99.6	98.0
2009	222	99.9	100.6	100.1	100.3	99.1	97.8
2010	184	99.5	100.3	99.7	99.8	98.9	97.5
2011	146	99.5	100.3	99.8	99.6	99.5	97.9
2012	134	99.7	100.3	100.1	99.7	99.8	98.4
2013	142	99.4	100.1	99.6	99.5	99.4	97.8
2014	95	99.0	99.5	99.6	99.1	99.6	97.7
2015	78	99.2	99.8	99.3	99.2	99.5	97.8
2016	60	99.1	99.8	99.6	99.2	99.5	97.6
2017	32	99.1	99.4	99.4	99.0	99.7	97.5
2018	30	99.5	100.1	100.0	99.3	99.5	98.3

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14376	-1163.3	-36.7	-57.5	-59.8	29.2	-27.6	-11.9	-330.7
1981	26899	-1072.0	-34.6	-52.5	-55.6	25.0	-24.0	-11.8	-304.4
1982	47273	-1017.7	-33.3	-51.2	-53.2	22.8	-25.1	-11.7	-295.8
1983	63322	-917.7	-29.7	-48.6	-48.6	21.0	-26.5	-11.6	-276.4
1984	74867	-930.7	-28.7	-47.8	-49.2	24.3	-24.0	-11.6	-271.1
1985	73950	-965.2	-28.0	-47.3	-50.8	28.5	-20.9	-11.6	-268.1
1986	69924	-931.3	-25.2	-44.5	-49.2	30.8	-17.9	-11.6	-250.2
1987	56423	-861.8	-22.8	-42.1	-46.0	29.3	-17.8	-11.5	-234.2
1988	45171	-761.5	-20.1	-39.3	-41.5	25.6	-19.1	-11.4	-215.9
1989	33573	-704.0	-17.1	-37.6	-38.8	26.0	-19.7	-11.3	-201.9
1990	20684	-654.7	-16.2	-35.8	-36.6	23.6	-19.5	-11.2	-191.8
1991	11588	-557.2	-13.8	-32.6	-32.1	20.1	-19.8	-11.1	-172.3
1992	6305	-420.5	-11.3	-29.1	-25.9	13.8	-21.7	-10.9	-150.7
1993	4247	-368.9	-11.0	-27.3	-23.5	10.4	-21.7	-10.9	-142.1
1994	2541	-275.1	-9.3	-24.7	-19.2	6.4	-22.7	-10.7	-126.5
1995	1712	-270.2	-7.6	-23.8	-19.0	8.7	-21.6	-10.7	-119.2
1996	1142	-243.1	-6.3	-21.9	-17.8	9.0	-20.1	-10.7	-108.2
1997	763	-274.9	-5.0	-21.5	-19.2	13.2	-17.6	-10.7	-104.3
1998	607	-195.8	-5.5	-19.7	-15.6	6.4	-19.2	-10.7	-97.0
1999	399	-132.8	-1.5	-16.4	-12.8	8.2	-17.6	-10.6	-74.4

2000	357	-57.2	1.4	-13.4	-9.2	7.8	-16.8	-10.4	-55.0
2001	288	-46.8	2.1	-13.5	-6.3	8.0	-17.6	-6.4	-53.2
2002	261	62.9	3.3	-11.1	-0.3	2.2	-19.8	-4.8	-38.6
2003	219	61.6	4.1	-11.2	-0.3	3.0	-20.2	-4.7	-37.7
2004	253	86.4	5.7	-8.9	-0.2	3.5	-18.1	-6.5	-24.4
2005	200	136.8	3.4	-7.6	2.0	-2.4	-18.4	-6.4	-23.6
2006	230	183.3	7.9	-5.9	4.0	1.1	-18.4	-6.7	-6.5
2007	219	314.5	7.4	-2.4	8.4	-8.8	-20.2	-9.0	8.1
2008	209	237.5	5.9	-5.6	5.6	-5.9	-20.6	-7.9	-8.8
2009	166	219.2	5.1	-5.0	3.4	-6.1	-19.0	-10.2	-8.6
2010	134	314.1	11.0	-2.0	8.7	-3.3	-19.5	-8.3	17.4
2011	166	308.5	13.2	-0.8	8.5	0.1	-17.4	-8.3	27.0
2012	186	448.5	15.3	2.5	13.8	-5.7	-19.9	-9.9	46.5
2013	207	445.4	14.8	3.5	13.1	-6.3	-18.3	-10.8	49.5
2014	207	553.1	19.9	8.4	17.8	-5.8	-16.5	-10.9	81.5
2015	166	482.5	16.8	6.7	14.9	-5.7	-15.6	-10.6	67.1
2016	114	479.0	15.3	5.6	14.1	-7.6	-16.8	-11.5	59.4
2017	114	551.6	18.1	9.1	17.1	-8.1	-15.4	-11.7	80.6
2018	115	675.7	23.6	11.2	25.2	-8.3	-18.8	-8.2	103.1
2019	77	599.2	22.4	11.9	20.5	-5.4	-14.1	-10.0	101.9

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	24111	94.2	88.9	94.4	97.8	98.0	88.2	96.4
1981	42123	94.8	89.8	95.2	98.0	98.9	88.0	96.4
1982	72279	95.2	90.2	95.8	98.7	98.8	88.0	97.0
1983	87381	95.6	90.4	96.2	99.2	98.0	87.8	97.1
1984	78339	95.5	90.5	96.6	99.6	97.7	87.8	97.1
1985	61016	95.4	90.5	96.8	99.8	97.6	87.7	97.0
1986	46944	95.7	90.6	97.1	100.1	97.3	87.5	96.5
1987	30978	96.6	90.1	97.5	100.7	96.6	87.8	97.0
1988	20195	97.2	90.3	98.5	101.6	95.9	87.8	97.8
1989	13251	97.7	90.6	99.1	102.0	95.5	88.2	98.0
1990	8168	98.0	90.6	99.2	102.2	95.2	88.2	97.9
1991	4617	98.5	90.8	99.5	102.4	95.0	88.1	97.5
1992	2609	98.9	90.1	99.5	102.6	94.1	88.3	97.6
1993	1550	98.9	90.3	99.3	102.3	94.2	88.2	97.6
1994	908	99.2	89.7	99.6	102.8	93.3	88.7	98.1
1995	557	99.2	89.5	99.4	102.8	93.5	88.2	98.0
1996	347	99.1	89.7	99.0	102.6	93.7	88.2	97.9
1997	218	98.8	89.5	98.9	102.6	94.0	88.0	98.1
1998	157	99.3	89.3	98.5	102.4	93.8	87.7	98.3
1999	88	99.5	89.8	99.3	103.0	93.9	88.5	98.9
2000	88	99.6	90.0	99.3	102.9	94.0	87.8	100.3
2001	87	100.0	89.9	99.7	103.3	93.9	88.6	100.7
2002	101	99.7	89.7	99.0	102.7	94.4	88.7	99.7
2003	68	100.6	90.1	100.3	103.8	93.5	88.6	99.8
2004	71	100.2	91.6	100.5	103.3	95.0	89.5	99.1
2005	58	100.9	90.4	100.9	104.1	93.6	88.4	101.4
2006	44	100.8	91.2	101.1	104.2	93.9	89.0	100.5
2007	44	100.5	90.3	100.6	103.8	93.4	88.7	100.9
2008	35	101.5	90.6	101.9	105.1	92.8	88.6	101.9
2009	19	101.7	91.3	101.6	104.7	93.3	89.1	100.8
2010	13	100.5	89.8	100.5	104.8	91.8	88.7	101.6

2011	22	100.5	89.5	101.9	105.3	91.9	88.8	100.6
2012	27	102.7	90.0	102.7	105.7	92.1	88.6	100.7
2013	31	102.3	90.7	101.6	104.5	93.3	88.9	101.9
2014	36	101.8	91.0	101.0	104.0	94.2	88.8	100.4
2015	31	101.3	91.0	100.9	104.1	94.5	89.3	100.4
2016	13	102.7	91.4	102.0	105.2	93.6	89.0	100.5
2017	14	104.0	91.1	102.3	105.1	94.4	89.8	100.8
2018	10	103.7	89.9	100.6	105.1	93.4	89.8	101.5

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	24111	92.7	100.4	98.6	89.2	90.9
1981	42123	93.4	100.3	98.1	89.3	92.0
1982	72279	93.4	100.6	97.6	89.4	92.0
1983	87381	93.7	100.7	98.0	89.7	92.0
1984	78339	93.4	100.5	97.8	89.7	91.9
1985	61016	93.5	100.2	97.7	89.8	92.0
1986	46944	93.9	100.0	97.8	89.9	92.5
1987	30978	94.1	100.5	97.6	89.7	92.7
1988	20195	94.4	101.3	97.0	89.7	92.9
1989	13251	94.4	101.8	96.7	89.8	93.0
1990	8168	94.6	101.8	96.8	89.8	93.3
1991	4617	94.5	101.7	96.6	89.9	93.5
1992	2609	94.2	102.2	96.3	90.1	93.7
1993	1550	94.7	102.1	96.7	90.3	94.1
1994	908	94.8	101.8	96.5	90.0	94.3
1995	557	95.1	101.7	96.8	90.1	94.6
1996	347	95.2	101.5	96.7	90.2	94.7
1997	218	95.1	101.9	96.2	90.9	94.7
1998	157	94.9	101.6	96.2	90.8	94.9
1999	88	95.5	102.1	96.3	90.9	95.2
2000	88	96.3	101.8	96.0	91.1	95.5
2001	87	96.4	101.3	96.8	91.0	95.9
2002	101	96.5	100.5	96.8	91.1	96.2
2003	68	96.3	101.0	96.5	91.6	96.4
2004	71	96.8	100.7	97.2	92.2	97.0
2005	58	97.1	101.9	96.3	91.2	97.1
2006	44	97.0	100.9	97.0	91.8	97.2
2007	44	96.2	101.5	96.2	91.1	96.0
2008	35	97.4	100.8	97.3	91.3	97.6
2009	19	96.5	101.4	96.6	89.9	96.5
2010	13	95.5	100.8	96.5	90.6	95.5
2011	22	97.1	101.3	95.9	91.5	97.8
2012	27	97.1	100.9	97.7	91.5	97.4
2013	31	97.1	100.5	97.2	91.9	97.5
2014	36	97.3	100.2	97.7	92.0	98.0
2015	31	98.7	99.7	97.9	93.0	99.4
2016	13	98.5	100.5	97.5	92.5	98.8
2017	14	99.0	100.9	97.4	92.3	99.2
2018	10	98.1	100.7	97.2	92.1	98.8

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

Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	24111	100.2	95.5	99.9	101.8	97.5	98.7	95.9
1981	42123	100.3	95.5	100.0	101.8	97.7	99.0	95.9
1982	72279	100.2	95.7	100.0	101.6	97.9	99.0	96.3
1983	87381	99.9	96.2	100.2	101.3	98.6	99.4	96.4
1984	78339	99.8	96.0	100.2	100.9	99.2	99.7	96.7
1985	61016	99.7	95.9	100.2	101.0	99.6	99.6	96.6
1986	46944	99.8	95.9	100.2	101.2	100.0	99.7	96.4
1987	30978	100.0	96.8	99.8	101.3	100.4	100.4	97.1
1988	20195	100.3	98.2	99.4	101.0	100.6	100.8	97.6
1989	13251	100.7	98.8	99.4	101.1	100.8	100.9	97.8
1990	8168	100.8	99.2	99.1	101.4	100.8	101.5	98.4
1991	4617	101.0	99.1	99.5	101.7	101.5	101.6	98.4
1992	2609	100.9	99.3	99.8	101.9	102.3	102.3	99.4
1993	1550	100.6	99.4	99.7	101.9	102.7	102.5	99.5
1994	908	100.6	99.5	100.0	101.8	102.8	102.6	100.0
1995	557	100.9	99.8	100.1	102.0	102.5	102.6	100.2
1996	347	100.9	99.9	99.9	102.4	102.4	102.7	100.2
1997	218	101.5	100.7	99.4	102.6	102.6	103.1	100.9
1998	157	101.9	101.1	99.4	103.3	102.5	103.5	101.1
1999	88	101.1	100.9	100.1	102.0	102.5	102.8	100.5
2000	88	102.1	101.6	98.8	103.3	102.8	103.5	101.7
2001	87	102.2	103.0	99.3	103.5	103.0	103.9	102.1
2002	101	102.3	102.1	99.2	103.5	103.2	103.4	101.4
2003	68	102.5	103.6	98.6	103.9	103.9	104.7	103.1
2004	71	102.7	103.2	98.9	103.8	103.4	104.3	102.2
2005	58	102.4	104.1	98.7	103.3	104.0	105.1	103.5
2006	44	102.0	103.8	99.8	102.7	103.9	104.9	103.0
2007	44	102.2	103.3	99.1	103.2	104.1	104.7	103.0
2008	35	101.5	104.6	98.9	102.5	104.8	106.0	104.3
2009	19	102.1	102.6	99.8	103.1	105.2	104.8	102.9
2010	13	102.6	104.8	99.2	103.2	104.0	105.2	104.0
2011	22	102.5	103.3	100.0	102.8	106.0	105.5	103.5
2012	27	103.4	105.3	98.6	104.5	106.0	106.5	105.4
2013	31	102.3	104.4	98.5	103.7	105.3	105.9	104.4
2014	36	101.7	104.6	99.4	103.1	104.9	105.3	103.4
2015	31	102.6	104.5	98.8	103.5	105.1	104.9	103.2
2016	13	103.2	105.0	99.3	104.0	107.0	106.0	104.5
2017	14	102.7	103.7	99.1	104.1	104.9	105.1	103.7
2018	10	105.2	104.9	101.7	105.4	107.7	105.7	104.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	24111	85.1	90.1	97.5	89.8	94.4	88.1
1981	42123	85.8	91.2	97.7	90.9	95.1	89.2
1982	72279	86.7	91.7	97.8	90.8	95.0	89.4
1983	87381	87.1	91.6	98.1	90.9	94.6	89.6
1984	78339	87.2	91.7	98.2	90.7	94.6	89.6
1985	61016	87.2	91.9	98.3	90.8	94.6	89.7
1986	46944	87.1	91.7	98.6	91.3	94.4	89.9
1987	30978	87.7	91.5	99.4	91.6	93.9	90.4
1988	20195	88.7	91.8	100.1	91.8	93.4	91.0

1989	13251	89.5	92.0	100.4	91.8	93.3	91.3
1990	8168	89.6	91.9	101.0	92.1	93.0	91.7
1991	4617	89.6	91.7	101.4	92.2	93.0	91.9
1992	2609	89.6	91.2	102.1	92.2	92.5	92.0
1993	1550	89.6	91.1	102.3	92.7	92.5	92.3
1994	908	90.0	90.7	102.3	92.9	91.8	92.3
1995	557	89.6	90.8	102.5	93.4	91.9	92.5
1996	347	89.4	90.7	102.7	93.4	91.9	92.6
1997	218	89.2	90.8	103.3	93.4	92.0	92.8
1998	157	89.1	90.6	103.9	93.4	92.0	93.0
1999	88	90.3	91.4	102.9	93.9	92.0	93.2
2000	88	90.7	91.9	104.2	94.3	92.4	94.3
2001	87	91.6	92.3	104.9	94.6	92.5	95.0
2002	101	90.7	91.9	104.6	94.8	92.6	94.7
2003	68	91.5	92.0	106.0	95.0	92.2	95.6
2004	71	92.1	93.2	105.6	95.9	93.8	96.4
2005	58	92.6	92.9	106.0	95.9	92.8	96.4
2006	44	92.8	93.2	105.5	96.1	93.1	96.4
2007	44	92.2	92.9	105.7	94.8	93.0	95.7
2008	35	93.5	93.2	106.3	96.8	92.6	97.1
2009	19	93.4	93.3	105.9	95.4	92.7	96.4
2010	13	92.5	91.8	106.3	94.5	91.1	95.4
2011	22	92.3	91.8	106.6	96.6	91.3	96.5
2012	27	93.3	92.6	108.4	96.4	92.1	97.7
2013	31	93.7	93.5	106.9	96.3	93.1	97.4
2014	36	92.9	93.1	106.5	96.9	93.6	97.4
2015	31	92.8	93.7	106.7	98.5	93.8	98.3
2016	13	93.7	93.5	108.3	98.0	92.8	98.8
2017	14	94.3	94.3	106.6	98.4	93.8	98.6
2018	10	93.7	93.1	109.3	97.9	92.7	99.0

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	44586	101.8	100.4	100.4	99.9	101.2	101.4	93.3	100.5
1981	78724	101.0	100.6	99.9	99.8	100.3	100.5	93.8	100.1
1982	137315	100.6	100.4	99.7	99.5	100.0	100.2	94.3	99.9
1983	171164	100.7	99.9	99.5	99.0	99.7	100.0	94.7	99.5
1984	163963	100.9	99.6	99.5	99.0	99.8	99.9	94.9	99.5
1985	133593	100.9	99.5	99.4	98.9	99.7	99.7	94.7	99.4
1986	112345	100.6	99.4	99.1	98.6	99.4	99.3	94.8	99.1
1987	84355	100.4	99.3	98.8	98.4	99.2	100.2	95.8	98.9
1988	57939	100.1	98.7	98.5	97.8	98.9	100.6	96.4	98.4
1989	40667	99.7	98.3	98.0	97.3	98.3	99.7	97.5	97.9
1990	25709	99.2	98.4	97.9	97.3	98.1	99.4	97.9	97.8
1991	14771	99.2	98.2	97.7	97.1	98.0	99.7	98.2	97.6
1992	8206	99.1	98.0	97.6	97.0	98.0	100.1	98.3	97.5
1993	5416	99.4	97.9	97.8	96.9	98.4	100.6	98.4	97.6
1994	3313	99.2	97.6	97.7	96.7	98.2	100.4	98.7	97.4
1995	2153	99.0	97.6	97.5	96.6	98.1	100.2	98.5	97.3
1996	1435	98.9	97.6	97.6	96.6	98.1	100.2	98.8	97.3
1997	966	99.0	97.6	97.6	96.7	98.1	100.0	98.8	97.3
1998	767	98.7	97.8	97.5	96.7	97.9	99.9	98.9	97.3
1999	497	98.6	97.8	97.4	96.7	97.8	99.7	98.9	97.2
2000	445	98.6	97.6	97.2	96.5	97.6	99.3	99.0	97.0
2001	366	98.7	97.3	97.3	96.3	97.7	99.4	99.5	97.0

2002	341	98.3	97.5	97.1	96.3	97.6	99.1	99.4	96.9
2003	303	98.6	97.5	97.3	96.5	97.9	99.6	99.4	97.1
2004	357	98.8	97.6	97.5	96.7	98.0	99.5	99.2	97.3
2005	278	98.4	97.3	97.2	96.3	97.7	99.5	99.7	96.9
2006	307	98.6	97.4	97.4	96.5	97.9	99.3	99.3	97.2
2007	309	98.9	96.8	97.4	96.2	98.1	99.8	100.0	96.9
2008	305	99.1	97.0	97.4	96.3	98.2	99.7	99.8	97.0
2009	270	98.9	97.7	97.9	96.9	98.5	99.6	100.3	97.6
2010	217	98.9	98.1	98.2	97.3	98.6	99.8	100.6	97.9
2011	277	98.6	98.3	98.1	97.5	98.6	99.4	100.2	98.0
2012	288	98.5	97.9	97.8	97.0	98.3	99.2	99.8	97.6
2013	267	98.3	98.3	98.0	97.4	98.4	99.0	100.0	97.9
2014	278	98.2	98.0	97.8	97.1	98.2	98.8	99.8	97.6
2015	218	98.3	98.1	97.8	97.2	98.3	98.7	100.0	97.7
2016	161	98.3	98.8	98.4	97.9	98.8	99.0	99.9	98.4
2017	145	98.3	98.6	98.4	97.8	98.8	98.8	100.8	98.3
2018	146	98.4	98.7	98.5	97.9	98.9	99.2	100.5	98.4
2019	103	98.3	98.6	98.4	97.8	98.8	99.2	100.8	98.3
2020	27	98.7	98.6	98.5	98.0	98.9	98.6	99.6	98.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	9327	97.8	89.2	96.4	104.4	105.3
1981	16411	97.5	90.3	95.8	104.1	104.8
1982	27523	97.6	90.7	95.4	103.7	104.1
1983	33858	98.0	90.7	95.1	103.3	103.7
1984	32341	98.2	91.5	94.8	102.9	103.2
1985	26389	98.2	91.9	94.8	102.9	103.4
1986	22646	98.4	92.6	94.7	102.6	103.0
1987	16954	98.1	93.7	94.6	102.6	102.8
1988	11953	98.0	94.3	94.7	102.6	102.7
1989	8448	98.7	94.3	94.1	101.7	101.8
1990	5782	98.6	94.3	93.8	101.3	101.7
1991	3742	98.3	93.8	93.6	100.9	101.2
1992	2570	97.8	93.9	93.5	100.6	100.9
1993	1523	97.6	94.7	93.8	101.0	101.3
1994	891	97.6	94.7	93.9	100.9	101.0
1995	523	98.2	94.6	93.8	100.9	101.0
1996	305	98.3	94.9	94.1	101.2	101.2
1997	197	98.2	95.1	94.1	101.1	101.2
1998	145	98.0	95.6	93.7	100.8	101.0
1999	81	97.6	95.6	93.4	100.3	100.7
2000	78	99.1	96.0	93.6	100.2	100.5
2001	68	99.2	96.9	93.8	100.3	100.3
2002	79	98.8	96.0	93.9	100.2	99.9
2003	61	99.2	96.6	93.9	99.8	100.0
2004	62	98.7	96.8	94.1	100.2	100.2
2005	43	98.9	92.6	94.0	100.1	100.3
2006	38	98.5	98.5	94.6	100.4	100.5
2007	34	97.8	98.2	93.6	99.4	99.6
2008	32	99.1	97.7	94.2	99.6	99.6
2009	10	99.5	88.9	94.1	99.5	99.5
2010	11	98.5	97.6	94.9	100.5	99.9
2011	21	98.3	92.8	94.8	99.8	99.3
2012	21	98.0	92.7	94.9	100.0	99.5

2013	25	99.2	94.2	95.4	100.4	99.7
2014	35	99.1	93.1	94.8	100.0	99.0
2015	30	98.3	98.7	95.4	100.6	99.9
2016	13	98.2	90.8	96.1	101.0	100.2
2017	14	97.4	69.8	95.9	101.1	100.1
2018	10	97.9	97.9	96.8	101.7	100.6

Tabel: 62 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	14376	-135.8	-330.7	51.9	105.5	100.5	97.5	89.8	98.4	107.5
1981	26899	-133.1	-304.4	13.9	105.0	100.1	97.7	90.9	98.4	104.4
1982	47273	-139.2	-295.8	-3.8	104.4	99.9	97.8	90.8	98.1	104.4
1983	63322	-137.9	-276.4	-43.8	104.0	99.5	98.1	90.9	98.2	108.0
1984	74867	-157.7	-271.1	-177.2	103.5	99.5	98.2	90.7	98.0	92.0
1985	73950	-165.4	-268.1	-264.3	103.5	99.4	98.3	90.8	97.8	109.5
1986	69924	-164.8	-250.2	-309.9	103.2	99.1	98.6	91.3	97.5	104.3
1987	56423	-157.2	-234.2	-346.3	103.0	98.9	99.4	91.6	97.3	96.4
1988	45171	-152.0	-215.9	-356.8	103.0	98.4	100.1	91.8	97.4	87.6
1989	33573	-153.7	-201.9	-371.0	102.0	97.9	100.4	91.8	97.2	83.0
1990	20684	-146.2	-191.8	-362.1	101.7	97.8	101.0	92.1	97.1	80.9
1991	11588	-140.2	-172.3	-337.3	101.2	97.6	101.4	92.2	97.4	78.8
1992	6305	-129.4	-150.7	-294.6	100.8	97.5	102.1	92.2	97.8	79.4
1993	4247	-119.2	-142.1	-289.3	101.3	97.6	102.3	92.7	98.1	80.6
1994	2541	-112.5	-126.5	-266.5	101.0	97.4	102.3	92.9	98.4	81.9
1995	1712	-106.8	-119.2	-239.4	101.1	97.3	102.5	93.4	98.4	82.6
1996	1142	-100.3	-108.2	-223.1	101.3	97.3	102.7	93.4	98.4	81.8
1997	763	-96.6	-104.3	-233.8	101.3	97.3	103.3	93.4	98.5	80.1
1998	607	-92.9	-97.0	-220.5	101.0	97.3	103.9	93.4	98.6	79.7
1999	399	-84.8	-74.4	-202.8	100.5	97.2	102.9	93.9	98.7	77.2
2000	357	-79.3	-55.0	-190.9	100.4	97.0	104.2	94.3	98.5	71.8
2001	288	-73.7	-53.2	-175.3	100.4	97.0	104.9	94.6	98.6	70.8
2002	261	-68.4	-38.6	-159.0	100.1	96.9	104.6	94.8	98.6	70.3
2003	219	-64.5	-37.7	-144.9	99.9	97.1	106.0	95.0	98.7	69.0
2004	253	-52.8	-24.4	-132.2	100.2	97.3	105.6	95.9	98.8	65.3
2005	200	-50.2	-23.6	-113.2	100.2	96.9	106.0	95.9	99.1	65.6
2006	230	-36.6	-6.5	-87.2	100.5	97.2	105.5	96.1	99.4	63.3
2007	219	-40.9	8.1	-114.9	99.4	96.9	105.7	94.8	99.3	65.2
2008	209	-42.6	-8.8	-102.1	99.5	97.0	106.3	96.8	99.4	57.5
2009	166	-36.4	-8.6	-119.4	99.4	97.6	105.9	95.4	99.6	63.6
2010	134	-22.9	17.4	-47.3	100.2	97.9	106.3	94.5	99.8	61.9
2011	166	-18.4	27.0	-23.3	99.5	98.0	106.6	96.6	99.9	58.5
2012	186	-8.8	46.5	26.8	99.7	97.6	108.4	96.4	100.0	53.3
2013	207	-7.4	49.5	52.6	99.9	97.9	106.9	96.3	100.0	49.0
2014	207	4.5	81.5	53.7	99.4	97.6	106.5	96.9	100.4	47.2
2015	166	13.3	67.1	66.4	100.2	97.7	106.7	98.5	100.5	43.8
2016	114	20.6	59.4	79.7	100.7	98.4	108.3	98.0	100.4	43.8
2017	114	30.0	80.6	89.2	100.6	98.3	106.6	98.4	100.7	34.4
2018	115	42.8	103.1	118.0	101.2	98.4	109.3	97.9	100.9	38.9
2019	77	47.4	101.9	127.3	101.3	98.3	113.8	96.5	101.1	37.2

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	24	94.8	95.9	97.6	96.7	95.4	99.3	97.4
1981	41	94.2	95.5	97.3	95.9	93.9	98.0	98.3
1982	91	94.5	95.6	97.6	96.2	94.2	98.5	98.0
1983	1191	94.6	95.3	97.2	96.5	97.0	101.8	96.5
1984	1169	94.7	95.4	97.3	96.6	97.0	101.8	96.5
1985	1183	94.7	95.4	97.2	96.6	97.2	101.9	96.5
1986	1574	94.8	95.4	97.3	96.6	97.1	101.9	96.4
1987	1549	94.5	94.8	97.9	96.2	95.7	101.1	96.2
1988	1981	94.5	94.4	98.7	97.1	93.8	100.4	95.4
1989	1752	95.0	94.6	99.2	97.9	93.6	100.6	95.2
1990	1223	95.4	94.6	99.6	98.5	93.7	100.7	94.9
1991	944	96.1	94.4	100.2	99.4	94.1	100.5	95.5
1992	598	96.5	94.3	100.7	99.9	94.1	100.4	95.9
1993	383	95.8	94.3	99.8	98.9	93.8	100.1	96.1
1994	226	95.4	94.0	99.8	98.2	93.9	100.0	95.8
1995	226	95.2	94.7	99.4	97.3	94.7	99.6	95.7
1996	122	95.0	95.0	99.2	97.2	94.8	99.1	95.8
1997	80	95.4	94.7	99.7	97.6	94.8	99.0	95.7
1998	92	94.9	94.2	99.6	97.1	94.3	98.4	95.7
1999	44	94.2	94.3	98.8	96.9	93.6	98.3	95.4
2000	43	94.4	93.9	99.1	97.4	93.5	99.1	94.9
2001	28	94.8	94.9	98.7	97.1	94.8	99.4	95.9
2002	43	95.2	94.7	99.3	97.7	94.4	99.3	95.9
2003	42	94.6	94.5	98.8	97.0	94.4	98.4	96.2
2004	49	95.6	95.3	99.2	97.9	95.3	98.6	96.6
2005	34	95.2	95.0	99.0	97.7	94.8	99.4	96.0
2006	27	94.6	95.5	97.9	96.6	95.4	98.4	96.6
2007	13	95.8	96.2	99.1	97.5	95.8	99.3	96.7
2008	16	95.6	95.2	98.8	97.4	95.5	99.5	97.3
2014	10	96.8	97.7	98.5	97.6	97.8	98.6	98.9
2015	16	97.0	97.8	98.4	97.9	98.0	98.7	99.2

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	11153	100.9	97.0	100.9	97.0	92.2	97.9
1981	21200	100.9	97.3	100.9	97.3	92.3	97.8
1982	37784	100.5	97.3	100.5	97.3	92.1	97.5
1983	48376	100.5	97.2	100.5	97.2	92.2	97.4
1984	50140	101.0	96.7	101.0	96.7	92.5	96.9
1985	44291	100.7	96.7	100.7	96.7	92.1	96.6
1986	41433	100.6	96.5	100.6	96.5	92.0	96.7
1987	33302	100.3	96.3	100.3	96.3	91.9	96.9
1988	25680	100.7	96.2	100.7	96.2	92.6	97.2
1989	20282	100.5	96.2	100.5	96.2	92.8	97.1
1990	14843	100.9	95.9	100.9	95.9	93.0	96.8
1991	10093	101.1	96.3	101.1	96.3	93.3	96.7
1992	5950	101.6	96.4	101.6	96.4	93.7	96.8
1993	4449	101.9	96.5	101.9	96.5	93.8	97.1
1994	3300	102.3	96.5	102.3	96.5	94.1	97.2
1995	2199	102.6	96.4	102.6	96.4	94.1	96.8
1996	1554	102.6	96.3	102.6	96.3	94.2	96.9
1997	1100	102.7	96.5	102.7	96.5	94.0	97.0

1998	904	102.6	96.4	102.6	96.4	94.1	96.9
1999	695	102.6	96.6	102.6	96.6	94.1	97.0
2000	608	102.4	96.6	102.4	96.6	94.1	96.7
2001	446	102.5	96.6	102.5	96.6	94.0	96.8
2002	431	102.5	96.5	102.5	96.5	94.3	96.8
2003	396	102.6	96.6	102.6	96.6	94.4	96.8
2004	436	102.8	96.4	102.8	96.4	94.6	96.8
2005	327	103.0	96.7	103.0	96.7	94.7	96.9
2006	317	103.2	96.9	103.2	96.9	94.8	97.3
2007	317	103.1	97.0	103.1	97.0	94.9	97.0
2008	320	103.0	97.0	103.0	97.0	94.9	97.1
2009	294	103.3	97.2	103.3	97.2	95.5	97.2
2010	231	103.6	97.1	103.6	97.1	95.7	97.3
2011	283	103.6	97.1	103.6	97.1	95.7	97.3
2012	328	103.7	96.7	103.7	96.7	96.1	97.2
2013	304	103.6	97.1	103.6	97.1	96.0	97.6
2014	298	103.7	97.1	103.7	97.1	96.0	97.6
2015	262	104.1	97.3	104.1	97.3	96.3	97.6
2016	212	103.9	97.3	103.9	97.3	96.3	97.7
2017	195	104.0	97.0	104.0	97.0	96.4	97.5
2018	192	104.4	97.1	104.4	97.1	96.9	97.5
2019	182	104.6	97.2	104.6	97.2	97.0	97.7
2020	148	104.5	97.2	104.5	97.2	97.0	97.6
2021	195	104.7	96.7	104.7	96.7	97.1	97.5
2022	22	105.5	93.2	105.5	93.2	98.2	94.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	13659	98.3	102.9	103.5	87.8	85.3	84.9
1981	23437	98.3	102.4	103.5	90.1	88.0	88.4
1982	40121	97.5	102.8	104.4	92.3	90.2	91.1
1983	67200	97.4	102.5	104.4	94.4	92.1	92.4
1984	66186	97.2	102.4	104.5	95.2	93.5	94.0
1985	52591	97.8	102.1	103.7	94.8	93.6	93.4
1986	43099	97.9	102.1	103.5	95.4	94.7	94.1
1987	30122	97.5	101.9	103.9	96.2	94.6	94.4
1988	20272	97.6	101.9	103.8	96.7	94.2	93.5
1989	13237	96.8	101.7	104.8	96.6	94.4	93.8
1990	8225	97.0	101.3	104.6	95.7	94.1	94.0
1991	5385	97.3	101.0	104.3	96.0	94.4	94.6
1992	3208	97.6	100.8	104.0	96.6	94.5	94.7
1993	1963	97.8	101.2	103.9	95.2	93.2	93.2
1994	1177	98.1	101.3	103.8	94.1	91.8	91.7
1995	739	97.5	101.6	104.7	91.3	89.9	89.9
1996	537	98.2	100.6	104.0	94.8	94.0	93.9
1997	293	98.7	100.2	103.4	95.1	94.6	94.5
1998	251	99.5	99.5	102.5	93.5	93.3	92.7
1999	202	99.4	99.8	102.9	94.0	94.5	93.6
2000	181	98.5	100.1	103.8	95.9	96.1	95.6
2001	157	98.6	100.2	103.8	96.7	96.7	96.0
2002	159	99.2	99.9	103.0	97.9	97.8	96.9
2003	142	99.0	99.7	103.3	97.5	97.0	96.2
2004	145	99.2	99.9	103.1	97.2	96.4	95.3
2005	139	99.1	99.9	103.2	95.1	94.4	93.3
2006	149	99.4	99.2	102.8	96.5	96.0	95.6

2007	222	99.2	99.4	103.0	92.5	91.8	91.5
2008	203	98.9	99.6	103.3	98.8	97.6	97.4
2009	163	99.5	99.4	102.7	97.1	96.0	95.5
2010	148	99.8	99.6	102.2	98.9	98.0	97.5
2011	186	100.3	98.4	101.9	97.4	96.0	94.9
2012	229	100.1	97.8	102.1	100.8	97.6	96.4
2013	205	99.6	97.8	102.8	100.1	96.1	95.1
2014	251	99.7	97.3	102.8	100.4	96.0	94.8
2015	220	100.4	98.0	102.1	100.1	96.6	95.5
2016	162	100.1	97.7	102.2	101.3	96.8	95.4
2017	145	100.2	98.3	102.3	99.6	94.4	93.6
2018	130	100.0	98.2	102.4	95.5	90.8	89.9
2019	108	100.8	97.9	101.4	98.0	93.0	92.0
2020	86	100.1	98.5	102.2	99.2	93.9	92.7
2021	99	101.2	98.1	100.9	98.9	93.2	92.5
2022	12	101.5	97.8	100.8	103.8	97.8	96.7

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	12908	99.1	95.9	98.6	96.7	99.4	97.4	100.2	97.4	100.4	96.7	97.8
1981	23157	99.2	96.1	98.4	97.3	99.7	97.0	100.7	96.7	100.4	96.3	98.3
1982	39979	99.5	95.8	98.9	97.2	99.6	97.1	101.1	96.6	100.3	96.8	98.5
1983	50874	99.4	95.1	99.6	97.2	99.3	97.3	101.2	96.7	99.6	97.0	98.3
1984	50843	99.1	94.9	99.6	96.9	99.3	97.4	100.9	96.3	99.6	96.5	98.7
1985	43978	98.7	94.7	99.7	96.7	98.8	97.7	100.6	96.1	99.4	96.5	98.7
1986	39949	98.6	94.4	100.0	96.6	98.5	97.9	100.5	96.1	99.1	96.7	98.6
1987	31549	98.7	93.7	100.7	96.5	98.3	98.1	100.5	96.8	98.6	97.2	98.3
1988	23880	98.2	92.3	101.2	96.2	97.1	98.3	99.8	97.5	97.6	96.9	97.7
1989	18439	98.0	91.3	101.4	96.3	96.2	98.4	99.8	97.9	96.9	97.1	97.3
1990	13439	98.1	91.2	101.5	96.4	96.2	98.1	99.9	98.0	96.6	96.8	97.1
1991	8950	97.9	91.0	102.0	96.6	95.6	98.8	99.8	97.9	96.3	97.5	97.6
1992	5740	97.5	90.5	102.3	96.4	94.9	99.0	99.5	98.0	96.0	97.4	97.5
1993	4057	97.2	90.2	102.1	96.2	94.7	99.1	99.3	97.9	95.8	97.5	97.2
1994	2537	97.2	89.6	102.6	95.6	94.7	99.1	99.0	98.4	95.6	97.5	96.9
1995	1761	97.0	89.7	102.3	95.5	94.6	99.1	98.7	98.3	95.6	97.5	96.5
1996	1320	96.8	89.9	102.0	95.4	94.9	99.0	98.6	98.0	95.8	97.4	96.2
1997	1047	96.6	89.8	102.0	95.2	94.8	99.0	98.3	98.1	95.6	97.6	95.6
1998	760	96.7	90.0	102.2	95.0	95.2	98.9	98.5	97.8	95.8	97.6	95.6
1999	602	96.5	90.1	102.4	94.9	95.1	99.1	98.3	97.8	95.9	97.6	95.6
2000	511	96.2	89.9	102.2	94.8	94.8	99.3	97.9	97.9	95.8	97.5	95.6
2001	378	96.1	89.6	102.1	94.7	94.6	99.4	97.9	97.8	95.4	97.6	95.2
2002	380	95.9	89.4	102.0	94.7	94.6	99.5	97.9	97.1	95.3	97.5	95.4
2003	344	95.9	89.6	101.5	94.7	94.6	99.4	97.7	97.5	95.4	97.3	95.3
2004	389	95.8	90.0	101.8	94.8	94.7	99.6	97.6	97.4	95.8	97.6	95.4
2005	299	95.6	89.5	101.9	94.7	94.2	99.8	97.3	97.6	95.4	97.6	95.1
2006	295	95.3	89.8	101.4	95.0	93.9	100.1	97.0	97.6	95.4	97.5	95.0
2007	252	95.2	89.5	101.2	95.1	93.7	99.7	97.1	97.5	95.1	97.3	95.1
2008	214	94.9	89.4	101.0	95.3	93.4	100.1	96.9	97.3	95.0	97.3	95.3
2009	167	95.1	89.6	101.0	95.5	93.5	100.2	96.8	97.7	95.1	97.7	94.8
2010	116	94.7	88.2	102.0	94.5	92.8	100.1	96.7	97.6	94.1	97.6	94.6
2011	104	94.0	88.7	102.2	94.3	92.8	101.4	95.8	97.2	94.7	98.4	94.0
2012	64	94.6	88.7	101.9	94.3	93.2	100.7	96.1	98.1	94.9	98.2	94.2
2013	41	93.4	87.3	101.8	94.1	91.4	101.6	95.0	98.1	93.7	98.0	94.2
2014	40	93.5	87.8	102.2	94.3	91.5	102.0	95.0	98.3	94.2	98.2	94.2
2015	31	93.8	87.2	102.6	93.9	91.5	101.1	95.4	98.5	93.4	98.5	93.5

2016	13	94.8	87.0	102.7	94.3	92.2	100.2	96.8	98.5	93.2	97.7	94.5
2017	14	94.9	87.6	102.2	94.8	92.5	101.1	96.7	98.0	93.9	98.6	94.6
2018	10	93.7	86.1	103.0	93.7	91.7	100.7	95.6	97.9	92.7	97.6	94.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	11078	100.5	98.9	100.8
1981	21159	99.9	98.6	100.5
1982	37650	99.5	98.2	100.4
1983	48164	99.7	98.5	100.2
1984	50000	99.8	98.4	99.8
1985	44053	99.3	98.3	100.0
1986	41232	98.9	98.0	99.7
1987	33061	99.1	98.0	99.9
1988	25466	99.6	98.2	100.8
1989	20037	99.2	97.8	100.3
1990	14691	99.6	98.1	100.2
1991	9757	99.5	98.2	100.2
1992	5769	99.5	98.4	100.5
1993	4814	99.7	98.6	100.4
1994	4137	99.8	98.7	100.6
1995	2706	100.1	98.8	100.8
1996	1883	100.0	98.8	100.8
1997	1342	99.9	98.6	100.9
1998	1044	100.0	98.6	100.9
1999	792	100.1	98.7	100.8
2000	684	100.2	98.7	100.7
2001	517	100.4	99.0	100.8
2002	476	100.3	98.8	100.6
2003	426	100.3	98.9	100.5
2004	518	100.7	99.2	100.4
2005	395	100.9	99.3	100.6
2006	372	100.9	99.3	100.4
2007	368	101.1	99.5	100.3
2008	385	100.7	99.2	100.6
2009	363	100.8	99.2	100.9
2010	277	101.2	99.6	100.9
2011	319	101.7	100.2	100.8
2012	389	101.7	100.2	100.8
2013	334	102.0	100.5	101.1
2014	327	102.3	100.7	101.3
2015	288	102.2	100.6	101.3
2016	240	101.7	100.2	101.3
2017	217	102.1	100.5	101.3
2018	219	102.1	100.5	101.5
2019	187	102.0	100.4	101.5
2020	176	102.1	100.6	101.8
2021	215	101.7	100.0	101.9
2022	20	102.7	100.7	101.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	287	-1503.3	-5849.2	-218.7	-235.0
2002	267	-1348.9	-5045.9	-195.3	-211.9
2003	219	-1256.2	-4705.1	-176.2	-200.2
2004	255	-1133.7	-4314.0	-156.4	-181.9
2005	207	-1005.4	-3598.1	-143.9	-159.4
2006	230	-789.1	-2823.6	-99.6	-132.0
2007	222	-915.1	-3109.5	-132.6	-144.9
2008	208	-871.4	-2924.3	-120.1	-141.3
2009	169	-968.6	-3394.1	-140.6	-153.0
2010	133	-427.8	-1173.0	-41.2	-79.3
2011	166	-234.2	-588.1	-3.1	-53.6
2012	189	156.0	1214.4	59.6	3.6
2013	212	330.5	1874.2	86.4	30.1
2014	210	473.2	2377.7	108.9	51.7
2015	167	522.3	2516.0	115.8	59.7
2016	115	572.7	2855.2	124.4	66.6
2017	114	711.9	3343.4	144.9	88.4
2018	115	987.6	4625.0	200.3	123.0
2019	88	1070.1	4718.6	209.1	138.2

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

Jaar	Aantal	Eff	Int	Gewen
1980	366	94.5	98.4	97.6
1981	1121	94.3	97.1	98.0
1982	1135	94.9	97.3	97.6
1983	2437	96.3	99.4	97.3
1984	2655	96.0	99.2	97.0
1985	2101	96.7	98.8	96.9
1986	2086	97.2	97.5	96.8
1987	2117	97.1	96.9	97.2
1988	2234	96.8	96.9	98.0
1989	1589	96.8	96.5	98.2
1990	1053	96.9	93.2	98.6
1991	650	96.5	94.0	97.6
1992	361	96.0	94.7	96.6
1993	237	95.6	95.1	96.6
1994	140	95.3	94.9	97.0
1995	82	96.6	96.2	96.6
1996	47	97.2	97.1	97.0
1997	24	96.2	97.8	96.2
1998	27	97.3	97.7	96.3
1999	26	97.2	97.5	97.0
2000	22	97.5	97.0	97.6
2001	13	98.2	95.2	97.0
2002	21	98.6	96.1	96.7
2003	19	98.8	97.7	97.4
2004	28	99.0	98.0	97.0
2005	16	97.9	97.8	96.7
2006	35	97.4	95.8	97.3
2007	30	98.2	97.4	97.4
2008	24	98.3	99.9	96.5
2009	18	98.0	97.9	97.4

2010	25	97.7	98.1	96.6
2011	31	86.1	99.1	97.5
2012	17	98.4	98.9	96.6
2013	25	99.9	100.7	96.9
2014	51	99.2	102.8	96.9
2015	42	99.5	103.5	97.0
2016	35	99.8	104.2	96.8
2017	28	98.2	104.1	97.0
2018	11	97.8	104.1	97.8
2019	18	98.6	104.4	96.6

Tabel: 70 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	14376	96.8	102.1	31	-3.2	107.5	0	0.0
1981	26899	96.8	102.4	37	-3.1	104.4	0	0.0
1982	47273	97.0	102.4	63	-3.1	104.4	0	0.0
1983	63322	97.0	101.8	82	-3.1	108.0	0	0.0
1984	74867	96.8	101.5	99	-2.6	92.0	0	0.0
1985	73950	96.6	101.4	93429	-3.4	109.5	0	0.0
1986	69924	96.6	101.6	81273	-3.2	104.3	0	0.0
1987	56423	96.9	101.3	61055	-2.9	96.4	0	0.0
1988	45171	97.2	100.7	46215	-2.6	87.6	0	0.0
1989	33573	97.1	100.2	33719	-2.5	83.0	0	0.0
1990	20684	97.0	100.0	20755	-2.4	80.9	0	0.0
1991	11588	97.2	100.4	11653	-2.2	78.8	0	0.0
1992	6305	97.2	100.5	6379	-2.1	79.4	0	0.0
1993	4247	97.0	100.2	4254	-2.1	80.6	0	0.0
1994	2541	97.6	100.1	2541	-2.0	81.9	0	0.0
1995	1712	97.7	100.1	1714	-1.9	82.6	0	0.0
1996	1142	98.2	100.1	1144	-1.9	81.8	0	0.0
1997	763	98.3	100.0	763	-1.8	80.1	0	0.0
1998	607	98.6	100.2	607	-1.8	79.7	0	0.0
1999	399	98.6	99.7	399	-1.6	77.2	0	0.0
2000	357	99.0	99.5	359	-1.4	71.8	0	0.0
2001	288	99.0	99.4	289	-1.3	70.8	87	92.0
2002	261	98.6	99.3	269	-1.2	70.3	101	91.5
2003	219	99.1	100.2	219	-1.2	69.0	68	92.0
2004	253	99.4	100.3	257	-1.1	65.3	71	93.2
2005	200	99.7	99.4	206	-1.1	65.6	58	92.8
2006	230	99.2	100.0	235	-0.9	63.3	43	93.2
2007	219	98.5	98.4	227	-0.9	65.2	42	92.5
2008	209	99.2	99.1	210	-0.8	57.5	35	93.0
2009	166	98.2	99.1	172	-1.0	63.6	18	93.1
2010	134	99.2	98.9	134	-0.7	61.9	13	91.0
2011	166	99.5	99.7	166	-0.6	58.5	22	91.4
2012	186	100.2	99.0	188	-0.4	53.3	27	92.7
2013	207	100.0	99.0	210	-0.4	49.0	30	93.5
2014	207	100.4	99.6	209	-0.1	47.2	35	93.4
2015	166	100.5	100.1	166	-0.2	43.8	31	93.5
2016	114	99.9	99.3	114	-0.2	43.8	13	93.8
2017	114	100.1	99.6	114	0.0	34.4	14	94.8
2018	115	101.3	99.6	115	0.2	38.9	10	93.4
2019	77	100.9	99.7	79	0.2	37.2	4	92.2

Tabel: 71 Holstein - Fries Hollands zwartbont: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	3389	99.5	0	0.0	0	0.0	3389	93.6
1981	6441	99.6	0	0.0	0	0.0	6441	93.5
1982	10576	99.5	2	98.0	2	98.0	10576	93.3
1983	12895	99.4	0	0.0	0	0.0	12895	92.8
1984	12452	99.5	1	98.0	1	99.0	12452	93.6
1985	10217	99.5	2	95.0	0	0.0	10217	93.6
1986	9194	99.4	8	98.6	7	97.3	9194	93.1
1987	7197	99.6	2	100.5	2	99.0	7197	94.2
1988	5185	99.4	1	98.0	0	0.0	5185	93.0
1989	3557	99.2	3	95.7	3	95.3	3557	91.7
1990	2433	99.1	7	97.0	5	97.4	2432	91.9
1991	1507	99.5	26	100.7	26	99.1	1507	92.7
1992	945	99.6	20	101.2	20	99.2	945	92.7
1993	599	99.4	10	101.7	10	98.8	599	92.6
1994	389	99.3	6	100.5	6	99.0	389	92.7
1995	229	99.0	3	100.3	2	101.5	229	92.6
1996	173	98.9	3	101.7	3	98.7	173	92.7
1997	113	98.9	8	99.4	8	98.6	113	93.1
1998	104	98.7	10	99.8	10	98.6	104	93.0
1999	92	98.9	3	100.3	3	96.7	92	93.3
2000	82	99.1	4	100.5	4	98.8	82	93.1
2001	65	99.1	1	101.0	1	96.0	65	93.6
2002	83	98.9	0	0.0	0	0.0	83	93.0
2003	88	98.8	0	0.0	0	0.0	88	93.1
2004	88	99.1	2	96.0	1	96.0	88	93.0
2005	76	99.2	0	0.0	0	0.0	76	93.1
2006	109	99.2	0	0.0	0	0.0	109	93.5
2007	115	99.2	0	0.0	0	0.0	115	93.0
2008	118	99.2	2	99.5	1	92.0	118	93.0
2009	105	99.2	0	0.0	0	0.0	105	93.4
2010	96	99.4	0	0.0	0	0.0	96	93.8
2011	126	99.6	1	100.0	1	95.0	126	94.2
2012	133	99.6	0	0.0	0	0.0	133	94.2
2013	150	99.5	1	97.0	0	0.0	150	93.8
2014	161	99.7	0	0.0	0	0.0	161	94.7
2015	126	99.6	0	0.0	0	0.0	126	95.1
2016	91	99.7	0	0.0	0	0.0	91	95.9
2017	83	99.7	0	0.0	0	0.0	83	95.6
2018	91	99.8	0	0.0	0	0.0	91	95.7
2019	73	99.9	0	0.0	0	0.0	73	96.4

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	82	98.6	97.4	98.9	98.4	98.3	97.6
1981	88	99.0	98.0	99.6	98.6	98.1	97.9
1982	144	98.9	97.9	99.5	98.6	98.0	97.6
1983	604	98.0	97.7	97.8	97.9	97.4	97.0
1984	504	97.2	97.0	96.9	97.2	96.9	96.2

1985	329	98.1	98.1	97.7	98.1	97.5	97.0
1986	355	98.6	98.4	98.0	98.4	97.9	97.5
1987	514	98.0	97.3	97.9	98.0	98.0	96.9
1988	602	98.2	97.0	98.7	98.2	98.1	97.2
1989	473	98.7	97.3	99.2	98.7	98.3	97.5
1990	291	98.6	97.2	99.1	98.7	98.2	97.2
1991	149	98.2	97.2	98.2	98.3	97.9	97.3
1992	88	97.9	96.9	97.6	98.1	97.7	97.3
1993	58	97.4	96.1	96.5	97.4	98.1	97.9
1994	35	96.5	95.0	95.6	96.9	97.6	96.7
1995	15	96.7	95.1	96.2	97.2	97.5	97.3
1996	17	96.4	95.3	96.1	96.8	97.2	95.9
1997	15	95.7	94.8	95.4	96.3	96.3	95.3
1998	18	95.3	94.3	95.3	95.8	95.7	95.3
2014	13	97.9	96.4	98.2	98.2	97.6	97.1

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	23321	-1436.7	-51.5	-62.7	-72.3	25.2	-19.2	-12.4	-386.8
1981	20770	-1458.9	-51.8	-62.6	-73.3	26.7	-17.5	-12.4	-387.4
1982	15009	-1444.7	-50.9	-61.7	-72.7	27.1	-16.7	-12.4	-381.8
1983	12830	-1364.3	-47.9	-59.5	-69.0	25.7	-17.7	-12.3	-365.1
1984	9402	-1301.9	-45.0	-57.6	-66.1	25.7	-18.3	-12.2	-350.7
1985	7379	-1288.8	-43.9	-56.8	-65.5	26.8	-17.6	-12.1	-344.9
1986	5023	-1273.8	-42.7	-56.2	-64.8	27.5	-17.5	-12.1	-339.8
1987	3570	-1260.3	-42.3	-55.7	-64.2	27.3	-17.3	-12.1	-336.4
1988	3329	-1287.7	-43.6	-56.3	-65.5	27.3	-16.7	-12.2	-342.2
1989	2989	-1232.6	-41.4	-53.9	-63.0	26.5	-15.9	-12.1	-327.0
1990	2547	-1194.5	-40.1	-52.5	-61.2	25.6	-15.7	-12.0	-317.9
1991	2141	-1163.4	-38.6	-50.4	-59.8	25.6	-13.8	-12.0	-305.9
1992	1848	-1141.3	-38.5	-50.0	-58.8	24.0	-14.5	-11.9	-303.4
1993	1682	-1093.1	-37.0	-48.1	-56.6	22.3	-14.2	-11.9	-291.8
1994	1665	-1037.6	-34.9	-46.4	-54.1	21.5	-14.5	-11.7	-279.7
1995	1552	-972.8	-33.3	-44.2	-51.1	18.8	-14.9	-11.7	-266.7
1996	1464	-903.5	-30.7	-41.8	-47.9	17.8	-14.9	-11.5	-250.2
1997	1198	-864.1	-29.5	-39.9	-46.1	16.4	-14.2	-11.5	-239.7
1998	1085	-805.6	-27.1	-37.1	-43.5	16.1	-12.7	-11.4	-221.9
1999	924	-750.3	-25.2	-35.4	-40.9	14.8	-13.2	-11.3	-210.4
2000	829	-695.7	-23.5	-33.0	-38.0	13.4	-12.4	-10.5	-196.0
2001	780	-647.4	-21.8	-31.6	-31.5	12.5	-13.1	-2.9	-185.0
2002	612	-604.9	-20.0	-30.1	-28.5	12.3	-13.1	-1.1	-174.2
2003	587	-552.4	-18.6	-29.1	-26.6	10.6	-14.5	-1.9	-166.2
2004	543	-554.9	-19.4	-30.0	-26.0	9.3	-15.8	-0.6	-171.5
2005	449	-510.4	-19.2	-28.3	-24.8	6.2	-15.8	-2.2	-163.9
2006	457	-441.2	-15.3	-25.4	-22.4	7.7	-14.8	-3.5	-143.2
2007	409	-482.2	-17.4	-25.6	-24.3	7.2	-12.7	-3.4	-148.6
2008	423	-477.0	-15.3	-25.3	-24.9	10.5	-12.5	-4.9	-143.5
2009	326	-421.3	-15.6	-24.7	-22.1	5.8	-14.7	-4.5	-140.5
2010	311	-314.7	-10.9	-21.3	-17.9	5.5	-15.5	-5.5	-115.8
2011	298	-314.3	-10.2	-20.6	-17.9	6.8	-14.3	-5.6	-111.4
2012	271	-269.8	-8.0	-18.0	-16.4	7.0	-12.7	-6.4	-95.5
2013	260	-202.8	-5.6	-16.1	-13.6	6.1	-13.5	-6.7	-81.8
2014	269	-173.2	-4.4	-15.3	-12.7	5.7	-14.0	-7.5	-76.0
2015	236	-208.5	-6.0	-16.2	-14.2	5.9	-13.3	-7.3	-83.3
2016	235	-213.7	-5.3	-16.7	-14.4	7.3	-13.8	-7.3	-84.1

2017	165	-177.6	-2.9	-15.6	-12.5	9.0	-13.7	-7.0	-73.6
2018	158	-105.4	-0.3	-11.9	-7.4	7.6	-12.2	-3.7	-51.6
2019	155	-65.6	0.9	-9.6	-6.3	6.2	-11.0	-4.9	-39.3

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	81858	89.9	90.0	90.8	92.5	102.1	87.2	98.6
1981	68398	90.2	90.4	91.1	92.6	102.3	87.2	99.0
1982	42870	90.4	90.3	91.4	93.0	102.1	87.2	99.2
1983	25050	90.7	90.2	91.6	93.5	101.7	87.0	99.3
1984	10989	91.1	89.7	91.5	93.9	101.1	86.7	99.0
1985	5735	91.3	89.5	91.5	94.1	100.8	86.6	99.1
1986	2927	91.4	89.6	91.7	94.2	100.7	86.3	99.0
1987	1576	91.4	89.6	91.9	94.4	100.5	86.2	99.2
1988	1117	91.6	89.6	92.1	94.7	100.3	86.1	99.4
1989	846	92.3	89.2	92.3	95.1	99.8	86.1	99.5
1990	776	92.4	89.3	92.2	95.0	99.7	85.9	99.7
1991	570	92.8	89.5	92.5	95.2	99.8	86.1	99.6
1992	557	93.0	89.3	92.8	95.7	99.3	85.9	100.0
1993	508	93.4	89.6	93.1	95.9	99.4	85.8	100.3
1994	434	93.5	89.5	93.2	95.9	99.3	86.2	100.7
1995	407	94.0	89.5	93.4	96.1	99.2	86.0	101.3
1996	415	94.2	89.6	93.7	96.3	99.2	86.4	101.3
1997	294	94.1	89.7	93.8	96.3	99.3	86.4	101.4
1998	274	94.0	89.2	93.9	96.7	98.7	86.0	101.1
1999	262	94.1	89.3	93.8	96.6	98.5	85.7	101.5
2000	346	94.1	89.4	94.0	96.8	98.6	85.9	101.4
2001	320	94.1	89.8	94.5	97.0	98.6	85.8	101.4
2002	253	93.9	89.4	94.2	96.8	98.5	85.7	101.1
2003	247	93.9	90.1	94.9	97.0	98.6	85.8	101.5
2004	243	93.8	89.8	94.9	96.8	98.6	86.0	101.2
2005	182	93.9	89.6	94.8	96.8	98.4	85.7	101.2
2006	155	94.1	89.4	94.7	97.2	98.2	86.1	101.3
2007	91	93.5	89.7	94.9	96.9	98.3	86.0	101.0
2008	81	93.9	89.4	95.0	97.3	97.8	86.2	101.4
2009	62	93.7	89.5	95.1	97.3	97.8	86.4	100.7
2010	34	93.6	88.9	95.1	97.4	97.0	85.8	101.4
2011	32	91.9	88.4	93.9	96.9	97.2	86.0	99.0
2012	21	91.5	88.5	93.6	96.4	97.6	85.8	99.3
2013	21	92.4	88.3	94.0	97.0	97.1	85.9	99.1

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	81858	92.5	97.0	99.2	87.8	89.7
1981	68398	92.1	97.2	98.9	87.6	89.5
1982	42870	91.8	97.5	98.5	87.6	89.2
1983	25050	91.9	98.2	98.3	88.0	89.2
1984	10989	92.0	98.4	98.0	88.4	89.2

1985	5735	92.1	98.5	97.7	88.5	89.2
1986	2927	92.3	98.3	98.1	88.7	89.5
1987	1576	92.4	98.5	97.8	88.6	89.6
1988	1117	92.5	98.5	97.7	88.6	89.7
1989	846	93.2	98.4	97.6	89.0	90.4
1990	776	93.5	98.4	97.5	89.2	90.8
1991	570	93.8	98.6	97.3	89.3	91.1
1992	557	93.9	99.2	97.0	89.6	91.5
1993	508	94.0	99.4	97.1	89.6	91.6
1994	434	94.2	99.5	96.8	89.7	91.9
1995	407	94.6	99.6	96.5	89.8	92.3
1996	415	94.7	99.3	96.7	89.9	92.4
1997	294	94.9	99.4	96.8	90.0	92.8
1998	274	95.0	99.6	96.4	90.2	93.1
1999	262	95.8	99.3	96.8	90.4	93.8
2000	346	95.5	99.4	96.6	90.4	93.7
2001	320	95.3	99.4	96.5	90.2	93.4
2002	253	95.4	99.3	96.8	90.3	93.6
2003	247	95.4	99.5	96.6	90.2	93.7
2004	243	95.7	99.3	97.1	90.6	94.2
2005	182	95.9	99.3	97.3	90.7	94.2
2006	155	95.2	99.3	96.9	90.3	93.8
2007	91	95.5	98.9	97.9	90.2	93.8
2008	81	95.5	99.3	97.7	90.5	94.1
2009	62	95.7	99.2	97.9	90.6	94.3
2010	34	95.6	99.2	97.9	90.6	94.6
2011	32	96.3	98.9	99.2	90.9	95.4
2012	21	96.1	99.3	98.7	90.8	95.0
2013	21	96.3	99.1	98.9	91.0	95.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	81858	97.4	94.1	99.7	99.6	93.8	96.7	94.9
1981	68398	97.5	94.3	99.7	99.8	93.7	96.8	94.8
1982	42870	97.5	94.5	99.6	99.8	93.6	96.9	95.0
1983	25050	97.6	94.7	99.2	99.7	94.0	96.8	95.0
1984	10989	97.8	95.1	98.7	100.1	94.3	96.7	95.1
1985	5735	97.8	95.3	98.8	100.2	94.4	96.7	95.2
1986	2927	97.9	95.4	98.7	100.2	94.6	96.9	95.3
1987	1576	98.0	96.2	98.9	100.2	95.2	97.0	95.9
1988	1117	98.1	96.3	99.3	100.0	95.3	97.2	96.1
1989	846	98.3	97.0	99.1	100.5	95.5	97.9	97.0
1990	776	98.4	97.2	99.2	100.8	95.7	98.4	97.2
1991	570	98.8	97.7	98.8	101.1	95.7	98.5	97.3
1992	557	98.7	97.9	98.4	100.9	95.7	98.3	97.3
1993	508	99.0	98.2	98.3	101.0	96.0	98.6	97.5
1994	434	99.2	98.8	98.5	101.1	96.1	98.9	97.8
1995	407	99.2	99.2	98.4	101.3	96.1	99.1	98.2
1996	415	99.1	99.1	98.3	101.3	96.1	99.2	98.3
1997	294	99.2	99.1	98.4	101.4	96.5	99.9	98.8
1998	274	99.3	100.3	98.2	101.4	97.2	100.6	99.4
1999	262	99.3	100.8	97.9	101.7	97.0	100.9	100.0
2000	346	99.6	101.0	97.9	101.9	97.6	101.2	100.4
2001	320	99.1	100.5	98.2	101.1	97.1	100.4	99.6
2002	253	99.3	100.7	98.2	101.4	97.4	101.0	99.9

2003	247	99.4	100.6	98.2	101.4	97.5	100.7	100.0
2004	243	99.7	100.5	98.3	101.8	97.8	101.2	100.2
2005	182	99.6	100.5	97.9	101.6	97.7	101.2	100.5
2006	155	99.5	101.0	98.2	101.4	97.8	101.1	100.1
2007	91	99.2	99.7	99.1	101.0	98.0	100.9	99.6
2008	81	99.5	101.0	97.7	101.1	98.4	101.6	100.6
2009	62	100.1	101.1	98.4	101.5	98.3	101.7	100.6
2010	34	100.0	101.0	97.5	101.6	98.6	102.3	101.1
2011	32	99.5	100.1	97.2	101.4	98.9	102.4	100.7
2012	21	99.3	99.3	98.0	100.7	98.4	102.3	100.2
2013	21	99.2	100.2	96.7	101.0	98.8	102.6	101.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	81858	83.5	92.4	93.4	88.3	100.4	87.0
1981	68398	84.0	92.8	93.5	88.0	100.5	87.1
1982	42870	84.3	92.9	93.6	87.7	100.4	87.0
1983	25050	84.4	92.6	93.8	87.8	99.6	86.9
1984	10989	84.0	92.0	94.1	88.0	98.9	86.8
1985	5735	84.0	91.7	94.3	88.0	98.6	86.8
1986	2927	84.0	91.7	94.5	88.3	98.4	87.0
1987	1576	84.2	91.8	95.1	88.3	98.3	87.3
1988	1117	84.3	91.8	95.2	88.5	98.3	87.4
1989	846	84.5	91.5	96.0	89.2	97.8	88.0
1990	776	84.5	91.4	96.5	89.7	97.7	88.4
1991	570	84.9	91.7	96.9	90.0	97.9	88.9
1992	557	85.1	91.7	96.8	90.3	97.5	89.0
1993	508	85.6	92.1	97.2	90.5	97.6	89.4
1994	434	85.9	92.2	97.7	90.8	97.7	89.9
1995	407	86.4	92.6	97.9	91.2	97.8	90.4
1996	415	86.8	92.8	97.9	91.3	98.0	90.5
1997	294	86.7	92.8	98.4	91.7	98.0	91.0
1998	274	86.3	92.4	99.3	92.0	97.3	91.2
1999	262	86.4	92.4	99.6	92.8	97.3	91.7
2000	346	86.6	92.6	100.1	92.6	97.5	92.0
2001	320	86.8	93.0	99.1	92.3	97.6	91.5
2002	253	86.3	92.4	99.7	92.5	97.3	91.6
2003	247	87.1	93.3	99.6	92.6	97.8	92.0
2004	243	86.9	93.2	100.0	93.2	98.1	92.5
2005	182	86.7	92.9	99.9	93.3	97.8	92.3
2006	155	86.9	92.7	100.0	92.7	97.5	92.0
2007	91	86.7	92.9	99.4	92.9	97.7	91.8
2008	81	86.9	92.9	100.3	93.1	97.4	92.4
2009	62	86.9	92.6	100.6	93.4	97.3	92.5
2010	34	86.6	92.4	100.9	93.6	96.9	92.5
2011	32	84.3	90.6	100.7	94.8	96.1	92.2
2012	21	84.4	90.7	99.8	94.1	95.9	91.4
2013	21	84.6	90.6	100.3	94.6	96.0	91.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	169446	103.3	101.2	101.4	101.6	101.7	98.9	90.7	101.5
1981	152221	103.2	101.1	101.4	101.6	101.6	98.6	91.0	101.5
1982	101667	103.2	100.8	101.4	101.4	101.5	98.6	91.1	101.3
1983	63774	103.0	100.3	101.0	100.8	101.1	98.6	91.4	100.9
1984	32125	103.0	99.8	100.7	100.3	100.9	98.5	91.8	100.5
1985	18149	102.8	99.5	100.5	100.0	100.7	98.5	91.9	100.2
1986	9832	102.7	99.5	100.4	100.0	100.6	98.3	92.3	100.2
1987	6272	102.6	99.4	100.3	99.8	100.4	98.2	92.3	100.0
1988	4765	102.4	99.3	100.1	99.6	100.2	98.2	92.3	99.8
1989	3983	102.4	99.1	100.0	99.4	100.2	98.4	92.6	99.7
1990	3322	102.3	99.0	99.9	99.3	100.2	98.4	92.7	99.6
1991	2857	102.1	99.1	100.0	99.4	100.2	98.6	93.1	99.7
1992	2469	101.9	99.5	100.1	99.7	100.2	98.5	93.4	99.9
1993	2277	101.7	99.4	99.9	99.6	100.1	98.6	93.5	99.7
1994	2187	101.5	99.4	99.7	99.4	99.9	98.6	93.3	99.5
1995	2087	101.4	99.3	99.6	99.4	99.8	98.6	93.5	99.5
1996	1869	101.3	99.4	99.7	99.4	99.8	98.4	93.7	99.5
1997	1567	101.2	99.4	99.7	99.4	99.8	98.3	93.8	99.6
1998	1450	100.8	99.2	99.3	99.1	99.4	98.1	93.8	99.2
1999	1275	100.8	99.3	99.3	99.1	99.5	98.2	93.8	99.2
2000	1191	101.0	99.1	99.4	99.1	99.7	98.4	93.9	99.3
2001	1183	101.0	99.0	99.4	99.0	99.6	98.3	94.1	99.2
2002	996	100.9	98.9	99.2	98.8	99.5	98.3	94.0	99.0
2003	944	101.3	98.6	99.3	98.7	99.7	98.6	94.1	99.0
2004	949	101.6	98.6	99.4	98.9	99.9	98.8	93.7	99.1
2005	805	101.3	98.5	99.2	98.7	99.7	98.6	93.9	98.9
2006	792	101.1	98.8	99.4	98.9	99.8	98.6	94.2	99.1
2007	714	100.8	98.9	99.3	98.9	99.5	98.0	94.3	99.0
2008	698	101.1	99.1	99.7	99.2	100.0	98.5	94.3	99.5
2009	584	101.4	99.0	99.8	99.2	100.2	98.8	94.4	99.5
2010	550	101.3	99.0	99.8	99.3	100.1	98.4	94.2	99.6
2011	549	101.2	99.1	99.8	99.3	100.1	98.4	94.2	99.6
2012	536	101.0	99.3	100.0	99.5	100.1	98.4	94.6	99.7
2013	324	100.7	99.4	100.0	99.6	100.0	98.2	95.1	99.8
2014	316	101.0	99.4	100.1	99.6	100.3	98.6	94.8	99.9
2015	272	100.5	99.5	100.0	99.6	99.9	98.4	95.8	99.8
2016	264	100.8	99.8	100.3	99.9	100.3	98.6	95.4	100.2
2017	200	100.7	99.7	100.2	99.8	100.2	98.6	95.5	100.1
2018	208	100.4	99.7	100.0	99.7	100.0	98.5	95.7	99.9
2019	186	100.6	99.7	100.2	99.7	100.1	98.5	95.6	100.1
2020	35	100.5	99.5	100.2	99.6	100.1	98.4	96.1	100.0

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	18042	97.9	82.6	95.7	103.8	105.4
1981	14454	98.0	84.4	95.5	103.8	105.3
1982	8606	97.9	83.7	95.2	103.4	105.0
1983	5538	98.0	84.9	95.3	103.5	105.1
1984	2955	97.9	85.7	95.4	103.6	105.1
1985	1811	97.7	87.7	95.4	103.6	105.1
1986	1073	97.9	86.2	95.3	103.5	105.1
1987	622	97.6	85.0	95.2	103.4	105.0
1988	444	97.5	84.6	95.0	103.1	104.9

1989	422	98.2	87.0	94.8	102.6	104.8
1990	367	98.5	89.7	94.5	102.3	104.6
1991	357	98.5	92.5	94.2	101.9	104.4
1992	401	98.2	92.4	94.0	101.7	104.1
1993	356	98.5	89.8	94.1	101.8	104.0
1994	302	98.4	91.7	94.0	101.7	103.9
1995	273	98.6	91.9	94.1	101.6	104.0
1996	258	98.8	92.1	94.0	101.5	103.8
1997	164	98.7	91.1	94.4	101.5	103.8
1998	145	99.5	92.7	93.7	100.7	103.0
1999	139	99.9	91.9	93.4	100.5	102.7
2000	120	99.6	93.2	93.3	100.1	102.7
2001	80	98.4	89.4	93.4	100.1	102.4
2002	52	99.5	83.0	93.0	99.6	102.0
2003	38	98.9	87.2	93.5	100.0	102.5
2004	31	98.8	81.0	93.4	99.9	102.8
2005	23	99.6	75.4	93.4	99.7	102.2
2006	31	97.9	81.8	93.5	99.6	101.9
2007	14	99.6	62.1	93.5	99.9	101.9
2008	19	100.7	67.1	93.5	99.7	101.4
2009	16	99.9	30.6	93.6	99.6	101.6
2010	26	100.8	59.9	93.5	99.8	101.3
2011	32	100.7	75.2	94.1	100.2	101.6
2012	21	100.4	92.1	94.2	99.8	101.1
2013	21	100.8	96.8	94.3	99.9	101.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	23321	-197.4	-386.8	-167.3	105.3	101.5	93.4	88.3	98.2	143.0
1981	20770	-201.8	-387.4	-191.9	105.2	101.5	93.5	88.0	98.2	0.0
1982	15009	-207.7	-381.8	-216.3	104.9	101.3	93.6	87.7	98.0	84.7
1983	12830	-208.1	-365.1	-245.9	105.0	100.9	93.8	87.8	98.0	0.0
1984	9402	-216.5	-350.7	-340.3	105.0	100.5	94.1	88.0	97.8	0.0
1985	7379	-220.9	-344.9	-433.4	105.0	100.2	94.3	88.0	97.7	134.1
1986	5023	-220.1	-339.8	-498.2	105.0	100.2	94.5	88.3	97.9	128.6
1987	3570	-220.8	-336.4	-548.3	104.8	100.0	95.1	88.3	97.9	121.0
1988	3329	-224.9	-342.2	-586.9	104.6	99.8	95.2	88.5	98.2	114.3
1989	2989	-214.6	-327.0	-584.4	104.3	99.7	96.0	89.2	98.4	110.5
1990	2547	-208.1	-317.9	-560.3	104.0	99.6	96.5	89.7	98.6	108.8
1991	2141	-199.2	-305.9	-544.9	103.7	99.7	96.9	90.0	98.6	104.0
1992	1848	-196.4	-303.4	-534.8	103.5	99.9	96.8	90.3	98.6	102.1
1993	1682	-189.2	-291.8	-513.3	103.4	99.7	97.2	90.5	98.7	101.0
1994	1665	-181.0	-279.7	-494.8	103.3	99.5	97.7	90.8	99.2	95.0
1995	1552	-169.2	-266.7	-456.6	103.4	99.5	97.9	91.2	99.2	91.2
1996	1464	-159.9	-250.2	-425.9	103.1	99.5	97.9	91.3	99.2	88.5
1997	1198	-152.7	-239.7	-414.4	103.2	99.6	98.4	91.7	99.1	88.4
1998	1085	-147.2	-221.9	-402.2	102.3	99.2	99.3	92.0	99.1	89.2
1999	924	-140.0	-210.4	-376.9	101.9	99.2	99.6	92.8	99.1	88.8
2000	829	-136.5	-196.0	-359.1	101.7	99.3	100.1	92.6	99.1	89.6
2001	780	-134.2	-185.0	-335.4	101.6	99.2	99.1	92.3	99.1	89.6
2002	612	-130.2	-174.2	-321.7	101.1	99.0	99.7	92.5	99.4	87.2
2003	587	-123.9	-166.2	-304.8	101.6	99.0	99.6	92.6	99.6	87.6
2004	543	-116.6	-171.5	-281.2	101.7	99.1	100.0	93.2	99.6	91.0
2005	449	-116.3	-163.9	-273.3	101.2	98.9	99.9	93.3	99.4	89.7
2006	457	-108.6	-143.2	-248.7	101.1	99.1	100.0	92.7	99.3	87.4

2007	409	-102.8	-148.6	-226.2	101.2	99.0	99.4	92.9	99.6	89.1
2008	423	-102.2	-143.5	-231.2	100.8	99.5	100.3	93.1	100.0	85.7
2009	326	-101.2	-140.5	-222.8	100.9	99.5	100.6	93.4	99.8	88.4
2010	311	-91.8	-115.8	-173.7	100.7	99.6	100.9	93.6	100.1	85.3
2011	298	-84.8	-111.4	-130.7	101.1	99.6	100.7	94.8	100.4	82.7
2012	271	-82.2	-95.5	-140.9	100.7	99.7	99.8	94.1	100.7	79.9
2013	260	-74.8	-81.8	-109.2	100.8	99.8	100.3	94.6	100.8	77.8
2014	269	-68.4	-76.0	-109.5	100.5	99.9	97.0	91.8	100.7	75.6
2015	236	-69.9	-83.3	-112.4	101.2	99.8	99.8	92.0	100.6	74.0
2016	235	-61.9	-84.1	-99.2	101.6	100.2	96.8	93.0	101.1	62.6
2017	165	-59.2	-73.6	-90.3	101.0	100.1	95.7	91.0	101.0	65.0
2018	158	-40.4	-51.6	-68.4	102.0	99.9	98.0	93.3	101.4	48.5
2019	155	-36.6	-39.3	-55.3	102.1	100.1	98.8	92.8	101.3	54.4

Tabel: 81 Fries Hollands - zwartbont: Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	18819	101.6	96.8	101.6	96.8	92.1	97.0
1981	15494	101.5	96.8	101.5	96.8	92.0	97.0
1982	9610	101.4	96.6	101.4	96.6	91.8	96.8
1983	7249	101.3	96.6	101.3	96.6	91.8	96.7
1984	4568	101.7	96.1	101.7	96.1	92.0	96.3
1985	3126	101.6	96.2	101.6	96.2	92.0	96.2
1986	1927	101.9	96.3	101.9	96.3	92.2	96.4
1987	1348	101.9	96.3	101.9	96.3	92.4	96.4
1988	1163	102.2	96.4	102.2	96.4	92.6	96.6
1989	1266	102.3	96.9	102.3	96.9	92.9	96.8
1990	1386	102.5	96.9	102.5	96.9	93.0	96.7
1991	1512	102.6	97.0	102.6	97.0	93.2	96.7
1992	1478	102.5	96.9	102.5	96.9	93.0	96.7
1993	1756	102.8	96.6	102.8	96.6	93.3	96.7
1994	2182	103.2	96.6	103.2	96.6	93.6	96.8
1995	2130	103.1	97.2	103.1	97.2	93.6	97.1
1996	1847	103.1	97.0	103.1	97.0	93.6	96.9
1997	1651	103.0	96.7	103.0	96.7	93.5	96.6
1998	1526	103.2	96.6	103.2	96.6	93.9	96.4
1999	1446	103.2	96.6	103.2	96.6	94.0	96.2
2000	1361	103.2	97.0	103.2	97.0	93.8	96.6
2001	1302	103.1	96.9	103.1	96.9	93.9	96.5
2002	1112	103.3	97.0	103.3	97.0	94.1	96.5
2003	1066	103.4	97.2	103.4	97.2	94.1	96.7
2004	1073	103.7	96.8	103.7	96.8	94.5	96.7
2005	828	103.5	96.5	103.5	96.5	94.3	96.3
2006	835	103.4	96.1	103.4	96.1	94.2	95.8
2007	726	103.4	97.1	103.4	97.1	94.3	96.8
2008	647	103.8	96.9	103.8	96.9	94.4	97.0
2009	576	103.7	97.3	103.7	97.3	94.6	97.5
2010	540	103.9	97.4	103.9	97.4	94.7	97.7
2011	510	104.0	97.5	104.0	97.5	95.0	97.7
2012	512	104.1	97.7	104.1	97.7	94.8	97.9
2013	425	104.1	97.7	104.1	97.7	94.7	97.9
2014	406	104.2	97.5	104.2	97.5	95.0	97.9
2015	395	104.3	97.6	104.3	97.6	94.9	97.8
2016	408	104.5	97.7	104.5	97.7	95.1	98.0
2017	330	104.6	96.4	104.6	96.4	95.3	96.6
2018	313	104.9	96.7	104.9	96.7	95.5	96.8

2019	317	104.8	97.0	104.8	97.0	95.5	97.2
2020	280	104.9	93.5	104.9	93.5	95.6	93.8
2021	275	104.8	91.4	104.8	91.4	95.4	91.6
2022	26	105.0	98.0	105.0	98.0	95.7	98.3

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	31240	99.3	99.8	103.0	76.4	73.6	71.2
1981	25595	99.3	99.6	103.1	76.6	73.8	71.5
1982	16202	99.2	99.6	103.3	78.8	75.4	73.3
1983	16872	99.3	99.6	103.1	85.0	82.5	79.9
1984	9410	99.1	99.8	103.3	87.9	86.4	83.7
1985	5047	99.0	99.8	103.3	87.6	86.8	84.0
1986	2606	99.1	99.8	103.2	84.2	83.6	81.1
1987	1562	98.8	99.4	103.5	78.4	78.1	75.6
1988	1136	98.5	99.2	103.8	78.5	78.0	75.6
1989	885	99.0	99.1	103.3	82.6	83.3	81.1
1990	777	99.8	99.0	102.6	81.7	82.6	80.4
1991	715	99.4	99.3	103.1	80.1	81.2	79.4
1992	566	99.4	99.4	103.0	77.8	78.0	76.2
1993	579	99.7	99.2	102.6	78.6	78.3	76.4
1994	536	100.3	98.3	102.1	84.5	83.5	81.1
1995	519	99.3	99.2	103.3	74.4	74.0	72.6
1996	524	99.5	98.5	102.9	80.6	80.2	78.8
1997	396	99.7	98.4	102.8	83.1	83.6	81.7
1998	421	100.2	98.0	102.2	89.0	89.9	87.8
1999	438	99.7	98.2	102.9	82.0	83.0	80.8
2000	476	99.1	99.0	103.5	83.8	84.7	82.8
2001	432	99.2	98.5	103.6	88.2	88.5	86.2
2002	331	100.0	98.1	102.5	87.7	87.7	85.2
2003	345	99.7	98.8	102.8	86.7	86.1	83.9
2004	388	99.7	98.6	102.9	84.8	83.6	81.2
2005	381	99.3	98.1	103.4	88.1	87.8	85.3
2006	371	99.7	98.2	103.0	86.3	85.5	83.0
2007	432	99.6	98.1	103.1	86.4	85.3	82.5
2008	408	99.8	98.1	102.8	88.6	87.3	84.6
2009	386	99.5	98.2	103.1	84.5	83.1	80.5
2010	346	99.7	98.3	103.0	85.1	83.8	81.5
2011	359	100.2	98.0	102.6	79.0	77.5	75.0
2012	311	100.3	97.6	102.4	90.2	88.1	85.3
2013	322	100.1	97.7	102.7	90.0	87.3	84.8
2014	339	100.2	97.4	102.6	93.4	90.6	87.9
2015	293	100.4	97.4	102.4	94.7	91.8	88.8
2016	327	100.1	97.6	102.6	98.4	94.6	91.5
2017	209	100.7	97.7	102.0	92.8	89.4	86.9
2018	250	100.9	96.9	101.8	89.5	84.7	82.4
2019	193	100.9	96.9	101.7	82.1	77.9	75.8
2020	228	100.7	97.1	101.9	77.4	73.5	71.5
2021	205	100.9	96.9	101.6	65.5	61.8	60.2
2022	28	101.9	96.5	100.6	52.0	49.0	47.7

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

Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	26082	101.1	101.1	95.8	95.9	107.6	94.2	102.0	94.0	106.2	93.5	97.8
1981	21832	101.2	101.2	96.0	96.2	107.6	94.4	102.0	94.0	106.2	93.6	98.0
1982	14010	101.3	101.1	96.2	96.1	107.5	94.5	102.1	94.2	106.2	93.6	98.2
1983	9825	100.8	100.0	96.5	95.6	106.6	94.6	101.6	94.5	105.4	93.5	97.6
1984	5754	100.3	98.9	96.5	95.1	105.6	94.8	101.0	94.9	104.7	93.3	97.2
1985	3878	100.1	98.4	96.5	94.9	105.2	94.8	100.9	95.1	104.3	93.3	96.9
1986	2494	99.9	98.2	96.7	94.9	104.9	95.0	100.8	95.1	104.0	93.5	96.7
1987	1842	99.7	97.9	96.8	94.7	104.6	95.0	100.5	95.2	103.8	93.5	96.5
1988	1577	99.5	97.7	96.8	94.7	104.3	95.1	100.4	95.3	103.6	93.4	96.5
1989	1628	99.7	97.1	96.6	94.8	103.9	95.2	100.5	95.8	103.1	93.6	96.2
1990	1657	99.5	97.0	97.0	94.7	103.7	95.5	100.2	95.9	103.1	93.9	96.0
1991	1709	99.3	96.7	97.0	94.7	103.3	95.7	100.1	95.9	102.6	94.1	95.9
1992	1778	99.1	96.7	97.0	94.9	103.1	96.0	100.0	95.6	102.5	94.2	95.9
1993	1740	98.8	96.3	97.4	94.7	102.9	96.1	99.9	95.5	102.2	94.5	95.6
1994	1773	98.8	96.8	97.7	94.7	103.1	96.4	99.6	95.4	102.6	94.7	95.7
1995	1787	98.8	96.7	97.8	94.9	102.9	96.7	99.7	95.6	102.4	95.1	95.7
1996	1786	98.5	96.4	97.7	94.7	102.6	96.6	99.6	95.4	102.1	95.0	95.5
1997	1781	98.5	96.6	97.9	94.8	102.7	96.8	99.4	95.6	102.3	95.1	95.5
1998	1466	98.3	96.3	98.9	94.2	102.4	97.1	99.3	95.5	102.1	95.5	95.3
1999	1393	98.2	96.5	99.0	94.2	102.5	97.3	99.1	95.5	102.2	95.8	95.1
2000	1219	98.1	96.4	98.9	94.2	102.3	97.4	98.9	95.5	102.1	95.8	95.0
2001	1162	97.7	96.3	98.5	94.4	101.9	97.7	98.7	95.2	101.9	95.9	95.0
2002	1111	97.5	96.1	99.0	94.1	101.7	98.0	98.4	95.1	101.8	96.1	94.8
2003	1099	97.3	96.0	98.6	94.1	101.5	98.1	98.2	95.2	101.8	96.1	94.7
2004	1046	97.2	96.2	98.6	94.2	101.4	98.3	98.1	95.4	101.8	96.2	94.6
2005	819	97.1	96.1	98.5	94.3	101.3	98.3	97.9	95.6	101.7	96.2	94.6
2006	772	96.8	95.7	98.8	94.1	100.7	98.4	97.7	95.6	101.3	96.2	94.3
2007	609	96.9	95.6	99.1	94.1	100.7	98.4	97.9	95.4	101.1	96.3	94.5
2008	498	96.4	95.3	98.7	94.6	99.8	99.0	97.4	95.6	100.7	96.2	94.8
2009	406	96.5	95.2	98.8	94.2	99.9	98.6	97.4	95.7	100.6	96.1	94.4
2010	340	96.2	94.8	99.1	94.2	99.5	99.0	97.1	95.7	100.4	96.3	94.3
2011	213	96.2	95.1	99.0	94.1	99.8	99.1	96.9	95.8	100.8	96.4	94.4
2012	103	95.9	95.3	98.7	93.9	100.2	99.8	96.4	95.7	101.5	96.7	94.2
2013	75	95.9	95.4	99.1	94.2	99.9	100.2	96.3	95.9	101.5	96.9	94.6
2014	19	94.0	93.7	99.2	93.1	98.1	101.0	94.5	95.7	100.3	96.6	93.5

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	18782	98.0	97.2	100.1
1981	15588	97.9	97.1	100.1
1982	9691	97.6	96.8	100.1
1983	7276	97.8	97.0	100.3
1984	4581	98.0	97.0	100.3
1985	3149	97.8	97.0	100.5
1986	1910	97.9	97.0	100.4
1987	1291	98.0	97.1	100.5
1988	1135	98.1	97.2	100.7
1989	1251	97.9	97.0	100.8
1990	1402	98.1	97.1	100.7
1991	1476	98.1	97.1	100.7
1992	1422	98.0	97.2	100.5

1993	1844	98.1	97.3	100.3
1994	2516	98.4	97.6	100.4
1995	2483	98.4	97.5	100.5
1996	2245	98.5	97.6	100.5
1997	1997	98.6	97.7	100.5
1998	1821	99.1	98.2	100.1
1999	1747	99.2	98.3	100.0
2000	1587	99.1	98.1	99.8
2001	1597	99.4	98.4	99.9
2002	1379	99.5	98.5	99.8
2003	1311	99.5	98.6	99.6
2004	1329	99.6	98.7	99.4
2005	1066	99.7	98.8	99.5
2006	983	99.8	98.9	99.1
2007	890	100.2	99.3	99.6
2008	796	99.7	98.8	99.9
2009	724	99.9	99.0	99.9
2010	666	100.3	99.4	100.0
2011	625	100.5	99.6	100.3
2012	598	100.9	100.0	100.3
2013	446	101.0	100.1	100.1
2014	409	101.1	100.2	100.2
2015	403	101.1	100.2	100.3
2016	412	101.2	100.3	100.6
2017	323	100.9	100.0	100.8
2018	320	101.4	100.5	100.9
2019	322	101.5	100.6	100.8
2020	290	101.1	100.1	101.0
2021	256	101.0	100.1	101.2
2022	26	101.1	100.2	101.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	872	-2837.2	-11384.7	-456.3	-419.8
2002	681	-2735.9	-10969.0	-438.5	-405.5
2003	651	-2622.2	-10460.6	-418.5	-389.8
2004	631	-2506.8	-9949.6	-396.7	-374.4
2005	502	-2439.6	-9625.0	-388.9	-363.3
2006	495	-2220.7	-8785.2	-349.3	-333.1
2007	437	-2098.2	-8366.3	-331.3	-313.8
2008	448	-2105.7	-8426.8	-329.3	-316.6
2009	347	-2046.1	-8053.5	-320.8	-307.6
2010	309	-1681.8	-6571.2	-255.5	-257.2
2011	294	-1397.0	-5460.9	-205.0	-217.4
2012	272	-1399.8	-5574.0	-207.9	-216.2
2013	259	-1163.3	-4571.4	-165.4	-183.7
2014	267	-1144.3	-4476.4	-162.1	-181.1
2015	238	-1189.3	-4671.3	-171.0	-186.9
2016	232	-1103.1	-4339.3	-152.4	-176.5
2017	163	-997.2	-3856.7	-131.6	-162.9
2018	165	-815.0	-3221.1	-103.4	-134.9
2019	166	-704.4	-2843.8	-87.2	-117.5

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

Jaar	Aantal	Eff	Int	Gewen
1980	46	94.2	96.8	98.1
1981	26	93.9	96.3	98.2
1983	17	96.7	100.1	97.5
1984	13	95.5	99.1	97.1
1985	11	96.2	100.0	97.4
1987	10	95.3	99.6	97.0
1990	12	95.7	99.5	97.7
1995	10	95.5	104.1	97.4
1996	21	96.7	100.9	97.5
1997	21	96.4	100.4	97.3
1998	20	95.8	99.0	97.3
1999	19	96.7	100.1	97.4
2000	42	97.0	98.7	98.0
2001	38	96.9	98.0	98.0
2002	28	96.5	99.2	97.5
2003	40	97.1	98.8	97.5
2004	36	97.1	98.4	97.8
2005	39	97.1	97.9	98.1
2006	56	96.6	98.8	97.4
2007	45	96.2	96.3	97.8
2008	72	96.8	96.3	98.3
2009	52	97.5	97.6	97.9
2010	64	97.6	97.7	98.8
2011	56	97.8	97.4	98.4
2012	50	98.4	94.3	98.2
2013	68	98.3	96.6	98.2
2014	73	98.4	97.7	98.1
2015	66	98.1	101.4	98.5
2016	81	98.6	105.0	98.0
2017	50	98.3	106.2	98.3
2018	50	98.4	111.1	97.3
2019	56	98.6	112.4	97.8

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	23321	97.8	101.8	2	-4.4	143.0	0	0.0
1981	20770	97.6	101.2	0	0.0	0.0	0	0.0
1982	15009	97.6	100.9	3	-4.1	84.7	0	0.0
1983	12830	97.8	100.9	0	0.0	0.0	0	0.0
1984	9402	98.0	101.0	0	0.0	0.0	0	0.0
1985	7379	98.1	100.9	9896	-4.3	134.1	0	0.0
1986	5023	98.2	100.9	5994	-4.2	128.6	0	0.0
1987	3570	98.3	100.6	3882	-4.0	121.0	0	0.0
1988	3329	98.1	100.3	3424	-4.0	114.3	0	0.0
1989	2989	97.9	99.9	3005	-3.8	110.5	0	0.0
1990	2547	98.0	99.8	2565	-3.7	108.8	0	0.0
1991	2141	97.9	99.6	2158	-3.6	104.0	0	0.0
1992	1848	98.0	99.7	1884	-3.5	102.1	0	0.0
1993	1682	98.3	99.9	1695	-3.4	101.0	0	0.0

1994	1665	98.8	99.8	1683	-3.3	95.0	0	0.0
1995	1552	98.6	99.7	1588	-3.1	91.2	0	0.0
1996	1464	98.9	99.8	1499	-3.0	88.5	0	0.0
1997	1198	99.4	99.7	1218	-2.9	88.4	0	0.0
1998	1085	99.3	99.5	1113	-2.8	89.2	0	0.0
1999	924	99.5	99.6	965	-2.7	88.8	0	0.0
2000	829	99.5	99.4	918	-2.7	89.6	0	0.0
2001	780	99.4	99.4	901	-2.6	89.6	295	90.7
2002	612	99.4	99.2	710	-2.5	87.2	226	90.2
2003	587	99.6	99.5	688	-2.5	87.6	225	90.9
2004	543	99.5	99.8	654	-2.5	91.0	229	90.7
2005	449	99.6	99.6	541	-2.5	89.7	167	90.3
2006	457	99.6	99.3	509	-2.3	87.4	146	90.2
2007	409	99.4	99.7	472	-2.4	89.1	68	89.6
2008	423	99.0	99.3	476	-2.3	85.7	60	89.3
2009	326	99.0	99.3	367	-2.3	88.4	50	89.0
2010	311	99.2	99.5	318	-2.0	85.3	31	88.2
2011	298	99.5	99.6	298	-2.0	82.7	32	87.4
2012	271	99.6	99.3	271	-1.8	79.9	21	87.7
2013	260	100.2	99.7	260	-1.7	77.8	21	87.8
2014	269	100.0	99.7	269	-1.6	75.6	4	91.0
2015	236	100.1	99.1	236	-1.6	74.0	4	91.8
2016	235	99.8	99.3	235	-1.5	62.6	4	93.0
2017	165	100.3	100.0	165	-1.4	65.0	3	92.0
2018	158	100.9	99.8	158	-1.0	48.5	3	92.3
2019	155	100.8	99.9	155	-1.0	54.4	4	90.5

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	2667	100.0	0	0.0	0	0.0	2667	97.0
1981	2059	99.9	0	0.0	0	0.0	2059	96.9
1982	1419	99.9	0	0.0	0	0.0	1419	96.6
1983	1249	99.9	0	0.0	0	0.0	1249	96.7
1984	780	99.9	0	0.0	0	0.0	780	97.4
1985	458	100.0	0	0.0	0	0.0	458	97.3
1986	231	100.0	0	0.0	0	0.0	231	97.0
1987	133	100.0	0	0.0	0	0.0	133	97.0
1988	81	100.0	0	0.0	0	0.0	81	97.0
1989	101	100.0	0	0.0	0	0.0	101	97.0
1990	109	100.0	0	0.0	0	0.0	109	97.1
1991	106	100.0	0	0.0	0	0.0	106	97.0
1992	105	100.0	0	0.0	0	0.0	105	96.9
1993	129	100.0	0	0.0	0	0.0	129	96.7
1994	120	99.9	0	0.0	0	0.0	120	96.3
1995	129	100.0	0	0.0	0	0.0	129	96.5
1996	165	100.0	0	0.0	0	0.0	165	96.6
1997	116	100.0	0	0.0	0	0.0	116	96.9
1998	139	100.0	0	0.0	0	0.0	139	96.2
1999	137	99.9	0	0.0	0	0.0	137	96.8
2000	159	99.9	0	0.0	0	0.0	159	96.0
2001	159	99.9	0	0.0	0	0.0	159	96.6
2002	145	99.9	0	0.0	0	0.0	145	96.3
2003	154	99.9	0	0.0	0	0.0	154	96.7
2004	181	99.9	0	0.0	0	0.0	181	96.6
2005	151	99.9	0	0.0	0	0.0	151	96.6

2006	224	99.9	0	0.0	0	0.0	224	96.4
2007	223	99.9	0	0.0	0	0.0	223	96.7
2008	253	99.9	0	0.0	0	0.0	253	96.8
2009	217	99.9	0	0.0	0	0.0	217	96.4
2010	248	99.9	0	0.0	0	0.0	248	96.6
2011	243	99.9	0	0.0	0	0.0	243	96.9
2012	224	99.9	0	0.0	0	0.0	224	96.8
2013	222	99.9	0	0.0	0	0.0	222	97.0
2014	222	99.9	0	0.0	0	0.0	222	97.5
2015	203	99.9	0	0.0	0	0.0	203	96.9
2016	199	99.9	0	0.0	0	0.0	199	97.0
2017	136	99.9	0	0.0	0	0.0	136	96.5
2018	136	100.0	0	0.0	0	0.0	136	97.8
2019	135	100.0	0	0.0	0	0.0	135	97.9

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	63	-1543.3	-59.2	-67.8	-77.1	20.5	-21.8	-12.6	-425.3
1981	56	-1581.6	-53.7	-68.8	-78.9	34.9	-21.6	-12.7	-418.7
1982	41	-1556.6	-49.7	-67.4	-77.8	40.7	-20.5	-12.5	-404.3
1983	21	-1606.5	-57.1	-68.3	-80.0	29.9	-18.9	-12.6	-424.0
1984	22	-1475.4	-53.4	-62.8	-74.0	25.0	-16.5	-12.4	-391.8
1985	24	-1422.5	-54.6	-62.1	-71.6	18.0	-19.2	-12.3	-390.9
1986	20	-1442.5	-55.8	-64.2	-72.6	17.7	-21.6	-12.6	-402.0
1987	16	-1426.2	-47.2	-60.6	-71.9	32.9	-15.8	-12.6	-369.2
1988	10	-1596.0	-60.5	-65.0	-79.6	21.7	-12.4	-12.7	-417.5
1990	22	-1337.7	-46.7	-57.1	-67.8	26.0	-15.1	-12.3	-352.7
1991	16	-1253.8	-37.2	-48.2	-64.0	36.2	-3.7	-12.2	-295.3
1993	12	-1242.4	-44.4	-56.2	-63.5	21.7	-19.8	-12.2	-342.7
1994	23	-1274.3	-43.1	-53.5	-64.9	25.8	-12.4	-12.1	-329.6
1995	35	-1558.7	-63.8	-62.9	-77.9	11.6	-10.5	-12.7	-415.1
1996	20	-1336.6	-50.0	-53.9	-68.0	19.9	-8.1	-12.8	-346.3
1997	24	-1527.7	-63.7	-59.8	-76.2	8.9	-7.0	-11.9	-402.1
1998	21	-1371.3	-49.5	-56.9	-69.3	23.0	-11.7	-12.4	-357.9
1999	30	-1208.5	-49.1	-53.7	-61.8	9.3	-17.1	-11.8	-342.1
2000	25	-1312.1	-53.5	-54.4	-65.2	10.2	-11.0	-9.8	-354.9
2001	31	-1360.6	-54.4	-53.3	-65.5	12.2	-5.7	-5.9	-352.4
2002	27	-1299.2	-51.3	-52.6	-61.0	12.9	-8.8	-2.5	-341.7
2003	35	-1182.7	-48.3	-50.5	-58.0	8.7	-12.6	-6.5	-325.9
2004	27	-1052.0	-37.7	-45.1	-46.7	17.4	-11.2	3.0	-278.3
2005	32	-1186.4	-41.6	-49.2	-53.2	21.8	-9.9	2.8	-305.1
2006	29	-1082.4	-42.7	-46.5	-46.8	10.6	-11.9	6.0	-294.3
2007	15	-1243.1	-44.9	-48.9	-58.1	20.1	-5.4	-1.5	-312.3
2008	26	-961.7	-36.1	-42.0	-42.5	13.3	-11.1	3.7	-260.9
2009	26	-1024.2	-40.7	-42.3	-48.7	9.8	-7.8	-3.2	-273.5
2010	26	-1228.4	-50.3	-48.6	-58.8	8.7	-5.3	-4.8	-322.5
2011	16	-1103.4	-40.3	-43.8	-50.1	16.5	-5.7	1.6	-279.4
2012	17	-909.7	-36.3	-39.8	-41.2	7.8	-11.0	1.2	-252.0
2013	18	-832.1	-33.4	-37.7	-39.7	6.5	-12.3	-2.5	-236.6
2014	17	-715.6	-22.5	-32.4	-33.0	16.6	-10.3	-0.3	-189.8
2015	18	-900.8	-34.2	-41.4	-41.9	10.1	-15.1	-0.6	-254.1
2016	13	-469.2	-9.4	-24.2	-21.7	19.9	-11.3	-0.2	-125.2
2017	14	-541.8	-13.7	-27.5	-26.1	17.6	-12.6	-1.9	-149.4
2018	20	-548.2	-15.6	-29.4	-22.4	14.9	-15.6	5.0	-160.2

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	412	103.5	102.5	102.3	102.9	102.6	100.6	91.6	102.6
1981	368	102.9	102.3	101.8	102.5	102.0	99.4	91.6	102.2
1982	281	102.5	102.3	101.6	102.3	101.6	99.2	91.8	102.0
1983	183	102.1	101.6	101.0	101.4	101.1	99.2	92.0	101.3
1984	70	102.3	101.2	101.1	101.3	101.1	98.8	92.4	101.2
1985	43	102.6	101.0	101.2	101.3	101.6	99.5	91.9	101.3
1986	31	102.3	101.7	101.2	101.7	101.3	98.6	92.3	101.6
1987	25	101.7	102.0	100.8	101.6	100.7	98.4	92.4	101.3
1988	15	101.4	101.5	100.5	101.0	100.7	99.9	92.2	100.9
1989	18	101.8	100.2	99.3	99.7	100.1	98.7	90.7	99.5
1990	28	101.0	101.6	100.4	101.1	100.5	98.9	93.0	101.0
1991	22	101.8	100.9	100.6	100.9	100.7	99.6	93.3	100.8
1992	11	101.5	99.5	99.8	99.6	99.9	99.1	92.5	99.6
1993	23	101.6	99.9	99.9	99.8	100.2	98.6	92.0	99.9
1994	30	99.9	101.1	99.3	100.3	99.4	98.7	93.5	99.8
1995	42	101.1	102.1	100.6	101.6	100.8	99.5	93.4	101.2
1996	37	100.7	102.9	101.2	102.1	100.9	99.1	94.3	101.8
1997	37	100.6	102.6	101.0	101.8	100.7	98.6	92.9	101.7
1998	41	100.7	102.6	100.8	101.9	100.8	99.0	92.7	101.5
1999	47	100.9	102.1	100.5	101.6	100.9	99.0	92.3	101.1
2000	41	100.1	103.0	100.6	102.0	100.4	98.4	93.1	101.6
2001	47	99.9	102.6	100.6	101.7	100.3	98.6	94.4	101.3
2002	51	99.3	102.7	100.1	101.5	99.8	98.4	94.5	101.0
2003	64	99.2	101.7	99.4	100.6	99.1	98.6	94.8	100.0
2004	39	100.6	101.5	100.5	101.1	100.6	99.4	94.8	100.9
2005	51	100.7	102.3	101.0	101.9	101.0	99.8	94.1	101.5
2006	52	100.1	102.3	100.4	101.5	100.4	99.1	94.7	101.1
2007	33	100.7	101.6	100.2	101.0	100.4	98.8	93.6	100.5
2008	50	100.3	101.3	100.0	100.7	100.2	99.0	94.1	100.4
2009	63	99.9	102.0	100.3	101.1	100.2	98.8	94.9	100.8
2010	60	100.2	102.0	100.4	101.3	100.4	99.2	94.7	100.9
2011	52	99.5	102.7	100.3	101.5	100.1	98.6	94.8	101.2
2012	59	100.1	102.1	100.3	101.4	100.3	99.2	95.1	101.0
2013	47	100.1	101.9	100.3	101.2	100.3	99.6	95.0	100.9
2014	37	101.1	100.3	100.2	100.3	100.6	100.1	95.4	100.4
2015	36	101.5	99.9	99.9	100.0	100.6	100.1	94.1	99.9
2016	51	100.1	100.8	99.8	100.2	100.0	99.7	95.7	100.1
2017	41	100.0	100.7	99.8	100.2	100.0	99.7	96.4	100.2
2018	50	100.3	100.2	99.7	99.8	99.9	100.2	96.1	99.8
2019	32	99.5	100.8	99.7	100.1	99.8	99.5	96.4	100.1

Tabel: 91 Fries Hollands - roodbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	63	-176.8	-425.3	-122.5	105.0	102.6	93.8	88.7	99.0	0.0
1981	56	-182.8	-418.7	-91.0	104.9	102.2	93.9	89.2	99.3	0.0
1982	41	-184.8	-404.3	-139.8	104.2	102.0	94.7	89.2	98.8	0.0

1983	21	-226.2	-424.0	-112.6	104.7	101.3	93.8	88.7	99.5	0.0
1984	22	-213.8	-391.8	-305.6	104.8	101.2	92.7	88.2	97.2	0.0
1985	24	-213.1	-390.9	-425.0	104.5	101.3	94.9	89.2	98.2	101.8
1986	20	-203.2	-402.0	-464.4	104.0	101.6	95.6	88.6	98.8	100.2
1987	16	-192.2	-369.2	-541.6	103.8	101.3	94.5	86.8	98.0	97.0
1988	10	-189.9	-417.5	-498.0	104.0	100.9	99.0	92.5	97.8	78.4
1990	22	-186.6	-352.7	-564.8	102.6	101.0	95.9	91.1	99.9	66.0
1991	16	-175.0	-295.3	-465.1	102.6	100.8	95.0	91.0	98.9	72.7
1993	12	-168.4	-342.7	-489.7	102.5	99.9	98.5	91.0	98.7	67.6
1994	23	-177.0	-329.6	-413.4	103.1	99.8	96.5	90.8	99.0	92.0
1995	35	-215.6	-415.1	-515.4	103.3	101.2	96.5	91.0	98.8	90.8
1996	20	-188.7	-346.3	-387.1	104.2	101.8	91.5	90.0	98.5	78.2
1997	24	-191.2	-402.1	-512.2	103.5	101.7	94.0	89.7	98.4	70.7
1998	21	-168.9	-357.9	-432.4	103.0	101.5	94.0	89.7	98.8	66.2
1999	30	-189.9	-342.1	-456.3	103.3	101.1	96.0	89.0	98.3	88.4
2000	25	-177.0	-354.9	-430.0	103.3	101.6	95.7	89.6	98.7	87.2
2001	31	-146.3	-352.4	-263.8	103.8	101.3	95.3	92.7	99.6	88.6
2002	27	-160.6	-341.7	-350.2	103.1	101.0	94.6	89.4	99.6	74.8
2003	35	-161.3	-325.9	-403.5	103.1	100.0	93.9	90.4	99.1	72.1
2004	27	-155.1	-278.3	-332.8	102.5	100.9	95.8	89.6	99.5	83.3
2005	32	-162.6	-305.1	-397.3	102.3	101.5	93.3	88.3	99.5	88.9
2006	29	-131.0	-294.3	-383.9	102.7	101.1	98.0	91.0	99.2	72.0
2007	15	-160.9	-312.3	-391.7	102.7	100.5	95.5	89.0	99.6	77.6
2008	26	-123.5	-260.9	-298.2	102.6	100.4	98.0	92.0	99.8	52.5
2009	26	-115.7	-273.5	-229.2	103.0	100.8	94.5	90.5	100.1	70.8
2010	26	-139.5	-322.5	-261.5	102.5	100.9	95.0	88.5	100.3	82.4
2011	16	-127.0	-279.4	-300.3	102.9	101.2	92.0	87.0	100.1	47.7
2012	17	-133.2	-252.0	-217.9	103.1	101.0	92.0	91.0	100.5	82.4
2013	18	-135.3	-236.6	-215.1	103.2	100.9	96.0	87.0	100.3	88.6
2014	17	-95.4	-189.8	-186.5	103.1	100.4	95.8	91.5	100.0	58.7
2015	18	-144.4	-254.1	-290.6	102.7	99.9	96.0	89.9	99.2	56.4
2016	13	-38.2	-125.2	-168.1	103.8	100.1	0.0	0.0	99.6	15.5
2017	14	-63.6	-149.4	-200.3	102.7	100.2	0.0	0.0	99.6	31.2
2018	20	-55.9	-160.2	-99.2	103.5	99.8	92.0	91.0	99.6	32.8

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	35	101.7	97.3	101.7	97.3	92.3	96.1
1981	42	101.8	98.0	101.8	98.0	92.7	96.2
1982	31	101.7	97.2	101.7	97.2	92.7	95.7
1990	11	104.3	97.7	104.3	97.7	95.5	96.8
1991	12	103.0	97.4	103.0	97.4	94.5	97.1
1993	10	102.6	97.1	102.6	97.1	94.0	97.2
1994	14	103.4	97.4	103.4	97.4	94.9	97.6
1995	30	103.5	97.6	103.5	97.6	94.9	97.5
1996	23	102.0	97.6	102.0	97.6	93.7	97.4
1997	34	102.4	97.2	102.4	97.2	93.9	97.5
1998	32	102.5	97.1	102.5	97.1	94.3	97.4
1999	31	102.7	97.0	102.7	97.0	94.2	98.0
2000	39	102.4	96.8	102.4	96.8	94.2	97.6
2001	52	103.1	97.5	103.1	97.5	94.6	98.1
2002	50	102.9	97.4	102.9	97.4	94.7	97.9
2003	54	103.0	95.2	103.0	95.2	94.7	95.6
2004	40	103.4	97.2	103.4	97.2	94.8	97.9
2005	46	103.3	97.4	103.3	97.4	94.8	97.8

2006	53	103.1	97.1	103.1	97.1	94.7	97.7
2007	29	102.9	97.6	102.9	97.6	94.2	97.7
2008	39	103.2	97.6	103.2	97.6	94.6	98.1
2009	47	103.8	95.7	103.8	95.7	95.0	96.2
2010	41	103.7	93.6	103.7	93.6	95.0	93.6
2011	37	103.2	98.3	103.2	98.3	94.5	98.4
2012	49	103.9	98.0	103.9	98.0	95.1	98.4
2013	37	103.6	97.9	103.6	97.9	95.4	98.1
2014	35	103.7	97.6	103.7	97.6	95.7	97.6
2015	27	103.6	97.6	103.6	97.6	96.1	97.1
2016	41	103.8	97.0	103.8	97.0	96.1	97.3
2017	48	103.5	97.0	103.5	97.0	95.7	97.3
2018	45	103.1	95.3	103.1	95.3	95.4	95.4
2019	36	103.8	91.9	103.8	91.9	95.9	92.2
2020	30	104.0	88.2	104.0	88.2	95.7	88.3
2021	32	104.7	81.9	104.7	81.9	96.2	82.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	53	99.5	100.0	102.9	81.9	76.6	74.4
1981	55	99.5	99.8	103.1	84.0	79.1	76.8
1982	43	98.8	100.0	103.7	60.0	55.9	54.6
1983	33	99.5	101.7	102.6	47.0	43.9	42.8
1984	14	97.9	101.4	104.7	43.9	41.5	40.4
1990	10	98.8	99.4	104.0	80.8	77.9	77.2
1991	13	98.2	99.5	104.2	54.6	51.9	51.5
1993	11	98.4	100.8	103.8	27.4	26.8	26.6
1995	18	98.4	100.4	103.6	50.6	48.2	48.1
1996	10	98.7	100.2	103.5	59.7	57.9	57.1
1997	19	98.7	99.1	103.4	57.5	56.2	55.8
1998	18	102.2	101.7	99.2	82.1	81.4	81.2
1999	28	100.4	99.8	101.6	57.0	55.6	55.4
2000	23	100.5	99.9	101.0	73.3	71.8	70.6
2001	28	100.8	101.2	100.8	63.3	63.1	62.4
2002	26	101.8	99.5	99.6	87.6	85.7	84.4
2003	39	99.9	100.2	102.1	81.1	79.9	79.2
2004	33	101.9	98.4	99.6	81.5	78.5	77.7
2005	39	100.7	100.1	100.9	91.9	89.1	88.1
2006	38	100.5	98.8	101.5	89.7	86.1	86.2
2007	30	100.3	98.7	101.5	70.2	66.5	66.4
2008	41	99.9	99.0	101.9	73.3	69.9	69.3
2009	45	100.3	98.8	101.5	84.6	80.7	80.0
2010	39	100.2	99.1	101.8	71.7	69.5	68.7
2011	40	99.7	99.1	102.3	75.3	71.5	71.5
2012	43	99.5	99.3	102.7	81.8	77.9	76.8
2013	33	99.6	98.6	102.7	70.3	66.8	66.0
2014	25	100.2	99.7	101.7	79.6	78.0	76.9
2015	33	100.2	98.7	101.8	54.5	52.9	52.2
2016	35	100.3	99.3	101.6	77.1	74.7	73.3
2017	30	100.1	100.7	102.0	96.4	94.0	92.1
2018	34	99.5	100.2	102.2	56.1	54.1	53.0
2019	23	99.7	99.7	102.0	65.0	63.2	62.0
2020	24	100.7	100.5	100.7	29.1	28.7	28.0
2021	37	100.0	99.9	101.9	13.6	12.9	12.7

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	49	99.9	101.2	95.9	95.6	106.9	94.4	100.7	93.7	106.0	94.0	96.8
1981	57	100.0	101.2	95.8	95.7	107.1	94.6	100.3	94.6	105.9	94.4	96.4
1982	53	99.8	100.6	95.2	95.5	106.4	94.6	100.2	94.4	105.6	94.1	96.3
1983	23	99.7	101.2	93.3	96.7	106.0	94.0	100.6	93.5	105.7	92.8	97.6
1984	14	100.6	101.3	94.6	96.4	106.8	94.3	101.2	93.7	106.2	93.3	98.0
1985	14	100.4	101.4	95.6	96.6	106.4	95.1	100.9	94.6	106.3	94.1	98.4
1986	13	100.3	102.0	95.5	97.2	106.3	94.8	101.2	93.8	106.5	94.2	98.6
1987	10	100.6	99.8	96.2	96.6	106.1	94.4	102.1	93.4	105.2	93.9	98.6
1989	11	99.4	99.4	94.8	96.6	104.5	95.2	100.5	94.6	103.7	93.6	96.9
1990	21	99.5	98.4	96.0	96.2	103.9	95.6	100.8	94.6	103.5	94.5	96.8
1991	17	99.1	98.2	96.4	96.1	103.6	95.4	100.5	94.2	102.9	94.2	97.0
1992	12	100.0	98.5	94.8	96.2	104.1	94.9	100.9	95.7	103.6	93.2	96.9
1993	19	99.4	98.9	95.4	96.8	103.4	96.3	99.8	96.0	103.7	94.1	97.2
1994	27	98.3	99.1	95.1	96.0	103.3	95.7	99.1	94.8	104.0	93.7	96.6
1995	36	98.5	100.6	95.1	96.1	104.5	96.0	98.9	94.7	105.3	94.1	96.6
1996	31	98.3	99.6	94.8	95.9	103.9	95.1	99.6	93.1	104.5	93.4	96.8
1997	36	99.4	101.1	93.8	96.6	105.6	95.3	99.8	94.1	105.9	93.4	97.6
1998	35	100.0	101.5	95.3	95.7	106.3	95.7	99.3	96.2	107.1	93.9	97.6
1999	43	100.0	101.2	95.7	95.8	106.3	95.8	99.8	95.6	106.9	94.2	97.7
2000	38	100.1	102.0	93.3	97.3	105.9	95.0	100.2	94.6	106.4	93.0	98.3
2001	43	98.4	101.2	92.7	96.9	104.6	95.9	99.0	93.3	106.0	93.0	98.0
2002	45	98.3	100.4	94.1	95.8	104.9	95.7	99.0	93.7	105.6	93.2	96.8
2003	57	98.8	100.1	95.1	96.2	104.6	95.8	99.3	94.7	105.2	94.0	96.9
2004	40	98.2	98.3	94.4	95.2	103.8	95.7	99.1	94.4	104.0	93.9	96.0
2005	43	99.0	100.3	93.7	95.7	105.3	95.7	99.2	94.7	105.8	93.6	96.7
2006	37	98.7	100.0	93.9	95.9	104.5	95.6	99.0	94.8	105.3	93.6	96.8
2007	21	97.7	98.3	94.6	95.5	102.7	96.4	98.7	94.2	103.3	94.7	95.7
2008	30	98.5	98.4	94.7	95.5	102.8	95.8	99.2	95.4	103.7	94.2	96.2
2009	23	98.6	99.3	94.5	95.8	103.6	96.2	99.1	95.3	104.4	94.3	96.5
2010	13	97.7	98.7	94.2	95.8	103.1	96.0	99.1	93.8	103.5	94.0	96.2

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	38	98.8	97.8	100.8
1981	44	98.8	98.2	100.5
1982	31	98.9	98.0	100.2
1990	11	98.5	97.4	100.5
1991	14	98.4	97.4	101.1
1994	15	99.8	98.8	101.1
1995	30	99.7	98.7	101.3
1996	24	99.7	98.5	101.2
1997	35	99.5	98.5	100.7
1998	27	99.3	98.1	101.1
1999	26	99.1	98.0	101.2
2000	35	99.7	98.3	101.0
2001	40	100.0	98.8	100.9
2002	39	99.9	98.7	100.6

2003	45	100.2	98.9	101.0
2004	38	99.8	98.6	100.2
2005	39	100.1	98.8	100.9
2006	45	99.8	98.8	101.1
2007	36	99.7	98.5	101.3
2008	39	99.7	98.7	101.2
2009	48	100.6	99.6	101.1
2010	39	100.5	99.2	101.1
2011	36	100.1	99.0	101.4
2012	53	100.6	99.5	101.1
2013	38	100.5	99.2	101.2
2014	36	100.8	99.6	101.3
2015	24	100.6	99.3	101.5
2016	40	101.2	99.8	101.5
2017	45	101.4	100.1	101.3
2018	35	101.9	100.7	101.6
2019	32	101.5	100.4	101.6
2020	36	101.3	100.0	101.8
2021	15	101.3	100.1	101.9

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	26	-2887.1	-11613.1	-474.8	-421.9
2002	27	-3358.4	-13566.5	-551.7	-490.7
2003	36	-3585.6	-14321.6	-594.4	-522.0
2004	28	-3095.0	-12524.3	-498.6	-456.8
2005	33	-3477.3	-14055.6	-565.5	-510.4
2006	26	-3297.5	-13176.3	-538.3	-482.7
2007	14	-3471.4	-14187.8	-570.4	-506.4
2008	25	-2867.3	-11535.0	-461.4	-423.4
2009	23	-2397.6	-9608.3	-385.7	-354.7
2010	22	-2812.1	-11334.6	-462.9	-410.5
2011	16	-2906.6	-11897.7	-471.9	-426.6
2012	16	-2336.8	-9333.9	-375.2	-345.9
2013	19	-2324.2	-9275.4	-371.1	-345.5
2014	19	-2017.3	-8252.9	-309.1	-305.7
2015	20	-2836.7	-11414.7	-454.8	-420.1
2016	14	-1684.0	-6998.4	-243.3	-262.3
2017	15	-1968.9	-8041.9	-294.5	-302.1
2018	19	-1367.1	-5487.5	-183.5	-220.7

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	63	98.0	102.5	0	0.0	0.0	0	0.0
1981	56	97.2	101.3	0	0.0	0.0	0	0.0
1982	41	97.6	101.5	0	0.0	0.0	0	0.0
1983	21	97.5	101.6	0	0.0	0.0	0	0.0
1984	22	97.5	101.8	0	0.0	0.0	0	0.0
1985	24	97.1	102.2	28	-4.1	101.8	0	0.0

1986	20	98.1	102.2	25	-4.0	100.2	0	0.0
1987	16	97.0	101.9	17	-3.9	97.0	0	0.0
1988	10	97.2	102.4	10	-3.9	78.4	0	0.0
1990	22	98.6	101.8	22	-3.3	66.0	0	0.0
1991	16	97.1	100.8	16	-3.0	72.7	0	0.0
1993	12	96.2	99.1	12	-3.2	67.6	0	0.0
1994	23	97.0	101.4	23	-3.6	92.0	0	0.0
1995	35	97.4	101.3	35	-4.2	90.8	0	0.0
1996	20	98.7	101.3	20	-3.5	78.2	0	0.0
1997	24	98.2	101.8	24	-3.8	70.7	0	0.0
1998	21	97.8	100.8	22	-3.3	66.2	0	0.0
1999	30	98.1	100.7	31	-3.6	88.4	0	0.0
2000	25	97.7	101.1	25	-3.7	87.2	0	0.0
2001	31	97.8	101.4	31	-3.7	88.6	3	90.7
2002	27	98.5	100.8	27	-3.4	74.8	5	93.2
2003	35	98.0	101.2	36	-3.2	72.1	7	91.0
2004	27	97.6	100.0	27	-3.0	83.3	5	91.0
2005	32	97.4	101.2	34	-3.3	88.9	6	91.3
2006	29	98.0	101.0	29	-3.0	72.0	1	90.0
2007	15	98.8	101.1	15	-3.2	77.6	2	95.0
2008	26	99.0	100.3	26	-2.4	52.5	1	91.0
2009	26	99.7	101.0	28	-2.9	70.8	3	92.7
2010	26	99.9	100.9	27	-3.4	82.4	2	93.0
2011	16	100.2	100.6	16	-2.5	47.7	1	86.0
2012	17	101.5	101.0	17	-2.9	82.4	1	90.0
2013	18	100.0	101.3	18	-2.9	88.6	1	85.0
2014	17	100.4	101.0	18	-2.1	58.7	3	93.0
2015	18	100.0	102.2	18	-2.4	56.4	8	93.6
2016	13	99.2	101.4	13	-0.9	15.5	0	0.0
2017	14	100.4	100.9	14	-1.3	31.2	0	0.0
2018	20	99.6	100.0	20	-1.4	32.8	1	93.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2000	10	100.0	0	0.0	0	0.0	10	97.8
2001	12	100.0	0	0.0	0	0.0	12	97.1
2002	11	99.9	0	0.0	0	0.0	11	96.9
2004	18	99.9	0	0.0	0	0.0	18	96.6
2005	16	99.8	0	0.0	0	0.0	16	95.9
2008	19	99.8	0	0.0	0	0.0	19	96.8
2009	19	99.9	0	0.0	0	0.0	19	97.6
2010	23	100.0	0	0.0	0	0.0	23	98.2
2011	15	100.0	0	0.0	0	0.0	15	99.0
2012	17	100.0	0	0.0	0	0.0	17	97.4
2013	17	99.9	0	0.0	0	0.0	17	97.4
2014	18	99.9	0	0.0	0	0.0	18	98.3
2015	19	99.9	0	0.0	0	0.0	19	98.0
2016	13	99.9	0	0.0	0	0.0	13	98.2
2017	15	100.0	0	0.0	0	0.0	15	97.6
2018	20	100.0	0	0.0	0	0.0	20	97.2

Tabel: 99 Maas Rijn IJssel: Melkproductiekenmerken
Basis: Dubbeldoel

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	15917	-1635.5	-72.6	-67.8	-81.4	0.5	-15.6	-12.7	-454.7
1981	16451	-1639.0	-71.9	-67.6	-81.5	2.2	-15.0	-12.7	-452.8
1982	19883	-1609.4	-70.4	-66.5	-80.2	2.7	-14.8	-12.7	-444.6
1983	26464	-1598.0	-69.4	-65.8	-79.7	3.8	-14.1	-12.7	-439.4
1984	33990	-1581.7	-69.3	-65.3	-78.9	2.5	-14.1	-12.7	-436.9
1985	39066	-1571.2	-69.6	-64.7	-78.4	0.9	-13.8	-12.6	-435.2
1986	36129	-1568.1	-69.1	-64.3	-78.3	1.7	-12.9	-12.6	-432.2
1987	34320	-1567.7	-68.6	-63.8	-78.3	2.9	-11.9	-12.7	-429.0
1988	44036	-1573.5	-67.4	-64.1	-78.5	5.9	-12.1	-12.6	-428.1
1989	32014	-1605.4	-66.9	-64.0	-80.0	9.9	-9.4	-12.8	-426.9
1990	23405	-1543.1	-65.1	-61.5	-77.2	7.9	-8.9	-12.7	-411.9
1991	19906	-1416.2	-59.1	-57.2	-71.4	8.4	-9.5	-12.5	-380.1
1992	18841	-1352.2	-57.1	-55.0	-68.5	6.6	-9.6	-12.3	-365.8
1993	18751	-1248.7	-53.2	-51.3	-63.9	5.0	-9.7	-12.5	-341.3
1994	12675	-1187.8	-51.9	-49.3	-61.7	2.3	-10.0	-13.4	-329.6
1995	9164	-1142.0	-52.0	-47.9	-60.1	-1.7	-10.5	-14.2	-323.4
1996	6305	-1038.5	-49.1	-44.0	-55.4	-5.0	-10.1	-14.1	-300.2
1997	4584	-952.6	-44.9	-40.6	-51.5	-4.3	-9.6	-14.0	-276.4
1998	3911	-929.6	-44.0	-39.0	-50.0	-4.2	-8.1	-13.2	-267.2
1999	3626	-889.5	-41.1	-36.3	-48.1	-2.3	-5.8	-13.0	-249.7
2000	3396	-800.2	-38.0	-33.5	-42.7	-3.7	-6.6	-10.5	-230.0
2001	3276	-733.8	-35.1	-31.4	-32.4	-3.9	-7.2	2.4	-212.2
2002	2735	-635.9	-29.6	-27.1	-27.0	-1.6	-5.9	4.0	-181.5
2003	2721	-623.9	-31.7	-26.7	-27.0	-6.3	-5.9	3.0	-184.2
2004	2659	-602.3	-30.2	-25.2	-26.9	-5.2	-4.7	1.6	-174.7
2005	2590	-575.9	-29.1	-24.0	-26.2	-5.4	-4.3	0.6	-167.6
2006	2761	-444.5	-24.5	-18.7	-20.0	-7.3	-3.5	0.8	-134.2
2007	2879	-457.9	-23.2	-18.9	-21.0	-4.4	-3.0	0.1	-132.5
2008	2894	-415.8	-20.5	-16.8	-19.3	-2.8	-2.0	-0.2	-117.5
2009	2687	-348.7	-19.1	-14.6	-17.4	-5.4	-2.5	-2.1	-105.4
2010	2523	-270.7	-16.6	-12.8	-14.1	-6.8	-4.0	-2.6	-91.6
2011	2517	-240.3	-13.3	-10.8	-13.2	-3.4	-2.6	-3.4	-76.3
2012	2603	-210.2	-10.5	-9.3	-11.7	-1.1	-1.9	-3.3	-63.5
2013	2714	-180.0	-9.8	-6.7	-9.5	-2.4	0.3	-1.9	-51.0
2014	2344	-131.4	-7.1	-5.8	-8.1	-1.3	-1.1	-3.3	-41.3
2015	2058	-126.8	-6.4	-5.8	-8.4	-0.6	-1.2	-4.0	-39.7
2016	1749	-109.1	-4.0	-3.8	-7.2	2.0	0.8	-3.5	-26.2
2017	1417	-46.5	-1.1	-2.2	-4.6	2.3	-0.3	-4.0	-12.8
2018	1325	-47.9	-0.0	-2.4	-4.6	4.0	-0.5	-3.8	-11.2
2019	1101	11.9	1.5	-0.2	-2.2	2.4	-0.4	-4.1	1.9
2020	37	-45.9	2.4	-1.2	-4.1	7.7	1.2	-3.0	-1.2

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	50863	89.4	96.5	92.0	90.5	106.2	99.0	97.4
1981	51445	89.5	96.5	92.3	90.9	105.9	99.1	97.6
1982	49755	89.6	96.9	92.7	91.2	106.3	99.1	97.3
1983	48422	89.9	96.9	93.0	91.3	105.9	99.5	97.3
1984	41603	90.3	97.3	93.3	91.9	105.4	99.3	97.7
1985	36495	91.1	97.7	93.9	92.5	105.4	99.6	98.2

1986	26535	91.4	97.9	94.4	93.0	105.0	99.6	98.3
1987	20328	92.1	98.1	95.0	93.7	104.7	99.7	98.3
1988	21471	92.1	98.0	95.4	94.0	104.6	99.6	97.9
1989	13582	92.0	98.2	95.3	93.7	105.0	99.7	98.2
1990	9677	92.4	97.8	95.1	93.5	104.3	99.6	98.3
1991	8504	92.9	97.2	95.6	94.2	103.6	99.6	98.1
1992	7803	93.4	96.8	96.0	94.7	103.0	99.0	97.9
1993	7082	93.6	96.6	95.4	94.8	102.7	98.7	97.6
1994	4563	94.2	97.7	96.3	95.6	102.7	98.7	98.4
1995	3222	94.5	98.3	96.9	96.0	102.6	99.0	98.8
1996	2346	96.0	98.4	97.7	96.1	102.8	99.4	99.3
1997	1630	96.1	99.0	98.3	96.6	102.5	99.3	99.4
1998	1471	96.1	98.6	98.0	96.4	102.3	99.3	98.8
1999	1430	96.1	98.9	98.2	96.9	102.0	98.6	98.2
2000	1320	96.4	98.6	97.9	97.0	101.7	99.2	98.6
2001	1286	96.6	99.2	98.4	97.6	101.7	99.5	99.0
2002	1151	96.8	99.2	98.7	97.9	101.6	99.0	98.8
2003	1144	97.6	99.7	98.8	98.1	101.8	100.1	99.6
2004	1130	97.9	99.4	98.6	98.0	101.7	99.8	99.4
2005	1141	98.5	100.0	99.4	98.6	101.8	99.7	99.3
2006	1165	98.8	99.3	99.6	99.2	100.8	99.7	98.9
2007	1131	98.6	99.4	98.9	98.5	100.9	99.9	99.9
2008	1084	98.8	100.3	99.4	98.8	101.4	99.8	100.3
2009	1098	99.2	100.2	99.7	99.1	101.2	99.4	99.7
2010	1107	99.2	99.9	99.7	99.5	100.9	99.4	99.6
2011	1118	99.4	100.3	100.1	99.8	101.0	99.6	100.1
2012	1145	99.8	100.7	100.3	99.7	101.3	99.2	99.9
2013	1156	99.8	100.6	100.3	100.5	100.6	99.2	100.0
2014	971	100.0	100.8	100.2	100.4	100.8	99.8	100.5
2015	836	100.1	100.7	100.1	100.6	100.8	99.8	100.2
2016	806	100.3	100.8	101.0	101.3	100.5	99.5	99.9
2017	639	100.5	100.7	101.2	101.4	100.6	99.3	100.0
2018	594	100.4	100.8	101.0	101.3	100.6	98.9	99.8
2019	414	100.6	100.5	100.8	101.1	100.6	99.1	99.7

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	50863	91.3	100.3	97.4	92.3	90.9
1981	51445	91.5	100.6	97.1	91.8	91.0
1982	49755	91.9	101.2	96.6	92.1	91.5
1983	48422	92.0	101.3	96.5	92.8	91.6
1984	41603	92.7	100.2	96.8	93.8	92.5
1985	36495	93.2	99.5	96.8	94.1	93.0
1986	26535	93.5	99.6	96.6	94.1	93.2
1987	20328	93.9	98.9	97.0	94.0	93.6
1988	21471	93.5	99.6	97.0	93.9	93.4
1989	13582	93.4	100.1	96.9	94.0	93.3
1990	9677	93.3	100.2	96.8	94.1	93.1
1991	8504	93.6	100.5	96.3	93.9	93.4
1992	7803	94.2	100.4	97.0	94.3	93.8
1993	7082	94.7	99.7	97.6	94.4	94.4
1994	4563	95.0	100.1	97.8	94.6	94.6
1995	3222	95.8	100.2	98.2	95.1	95.2
1996	2346	96.3	100.5	98.4	95.8	95.9
1997	1630	96.7	100.7	98.3	95.9	96.0

1998	1471	96.4	100.1	98.3	95.7	96.0
1999	1430	97.0	100.5	98.7	96.1	96.7
2000	1320	96.8	100.2	98.9	96.1	96.7
2001	1286	97.1	100.7	98.5	96.2	96.7
2002	1151	97.6	100.7	98.6	96.7	97.4
2003	1144	97.3	100.3	99.4	96.9	97.2
2004	1130	97.6	100.0	99.5	96.8	97.4
2005	1141	97.5	100.3	99.7	96.4	97.5
2006	1165	97.8	100.8	99.3	95.3	97.8
2007	1131	98.1	99.8	100.0	94.2	98.4
2008	1084	97.9	99.9	99.5	94.1	97.9
2009	1098	98.4	100.3	99.8	88.8	98.5
2010	1107	98.9	100.7	99.6	86.0	99.2
2011	1118	99.1	100.4	99.5	82.6	99.5
2012	1145	99.1	100.1	99.9	77.2	99.6
2013	1156	99.5	100.1	100.3	66.3	100.2
2014	971	100.0	100.0	100.0	58.0	100.7
2015	836	99.9	99.9	100.1	53.0	100.4
2016	806	100.3	100.0	100.2	44.9	101.0
2017	639	100.5	100.2	99.9	42.8	101.2
2018	594	100.7	100.1	100.0	50.9	101.5
2019	414	100.5	100.3	99.8	46.4	101.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	50863	94.6	89.5	102.4	95.0	91.8	93.8	90.1
1981	51445	94.9	89.6	102.4	94.9	91.7	93.9	90.0
1982	49755	94.7	90.2	102.6	94.8	91.6	94.1	90.7
1983	48422	94.9	90.6	102.3	95.0	91.8	94.2	90.9
1984	41603	95.3	91.2	103.0	95.2	92.7	94.6	91.3
1985	36495	95.6	91.6	103.6	95.2	92.9	94.6	91.5
1986	26535	95.8	91.8	103.7	95.2	93.3	94.9	91.7
1987	20328	96.1	92.2	103.7	95.5	93.4	95.2	92.1
1988	21471	96.0	92.6	103.1	95.7	93.0	95.5	92.4
1989	13582	95.6	92.8	102.4	95.8	92.6	96.1	92.8
1990	9677	95.8	93.4	103.0	96.2	93.0	96.0	93.0
1991	8504	96.4	94.2	103.3	96.2	93.8	96.0	93.3
1992	7803	96.4	94.9	102.9	96.1	94.1	95.7	93.4
1993	7082	97.3	95.3	102.5	97.1	94.5	96.4	93.8
1994	4563	97.2	95.6	102.3	97.0	94.2	96.3	94.1
1995	3222	97.1	95.9	102.0	97.2	94.1	96.9	94.7
1996	2346	96.6	96.2	101.8	97.4	94.1	97.1	95.5
1997	1630	96.5	96.3	101.8	97.2	94.5	97.2	95.8
1998	1471	96.9	96.3	102.2	97.4	94.7	96.8	95.3
1999	1430	97.0	96.3	102.4	97.2	95.4	97.9	95.9
2000	1320	97.2	95.8	102.6	97.4	95.2	97.7	95.8
2001	1286	97.2	96.8	101.9	97.5	95.0	97.9	96.3
2002	1151	97.5	97.3	101.7	97.9	95.9	98.6	96.9
2003	1144	97.3	97.2	101.7	98.4	95.9	98.4	97.0
2004	1130	97.8	97.5	101.5	98.7	96.5	98.5	97.0
2005	1141	97.9	97.7	101.9	98.8	96.5	98.6	97.2
2006	1165	98.0	97.2	101.8	99.1	97.4	98.8	97.2
2007	1131	97.8	98.4	102.4	99.0	98.2	99.9	98.5
2008	1084	97.5	98.0	101.7	98.8	97.8	100.1	98.7
2009	1098	98.2	98.7	101.4	99.2	98.5	100.5	99.1

2010	1107	98.6	99.3	101.0	99.8	99.3	100.7	99.6
2011	1118	99.1	99.1	101.0	99.7	99.3	100.4	99.3
2012	1145	99.3	99.5	100.4	100.1	99.4	100.8	99.8
2013	1156	99.1	100.7	100.7	99.7	100.6	101.4	100.7
2014	971	99.8	100.5	100.1	100.3	100.2	101.0	100.2
2015	836	100.1	100.3	99.9	100.3	100.0	100.7	100.0
2016	806	99.9	101.0	99.8	100.2	100.8	101.5	100.8
2017	639	99.8	100.6	99.6	100.4	100.7	101.6	100.5
2018	594	100.5	100.8	99.9	101.0	101.0	101.6	100.6
2019	414	100.6	101.0	99.5	101.3	100.8	101.9	101.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	50863	90.6	97.4	87.6	89.2	105.3	88.2
1981	51445	90.9	97.4	87.6	89.3	105.1	88.3
1982	49755	91.1	97.9	87.8	89.8	105.2	88.7
1983	48422	91.4	97.8	88.1	89.9	105.1	89.0
1984	41603	92.0	97.8	88.9	90.6	104.4	89.6
1985	36495	93.0	98.5	89.2	90.9	104.4	90.2
1986	26535	93.3	98.6	89.5	91.1	104.1	90.5
1987	20328	93.9	98.8	90.0	91.5	103.7	91.0
1988	21471	93.8	98.8	90.2	91.4	103.6	90.9
1989	13582	94.0	99.1	90.3	91.6	103.9	91.3
1990	9677	93.9	98.5	90.7	91.4	103.6	91.1
1991	8504	93.9	98.0	91.4	91.7	102.9	91.4
1992	7803	93.7	97.5	91.6	92.2	102.1	91.4
1993	7082	93.2	96.7	92.8	92.9	101.3	91.8
1994	4563	94.5	97.8	92.7	93.3	101.4	92.4
1995	3222	95.5	98.4	93.1	94.1	101.5	93.4
1996	2346	96.6	99.1	93.3	94.9	101.8	94.2
1997	1630	97.2	99.5	93.4	95.2	101.7	94.6
1998	1471	96.6	98.9	93.5	95.0	101.4	94.2
1999	1430	96.2	98.8	94.2	95.9	101.2	94.8
2000	1320	96.5	98.4	93.9	95.9	100.9	94.6
2001	1286	97.3	99.2	94.4	95.9	101.0	95.1
2002	1151	97.2	99.2	95.3	96.6	100.9	95.8
2003	1144	98.5	100.0	95.4	96.4	101.3	96.2
2004	1130	98.1	99.6	95.9	96.7	101.1	96.4
2005	1141	98.8	100.1	96.1	96.9	101.3	96.9
2006	1165	98.5	99.3	96.5	97.2	100.3	96.8
2007	1131	98.7	99.4	97.4	97.7	100.3	97.5
2008	1084	99.5	100.3	97.2	97.3	100.8	97.6
2009	1098	99.2	100.1	98.2	97.9	100.6	98.3
2010	1107	99.1	99.7	99.0	98.7	100.1	98.8
2011	1118	99.8	100.4	98.9	99.0	100.3	99.1
2012	1145	99.9	100.7	99.5	99.1	100.6	99.6
2013	1156	99.9	100.4	100.3	99.8	100.1	100.1
2014	971	100.5	100.7	100.4	100.3	100.3	100.6
2015	836	100.3	100.7	100.2	100.0	100.3	100.4
2016	806	100.5	100.8	100.9	100.7	100.2	101.0
2017	639	100.6	101.0	100.9	100.9	100.4	101.1
2018	594	100.2	100.8	101.4	101.2	100.2	101.4
2019	414	100.1	100.6	101.7	101.1	100.1	101.4

Tabel: 104 Maas Rijn IJssel: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	95413	102.5	102.1	101.2	101.8	100.7	99.6	87.9	101.7
1981	102095	102.8	102.1	101.3	101.8	101.0	99.6	87.7	101.8
1982	98141	102.4	102.1	101.1	101.6	100.6	99.5	87.4	101.5
1983	96660	102.2	101.8	100.8	101.4	100.3	99.5	87.6	101.3
1984	87905	101.8	101.8	100.7	101.3	100.0	99.6	87.8	101.1
1985	79265	101.4	101.6	100.4	101.0	99.6	99.5	88.6	100.8
1986	63918	101.2	101.5	100.2	100.9	99.5	99.3	88.7	100.7
1987	53413	101.4	101.3	100.2	100.8	99.6	99.4	88.9	100.6
1988	55465	102.0	100.7	100.2	100.5	99.8	99.9	88.5	100.4
1989	38780	102.1	100.8	100.3	100.7	100.0	100.1	88.3	100.5
1990	28052	101.9	100.6	100.1	100.3	99.8	100.2	88.6	100.3
1991	24644	101.2	100.8	99.8	100.1	99.4	99.6	89.3	100.1
1992	23851	100.9	101.1	100.0	100.2	99.5	99.5	90.3	100.4
1993	23267	100.8	100.8	100.0	100.2	99.6	99.5	90.5	100.3
1994	15888	100.9	100.1	99.5	99.5	99.2	99.6	90.5	99.7
1995	11530	100.7	100.2	99.5	99.6	99.1	99.2	90.4	99.7
1996	8023	100.3	100.7	99.6	99.8	98.8	98.6	92.4	99.9
1997	5923	100.0	100.5	99.3	99.5	98.6	98.4	92.8	99.6
1998	5104	99.9	100.7	99.5	99.7	98.7	98.4	93.0	99.8
1999	4652	100.1	100.4	99.6	99.7	99.0	99.1	93.6	99.8
2000	4207	100.0	100.2	99.6	99.6	99.0	99.4	93.7	99.8
2001	4050	99.8	100.0	99.3	99.3	98.6	98.9	93.7	99.4
2002	3403	99.4	99.8	98.9	98.9	98.2	98.5	94.3	99.1
2003	3475	99.3	100.2	99.1	99.2	98.2	97.9	95.3	99.3
2004	3326	99.5	100.4	99.5	99.6	98.6	98.2	95.9	99.7
2005	3165	99.3	100.5	99.5	99.7	98.6	98.4	96.6	99.8
2006	3328	99.0	100.2	99.3	99.3	98.5	98.9	96.9	99.5
2007	3521	99.1	100.3	99.5	99.5	98.5	98.8	97.5	99.7
2008	3559	99.2	100.3	99.6	99.5	98.6	98.8	97.8	99.7
2009	3159	99.4	100.5	99.9	99.9	99.0	99.1	98.0	100.1
2010	2973	99.5	100.4	99.9	99.7	98.9	98.9	98.4	100.1
2011	3020	99.1	100.2	99.5	99.4	98.5	98.5	98.8	99.7
2012	3121	98.9	100.3	99.5	99.5	98.4	97.9	99.0	99.8
2013	3278	99.6	100.0	99.9	99.5	99.1	99.1	98.6	99.9
2014	2819	99.4	100.1	100.0	99.6	99.0	98.3	99.7	100.1
2015	2510	100.1	100.1	100.5	100.0	99.7	99.0	100.0	100.5
2016	2117	99.9	100.2	100.4	100.0	99.7	99.4	100.0	100.4
2017	1695	99.8	100.4	100.5	100.1	99.7	99.6	100.4	100.5
2018	1514	99.8	100.5	100.7	100.3	99.8	99.6	100.6	100.7
2019	1370	99.8	100.4	100.7	100.2	99.9	99.6	100.6	100.6
2020	389	99.7	100.7	100.7	100.3	99.9	99.6	101.4	100.8

Tabel: 105 Maas Rijn IJssel: Gebruikskkenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	10923	98.7	87.6	94.8	101.8	101.7
1981	11071	98.6	88.0	94.4	101.4	101.5
1982	11229	98.6	89.1	94.0	101.3	101.3
1983	12645	98.9	90.0	93.8	100.9	101.2

1984	13314	98.7	91.3	93.6	100.7	100.9
1985	12777	98.7	92.0	93.4	100.5	100.8
1986	10430	98.8	92.7	93.2	100.5	100.7
1987	8763	99.2	93.8	93.0	100.4	100.7
1988	10223	99.3	94.5	93.4	100.7	101.2
1989	6949	99.5	94.3	93.4	100.4	101.0
1990	5443	99.1	94.2	93.5	100.5	101.1
1991	6879	99.6	94.6	93.5	100.5	100.9
1992	7713	99.7	94.9	93.2	100.3	100.5
1993	6921	99.9	96.1	94.0	101.0	100.8
1994	4345	99.9	95.8	93.6	100.7	100.2
1995	3071	100.2	95.5	93.3	100.3	99.6
1996	2182	100.7	95.3	93.9	100.4	100.0
1997	1524	100.5	95.5	93.5	100.2	99.7
1998	1385	100.6	95.6	93.6	100.0	99.9
1999	1323	100.4	95.7	93.3	99.5	99.4
2000	1231	100.2	96.7	93.7	100.1	99.9
2001	1211	100.2	96.2	93.4	99.5	99.3
2002	1053	100.5	97.2	94.1	100.1	99.8
2003	1047	100.3	96.6	94.0	99.7	99.6
2004	1005	100.2	96.9	94.6	100.0	100.0
2005	983	100.3	97.2	94.0	99.4	99.6
2006	986	100.4	97.6	94.0	99.3	99.5
2007	1002	100.4	98.2	94.6	99.9	100.2
2008	929	100.6	98.2	94.6	99.7	99.9
2009	955	100.4	97.8	95.1	99.9	100.1
2010	970	100.6	98.8	95.3	100.0	100.1
2011	969	100.6	99.4	95.4	100.0	100.0
2012	975	100.6	99.2	95.9	100.3	100.0
2013	980	100.3	99.0	95.9	100.5	100.3
2014	854	100.6	99.4	95.5	100.0	99.6
2015	702	100.8	99.7	95.3	99.8	99.3
2016	718	100.4	99.7	96.0	100.5	100.0
2017	590	100.7	100.1	96.5	100.8	100.2
2018	541	100.2	100.3	96.8	101.0	100.4
2019	400	100.1	100.4	97.3	101.3	100.7

Tabel: 106 Maas Rijn IJssel: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	15917	-244.3	-454.7	-210.4	101.9	101.7	87.6	89.2	97.1	0.0
1981	16451	-251.0	-452.8	-245.0	101.6	101.8	87.6	89.3	97.4	0.0
1982	19883	-254.2	-444.6	-267.6	101.4	101.5	87.8	89.8	97.3	0.0
1983	26464	-257.8	-439.4	-305.1	101.2	101.3	88.1	89.9	97.1	0.0
1984	33990	-261.3	-436.9	-390.6	100.9	101.1	88.9	90.6	97.4	0.0
1985	39066	-268.5	-435.2	-475.3	100.8	100.8	89.2	90.9	97.5	81.9
1986	36129	-272.5	-432.2	-547.8	100.7	100.7	89.5	91.1	97.5	74.3
1987	34320	-272.5	-429.0	-609.5	100.6	100.6	90.0	91.5	97.7	60.9
1988	44036	-273.3	-428.1	-648.9	101.1	100.4	90.2	91.4	97.7	51.9
1989	32014	-272.4	-426.9	-672.4	100.8	100.5	90.3	91.6	97.6	48.8
1990	23405	-264.4	-411.9	-639.4	100.9	100.3	90.7	91.4	97.3	49.3
1991	19906	-246.8	-380.1	-587.7	100.8	100.1	91.4	91.7	97.2	48.5
1992	18841	-238.1	-365.8	-559.7	100.5	100.4	91.6	92.2	97.2	50.0
1993	18751	-210.0	-341.3	-499.8	101.0	100.3	92.8	92.9	97.3	52.2
1994	12675	-213.7	-329.6	-494.7	100.4	99.7	92.7	93.3	97.3	42.8
1995	9164	-206.5	-323.4	-468.4	99.9	99.7	93.1	94.1	97.4	37.6

1996	6305	-185.6	-300.2	-401.7	100.2	99.9	93.3	94.9	97.7	25.5
1997	4584	-178.5	-276.4	-381.5	99.9	99.6	93.4	95.2	97.8	22.4
1998	3911	-171.0	-267.2	-356.1	99.9	99.8	93.5	95.0	97.9	24.6
1999	3626	-158.7	-249.7	-354.3	99.3	99.8	94.2	95.9	98.1	22.7
2000	3396	-145.2	-230.0	-308.4	99.9	99.8	93.9	95.9	98.5	23.6
2001	3276	-141.8	-212.2	-283.5	99.3	99.4	94.4	95.9	98.5	23.6
2002	2735	-119.0	-181.5	-226.6	99.9	99.1	95.3	96.6	98.5	20.4
2003	2721	-120.1	-184.2	-216.0	99.6	99.3	95.4	96.4	98.4	11.7
2004	2659	-101.9	-174.7	-167.6	100.0	99.7	95.9	96.7	98.6	12.1
2005	2590	-101.3	-167.6	-178.9	99.4	99.8	96.1	96.9	98.5	6.1
2006	2761	-84.8	-134.2	-111.2	99.3	99.5	96.5	97.2	98.8	11.1
2007	2879	-70.9	-132.5	-93.0	100.1	99.7	97.4	97.7	99.0	11.6
2008	2894	-72.0	-117.5	-125.8	99.8	99.7	97.2	97.3	99.2	2.4
2009	2687	-57.9	-105.4	-100.7	100.0	100.1	98.2	97.9	99.3	1.4
2010	2523	-44.7	-91.6	-51.2	100.0	100.1	99.0	98.7	99.3	2.3
2011	2517	-42.1	-76.3	-41.6	100.0	99.7	98.9	99.0	99.3	-0.8
2012	2603	-34.1	-63.5	-36.3	100.2	99.8	99.5	99.1	99.2	-5.8
2013	2714	-19.5	-51.0	-30.6	100.4	99.9	100.3	99.8	99.6	-3.9
2014	2344	-16.7	-41.3	-1.9	99.7	100.1	100.4	100.3	99.7	-7.3
2015	2058	-17.4	-39.7	-5.5	99.4	100.5	100.2	100.0	99.7	-6.5
2016	1749	1.8	-26.2	10.9	100.2	100.4	100.9	100.7	99.8	-7.8
2017	1417	12.8	-12.8	33.6	100.5	100.5	100.9	100.9	99.8	-10.2
2018	1325	19.5	-11.2	31.9	100.7	100.7	101.4	101.2	99.8	-10.1
2019	1101	32.5	1.9	71.6	101.1	100.6	101.7	101.1	99.8	-9.6
2020	37	31.9	-1.2	106.5	101.2	100.8	99.7	100.0	99.7	-9.7

Tabel: 107 Maas Rijn IJssel: Klauwgezondheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1984	64	97.8	97.5	100.9	100.5	97.6	96.7	96.1
1985	133	98.0	97.6	101.0	100.6	97.6	96.5	96.2
1986	96	97.9	97.6	100.8	100.6	97.7	96.6	96.2
1987	92	97.8	97.6	100.8	100.5	97.6	96.5	96.0
1988	99	97.8	97.5	100.7	100.5	97.8	96.6	96.2
1989	33	96.6	97.9	99.0	98.5	98.7	95.8	96.8
1990	171	96.6	97.8	99.8	99.3	97.5	95.7	95.0
1991	312	96.8	97.7	100.3	99.5	96.9	95.7	95.0
1992	423	96.3	96.9	99.9	99.5	96.6	96.5	94.7
1993	705	96.2	97.2	99.2	98.7	97.7	96.3	95.9
1994	670	95.6	97.3	98.3	97.9	98.0	96.3	95.9
1995	1156	95.3	97.2	98.0	97.7	97.9	96.6	95.8
1996	657	96.0	97.8	98.4	98.1	98.3	97.2	95.9
1997	735	95.9	97.9	98.3	98.1	98.2	97.1	95.8
1998	837	96.2	98.2	98.4	98.2	98.4	97.2	96.2
1999	866	96.5	98.2	98.4	98.3	98.8	97.4	96.6
2000	747	96.6	98.4	98.4	98.1	99.1	97.2	97.0
2001	742	97.0	98.6	98.7	98.4	99.1	97.4	97.2
2002	737	97.3	98.6	98.9	98.9	99.2	98.0	97.3
2003	727	97.8	99.3	98.9	99.1	99.6	98.3	97.5
2004	830	97.7	99.3	98.9	98.8	99.7	97.9	97.6
2005	817	98.2	99.6	99.2	99.2	99.7	98.4	97.8
2006	890	97.9	99.5	98.9	98.9	99.7	98.2	97.9
2007	861	98.0	99.6	98.8	99.0	99.9	98.2	98.1
2008	890	97.5	99.3	98.6	98.8	99.5	97.4	97.9
2009	925	97.5	99.5	98.3	98.6	99.7	97.7	98.2
2010	952	98.3	100.0	98.7	99.1	100.1	98.3	98.9

2011	974	98.8	100.2	99.0	99.3	100.1	98.5	99.2
2012	994	98.8	100.1	99.1	99.4	100.2	98.6	99.2
2013	1018	99.3	100.7	99.4	99.4	100.7	98.9	99.3
2014	855	99.7	100.8	99.6	99.7	100.8	99.4	99.8
2015	688	99.4	100.4	99.5	99.7	100.6	99.2	99.8
2016	600	99.5	100.5	99.5	99.7	100.6	99.4	100.2
2017	459	99.5	100.3	99.6	99.8	100.2	99.6	100.1
2018	415	99.8	100.8	99.8	100.0	100.7	99.9	100.4
2019	250	99.6	100.6	99.5	99.7	100.7	99.7	100.8

Tabel: 108 Maas Rijn IJssel: Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	13497	100.0	96.7	100.0	96.7	92.1	97.9
1981	13123	100.0	97.0	100.0	97.0	92.3	98.0
1982	15170	99.6	97.2	99.6	97.2	91.8	98.0
1983	18663	99.7	96.7	99.7	96.7	91.6	98.0
1984	21497	100.1	96.9	100.1	96.9	92.1	97.9
1985	22552	100.4	96.8	100.4	96.8	92.3	97.6
1986	19833	100.6	96.9	100.6	96.9	92.6	97.6
1987	18475	100.5	97.2	100.5	97.2	92.7	97.3
1988	22994	100.4	97.3	100.4	97.3	92.6	97.5
1989	18398	100.4	97.1	100.4	97.1	92.6	97.6
1990	16535	100.1	97.3	100.1	97.3	92.4	97.7
1991	18635	100.2	97.3	100.2	97.3	92.7	97.8
1992	18934	100.3	97.2	100.3	97.2	92.7	97.7
1993	23259	100.6	97.1	100.6	97.1	93.9	97.7
1994	20333	100.7	96.9	100.7	96.9	93.9	97.5
1995	15427	100.8	97.0	100.8	97.0	94.0	97.5
1996	11680	101.1	97.0	101.1	97.0	93.8	97.7
1997	9137	101.1	97.1	101.1	97.1	93.8	97.8
1998	7968	101.1	97.2	101.1	97.2	93.8	97.8
1999	7471	101.3	97.2	101.3	97.2	94.4	97.8
2000	6689	101.8	97.3	101.8	97.3	95.2	98.0
2001	5852	102.0	97.1	102.0	97.1	95.3	97.6
2002	5210	101.6	97.3	101.6	97.3	95.2	97.6
2003	5197	101.8	97.1	101.8	97.1	94.9	97.4
2004	4985	101.8	97.3	101.8	97.3	95.0	97.8
2005	4576	101.8	97.3	101.8	97.2	94.8	97.7
2006	4557	102.1	97.4	102.1	97.4	95.4	98.2
2007	4441	102.1	97.6	102.1	97.6	95.8	98.0
2008	4475	102.2	97.9	102.2	97.9	95.6	98.5
2009	4439	102.2	98.0	102.2	98.0	95.5	98.3
2010	4268	102.2	98.0	102.2	98.0	95.2	98.2
2011	4142	102.2	97.9	102.2	97.9	95.3	98.2
2012	4016	102.0	97.8	102.0	97.8	95.1	98.1
2013	4157	102.4	98.1	102.4	98.1	95.7	98.2
2014	3795	102.1	98.3	102.1	98.3	95.6	98.4
2015	3590	102.1	98.4	102.1	98.4	95.9	98.5
2016	3264	102.2	98.4	102.2	98.4	95.9	98.5
2017	2832	102.4	98.2	102.4	98.2	96.1	98.5
2018	2615	102.1	98.3	102.1	98.3	95.9	98.5
2019	2405	101.9	98.3	101.9	98.3	95.7	98.5
2020	2248	101.7	98.4	101.7	98.4	95.6	98.4
2021	2172	101.8	98.3	101.8	98.3	95.6	98.4
2022	248	101.7	98.6	101.7	98.6	95.5	98.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	19133	94.3	102.4	107.4	84.6	80.3	80.5
1981	18878	94.5	102.4	107.2	85.0	80.4	80.5
1982	20124	93.9	102.9	107.8	87.9	83.5	84.1
1983	34509	93.9	103.1	107.8	91.4	87.2	87.6
1984	32951	94.8	102.6	106.7	94.3	89.7	89.7
1985	27880	95.3	102.0	106.0	96.0	92.2	92.1
1986	22575	94.9	102.1	106.5	95.6	91.9	92.0
1987	19144	96.2	101.3	105.0	97.8	94.2	94.6
1988	19789	96.4	101.4	104.9	99.7	95.2	95.2
1989	12322	95.7	101.0	105.7	99.5	94.3	94.2
1990	9552	96.0	102.0	105.3	98.0	94.5	95.1
1991	10209	95.9	102.1	105.5	99.3	96.4	96.9
1992	10025	96.2	102.5	105.1	98.5	96.7	97.1
1993	8696	97.1	101.2	104.1	98.5	97.1	97.8
1994	5611	97.1	101.5	104.3	99.0	97.1	98.1
1995	5092	97.7	101.2	103.6	99.0	97.1	97.2
1996	3921	98.0	101.6	103.2	99.6	97.0	96.9
1997	2783	97.5	101.2	103.8	100.5	97.4	97.2
1998	2325	98.1	101.2	103.0	100.0	98.0	98.0
1999	2360	98.6	100.7	102.3	99.8	97.5	98.3
2000	2311	98.1	100.4	103.0	100.6	97.5	98.7
2001	2215	98.2	100.2	102.9	100.6	97.3	98.1
2002	1929	97.8	100.0	103.3	100.3	96.8	97.3
2003	2099	97.6	100.5	103.5	100.1	97.7	98.7
2004	2207	97.4	100.2	103.7	100.9	97.9	98.2
2005	2303	97.4	99.9	103.8	101.3	98.8	98.7
2006	2436	97.4	100.6	103.8	101.8	98.2	99.0
2007	3115	98.3	99.8	102.6	100.3	98.4	100.5
2008	3262	97.6	100.1	103.4	101.4	98.5	100.4
2009	3424	97.4	100.3	103.7	101.8	99.2	100.3
2010	3263	97.5	100.5	103.5	101.6	99.5	100.0
2011	3140	97.6	100.5	103.6	101.1	99.2	99.3
2012	3019	97.5	100.4	103.6	101.3	99.5	99.5
2013	3120	98.7	99.5	102.1	99.9	99.9	101.0
2014	2892	98.3	100.2	102.5	100.9	99.6	100.3
2015	2761	98.4	99.8	102.1	100.4	99.7	99.8
2016	2409	98.6	99.8	102.0	100.3	99.7	100.2
2017	2061	98.3	99.8	102.7	101.0	99.1	98.9
2018	1835	98.4	99.6	102.5	100.9	98.8	98.4
2019	1668	98.4	99.9	102.3	101.2	98.8	98.8
2020	1568	97.9	99.8	103.1	101.6	98.6	98.3
2021	1418	98.3	99.7	102.7	101.0	99.1	98.8
2022	203	98.3	99.3	102.5	101.1	98.5	98.6

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
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1980	16912	106.3	108.1	97.7	101.2	111.1	95.9	104.6	99.3	110.2	97.3	103.9
1981	17575	106.2	108.1	97.6	101.4	111.0	96.1	104.4	99.1	110.2	97.2	104.0
1982	18354	106.2	108.2	97.4	101.8	110.9	96.3	104.6	99.0	110.1	97.5	104.2
1983	21217	106.1	108.0	97.1	101.6	110.8	96.3	104.4	98.9	110.0	97.4	104.5
1984	23204	105.8	107.1	97.3	101.2	110.4	96.3	104.2	99.1	109.3	97.4	103.9
1985	23018	105.8	106.8	96.8	101.6	110.0	96.2	104.2	99.2	108.8	97.0	104.4
1986	20227	105.7	106.6	96.9	101.7	109.8	96.3	104.3	99.0	108.6	97.1	104.2
1987	18246	105.6	106.4	96.8	101.9	109.6	96.1	104.2	99.1	108.3	96.8	104.2
1988	21741	105.3	106.5	97.2	101.8	109.3	96.4	103.8	99.3	108.2	97.3	103.6
1989	16905	105.7	106.9	97.1	101.9	109.9	96.5	104.1	99.5	108.6	97.5	103.9
1990	14988	105.2	106.5	97.4	101.7	109.1	96.7	103.8	99.4	107.9	97.7	103.5
1991	15950	104.7	105.3	97.4	101.3	107.7	96.7	103.3	99.8	106.6	97.4	103.2
1992	18518	104.2	104.5	98.0	100.9	107.0	96.9	103.0	99.9	106.0	97.8	102.7
1993	19312	104.3	104.4	98.8	100.5	107.3	97.1	102.9	100.3	105.8	98.5	102.2
1994	13668	103.5	104.1	98.6	100.8	106.2	97.5	102.5	99.7	105.0	98.5	101.9
1995	10095	103.1	103.9	98.9	100.8	105.7	97.8	102.1	99.5	104.6	98.8	101.6
1996	8628	102.5	103.6	98.1	101.5	104.6	97.8	101.6	99.6	104.1	98.3	101.9
1997	7434	102.0	103.0	98.4	101.2	104.0	98.0	101.2	99.6	103.5	98.3	101.6
1998	5754	102.1	102.6	98.6	101.0	103.8	98.0	101.2	100.1	103.1	98.6	101.4
1999	6060	102.4	102.8	98.9	101.3	104.2	98.4	101.4	100.1	103.2	99.3	101.3
2000	4857	102.5	102.7	99.2	101.3	104.0	98.4	101.5	100.4	102.8	99.7	100.7
2001	4515	101.7	102.0	99.4	100.9	103.1	98.8	101.0	100.1	102.2	99.7	100.4
2002	4518	101.8	102.0	99.3	101.2	102.9	98.8	101.1	100.1	102.3	99.5	101.0
2003	4372	101.3	102.1	98.5	101.6	102.3	98.9	100.5	100.2	102.0	98.9	101.2
2004	4206	101.5	102.0	98.9	101.4	102.6	98.9	100.7	100.2	102.0	99.3	101.1
2005	3860	101.5	101.8	98.6	101.8	101.9	98.8	100.9	100.3	101.4	99.2	101.2
2006	3879	101.2	101.0	99.6	101.0	101.7	99.3	100.5	100.6	100.9	99.8	100.4
2007	3501	100.7	101.1	99.4	100.3	102.0	99.4	99.8	100.3	101.4	99.2	100.2
2008	3397	100.9	101.0	99.1	100.8	101.6	99.3	100.3	100.2	101.2	99.0	100.6
2009	3267	100.7	100.9	99.7	101.1	101.1	99.8	100.2	100.2	101.0	99.7	100.4
2010	2947	100.0	100.1	99.4	100.7	100.2	99.8	99.8	99.8	100.3	99.3	100.3
2011	2435	99.6	99.7	99.2	100.5	99.7	99.9	99.4	99.6	99.9	99.2	100.3
2012	1689	99.1	99.8	99.1	100.9	99.2	100.5	99.1	99.2	99.8	99.4	100.4
2013	1546	99.0	99.3	98.9	100.6	99.2	100.2	99.4	98.7	99.4	98.9	100.2
2014	1111	98.7	99.4	98.7	100.6	98.9	100.5	99.1	98.9	99.3	99.0	100.4
2015	842	98.8	99.3	98.8	100.6	98.9	100.5	99.0	99.0	99.2	99.0	100.3
2016	798	99.0	99.2	98.9	100.6	98.9	100.0	99.4	99.0	99.1	98.7	100.3
2017	643	99.1	99.3	99.0	100.7	99.1	100.0	99.6	98.8	99.2	98.9	100.4
2018	586	99.1	99.3	98.8	100.9	98.7	100.0	99.4	99.3	99.0	98.7	100.5
2019	410	99.0	99.0	98.8	100.7	98.6	100.0	99.4	99.3	98.8	98.8	100.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	13114	95.9	96.9	102.8
1981	12620	96.5	97.4	102.6
1982	14652	96.3	97.3	102.7
1983	18195	96.3	97.2	102.7
1984	21167	95.7	96.7	102.6
1985	22301	95.2	96.3	102.6
1986	19663	95.5	96.5	102.4
1987	18175	95.0	96.0	102.2
1988	22608	95.1	96.1	102.6
1989	18057	95.1	96.3	102.8
1990	16192	94.8	96.1	102.8
1991	17950	94.6	96.0	102.5

1992	18126	94.8	96.3	102.4
1993	24484	94.7	96.2	102.5
1994	22574	95.1	96.6	102.4
1995	17403	95.3	96.9	102.4
1996	13018	95.9	97.5	102.0
1997	10367	96.2	97.8	101.7
1998	9026	96.3	97.8	101.8
1999	8407	97.0	98.2	101.8
2000	7429	97.3	98.5	102.1
2001	6430	97.4	98.5	101.8
2002	5761	98.0	98.9	101.6
2003	5706	98.1	98.9	101.0
2004	5491	98.0	98.7	100.9
2005	4959	97.9	98.7	100.8
2006	4929	98.1	98.7	100.7
2007	4766	98.6	99.1	101.3
2008	4865	98.5	98.8	100.8
2009	4789	98.2	98.7	100.1
2010	4590	98.9	99.4	100.1
2011	4467	98.9	99.4	99.9
2012	4288	99.2	99.6	99.9
2013	4479	99.2	99.6	100.1
2014	4130	99.4	99.7	100.1
2015	3925	99.9	100.1	99.9
2016	3537	99.9	100.2	99.8
2017	3120	100.1	100.4	99.9
2018	2857	100.2	100.5	99.7
2019	2638	100.7	100.9	99.8
2020	2548	100.7	100.9	99.8
2021	2444	100.7	101.0	99.8
2022	278	100.8	101.1	99.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	3274	-2609.9	-10426.5	-440.3	-375.4
2002	2742	-2191.9	-8815.2	-366.5	-316.5
2003	2718	-2143.9	-8546.2	-363.9	-307.2
2004	2661	-1830.6	-7328.2	-309.7	-262.8
2005	2595	-1862.8	-7470.8	-316.4	-266.8
2006	2763	-1361.5	-5474.9	-233.6	-193.8
2007	2879	-1239.6	-5046.3	-208.2	-178.6
2008	2899	-1384.4	-5678.6	-233.3	-198.9
2009	2689	-1187.2	-4822.3	-202.1	-169.8
2010	2535	-837.5	-3344.7	-141.7	-120.4
2011	2523	-726.6	-3014.9	-119.6	-105.8
2012	2616	-646.0	-2746.0	-103.5	-95.3
2013	2731	-567.5	-2482.7	-95.7	-81.0
2014	2360	-348.9	-1562.7	-54.5	-51.9
2015	2089	-370.2	-1632.9	-56.8	-55.7
2016	1767	-210.4	-1122.3	-29.4	-32.5
2017	1420	-2.0	-243.4	9.1	-4.3
2018	1331	6.2	-259.9	15.3	-5.5
2019	1059	340.3	1094.0	69.3	43.9
2020	29	656.4	2230.3	128.8	86.7

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

Jaar	Aantal	Eff	Int	Gewen
1980	333	90.8	98.0	99.9
1981	428	90.7	98.3	99.5
1982	387	91.5	96.1	99.1
1983	582	92.6	93.2	98.4
1984	683	94.2	91.4	99.3
1985	773	94.7	90.9	99.8
1986	642	94.9	91.0	99.8
1987	545	95.0	91.6	100.0
1988	339	95.2	91.2	100.0
1989	91	95.2	92.5	99.7
1990	162	93.5	91.1	98.4
1991	292	93.9	90.1	98.2
1992	393	94.2	90.5	98.6
1993	502	95.2	91.1	99.3
1994	263	93.6	92.1	99.6
1995	193	93.5	92.7	99.9
1996	190	94.5	93.2	99.0
1997	143	94.9	93.2	99.2
1998	152	94.8	93.5	99.4
1999	158	96.3	93.4	100.1
2000	191	96.2	92.6	100.1
2001	192	95.5	94.2	100.0
2002	183	96.5	94.3	99.6
2003	185	96.1	94.6	99.7
2004	228	96.2	93.9	100.1
2005	252	96.7	94.4	99.7
2006	254	96.8	95.0	99.7
2007	318	97.5	94.0	100.3
2008	301	97.0	94.3	100.2
2009	373	97.2	94.8	99.9
2010	389	97.4	95.1	100.3
2011	456	97.8	95.1	100.2
2012	489	98.0	95.8	100.1
2013	509	98.4	96.6	100.5
2014	461	99.1	97.3	100.5
2015	358	99.6	98.7	100.6
2016	329	99.6	100.4	100.2
2017	296	100.0	101.8	100.1
2018	257	100.6	103.6	100.1
2019	256	101.1	103.7	100.0
2020	15	102.7	106.6	99.7

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	15917	98.8	101.5	0	0.0	0.0	0	0.0
1981	16451	98.6	101.3	0	0.0	0.0	0	0.0
1982	19883	98.5	101.6	0	0.0	0.0	0	0.0

1983	26464	98.3	101.3	0	0.0	0.0	0	0.0
1984	33990	98.7	101.3	0	0.0	0.0	0	0.0
1985	39066	98.5	101.1	52662	-4.2	81.9	0	0.0
1986	36129	98.3	100.9	43518	-4.0	74.3	0	0.0
1987	34320	98.0	100.7	37883	-3.8	60.9	0	0.0
1988	44036	97.6	100.1	45124	-3.6	51.9	0	0.0
1989	32014	97.3	99.9	32262	-3.6	48.8	0	0.0
1990	23405	97.4	100.0	23526	-3.5	49.3	0	0.0
1991	19906	97.4	99.8	20099	-3.3	48.5	0	0.0
1992	18841	97.8	100.0	19065	-3.2	50.0	0	0.0
1993	18751	98.1	100.4	18770	-3.1	52.2	0	0.0
1994	12675	98.0	100.0	12688	-2.8	42.8	0	0.0
1995	9164	98.6	100.1	9167	-2.7	37.6	0	0.0
1996	6305	98.9	100.4	6311	-2.4	25.5	0	0.0
1997	4584	98.7	99.9	4587	-2.2	22.4	0	0.0
1998	3911	98.6	100.1	3912	-2.2	24.6	0	0.0
1999	3626	98.6	99.7	3627	-2.0	22.7	0	0.0
2000	3396	98.9	99.7	3397	-1.9	23.6	0	0.0
2001	3276	99.1	99.8	3277	-1.7	23.6	1286	98.6
2002	2735	99.2	99.9	2744	-1.5	20.4	1151	98.7
2003	2721	98.9	99.7	2721	-1.4	11.7	1144	99.5
2004	2659	99.1	99.8	2660	-1.3	12.1	1130	99.3
2005	2590	98.7	99.3	2591	-1.2	6.1	1141	100.1
2006	2761	99.1	99.3	2764	-1.1	11.1	1165	99.3
2007	2879	99.1	99.5	2882	-1.1	11.6	1131	99.3
2008	2894	99.1	99.0	2896	-0.8	2.4	1084	100.3
2009	2687	99.2	98.8	2688	-0.7	1.4	1098	100.2
2010	2523	99.3	99.0	2528	-0.6	2.3	1107	99.9
2011	2517	99.5	99.2	2522	-0.5	-0.8	1118	100.5
2012	2603	99.6	99.5	2608	-0.3	-5.8	1145	100.9
2013	2714	99.4	99.6	2719	-0.3	-3.9	1156	100.5
2014	2344	99.8	99.5	2357	-0.2	-7.3	971	100.9
2015	2058	99.9	99.4	2095	-0.2	-6.5	836	100.8
2016	1749	99.6	99.3	1800	-0.1	-7.8	806	100.9
2017	1417	99.9	99.7	1476	0.1	-10.2	639	101.1
2018	1325	99.9	99.9	1376	0.1	-10.1	594	100.9
2019	1101	100.1	100.0	1199	0.2	-9.6	414	100.7
2020	37	100.1	99.9	336	-0.0	-9.7	3	101.0
2021	0	0.0	0.0	197	0.1	-11.3	0	0.0
2022	0	0.0	0.0	11	-0.0	-6.4	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	2347	99.9	0	0.0	0	0.0	2347	96.8
1981	2060	99.9	0	0.0	0	0.0	2060	96.7
1982	2387	99.9	0	0.0	0	0.0	2387	96.9
1983	3051	99.9	0	0.0	0	0.0	3051	96.9
1984	3480	99.9	0	0.0	0	0.0	3480	96.4
1985	3616	100.0	0	0.0	0	0.0	3616	96.4
1986	3001	100.0	0	0.0	0	0.0	3001	96.3
1987	2443	99.9	0	0.0	0	0.0	2443	95.9
1988	2866	99.9	0	0.0	0	0.0	2866	95.5
1989	1893	99.9	0	0.0	0	0.0	1893	95.9
1990	1475	99.9	0	0.0	0	0.0	1475	96.3
1991	1582	99.9	0	0.0	0	0.0	1582	96.5

1992	1743	99.9	0	0.0	0	0.0	1743	96.4
1993	1829	99.9	0	0.0	0	0.0	1829	95.7
1994	1221	99.9	0	0.0	0	0.0	1221	95.9
1995	966	99.9	2	103.5	2	102.5	966	96.1
1996	818	100.0	2	103.5	0	0.0	818	96.9
1997	724	100.0	0	0.0	1	103.0	724	97.0
1998	767	100.0	0	0.0	0	0.0	767	97.0
1999	773	99.9	0	0.0	0	0.0	773	96.9
2000	813	99.9	5	103.4	2	103.0	813	96.8
2001	899	99.9	3	103.7	1	103.0	899	96.6
2002	846	99.9	4	100.2	1	101.0	846	96.6
2003	978	99.9	10	101.5	4	101.8	978	96.9
2004	1092	100.0	7	101.6	2	99.5	1092	97.3
2005	1194	100.0	5	101.8	2	103.5	1194	97.6
2006	1417	100.0	10	103.3	7	101.3	1417	97.7
2007	1643	100.0	12	102.3	20	101.2	1643	97.9
2008	1842	100.0	12	102.5	5	101.2	1842	98.5
2009	2083	100.0	18	101.5	10	101.3	2083	98.6
2010	2216	100.0	18	102.4	35	101.2	2216	98.2
2011	2214	100.0	14	101.9	45	101.5	2214	98.6
2012	2317	100.0	12	102.7	28	101.3	2317	99.4
2013	2413	100.0	5	102.6	46	101.7	2413	100.0
2014	2080	100.0	5	101.8	11	102.2	2080	99.7
2015	1821	100.0	5	103.2	9	100.8	1821	100.0
2016	1544	100.0	3	101.3	3	101.3	1544	100.3
2017	1268	100.0	0	0.0	1	103.0	1268	100.3
2018	1151	100.0	1	102.0	7	102.4	1151	100.5
2019	976	100.0	0	0.0	6	102.0	976	100.6
2020	37	100.0	0	0.0	0	0.0	37	101.0

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1984	30	97.9	97.2	97.6	97.2	99.1	97.6
1985	41	97.9	97.0	97.7	97.0	99.0	97.8
1986	29	97.8	96.9	97.7	97.0	98.9	97.6
1987	27	98.0	97.3	97.9	97.3	99.1	97.7
1988	21	98.4	97.5	98.3	97.6	99.2	98.1
1990	15	97.8	96.5	97.8	96.8	98.7	97.5
1991	25	97.7	96.8	98.2	97.0	98.2	96.8
1992	15	97.8	96.7	98.2	97.1	98.6	97.4
1993	80	100.5	100.2	100.4	99.5	100.3	99.4
1994	69	98.3	97.3	98.3	97.5	99.2	98.3
1995	79	98.6	97.4	98.7	97.8	99.4	98.9
1996	84	99.3	98.4	99.4	98.3	99.8	99.3
1997	53	98.9	98.0	99.0	98.0	99.5	98.9
1998	67	99.2	98.3	99.5	98.1	100.0	99.4
1999	71	99.7	98.6	99.8	98.7	100.0	99.4
2000	75	98.9	98.2	99.0	98.0	99.8	98.9
2001	97	99.3	98.4	99.4	98.2	100.0	99.2
2002	83	99.4	98.5	99.5	98.4	99.8	98.9
2003	83	98.5	97.4	98.6	98.0	99.4	98.6
2004	113	99.0	97.8	99.0	98.3	99.8	99.1
2005	139	99.1	97.9	99.4	98.4	99.8	99.1
2006	162	100.6	99.6	100.8	99.4	100.7	100.4
2007	182	100.3	99.3	100.3	99.3	100.2	99.8

2008	210	100.6	99.5	100.5	99.5	100.4	100.3
2009	203	100.2	99.0	100.2	99.3	100.2	99.8
2010	207	99.7	98.5	99.8	99.0	100.0	99.5
2011	200	99.7	98.4	99.8	98.9	100.1	99.8
2012	181	99.4	98.2	99.5	98.6	99.9	99.5
2013	149	99.7	98.6	99.7	98.9	99.9	99.5
2014	118	99.0	97.9	99.0	98.3	99.5	98.8
2015	129	100.2	99.4	100.3	99.2	100.2	99.4
2016	90	100.4	99.4	100.4	99.3	100.2	99.7
2017	45	99.9	99.2	100.0	98.9	100.0	99.3
2018	57	100.1	99.4	100.0	99.0	99.9	99.3
2019	24	99.7	98.9	99.7	98.7	100.0	99.2

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	36	-2083.0	-83.4	-83.6	-94.8	16.3	-14.4	0.2	-546.4
1981	63	-2192.2	-87.5	-86.7	-99.7	18.5	-12.9	0.3	-569.1
1982	213	-2078.4	-85.6	-83.0	-94.6	12.6	-13.3	0.1	-548.6
1983	381	-2059.3	-84.2	-82.7	-93.7	13.5	-13.9	0.1	-544.1
1984	795	-2025.7	-81.5	-80.9	-92.2	15.4	-12.9	0.1	-530.8
1985	1958	-2138.9	-80.2	-82.8	-97.4	26.7	-9.3	0.1	-537.2
1986	3433	-2142.9	-82.5	-82.7	-97.5	23.3	-8.7	0.1	-541.5
1987	5236	-2186.9	-85.4	-83.4	-99.5	22.0	-7.3	0.1	-551.1
1988	8885	-2200.4	-83.8	-82.7	-100.2	26.0	-5.2	0.1	-545.3
1989	10835	-2144.1	-81.9	-80.6	-97.6	25.0	-4.8	0.1	-531.7
1990	15633	-2118.3	-82.2	-79.7	-96.4	22.3	-5.0	0.1	-528.2
1991	22467	-2048.1	-77.6	-74.8	-93.2	24.2	-1.2	0.1	-497.4
1992	25335	-1989.5	-77.7	-73.4	-90.5	19.5	-2.4	0.2	-491.1
1993	24830	-1929.1	-77.8	-71.1	-87.8	14.8	-2.2	0.2	-481.2
1994	32033	-1780.5	-65.1	-64.1	-81.0	23.6	0.4	0.2	-423.7
1995	35778	-1728.7	-61.6	-62.1	-78.6	25.3	0.6	0.2	-407.6
1996	33708	-1625.8	-57.8	-58.7	-73.9	23.9	0.2	0.2	-384.2
1997	32869	-1528.3	-55.0	-55.1	-69.5	21.3	0.3	0.3	-362.3
1998	31009	-1480.6	-52.4	-52.8	-67.3	21.9	1.2	0.3	-346.8
1999	27022	-1403.0	-48.5	-50.3	-63.7	22.2	0.7	0.3	-327.3
2000	20339	-1279.5	-46.4	-47.6	-58.1	16.9	-1.8	0.4	-310.2
2001	17491	-1128.7	-44.8	-42.2	-51.0	9.5	-1.7	0.7	-282.4
2002	12296	-1035.6	-41.6	-39.9	-46.8	8.0	-3.0	0.7	-264.9
2003	12063	-941.4	-33.7	-34.7	-43.6	12.8	-0.6	-0.8	-226.2
2004	11102	-832.7	-26.7	-30.1	-38.7	15.5	0.5	-1.0	-190.9
2005	8742	-766.5	-24.5	-27.0	-35.6	14.5	1.4	-1.0	-172.9
2006	8131	-699.4	-23.5	-24.6	-32.4	11.8	1.4	-0.7	-159.9
2007	7012	-647.7	-20.2	-22.0	-30.1	12.9	2.4	-0.8	-141.5
2008	6457	-583.2	-19.8	-19.8	-27.1	9.4	2.2	-0.7	-130.8
2009	5390	-581.9	-21.7	-19.9	-26.4	6.7	1.9	0.1	-135.2
2010	4612	-502.5	-19.8	-16.9	-23.2	4.6	2.2	-0.4	-117.7
2011	4252	-441.8	-17.4	-14.7	-20.1	4.1	2.1	0.0	-103.0
2012	4133	-389.9	-16.1	-13.0	-17.7	2.8	1.9	0.0	-92.7
2013	3845	-358.2	-14.9	-11.2	-16.4	2.5	2.7	-0.1	-82.2
2014	3328	-294.0	-14.3	-8.8	-13.5	-0.5	2.8	-0.2	-70.5
2015	2630	-305.5	-14.1	-7.7	-13.5	0.7	4.9	0.5	-65.2
2016	2382	-250.7	-11.5	-5.8	-10.7	0.8	4.7	0.9	-51.3
2017	1958	-176.2	-9.2	-3.3	-7.1	-0.4	4.5	1.2	-34.7
2018	1585	-82.4	-3.9	0.1	-2.7	0.9	4.5	1.3	-8.5
2019	1217	-50.5	-0.9	2.2	-1.9	2.7	5.5	0.5	6.6

2020 68 -28.4 -0.6 2.1 -1.0 1.6 4.2 0.4 7.0

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	37	90.1	97.1	90.8	90.9	105.0	97.8	97.2
1981	70	88.8	96.4	90.2	90.7	104.8	98.0	97.0
1982	252	88.8	97.5	90.9	91.1	104.8	98.2	97.7
1983	421	89.0	97.7	91.0	91.1	105.0	98.3	97.5
1984	788	88.4	97.6	90.9	91.1	104.7	98.2	96.9
1985	1590	87.9	97.1	90.4	90.4	105.1	98.1	95.5
1986	2494	87.9	97.2	90.8	90.7	105.0	97.5	95.6
1987	3550	88.1	98.1	90.9	90.4	105.5	98.0	96.6
1988	5108	87.9	98.0	90.8	90.3	105.5	98.1	96.5
1989	5621	88.3	98.2	91.0	90.6	105.3	98.1	96.5
1990	8481	88.5	98.5	91.0	90.4	105.5	98.3	97.0
1991	13304	89.1	98.4	91.3	90.6	105.1	98.3	97.5
1992	15533	89.2	98.5	91.2	90.5	105.3	98.2	97.9
1993	14013	89.5	99.1	91.4	90.7	105.3	98.4	98.3
1994	18328	89.7	101.2	93.6	91.8	106.1	98.7	99.2
1995	20456	90.0	101.3	94.7	93.0	105.4	99.4	98.9
1996	19099	90.6	101.0	95.3	93.6	105.0	99.3	99.7
1997	19035	90.9	101.0	95.6	94.1	104.6	99.5	99.0
1998	17494	91.5	101.0	96.0	94.2	104.5	99.3	98.8
1999	15218	91.6	101.0	96.0	94.5	104.1	99.1	98.8
2000	11046	92.5	100.6	95.8	94.4	104.0	99.2	98.8
2001	9250	92.7	100.7	95.7	94.5	103.9	99.4	98.3
2002	6402	93.4	101.5	96.7	95.5	104.0	99.1	98.8
2003	6344	93.9	102.1	97.6	96.4	103.8	99.9	98.2
2004	5922	94.0	102.9	98.4	97.0	103.9	100.2	98.2
2005	4568	94.0	102.4	98.1	96.7	103.3	100.2	98.4
2006	4043	94.2	102.5	98.0	96.7	103.2	100.4	98.2
2007	3344	94.5	102.6	98.3	97.1	103.1	100.5	98.0
2008	3019	94.8	102.2	98.3	97.2	102.7	100.6	98.0
2009	2458	95.7	102.1	98.4	97.2	102.9	100.7	98.3
2010	2115	96.0	101.6	98.2	97.1	102.5	100.6	99.1
2011	1910	96.3	101.5	98.4	97.3	102.3	100.4	98.8
2012	1726	96.1	101.6	98.3	97.1	102.5	100.6	99.0
2013	1563	96.3	101.5	98.4	97.2	102.2	100.3	99.5
2014	1222	96.6	101.6	98.5	97.3	102.4	100.1	99.7
2015	943	96.8	101.7	98.3	97.0	102.5	100.5	99.9
2016	873	96.8	102.4	98.7	97.3	103.1	101.1	100.0
2017	691	97.5	102.8	98.5	97.7	103.4	101.6	100.3
2018	538	98.2	102.6	98.7	98.2	103.4	101.2	100.5
2019	291	97.9	102.8	98.3	97.8	103.7	100.7	100.6

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	37	91.7	100.5	98.1	94.6	88.5

1981	70	90.8	99.6	98.5	94.3	87.9
1982	252	90.9	100.7	97.8	94.5	87.9
1983	421	91.2	101.0	97.6	94.7	88.1
1984	788	90.8	101.4	96.9	95.1	88.0
1985	1590	91.7	99.8	97.9	95.7	88.9
1986	2494	91.4	100.9	97.2	95.6	88.5
1987	3550	92.4	100.7	97.0	96.0	89.9
1988	5108	92.9	100.4	97.1	96.2	90.3
1989	5621	92.8	100.8	97.1	96.2	90.2
1990	8481	92.9	100.7	96.9	96.1	90.2
1991	13304	93.0	101.5	96.7	96.0	90.3
1992	15533	93.1	101.3	96.6	96.1	90.5
1993	14013	93.3	101.6	96.5	96.4	90.9
1994	18328	92.2	101.6	95.3	95.7	90.3
1995	20456	91.9	102.0	95.1	95.8	90.3
1996	19099	93.0	102.5	95.1	95.9	91.2
1997	19035	93.7	102.7	95.1	96.3	91.7
1998	17494	94.1	103.5	94.9	96.4	92.1
1999	15218	94.5	102.9	95.1	96.6	92.7
2000	11046	95.3	102.6	96.1	97.0	93.4
2001	9250	95.1	102.2	96.9	97.1	93.4
2002	6402	95.4	101.7	97.9	97.3	93.6
2003	6344	95.9	101.0	98.0	98.4	94.8
2004	5922	96.4	101.0	97.9	99.1	95.6
2005	4568	96.5	101.1	97.3	98.8	95.9
2006	4043	97.0	100.6	97.7	99.4	96.6
2007	3344	97.2	100.1	98.1	99.6	96.9
2008	3019	96.9	100.2	98.1	99.3	96.7
2009	2458	97.3	99.9	98.8	99.4	97.0
2010	2115	97.9	99.7	99.3	99.3	97.5
2011	1910	98.7	99.7	99.8	99.6	98.6
2012	1726	98.9	99.8	99.5	99.6	98.9
2013	1563	99.0	99.8	99.7	99.8	99.0
2014	1222	99.1	99.6	99.8	100.0	99.1
2015	943	99.3	99.4	100.1	99.7	99.3
2016	873	99.4	99.2	100.3	100.1	99.6
2017	691	99.9	99.1	100.8	100.8	100.0
2018	538	100.5	98.6	101.1	101.1	100.3
2019	291	100.9	98.7	101.2	101.6	100.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	37	91.9	88.1	100.6	94.1	87.8	90.2	88.0
1981	70	91.6	87.6	99.7	94.1	88.1	91.4	88.8
1982	252	90.6	87.4	100.4	93.0	87.3	90.4	88.1
1983	421	90.5	87.3	100.9	92.7	87.3	90.7	88.1
1984	788	90.5	87.6	101.1	92.5	88.1	91.7	89.2
1985	1590	91.4	88.4	101.0	93.0	88.5	92.5	89.7
1986	2494	91.6	88.4	101.0	92.8	88.4	92.0	89.5
1987	3550	91.0	88.8	101.5	92.3	88.0	91.6	89.4
1988	5108	90.9	89.0	102.0	92.2	88.1	91.3	89.2
1989	5621	91.0	89.1	101.8	92.1	88.3	91.1	89.0
1990	8481	90.7	89.0	102.1	92.2	88.2	91.5	89.2
1991	13304	91.5	88.9	101.5	92.7	88.4	90.9	89.1
1992	15533	91.4	89.3	101.2	92.8	88.4	91.0	89.4

1993	14013	91.4	89.8	100.7	92.8	88.3	91.2	89.4
1994	18328	91.2	91.1	100.6	91.6	87.6	92.3	90.8
1995	20456	91.8	91.4	100.1	91.4	87.8	92.5	90.9
1996	19099	91.5	91.8	100.2	91.3	88.1	92.7	91.3
1997	19035	91.6	91.9	100.1	91.5	88.9	93.0	91.1
1998	17494	91.3	92.0	100.2	91.5	89.2	93.4	91.6
1999	15218	91.8	93.0	100.0	91.9	90.4	94.3	92.7
2000	11046	92.8	93.8	100.4	93.2	91.3	95.1	93.7
2001	9250	93.2	93.3	100.1	93.3	91.6	94.4	92.9
2002	6402	93.4	93.6	99.7	93.3	91.6	94.9	93.2
2003	6344	94.0	94.6	99.4	93.8	92.2	95.0	93.5
2004	5922	94.1	95.3	99.5	93.5	92.5	95.6	94.2
2005	4568	94.1	95.5	100.0	93.7	93.1	95.8	94.6
2006	4043	94.6	95.8	99.9	94.0	93.4	95.8	94.6
2007	3344	94.7	96.2	99.6	94.3	93.8	96.2	95.1
2008	3019	94.8	96.6	99.4	94.5	94.2	96.5	95.5
2009	2458	95.3	96.7	99.3	95.5	94.4	96.8	95.9
2010	2115	95.6	97.0	99.5	96.0	95.0	97.2	96.5
2011	1910	95.9	97.5	99.5	96.2	95.5	97.8	97.2
2012	1726	96.3	97.5	100.0	96.4	96.0	98.1	97.4
2013	1563	96.6	97.6	100.0	96.6	95.9	98.1	97.7
2014	1222	97.1	97.7	100.7	97.3	96.4	98.3	97.8
2015	943	97.3	98.1	100.3	97.7	96.6	98.7	98.2
2016	873	97.6	98.1	100.3	98.0	96.6	98.6	98.0
2017	691	97.9	98.4	100.2	98.4	96.8	98.7	98.0
2018	538	99.2	99.2	99.9	99.4	98.1	99.1	98.5
2019	291	99.4	98.9	100.2	99.6	98.1	98.5	98.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	37	90.7	95.2	87.9	88.6	0.0	84.1
1981	70	89.6	94.6	88.2	87.5	0.0	83.2
1982	252	90.1	95.4	86.9	87.7	0.0	82.8
1983	421	90.1	95.5	86.8	87.9	0.0	83.0
1984	788	89.2	95.1	87.4	87.5	0.0	82.7
1985	1590	88.3	94.3	88.3	88.1	0.0	83.2
1986	2494	88.3	94.7	88.3	87.8	0.0	83.0
1987	3550	88.8	95.1	87.6	89.3	0.0	83.7
1988	5108	88.6	95.1	87.5	89.8	0.0	83.8
1989	5621	89.0	95.2	87.6	89.7	0.0	83.9
1990	8481	89.2	95.3	87.5	89.7	0.0	84.0
1991	13304	90.0	95.4	88.0	89.8	0.0	84.5
1992	15533	90.0	95.5	88.0	90.0	0.0	84.7
1993	14013	90.3	95.8	88.1	90.3	0.0	85.0
1994	18328	91.8	97.8	87.7	89.5	0.0	85.1
1995	20456	92.6	98.4	88.1	89.5	0.0	85.7
1996	19099	93.7	98.9	88.2	90.4	0.0	86.6
1997	19035	94.0	98.9	88.8	90.9	0.0	87.2
1998	17494	94.5	98.9	88.7	91.3	0.0	87.6
1999	15218	94.5	98.9	89.8	91.9	0.0	88.5
2000	11046	95.2	98.8	91.0	92.9	0.0	89.8
2001	9250	95.3	98.6	91.2	92.9	0.0	90.0
2002	6402	96.1	99.4	91.5	93.3	0.0	90.7
2003	6344	96.8	99.9	92.2	94.3	0.0	91.9
2004	5922	97.1	100.3	92.4	95.0	0.0	92.5

2005	4568	97.2	99.8	92.7	95.2	0.0	92.7
2006	4043	97.3	99.7	93.1	95.8	0.0	93.3
2007	3344	97.6	99.9	93.5	96.2	0.0	93.8
2008	3019	97.9	99.8	93.8	95.9	0.1	93.9
2009	2458	98.6	99.9	94.3	96.4	0.1	94.7
2010	2115	99.0	99.8	94.8	97.0	0.1	95.4
2011	1910	99.1	99.9	95.2	98.1	0.9	96.1
2012	1726	99.1	99.9	95.6	98.4	2.4	96.6
2013	1563	99.3	99.9	95.7	98.5	1.0	96.7
2014	1222	99.6	100.2	96.3	98.6	0.3	97.3
2015	943	99.9	100.0	96.6	98.8	0.4	97.6
2016	873	99.8	100.6	96.9	99.1	2.2	97.9
2017	691	99.9	100.9	97.2	99.5	1.7	98.4
2018	538	100.5	101.3	98.6	99.9	2.8	99.5
2019	291	100.1	101.3	98.7	100.4	4.1	99.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	49	101.6	102.4	102.1	102.5	100.3	99.6	90.8	102.3
1981	99	101.9	102.7	102.4	102.9	100.6	99.1	89.1	102.8
1982	376	101.6	102.7	102.1	102.8	100.3	98.7	89.4	102.5
1983	681	101.3	102.6	102.0	102.6	100.0	98.7	89.5	102.4
1984	1283	101.6	102.4	102.1	102.6	100.2	99.0	89.0	102.4
1985	2818	102.2	102.5	102.6	103.1	100.9	99.3	87.5	102.9
1986	4718	102.1	102.1	102.3	102.8	100.6	99.4	87.9	102.5
1987	6924	103.0	102.3	102.9	103.2	101.2	99.6	87.9	103.0
1988	10280	103.3	102.0	102.9	103.1	101.3	99.5	87.6	102.9
1989	12248	102.8	101.8	102.5	102.6	100.9	99.4	87.6	102.5
1990	17530	103.0	101.9	102.6	102.8	101.0	99.7	87.6	102.6
1991	25973	103.2	101.1	102.4	102.2	100.9	99.6	89.1	102.2
1992	29536	103.1	101.0	102.4	102.1	100.8	99.4	89.2	102.2
1993	28383	103.2	101.2	102.6	102.4	101.1	99.4	89.5	102.4
1994	37537	102.5	101.0	101.9	101.9	100.3	99.3	90.1	101.8
1995	41546	101.9	100.7	101.4	101.4	99.7	98.7	90.3	101.3
1996	39460	101.6	100.2	100.9	100.7	99.2	98.5	90.7	100.8
1997	38542	101.1	99.8	100.5	100.2	98.8	98.8	91.2	100.3
1998	36830	101.2	100.0	100.7	100.3	99.0	98.9	91.7	100.5
1999	31502	100.7	99.6	100.2	99.9	98.5	98.7	92.0	100.0
2000	22980	101.0	99.1	100.1	99.6	98.7	98.7	92.4	99.8
2001	19741	100.7	99.4	100.3	100.0	98.8	98.4	92.7	100.0
2002	14270	100.1	99.7	100.1	99.8	98.4	98.1	93.8	100.0
2003	14110	99.1	99.6	99.4	99.2	97.6	98.0	95.3	99.4
2004	12913	98.7	99.7	99.1	98.9	97.2	97.8	95.7	99.2
2005	9941	98.8	99.8	99.3	99.2	97.6	98.0	95.3	99.4
2006	9159	98.7	99.6	99.2	99.0	97.6	98.2	95.7	99.2
2007	8207	98.3	99.8	99.1	99.0	97.4	98.1	96.6	99.3
2008	7744	98.8	99.6	99.3	99.1	97.8	98.4	96.7	99.3
2009	6443	98.9	99.8	99.6	99.4	98.1	98.4	97.2	99.7
2010	5436	99.5	99.5	99.9	99.4	98.5	98.6	97.1	99.7
2011	5049	99.2	99.5	99.7	99.4	98.5	98.5	97.6	99.6
2012	4934	99.0	99.5	99.7	99.4	98.5	98.7	97.2	99.6
2013	4598	99.2	99.6	99.9	99.6	98.7	98.9	97.4	99.8
2014	3980	99.6	100.0	100.6	100.3	99.4	98.8	97.3	100.5
2015	3308	99.7	100.5	101.1	100.9	99.8	98.8	97.4	101.0
2016	2977	99.7	100.7	101.3	101.2	100.0	98.7	98.0	101.3

2017	2355	100.0	101.0	101.7	101.6	100.3	98.5	98.2	101.7
2018	1931	100.2	101.4	102.2	102.1	100.8	98.5	98.6	102.1
2019	1441	100.0	101.7	102.5	102.5	101.0	98.7	98.9	102.5
2020	408	100.2	101.9	102.9	102.9	101.5	98.9	99.0	102.9

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	28	101.0	99.7	96.1	98.9	101.8
1981	39	100.4	96.7	96.1	99.3	102.1
1982	137	101.1	96.3	95.6	98.5	101.0
1983	226	100.8	97.5	95.8	98.7	101.5
1984	391	100.3	96.4	95.6	98.7	101.5
1985	807	100.1	96.4	95.5	98.6	101.6
1986	1319	100.0	97.3	95.3	98.2	101.2
1987	1974	100.0	97.4	95.1	98.0	101.1
1988	2976	99.6	97.7	95.3	98.1	101.4
1989	3423	99.7	98.0	95.1	97.8	101.1
1990	5605	99.9	97.9	94.9	97.4	100.8
1991	11015	100.9	98.8	95.4	98.0	100.7
1992	15370	100.9	98.8	95.6	98.1	100.7
1993	13815	101.2	99.1	95.9	98.7	101.4
1994	17892	101.2	98.2	95.6	98.0	100.9
1995	19798	101.4	98.4	95.2	97.2	100.7
1996	18375	101.4	98.3	95.1	97.0	100.3
1997	18252	101.2	98.8	95.1	96.9	99.9
1998	16652	101.1	98.0	95.4	97.3	99.7
1999	14401	100.8	98.1	95.3	97.1	99.2
2000	10551	100.6	97.6	95.7	97.4	99.4
2001	8851	100.7	97.7	95.5	97.2	99.0
2002	6169	100.6	97.5	95.2	96.7	98.8
2003	6055	100.8	98.4	95.4	96.7	98.6
2004	5684	100.7	98.3	95.6	96.7	98.2
2005	4334	100.8	98.2	96.1	97.1	98.4
2006	3751	100.9	99.0	96.2	97.3	98.7
2007	3103	100.9	98.9	96.5	97.4	98.6
2008	2776	100.9	99.0	96.4	97.2	98.4
2009	2225	100.3	98.9	96.8	97.6	99.0
2010	1946	100.2	99.1	96.8	97.6	98.7
2011	1729	100.2	99.2	97.4	98.0	98.9
2012	1537	100.1	99.3	97.9	98.5	99.0
2013	1356	100.6	99.8	97.9	98.3	99.1
2014	1009	100.6	100.3	98.2	98.6	99.2
2015	759	100.8	99.7	98.6	98.9	99.5
2016	676	100.9	100.6	99.3	99.6	100.4
2017	534	100.7	99.5	99.6	99.8	100.4
2018	446	101.0	100.7	100.3	100.2	100.3
2019	245	100.8	101.5	100.4	100.3	100.3

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
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1980	36	-262.2	-546.4	-246.5	100.6	102.3	87.9	88.6	96.9	0.0
1981	63	-264.2	-569.1	-222.2	101.0	102.8	88.2	87.5	97.3	43.0
1982	213	-268.7	-548.6	-269.2	100.0	102.5	86.9	87.7	97.3	156.0
1983	381	-269.2	-544.1	-314.7	100.3	102.4	86.8	87.9	97.3	89.5
1984	795	-270.8	-530.8	-410.8	100.4	102.4	87.4	87.5	97.5	111.0
1985	1958	-228.1	-537.2	-478.7	100.4	102.9	88.3	88.1	98.5	116.0
1986	3433	-244.7	-541.5	-554.5	99.9	102.5	88.3	87.8	98.0	107.1
1987	5236	-255.8	-551.1	-628.4	99.7	103.0	87.6	89.3	97.9	90.8
1988	8885	-256.3	-545.3	-663.7	100.0	102.9	87.5	89.8	97.9	84.0
1989	10835	-255.1	-531.7	-659.8	99.6	102.5	87.6	89.7	97.8	81.1
1990	15633	-259.8	-528.2	-669.4	99.2	102.6	87.5	89.7	97.3	75.8
1991	22467	-255.1	-497.4	-653.4	99.5	102.2	88.0	89.8	97.1	71.1
1992	25335	-252.3	-491.1	-625.7	99.6	102.2	88.0	90.0	97.0	66.6
1993	24830	-241.6	-481.2	-598.3	100.3	102.4	88.1	90.3	97.5	62.4
1994	32033	-237.8	-423.7	-613.3	99.6	101.8	87.7	89.5	97.7	41.5
1995	35778	-237.8	-407.6	-596.8	99.1	101.3	88.1	89.5	97.8	37.7
1996	33708	-232.3	-384.2	-569.6	98.7	100.8	88.2	90.4	97.8	35.2
1997	32869	-227.3	-362.3	-550.4	98.4	100.3	88.8	90.9	98.0	34.7
1998	31009	-221.5	-346.8	-562.1	98.5	100.5	88.7	91.3	98.0	32.6
1999	27022	-212.2	-327.3	-534.7	98.1	100.0	89.8	91.9	98.4	32.6
2000	20339	-196.7	-310.2	-475.0	98.4	99.8	91.0	92.9	98.5	32.1
2001	17491	-182.3	-282.4	-416.5	98.0	100.0	91.2	92.9	98.6	30.1
2002	12296	-180.3	-264.9	-413.8	97.6	100.0	91.5	93.3	98.2	23.8
2003	12063	-165.3	-226.2	-370.4	97.6	99.4	92.2	94.3	97.4	16.0
2004	11102	-152.9	-190.9	-359.8	97.3	99.2	92.4	95.0	97.1	9.8
2005	8742	-135.5	-172.9	-325.8	97.6	99.4	92.7	95.2	97.6	11.5
2006	8131	-124.3	-159.9	-282.1	97.9	99.2	93.1	95.8	97.7	10.1
2007	7012	-112.4	-141.5	-252.6	97.9	99.3	93.5	96.2	97.5	9.3
2008	6457	-106.7	-130.8	-234.6	97.6	99.3	93.8	95.9	98.1	11.0
2009	5390	-100.7	-135.2	-204.7	98.2	99.7	94.3	96.4	98.0	6.7
2010	4612	-91.5	-117.7	-190.5	98.0	99.7	94.8	97.0	98.5	6.5
2011	4252	-78.6	-103.0	-164.7	98.4	99.6	95.2	98.1	98.7	5.4
2012	4133	-68.2	-92.7	-142.4	98.7	99.6	95.6	98.4	99.1	4.3
2013	3845	-60.5	-82.2	-123.7	98.7	99.8	95.7	98.5	99.4	4.0
2014	3328	-45.7	-70.5	-97.0	98.8	100.5	96.3	98.6	99.9	3.9
2015	2630	-36.1	-65.2	-92.7	99.1	101.0	96.6	98.8	100.1	0.5
2016	2382	-20.8	-51.3	-58.8	100.1	101.3	96.9	99.1	100.3	-5.5
2017	1958	-9.9	-34.7	-49.2	100.2	101.7	97.2	99.5	100.5	-10.6
2018	1585	9.4	-8.5	-23.0	100.3	102.1	98.6	99.9	101.2	-15.5
2019	1217	21.9	6.6	15.1	100.4	102.5	98.7	100.4	101.5	-16.3
2020	68	25.5	7.0	62.4	100.5	102.9	97.0	103.0	101.3	-15.8

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1983	30	94.8	96.6	99.5	98.3	93.0	95.8	95.3
1984	73	94.7	96.4	99.7	98.2	93.3	95.1	95.2
1985	133	95.5	96.8	99.5	98.7	95.0	96.0	96.4
1986	200	95.4	97.4	99.2	98.3	95.1	95.6	96.4
1987	372	94.8	95.9	99.8	99.1	93.6	95.0	95.0
1988	684	95.0	95.7	100.1	99.5	93.6	95.3	94.9
1989	738	95.2	96.0	100.2	99.5	93.9	95.5	94.8
1990	995	95.2	96.0	100.2	99.6	94.1	95.5	94.5
1991	3212	93.5	95.7	98.2	97.3	93.6	94.4	95.5
1992	4087	93.7	96.0	98.4	97.4	93.8	94.5	95.6

1993	4080	94.0	95.8	99.0	97.9	93.3	94.8	95.2
1994	6911	95.5	96.9	100.6	98.5	94.0	95.5	94.7
1995	13045	96.0	97.7	100.7	98.4	94.5	96.1	94.6
1996	9308	95.5	97.0	100.5	98.7	93.7	96.1	94.7
1997	13915	94.7	96.0	99.9	98.7	93.4	95.2	94.6
1998	15378	94.7	95.9	100.0	99.1	93.2	95.4	94.3
1999	13355	95.4	96.7	100.4	99.2	93.5	95.6	94.7
2000	9964	95.3	97.4	99.7	98.6	94.1	95.9	95.2
2001	8554	95.5	97.7	99.6	98.2	94.7	96.3	95.3
2002	5801	95.3	97.6	99.4	98.5	94.9	96.8	94.6
2003	6052	96.3	98.3	99.7	99.3	95.8	96.1	95.9
2004	5805	97.3	99.1	100.3	100.1	96.7	96.1	96.4
2005	4380	97.9	99.5	100.6	100.4	97.0	96.4	97.0
2006	3895	98.3	99.8	100.5	100.5	97.4	96.5	97.8
2007	3286	98.6	100.3	100.4	100.5	98.0	96.5	98.3
2008	2976	98.7	100.3	100.4	100.6	98.2	96.7	98.5
2009	2394	98.4	100.2	99.9	100.0	98.4	96.7	98.9
2010	2049	98.1	99.8	99.7	100.1	98.2	97.2	98.5
2011	1834	98.4	100.2	99.5	100.3	98.9	97.4	98.7
2012	1654	98.9	100.7	99.8	100.4	99.6	97.7	99.0
2013	1474	99.1	101.0	99.7	100.1	99.9	98.3	99.3
2014	1177	99.4	101.0	100.0	100.3	99.7	99.0	99.5
2015	887	99.8	100.6	100.4	100.8	100.1	99.1	99.7
2016	829	100.7	100.7	101.2	101.4	100.6	99.8	99.7
2017	640	100.9	101.0	101.4	101.4	100.8	100.5	99.7
2018	506	101.3	101.4	101.7	101.6	101.0	100.8	99.6
2019	264	101.2	101.8	101.2	101.1	101.3	100.5	100.2

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	29	94.2	100.1	94.2	100.1	92.9	98.7
1981	53	95.0	99.9	95.0	99.9	93.5	99.2
1982	176	94.8	100.2	94.8	100.2	93.3	99.3
1983	303	94.8	100.2	94.8	100.2	93.2	99.2
1984	588	95.2	100.1	95.2	100.1	93.4	99.4
1985	1395	96.4	100.4	96.4	100.4	94.5	100.3
1986	2346	96.1	100.0	96.1	100.0	94.3	99.8
1987	3578	96.0	100.0	96.0	100.0	94.3	100.0
1988	5705	96.1	100.0	96.1	100.0	94.4	99.9
1989	7337	95.9	100.1	95.9	100.1	94.3	99.7
1990	12485	95.8	99.9	95.8	99.9	94.2	99.3
1991	21756	95.8	99.9	95.8	99.9	94.6	99.1
1992	25550	95.5	99.9	95.5	99.9	94.3	99.0
1993	28916	95.9	100.4	95.9	100.4	95.0	99.4
1994	43047	95.8	100.5	95.8	100.5	95.4	99.3
1995	48486	96.1	100.4	96.1	100.4	95.5	99.3
1996	48884	96.3	100.4	96.3	100.4	95.5	99.6
1997	49796	96.7	100.3	96.7	100.3	95.7	99.6
1998	47846	96.7	100.4	96.7	100.4	95.5	99.4
1999	42259	97.2	100.4	97.2	100.4	95.9	99.6
2000	31297	97.4	100.4	97.4	100.4	95.8	100.1
2001	24293	97.6	100.4	97.6	100.4	96.1	100.4
2002	18119	97.6	99.9	97.6	99.9	95.9	100.0
2003	17122	97.7	98.8	97.7	98.8	96.0	99.2
2004	15612	97.7	98.3	97.7	98.3	96.4	98.7

2005	11605	98.2	98.5	98.2	98.5	96.9	98.9
2006	10346	98.4	98.4	98.4	98.4	97.2	98.8
2007	8752	98.6	98.0	98.6	98.0	97.3	98.7
2008	8156	99.2	98.3	99.2	98.3	97.9	98.9
2009	7083	99.2	98.3	99.2	98.3	98.1	98.8
2010	6021	99.5	98.8	99.5	98.8	98.5	99.2
2011	5334	99.7	98.8	99.7	98.8	98.9	99.2
2012	5028	100.1	99.0	100.1	99.0	99.3	99.4
2013	4597	100.6	99.0	100.6	99.0	99.8	99.5
2014	4114	101.0	99.3	101.0	99.3	100.3	99.8
2015	3550	100.8	99.5	100.8	99.5	100.4	100.1
2016	3516	100.6	100.0	100.6	100.0	100.4	100.4
2017	2959	100.5	100.1	100.5	100.1	100.6	100.5
2018	2392	100.6	100.9	100.6	100.9	100.6	101.0
2019	1769	100.6	101.0	100.6	101.0	100.7	101.0
2020	1213	100.1	101.3	100.1	101.3	100.4	101.1
2021	1166	100.0	101.3	100.0	101.3	100.4	100.9
2022	131	99.7	101.5	99.7	101.5	100.2	100.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	27	96.2	105.0	103.8	98.3	100.7	99.0
1981	38	97.8	104.1	102.1	93.2	95.2	93.6
1982	157	97.3	104.4	102.7	95.0	96.6	95.8
1983	287	96.6	104.3	103.4	97.3	99.0	98.1
1984	518	97.8	103.7	101.8	96.4	98.1	97.3
1985	1068	99.9	102.3	99.1	97.0	98.6	97.0
1986	1771	99.4	102.5	99.8	97.7	98.9	97.3
1987	2700	98.5	103.1	101.2	97.7	99.5	98.9
1988	3984	98.3	102.9	101.4	97.1	99.3	99.0
1989	4634	97.9	103.2	101.7	96.8	99.1	98.3
1990	7389	97.8	103.3	101.8	96.9	100.0	99.6
1991	11976	96.8	103.0	102.9	96.7	100.5	99.1
1992	13968	96.7	103.0	103.2	97.0	100.5	98.6
1993	12990	96.9	102.5	102.9	97.7	100.1	97.7
1994	18210	96.3	103.0	103.5	98.3	99.6	98.4
1995	20254	96.4	103.2	103.5	98.3	99.7	98.4
1996	20691	96.6	103.4	103.4	98.4	99.9	98.1
1997	20277	96.9	103.4	103.1	98.1	100.3	98.2
1998	19138	96.6	103.3	103.3	98.1	100.5	98.6
1999	18177	97.1	102.5	102.9	98.2	100.4	98.0
2000	13268	96.9	102.2	103.1	98.8	99.7	97.5
2001	11142	96.6	101.8	103.5	99.1	99.1	97.6
2002	7754	96.0	102.9	104.1	98.1	99.7	98.4
2003	7928	96.4	103.4	103.7	97.4	101.1	98.6
2004	7508	96.7	103.5	103.5	97.3	101.9	99.0
2005	6340	96.9	103.2	103.2	97.8	101.7	98.9
2006	6063	97.3	102.8	103.0	97.4	101.7	99.1
2007	6093	97.6	103.0	102.7	97.0	102.0	99.5
2008	5713	98.0	102.6	102.3	97.7	101.8	99.5
2009	5183	97.8	102.6	102.6	97.9	101.4	98.8
2010	4391	97.6	102.1	102.9	98.4	100.9	98.5
2011	3961	97.5	102.1	103.3	98.7	100.4	98.2
2012	3617	97.6	102.0	103.2	98.7	100.0	98.3
2013	3214	97.8	101.8	102.9	99.0	100.0	98.5

2014	2933	98.2	101.3	102.4	99.5	99.5	98.1
2015	2396	98.5	100.8	101.9	99.8	99.6	98.2
2016	2243	98.7	100.6	101.6	99.9	99.8	98.7
2017	1838	98.9	100.6	101.3	99.7	99.7	98.6
2018	1438	99.2	100.2	100.9	100.5	100.2	98.6
2019	936	99.5	100.0	100.5	100.8	100.1	98.8
2020	649	99.9	99.8	99.9	100.9	100.3	98.7
2021	542	100.2	99.6	99.5	100.9	100.1	98.4
2022	82	99.7	99.6	99.9	101.5	100.5	98.7

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	32	105.4	110.6	96.8	103.1	108.7	97.9	104.4	98.2	109.9	98.9	104.0
1981	56	105.5	111.8	96.4	103.2	109.2	98.1	104.3	98.1	110.8	99.0	104.2
1982	184	106.0	111.3	97.1	103.1	109.6	97.9	104.7	98.2	110.9	99.1	104.7
1983	313	106.1	111.1	96.9	103.4	109.6	97.6	105.0	97.9	110.7	98.7	105.0
1984	558	106.0	111.2	96.7	103.1	109.5	97.4	105.0	98.0	110.6	98.6	104.8
1985	1302	105.7	111.1	95.8	102.6	109.0	96.5	104.9	97.9	109.9	98.1	103.8
1986	2166	105.8	110.7	95.8	102.6	109.0	96.3	105.0	98.1	109.8	97.8	103.9
1987	3228	107.3	112.0	95.4	103.6	111.2	96.0	106.4	97.7	111.6	97.5	105.7
1988	5146	107.2	112.1	95.7	103.4	111.4	96.0	106.3	97.4	111.7	97.6	105.4
1989	6440	106.5	111.6	96.1	103.1	110.5	96.3	105.6	97.5	111.1	97.7	104.9
1990	10643	106.6	111.8	96.4	103.3	110.5	96.5	105.6	97.8	111.3	97.9	105.0
1991	18037	106.3	110.5	96.3	102.6	109.9	96.3	105.4	97.8	110.6	97.5	104.5
1992	23272	106.4	110.7	96.4	102.6	110.1	96.3	105.4	97.9	110.7	97.6	104.6
1993	24007	106.0	110.6	96.5	102.8	109.7	96.6	105.0	98.0	110.3	97.7	104.6
1994	32323	106.4	111.2	97.1	103.7	109.3	97.5	105.0	98.7	110.3	98.1	106.2
1995	36826	106.3	110.7	97.3	103.6	108.7	97.6	105.0	99.3	109.6	98.1	106.3
1996	40239	105.6	110.1	97.7	103.4	108.0	98.2	104.4	98.9	109.5	98.2	106.1
1997	43882	104.8	109.1	97.9	102.8	107.2	98.2	103.6	98.9	108.7	98.2	104.9
1998	38551	104.5	108.1	98.0	102.7	106.8	98.1	103.4	98.8	108.2	97.7	104.8
1999	37612	104.1	107.6	97.9	102.4	106.2	97.9	103.0	99.0	107.6	97.6	104.3
2000	25915	104.0	106.7	98.0	102.2	105.8	98.2	102.7	99.7	107.0	97.9	103.8
2001	20813	103.9	106.1	99.2	101.9	105.7	98.6	102.5	100.1	106.5	98.7	103.2
2002	16941	104.2	106.3	99.3	102.3	105.7	98.8	102.9	100.1	106.3	98.9	103.4
2003	15649	103.7	105.7	99.3	102.2	104.9	98.9	102.3	100.6	105.7	98.7	103.1
2004	14460	103.5	105.4	99.0	102.3	104.4	98.7	102.1	100.9	105.4	98.2	103.2
2005	10926	103.1	104.9	99.2	101.9	104.2	98.8	101.7	100.6	105.1	98.3	102.9
2006	9609	102.9	104.4	99.3	101.6	103.8	98.8	101.5	100.9	104.6	98.7	102.3
2007	7644	102.6	104.1	99.5	101.3	103.5	99.0	101.3	100.8	104.3	98.9	101.9
2008	6626	102.4	103.7	99.6	101.1	103.3	99.1	101.3	100.5	103.9	99.2	101.5
2009	5698	102.0	103.8	99.2	101.4	103.0	99.5	101.0	100.2	103.8	99.3	101.4
2010	4405	101.7	103.2	99.4	100.8	102.8	99.4	100.9	99.9	103.6	99.2	101.0
2011	3279	101.6	102.5	99.6	100.3	102.5	99.4	100.8	99.9	103.2	99.2	100.8
2012	2331	101.8	102.8	99.5	100.4	102.9	99.2	101.1	99.6	103.5	99.1	100.9
2013	1868	102.1	102.7	99.6	100.4	103.2	99.1	101.5	99.6	103.5	99.3	101.1
2014	1334	102.2	102.4	100.2	100.3	103.1	98.8	101.8	99.5	103.2	99.7	100.8
2015	955	102.2	102.1	100.2	100.3	102.9	98.9	101.8	99.6	102.9	99.8	100.7
2016	871	102.4	102.6	99.6	100.6	103.4	98.7	102.1	99.0	103.3	99.5	101.1
2017	683	102.5	103.0	99.3	101.2	103.3	98.8	102.3	98.9	103.2	99.6	101.4
2018	528	102.5	102.8	99.5	101.5	103.1	99.0	102.4	99.2	103.0	100.1	101.3
2019	283	103.0	103.1	99.9	101.4	103.8	99.0	102.7	99.2	103.4	100.3	101.6

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	28	98.4	99.8	98.6
1981	52	98.9	99.8	99.3
1982	174	98.6	99.4	99.3
1983	299	98.4	99.3	99.0
1984	572	98.7	99.4	99.5
1985	1363	98.9	99.6	99.9
1986	2301	98.6	99.4	99.9
1987	3522	98.7	99.3	99.8
1988	5603	98.6	99.3	99.7
1989	7157	98.4	99.1	99.6
1990	12206	98.1	99.0	99.5
1991	21041	97.9	98.8	99.5
1992	24777	97.5	98.6	99.5
1993	29808	97.3	98.6	99.3
1994	46493	97.8	99.1	99.4
1995	53031	98.2	99.3	99.5
1996	54283	98.0	99.4	98.8
1997	55532	98.0	99.2	98.7
1998	54064	97.8	99.1	98.9
1999	48006	98.2	99.4	99.2
2000	35813	98.1	99.3	99.3
2001	27621	98.4	99.3	99.5
2002	21003	98.6	99.4	99.4
2003	19760	99.0	99.7	99.3
2004	17940	99.4	100.0	99.3
2005	13256	99.8	100.1	99.9
2006	11648	99.9	100.2	99.9
2007	9796	100.2	100.3	99.7
2008	9314	99.8	100.0	99.8
2009	8215	99.8	99.9	99.8
2010	7049	99.4	99.5	99.4
2011	6291	99.7	99.9	99.2
2012	6081	99.9	100.0	99.3
2013	5498	100.2	100.3	98.8
2014	5018	99.7	99.8	99.0
2015	4553	99.5	99.6	99.4
2016	4480	99.7	99.9	99.3
2017	3738	100.6	100.7	99.3
2018	3055	100.7	100.8	99.6
2019	2388	100.9	100.9	99.7
2020	2181	100.8	100.8	99.7
2021	2081	100.6	100.6	99.6
2022	235	100.6	100.7	99.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17494	-3563.3	-14245.7	-607.7	-510.2
2002	12307	-3507.7	-13983.2	-597.1	-502.9
2003	12068	-3172.0	-12865.4	-534.2	-457.2

2004	11123	-3017.2	-12360.2	-504.7	-436.2
2005	8760	-2778.6	-11404.1	-465.9	-401.0
2006	8159	-2499.4	-10253.9	-420.2	-360.2
2007	7043	-2276.2	-9442.9	-380.4	-328.8
2008	6498	-2140.2	-8830.9	-361.4	-307.5
2009	5452	-1987.4	-8139.6	-338.3	-284.3
2010	4678	-1840.6	-7512.0	-316.6	-261.7
2011	4305	-1640.9	-6698.7	-282.4	-233.2
2012	4164	-1476.3	-6016.2	-255.5	-209.1
2013	3905	-1322.0	-5425.7	-230.7	-186.1
2014	3376	-1118.0	-4550.3	-200.4	-154.9
2015	2662	-1062.5	-4418.9	-192.9	-145.6
2016	2453	-802.3	-3380.1	-147.4	-108.9
2017	2012	-676.7	-2828.5	-127.6	-90.3
2018	1631	-399.9	-1762.8	-76.5	-52.5
2019	1240	-107.6	-719.5	-24.1	-11.5
2020	67	199.0	561.0	29.0	31.8

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

Jaar	Aantal	Eff	Int	Gewen
1981	10	95.9	89.5	103.4
1982	30	96.3	90.1	103.3
1983	53	96.6	89.6	103.2
1984	85	95.6	90.2	102.6
1985	171	95.6	92.0	102.2
1986	270	95.5	91.6	102.3
1987	376	96.0	90.2	102.3
1988	536	95.7	89.7	102.4
1989	568	95.9	89.1	102.6
1990	770	95.9	88.2	102.4
1991	1581	96.1	88.1	102.8
1992	1940	96.1	87.4	102.8
1993	1823	96.1	87.1	102.9
1994	2616	96.5	82.9	103.5
1995	3117	96.6	82.9	103.3
1996	2909	96.8	83.2	103.4
1997	3380	96.6	84.4	103.3
1998	3126	96.7	84.5	103.0
1999	2961	96.4	84.9	103.0
2000	2348	96.4	85.5	102.6
2001	2246	96.5	86.1	102.2
2002	1674	96.6	86.9	102.1
2003	1835	97.2	88.2	102.1
2004	1798	97.5	88.8	102.2
2005	1438	97.9	88.8	102.4
2006	1464	98.1	89.6	102.0
2007	1310	98.2	90.3	101.9
2008	1184	98.2	90.5	101.7
2009	1249	97.6	91.1	101.8
2010	1292	97.9	91.7	101.5
2011	1238	98.5	93.1	101.0
2012	1179	98.5	94.2	100.8
2013	1113	99.2	95.1	100.5
2014	915	99.7	96.8	100.4
2015	750	99.9	98.2	100.2

2016	663	100.0	99.7	100.4
2017	529	100.3	101.3	100.1
2018	448	100.6	102.0	99.8
2019	317	99.9	101.8	99.9
2020	31	100.2	104.4	100.9

Tabel: 132 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	36	96.6	98.0	0	0.0	0.0	0	0.0
1981	63	95.6	97.7	1	-3.0	43.0	0	0.0
1982	213	96.3	97.7	1	-6.0	156.0	0	0.0
1983	381	96.2	97.8	2	-5.0	89.5	0	0.0
1984	795	95.9	97.6	4	-4.5	111.0	0	0.0
1985	1958	95.7	97.6	2280	-5.3	116.0	0	0.0
1986	3433	95.4	97.4	3830	-5.2	107.1	0	0.0
1987	5236	95.0	97.4	5612	-5.0	90.8	0	0.0
1988	8885	95.5	97.5	9054	-4.9	84.0	0	0.0
1989	10835	95.8	97.6	10888	-4.7	81.1	0	0.0
1990	15633	95.8	97.3	15711	-4.6	75.8	0	0.0
1991	22467	95.7	97.3	22738	-4.4	71.1	0	0.0
1992	25335	95.9	97.4	25720	-4.3	66.6	0	0.0
1993	24830	95.8	97.4	24857	-4.2	62.4	0	0.0
1994	32033	95.7	97.7	32047	-3.4	41.5	0	0.0
1995	35778	95.6	97.5	35792	-3.2	37.7	0	0.0
1996	33708	95.9	97.4	33723	-3.0	35.2	0	0.0
1997	32869	96.2	97.2	32889	-2.9	34.7	0	0.0
1998	31009	96.1	97.3	31021	-2.8	32.6	0	0.0
1999	27022	96.2	97.2	27032	-2.6	32.6	0	0.0
2000	20339	96.6	97.5	20353	-2.5	32.1	0	0.0
2001	17491	97.3	97.7	17498	-2.3	30.1	9250	98.3
2002	12296	97.2	97.4	12300	-2.1	23.8	6402	99.2
2003	12063	97.6	98.0	12077	-1.7	16.0	6344	99.7
2004	11102	97.7	98.3	11121	-1.4	9.8	5922	100.4
2005	8742	98.1	98.4	8754	-1.3	11.5	4568	99.8
2006	8131	98.7	98.9	8150	-1.2	10.1	4043	99.9
2007	7012	99.0	99.2	7031	-1.1	9.3	3344	99.9
2008	6457	99.0	99.0	6477	-1.0	11.0	3019	99.7
2009	5390	98.8	99.2	5421	-1.0	6.7	2458	100.1
2010	4612	98.8	98.8	4635	-0.9	6.5	2115	99.9
2011	4252	99.2	98.9	4281	-0.8	5.4	1910	99.9
2012	4133	99.4	99.0	4145	-0.7	4.3	1726	100.0
2013	3845	99.4	98.9	3872	-0.6	4.0	1563	100.0
2014	3328	99.7	98.6	3347	-0.6	3.9	1222	100.3
2015	2630	99.7	98.8	2655	-0.5	0.5	943	100.5
2016	2382	100.2	98.9	2427	-0.3	-5.5	873	101.2
2017	1958	100.6	98.8	2009	-0.1	-10.6	691	101.8
2018	1585	101.2	99.2	1630	0.2	-15.5	538	102.1
2019	1217	101.3	99.1	1264	0.3	-16.3	290	102.2
2020	68	100.6	98.4	131	0.4	-15.8	3	103.7
2021	0	0.0	0.0	43	0.6	-13.8	0	0.0

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

Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	15	100.0	0	0.0	0	0.0	15	97.5
1981	18	99.8	1	98.0	1	98.0	18	97.3
1982	76	100.0	0	0.0	0	0.0	76	96.8
1983	110	100.0	0	0.0	0	0.0	110	97.1
1984	178	99.9	1	100.0	1	95.0	178	96.5
1985	349	100.0	0	0.0	0	0.0	349	96.2
1986	557	99.9	2	98.0	2	96.5	557	96.2
1987	768	99.9	0	0.0	0	0.0	768	96.6
1988	1126	100.0	0	0.0	0	0.0	1126	97.0
1989	1270	100.0	1	97.0	1	96.0	1270	96.8
1990	1988	99.9	12	98.4	11	97.9	1988	96.7
1991	3405	99.3	52	96.9	43	99.1	3405	95.8
1992	4012	99.3	43	96.6	34	99.3	4012	95.7
1993	3845	99.4	58	96.6	54	99.2	3845	95.8
1994	5472	99.3	148	100.3	146	96.9	5472	95.7
1995	6420	100.1	241	101.7	237	97.5	6420	96.1
1996	6357	99.9	189	101.3	192	97.6	6357	96.0
1997	7082	99.1	245	99.2	242	98.2	7082	95.3
1998	7047	99.0	174	98.7	171	99.0	7047	94.9
1999	6815	99.4	201	99.8	201	99.4	6815	95.3
2000	5615	100.0	174	100.9	174	100.0	5615	96.3
2001	5601	100.3	165	101.5	163	100.1	5601	96.7
2002	4411	100.5	164	101.8	158	99.9	4411	96.7
2003	4851	99.8	185	100.4	181	100.2	4851	96.9
2004	5017	99.2	194	99.3	189	100.3	5017	96.4
2005	4351	99.0	178	99.3	179	99.9	4350	96.6
2006	4429	98.9	154	99.0	155	100.2	4429	96.8
2007	4272	98.9	149	98.7	155	100.6	4272	97.0
2008	4430	99.3	132	99.5	135	100.6	4430	97.2
2009	4238	99.8	110	99.7	112	100.7	4238	98.1
2010	4161	99.8	88	99.8	89	100.7	4161	98.1
2011	3868	99.7	96	100.4	97	100.8	3868	98.3
2012	3700	99.4	69	100.2	75	100.7	3700	98.4
2013	3455	99.3	69	99.7	74	100.8	3455	98.6
2014	2982	99.5	44	99.7	48	100.8	2982	99.3
2015	2387	99.7	29	99.6	38	100.0	2387	100.1
2016	2195	99.9	23	100.1	27	100.1	2195	100.9
2017	1748	100.1	10	100.5	17	99.9	1748	101.3
2018	1418	100.2	2	98.0	16	100.6	1418	101.9
2019	1091	100.2	0	0.0	7	100.9	1091	101.8
2020	59	100.2	0	0.0	0	0.0	59	102.3

Tabel: 134 MRIJ - Holstein Friesian roodbont: Reproductiestoornissen

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1983	19	100.4	99.5	102.8	99.7	99.1	100.1
1984	19	99.8	98.7	102.3	98.4	98.7	100.1
1985	13	100.1	99.1	102.2	98.7	99.5	100.3
1986	21	99.4	98.4	101.3	98.9	98.8	99.3
1987	28	99.9	98.8	102.1	99.0	99.4	99.9
1988	76	100.7	99.8	102.7	99.5	100.2	101.0
1989	74	101.0	100.2	102.7	99.7	100.3	101.0

1990	90	100.9	100.2	102.4	99.6	100.2	100.9
1991	319	100.9	100.6	102.2	100.0	99.9	99.9
1992	298	101.0	100.6	102.2	100.0	100.0	99.9
1993	310	101.0	100.7	102.3	100.0	99.9	99.9
1994	667	101.2	101.0	103.1	99.8	99.9	100.9
1995	865	100.3	100.0	102.3	99.0	99.6	99.9
1996	875	99.5	99.0	101.5	98.4	99.3	99.2
1997	1038	99.3	98.8	100.9	98.4	99.2	99.0
1998	937	99.3	98.7	101.0	98.6	98.9	98.9
1999	875	99.2	98.6	101.0	98.5	98.9	98.8
2000	745	99.4	98.9	101.0	98.6	98.6	98.9
2001	744	99.9	99.7	101.6	98.7	99.3	99.6
2002	588	99.5	99.2	101.2	98.6	99.3	99.2
2003	675	99.5	99.7	100.4	98.2	99.3	99.5
2004	649	99.6	100.2	100.3	98.2	99.5	99.6
2005	559	99.8	100.3	100.2	98.6	99.8	99.7
2006	590	100.7	101.5	100.8	99.3	100.3	100.5
2007	561	100.7	101.5	100.8	99.1	100.5	100.6
2008	544	100.8	101.6	101.1	99.2	100.4	100.8
2009	437	101.0	101.6	101.2	99.5	100.3	100.9
2010	404	100.9	101.3	101.2	99.6	100.4	100.8
2011	449	100.5	100.8	100.8	99.4	99.9	100.2
2012	380	100.2	100.4	100.5	99.3	99.6	99.9
2013	306	100.3	100.5	100.3	99.5	99.6	100.0
2014	227	100.1	99.9	100.5	99.5	99.7	99.6
2015	189	100.0	99.5	100.6	99.4	99.7	99.7
2016	124	100.1	99.5	100.5	99.5	99.9	99.7
2017	93	100.2	99.7	100.7	99.6	99.7	99.9
2018	68	100.1	99.5	100.9	99.2	100.4	99.9
2019	21	100.5	99.6	101.2	99.7	100.5	100.1

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	636	-1101.7	-49.2	-55.8	-57.0	0.1	-28.3	-11.8	-349.2
1981	828	-1103.4	-45.5	-55.9	-57.1	7.1	-28.4	-11.8	-341.7
1982	4076	-1097.4	-47.7	-55.6	-56.8	2.4	-28.3	-11.8	-345.4
1983	7394	-1080.8	-45.9	-54.1	-56.0	4.5	-26.3	-11.8	-335.1
1984	7742	-1084.9	-45.1	-53.6	-56.2	6.7	-25.0	-11.8	-331.5
1985	11157	-1188.5	-43.6	-55.1	-61.0	18.7	-20.9	-12.0	-335.6
1986	22219	-1148.8	-43.7	-53.2	-59.1	15.2	-19.9	-11.9	-327.8
1987	32094	-1176.5	-46.2	-53.6	-60.4	12.8	-18.6	-12.0	-334.8
1988	34065	-1213.1	-46.7	-53.9	-62.1	15.2	-16.8	-12.1	-338.0
1989	50362	-1098.6	-44.7	-49.0	-56.9	9.0	-15.2	-11.9	-311.7
1990	50980	-1052.4	-43.5	-47.6	-54.7	7.1	-15.6	-11.8	-302.8
1991	41799	-1006.6	-40.4	-45.6	-52.7	9.1	-15.0	-11.7	-287.6
1992	36167	-967.3	-38.2	-44.0	-50.9	9.7	-14.7	-11.7	-276.2
1993	38945	-854.0	-34.5	-39.7	-45.7	7.3	-14.0	-11.5	-248.7
1994	33532	-718.0	-27.4	-34.7	-39.6	8.8	-13.8	-11.5	-211.5
1995	30688	-602.3	-21.9	-31.2	-34.3	9.4	-14.7	-11.3	-184.1
1996	23481	-513.7	-19.2	-28.3	-30.2	7.1	-15.2	-11.2	-165.8
1997	16362	-424.9	-14.3	-24.0	-26.2	8.8	-13.2	-11.1	-136.3
1998	10201	-423.9	-13.7	-23.5	-26.1	9.6	-12.4	-11.1	-132.9
1999	6946	-378.2	-10.4	-21.5	-24.1	11.5	-11.9	-11.0	-117.4
2000	4916	-325.7	-11.3	-20.4	-21.3	6.3	-13.0	-10.3	-113.6
2001	4279	-217.7	-9.9	-17.0	-13.4	1.0	-13.6	-5.3	-94.4

2002	2994	-164.4	-6.0	-14.1	-10.6	3.5	-12.1	-4.6	-73.6
2003	2733	-109.7	-3.8	-11.5	-9.0	2.6	-11.1	-6.1	-58.1
2004	2474	-59.2	-0.3	-9.1	-6.5	4.7	-10.1	-5.7	-39.9
2005	2094	-40.4	-1.3	-8.2	-5.8	1.7	-9.9	-6.1	-38.3
2006	2299	112.2	3.8	-2.2	1.0	-0.8	-9.0	-6.3	-0.8
2007	2311	100.4	5.2	-2.2	0.3	2.0	-8.4	-6.5	1.9
2008	2406	163.9	8.2	0.3	2.9	2.3	-8.0	-6.9	19.5
2009	1905	182.7	8.7	1.6	3.3	1.6	-7.2	-7.8	25.8
2010	1798	251.8	10.0	3.5	6.2	-0.8	-8.0	-8.1	37.3
2011	1731	329.6	14.0	6.7	9.6	0.2	-7.4	-8.2	59.8
2012	1816	383.7	17.1	8.8	12.1	1.2	-7.1	-8.2	75.5
2013	2056	395.2	17.0	10.8	13.6	0.2	-4.8	-6.7	84.4
2014	1825	468.0	19.3	13.0	16.1	-1.1	-5.5	-7.8	98.7
2015	2065	459.0	20.2	12.0	14.4	0.9	-6.4	-9.8	96.0
2016	1431	479.1	21.0	14.0	16.3	0.7	-4.6	-8.3	106.5
2017	1145	519.1	22.8	15.4	18.2	0.7	-4.7	-8.2	116.6
2018	974	560.5	24.9	16.5	20.5	1.0	-5.4	-7.6	126.2
2019	829	583.7	26.5	18.3	21.1	1.7	-3.9	-8.2	137.0
2020	36	648.1	29.9	20.7	23.8	2.1	-4.1	-8.6	155.0

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	736	95.7	90.6	96.6	99.5	98.0	93.7	96.6
1981	1184	94.8	90.6	95.7	98.3	98.5	94.2	96.2
1982	4728	95.9	91.6	96.7	99.1	99.0	94.3	96.7
1983	8346	95.6	92.1	96.9	98.8	99.1	94.0	96.6
1984	7332	95.2	92.5	96.6	98.4	99.6	94.6	96.8
1985	9016	94.5	92.0	96.0	97.8	99.5	94.3	95.2
1986	16104	94.7	92.0	96.4	98.4	99.1	93.5	95.3
1987	21779	95.3	93.0	96.9	98.4	99.4	93.8	96.6
1988	19366	95.3	93.3	96.9	98.2	99.8	94.4	96.8
1989	27469	95.7	94.9	97.2	98.2	100.0	95.4	97.5
1990	27549	95.8	94.8	97.0	98.1	99.9	95.3	97.6
1991	22745	96.6	94.1	97.7	98.8	99.2	94.7	97.6
1992	19756	96.9	94.0	98.0	99.2	99.2	94.4	97.7
1993	20685	97.4	94.4	98.4	99.9	98.7	94.6	98.3
1994	16999	97.7	95.0	99.6	100.8	98.5	94.1	98.7
1995	15465	98.1	94.9	100.8	102.2	97.6	94.7	97.9
1996	11416	99.0	94.5	101.4	102.7	97.4	94.8	98.2
1997	7356	98.9	94.6	101.7	103.2	97.0	95.0	97.7
1998	3905	99.3	94.6	102.1	103.2	97.2	94.6	97.7
1999	2708	99.4	94.8	102.0	103.3	96.8	94.7	97.9
2000	1704	99.9	94.8	101.5	102.9	96.9	94.5	98.0
2001	1489	100.1	95.4	101.6	103.0	97.0	95.0	97.8
2002	1008	100.1	95.6	101.9	103.2	97.3	94.9	97.8
2003	955	101.0	96.3	102.6	103.9	97.3	95.6	98.0
2004	908	101.4	96.4	102.9	104.3	96.9	95.6	98.1
2005	721	101.8	96.9	103.2	104.2	97.3	95.4	97.9
2006	764	101.8	96.3	103.1	104.6	96.3	96.0	97.8
2007	788	101.7	96.4	102.2	103.8	96.7	96.5	98.6
2008	894	102.0	96.9	102.7	104.1	96.9	96.2	98.9
2009	760	102.4	97.1	103.1	104.3	96.8	96.3	98.3
2010	741	102.6	96.9	103.1	104.4	96.8	96.2	98.6
2011	710	102.5	97.2	103.3	104.9	96.8	96.4	98.8

2012	652	102.7	97.4	103.4	104.7	97.0	95.9	98.8
2013	711	102.7	97.2	103.5	105.6	96.2	96.2	98.5
2014	691	103.2	97.0	103.0	105.1	96.3	96.4	99.3
2015	834	103.9	96.6	102.9	105.7	96.1	96.7	99.1
2016	541	103.6	96.9	103.5	105.8	96.3	96.5	98.9
2017	392	103.4	97.1	103.5	105.7	96.3	96.4	99.2
2018	320	103.9	97.6	103.8	105.8	97.0	96.4	99.0
2019	194	103.3	98.4	104.0	105.7	97.4	96.5	99.3

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	736	90.6	101.0	97.5	89.0	89.5
1981	1184	91.0	100.3	97.5	89.0	90.2
1982	4728	91.5	100.7	96.9	89.7	90.8
1983	8346	91.7	101.1	97.0	89.9	90.6
1984	7332	91.6	101.2	96.6	90.4	91.0
1985	9016	92.2	99.6	97.5	91.1	91.6
1986	16104	92.5	101.2	96.5	91.5	91.7
1987	21779	94.0	101.3	95.9	92.0	93.8
1988	19366	94.2	100.5	96.4	92.2	94.0
1989	27469	93.5	99.9	97.0	92.2	93.4
1990	27549	93.5	99.6	97.3	92.2	93.2
1991	22745	93.8	100.6	96.6	92.0	93.5
1992	19756	94.1	100.9	96.6	92.3	93.8
1993	20685	94.3	101.8	96.5	93.0	93.9
1994	16999	94.1	102.3	95.7	92.5	93.9
1995	15465	93.9	102.3	95.3	92.1	94.1
1996	11416	95.0	101.6	95.9	92.3	95.2
1997	7356	94.8	102.1	95.8	92.3	94.8
1998	3905	95.0	103.1	95.4	92.2	94.8
1999	2708	95.4	102.9	95.6	92.4	95.5
2000	1704	96.5	102.4	96.4	93.0	96.6
2001	1489	96.4	102.1	96.9	93.3	96.5
2002	1008	97.1	102.2	97.3	93.9	97.2
2003	955	97.0	101.7	97.7	94.5	97.4
2004	908	97.4	101.8	97.7	94.9	97.9
2005	721	97.6	101.5	98.2	94.6	98.2
2006	764	97.8	101.9	97.8	94.9	98.5
2007	788	98.1	100.9	98.4	95.2	99.1
2008	894	97.9	100.8	98.3	94.8	98.8
2009	760	98.1	100.8	98.6	95.0	99.1
2010	741	98.6	100.6	98.9	95.4	99.7
2011	710	99.2	100.7	98.9	95.3	100.5
2012	652	99.4	100.5	99.1	95.0	100.8
2013	711	99.2	100.7	99.4	94.7	100.8
2014	691	99.7	100.1	99.5	95.7	101.3
2015	834	99.7	100.0	99.9	92.5	100.8
2016	541	100.2	100.3	99.9	90.8	101.5
2017	392	100.3	100.2	99.6	87.5	102.0
2018	320	100.9	100.2	99.6	90.3	102.4
2019	194	101.3	100.5	99.6	92.2	103.0

Tabel: 138 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier

Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	736	98.4	93.7	99.4	99.4	97.7	96.4	93.1
1981	1184	98.6	93.6	99.3	99.4	97.4	97.5	93.8
1982	4728	98.8	94.1	99.0	99.5	98.3	97.4	94.1
1983	8346	98.4	94.0	99.3	99.3	98.0	97.5	94.0
1984	7332	98.3	94.0	100.1	99.0	97.9	98.0	94.5
1985	9016	99.1	95.0	100.2	99.5	98.5	99.2	95.3
1986	16104	99.6	95.2	100.5	99.4	98.9	98.8	95.3
1987	21779	99.0	95.8	101.8	99.0	98.6	98.2	95.2
1988	19366	98.8	96.0	102.1	98.8	98.3	98.2	95.1
1989	27469	98.3	95.5	99.4	97.9	97.4	96.7	93.7
1990	27549	98.3	95.9	99.4	98.3	97.7	97.2	94.2
1991	22745	99.2	96.1	99.6	99.1	98.4	97.3	94.6
1992	19756	99.5	96.9	99.9	99.4	98.8	97.7	95.3
1993	20685	99.9	97.7	99.4	99.6	98.5	98.5	95.9
1994	16999	100.1	98.2	99.5	99.4	98.4	99.3	96.7
1995	15465	100.5	99.0	99.0	99.0	99.2	99.6	97.3
1996	11416	100.4	99.8	99.1	99.0	99.7	100.3	98.2
1997	7356	99.9	99.5	99.2	98.7	100.0	100.0	97.7
1998	3905	99.7	99.4	99.4	98.9	100.0	100.4	97.8
1999	2708	100.3	100.0	99.2	99.5	101.0	101.2	98.7
2000	1704	100.7	100.0	100.3	100.2	101.5	101.6	99.3
2001	1489	100.8	100.1	100.2	100.2	101.6	101.0	98.8
2002	1008	100.8	100.6	99.2	100.3	101.5	101.7	99.5
2003	955	100.9	100.8	99.4	100.9	101.9	101.7	99.5
2004	908	101.3	101.5	99.1	101.1	102.5	102.2	100.3
2005	721	101.3	101.6	99.9	101.0	102.5	102.2	100.4
2006	764	101.3	100.9	99.9	101.1	103.2	102.0	99.9
2007	788	101.3	101.9	100.4	101.5	103.9	103.0	101.1
2008	894	101.0	101.8	100.0	101.3	103.7	103.6	101.6
2009	760	101.6	102.5	99.4	101.7	103.9	103.5	101.7
2010	741	102.0	102.9	99.3	102.3	104.4	103.6	102.0
2011	710	102.2	102.6	99.7	101.9	104.3	103.3	101.8
2012	652	102.3	102.8	99.3	102.1	104.4	103.8	102.5
2013	711	102.0	104.3	99.6	101.9	105.7	104.5	103.5
2014	691	103.2	104.1	99.0	103.1	105.6	104.2	103.3
2015	834	104.0	103.7	98.2	103.6	105.0	103.9	103.5
2016	541	103.8	104.2	98.5	103.6	105.7	104.5	103.8
2017	392	103.6	104.5	98.7	103.6	106.1	104.8	103.8
2018	320	104.2	104.4	98.7	104.1	106.3	104.8	103.6
2019	194	104.1	104.5	98.4	104.2	105.3	104.5	103.8

Tabel: 139 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk

Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	736	89.5	91.3	94.6	88.0	93.7	87.0
1981	1184	88.8	91.0	94.9	88.5	94.4	87.3
1982	4728	90.2	92.2	95.5	89.0	94.6	88.3
1983	8346	90.2	92.6	95.2	89.0	95.1	88.4
1984	7332	90.5	93.0	95.3	89.1	95.7	88.7
1985	9016	88.9	91.8	96.7	89.6	95.2	89.0
1986	16104	88.9	91.7	96.8	89.8	94.6	88.9

1987	21779	90.4	93.2	96.3	92.0	95.8	90.6
1988	19366	90.9	93.8	96.1	92.4	96.5	91.0
1989	27469	92.5	95.2	94.6	91.6	97.7	90.8
1990	27549	92.4	95.0	95.2	91.5	97.6	91.0
1991	22745	92.4	94.3	96.1	91.8	96.4	91.1
1992	19756	92.5	94.4	96.9	92.1	96.1	91.6
1993	20685	93.3	94.6	97.5	92.3	95.5	92.0
1994	16999	94.1	95.5	98.0	92.2	95.7	92.6
1995	15465	94.5	95.2	98.6	92.3	95.2	92.8
1996	11416	95.0	95.4	99.3	93.5	95.2	93.8
1997	7356	94.9	95.2	98.9	93.1	94.9	93.4
1998	3905	94.9	95.2	99.0	93.2	94.7	93.4
1999	2708	95.2	95.2	100.3	93.9	94.7	94.3
2000	1704	95.1	95.2	101.0	95.3	95.0	95.4
2001	1489	95.6	95.4	100.9	95.3	95.1	95.4
2002	1008	95.7	95.9	101.3	96.1	95.4	96.2
2003	955	96.8	96.7	101.7	96.4	95.9	97.0
2004	908	97.0	96.6	102.5	96.7	95.6	97.5
2005	721	97.3	97.0	102.6	97.3	96.0	98.0
2006	764	97.2	96.2	102.6	97.5	95.4	97.8
2007	788	97.6	96.5	103.6	98.1	95.6	98.7
2008	894	98.1	97.1	103.6	97.8	95.9	98.9
2009	760	98.1	97.1	104.2	98.1	96.1	99.3
2010	741	98.2	97.1	104.8	98.8	96.0	99.9
2011	710	98.5	97.4	104.5	99.6	96.1	100.2
2012	652	98.5	97.6	104.8	100.0	96.2	100.6
2013	711	98.5	97.2	105.9	100.0	95.4	100.8
2014	691	98.9	97.3	106.4	100.6	95.8	101.5
2015	834	99.0	97.1	106.4	100.3	95.5	101.3
2016	541	98.9	97.3	106.9	100.9	95.7	101.9
2017	392	98.9	97.5	107.2	101.3	95.8	102.3
2018	320	99.3	98.1	107.7	101.9	96.4	103.0
2019	194	99.7	98.9	107.2	102.5	97.0	103.4

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1566	99.9	100.6	99.1	99.1	99.2	100.2	95.4	99.5
1981	2676	100.4	100.9	99.6	99.6	99.7	100.5	94.4	100.0
1982	9123	100.2	100.6	99.4	99.3	99.4	100.8	94.6	99.7
1983	15754	100.0	100.4	99.2	99.1	99.1	100.3	94.7	99.5
1984	14679	100.3	100.3	99.4	99.2	99.4	100.9	94.2	99.6
1985	17825	100.5	100.3	99.6	99.5	99.7	100.7	92.9	99.8
1986	31683	100.5	100.2	99.5	99.4	99.5	100.5	93.2	99.7
1987	42192	101.8	99.9	100.0	99.5	100.3	101.2	93.5	100.0
1988	39882	101.8	99.8	99.9	99.4	100.3	101.1	92.9	99.8
1989	57322	100.1	99.2	98.4	98.0	98.2	99.7	92.8	98.5
1990	57726	100.2	99.0	98.3	97.8	98.2	99.7	92.6	98.4
1991	48464	100.3	98.9	98.5	97.9	98.4	100.1	94.1	98.5
1992	42522	100.7	99.0	98.9	98.2	98.8	100.5	94.7	98.8
1993	45068	100.7	99.2	99.1	98.5	99.2	100.7	95.2	99.1
1994	39438	100.1	99.1	98.7	98.2	98.8	100.9	95.9	98.7
1995	36006	99.7	98.6	98.3	97.5	98.4	100.4	96.4	98.2
1996	27738	99.7	98.6	98.3	97.5	98.4	100.4	97.5	98.2
1997	19525	99.3	97.8	97.7	96.7	97.9	100.4	97.7	97.5
1998	12473	98.9	98.3	97.8	96.9	97.8	100.2	98.0	97.7

1999	8475	98.5	98.1	97.4	96.7	97.5	100.1	98.2	97.4
2000	5824	98.5	98.0	97.5	96.8	97.6	100.2	98.5	97.4
2001	5061	98.6	98.3	97.8	97.1	97.8	99.9	98.4	97.7
2002	3653	98.3	98.4	97.7	97.0	97.6	99.6	99.0	97.6
2003	3366	97.6	98.3	97.2	96.6	97.0	99.0	100.3	97.3
2004	3023	97.6	98.6	97.4	96.8	97.1	99.1	100.8	97.5
2005	2488	97.5	98.9	97.5	97.1	97.2	99.3	100.9	97.7
2006	2722	97.4	98.2	97.3	96.6	97.1	99.7	101.2	97.3
2007	2850	97.4	98.4	97.4	96.8	97.1	99.6	101.9	97.5
2008	2976	97.6	98.3	97.5	96.8	97.2	99.7	102.1	97.5
2009	2363	97.4	98.6	97.7	97.0	97.4	99.8	102.4	97.7
2010	2185	97.8	98.5	97.9	97.1	97.7	99.8	102.6	97.9
2011	2152	97.3	98.4	97.4	96.7	97.1	99.3	102.9	97.4
2012	2234	97.2	98.6	97.6	96.9	97.3	99.1	103.1	97.6
2013	2500	98.2	98.2	98.2	97.2	98.2	100.3	102.7	98.0
2014	2174	98.1	98.4	98.4	97.4	98.3	99.7	103.6	98.2
2015	2556	99.2	98.5	99.3	98.0	99.3	100.2	103.9	99.0
2016	1812	98.7	98.6	99.1	98.0	99.2	100.4	103.8	98.8
2017	1427	98.5	98.8	99.0	98.0	99.0	100.3	103.8	98.9
2018	1204	98.6	99.2	99.4	98.5	99.3	100.3	103.9	99.3
2019	1065	98.5	99.4	99.5	98.6	99.3	100.1	103.8	99.4
2020	311	98.4	99.4	99.5	98.7	99.3	100.0	104.3	99.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	362	99.8	97.6	94.5	101.3	101.2
1981	514	98.8	91.7	95.2	102.0	102.1
1982	2031	99.0	94.5	95.2	102.0	101.9
1983	3715	99.2	93.8	94.8	101.7	101.6
1984	3362	98.6	94.8	94.7	101.7	101.6
1985	4332	98.5	94.4	94.4	101.5	101.6
1986	8500	98.1	95.5	94.2	101.4	101.4
1987	12131	97.8	95.7	93.9	101.0	101.1
1988	11002	97.9	96.1	93.9	100.9	101.1
1989	16358	99.7	97.3	93.9	100.5	100.1
1990	17178	99.6	97.5	94.0	100.6	100.2
1991	18168	100.0	97.7	94.0	100.6	100.2
1992	19610	99.7	97.6	94.0	100.6	100.4
1993	20336	100.3	97.8	94.5	101.3	100.7
1994	16581	100.0	97.1	94.4	101.1	100.7
1995	14901	100.1	97.5	93.8	100.0	100.3
1996	10983	100.3	97.9	93.8	100.0	100.3
1997	7035	99.4	97.9	93.9	100.0	100.0
1998	3679	99.1	97.1	94.2	100.3	100.0
1999	2533	99.1	97.1	94.0	100.0	99.5
2000	1588	98.7	97.4	94.5	100.5	99.9
2001	1424	98.8	96.8	94.0	99.9	99.0
2002	965	99.5	97.6	94.7	100.3	99.8
2003	897	99.5	98.0	94.3	99.9	99.3
2004	822	99.4	97.8	94.7	99.9	99.2
2005	670	99.3	97.5	94.5	99.7	99.1
2006	701	99.5	98.4	94.5	99.7	99.0
2007	713	99.6	98.9	95.1	100.2	99.5
2008	778	99.8	98.7	95.0	100.0	99.2
2009	631	99.2	98.2	95.3	100.1	99.3

2010	651	99.0	98.8	95.7	100.4	99.5
2011	613	99.2	98.6	95.9	100.4	99.4
2012	539	99.4	99.4	96.2	100.7	99.4
2013	573	99.1	99.1	96.7	101.1	100.0
2014	541	99.4	99.8	96.3	100.7	99.4
2015	695	101.0	100.7	95.4	100.0	98.4
2016	431	99.8	100.0	96.8	101.2	99.7
2017	339	99.9	100.3	97.5	101.6	100.3
2018	294	99.6	100.9	97.8	101.8	100.3
2019	174	99.3	101.3	98.2	102.0	100.7

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	636	-198.2	-349.2	59.1	101.3	99.5	94.6	88.0	96.6	81.0
1981	828	-169.5	-341.7	75.9	102.3	100.0	94.9	88.5	97.3	87.8
1982	4076	-181.7	-345.4	40.6	102.1	99.7	95.5	89.0	97.2	79.9
1983	7394	-186.0	-335.1	-26.1	101.9	99.5	95.2	89.0	97.3	95.6
1984	7742	-197.1	-331.5	-158.1	101.8	99.6	95.3	89.1	97.4	58.2
1985	11157	-194.1	-335.6	-266.3	101.8	99.8	96.7	89.6	98.3	107.6
1986	22219	-201.6	-327.8	-349.7	101.6	99.7	96.8	89.8	97.8	99.9
1987	32094	-196.3	-334.8	-427.8	101.2	100.0	96.3	92.0	97.8	82.8
1988	34065	-200.5	-338.0	-463.9	101.2	99.8	96.1	92.4	97.8	75.9
1989	50362	-218.4	-311.7	-469.7	100.3	98.5	94.6	91.6	97.2	62.1
1990	50980	-213.5	-302.8	-457.8	100.4	98.4	95.2	91.5	97.0	60.2
1991	41799	-202.0	-287.6	-438.6	100.4	98.5	96.1	91.8	97.0	60.1
1992	36167	-189.0	-276.2	-413.3	100.5	98.8	96.9	92.1	97.0	58.3
1993	38945	-165.9	-248.7	-377.0	101.0	99.1	97.5	92.3	97.3	54.3
1994	33532	-152.0	-211.5	-352.2	100.9	98.7	98.0	92.2	97.6	45.7
1995	30688	-145.4	-184.1	-319.6	100.2	98.2	98.6	92.3	97.7	45.4
1996	23481	-127.1	-165.8	-266.6	100.2	98.2	99.3	93.5	98.1	41.7
1997	16362	-129.5	-136.3	-269.0	100.0	97.5	98.9	93.1	98.0	42.3
1998	10201	-124.2	-132.9	-267.6	100.2	97.7	99.0	93.2	97.9	40.0
1999	6946	-111.9	-117.4	-243.0	99.7	97.4	100.3	93.9	98.2	39.4
2000	4916	-92.0	-113.6	-216.9	100.2	97.4	101.0	95.3	98.6	37.8
2001	4279	-89.2	-94.4	-179.0	99.3	97.7	100.9	95.3	98.6	35.2
2002	2994	-65.5	-73.6	-133.9	100.0	97.6	101.3	96.1	98.4	30.6
2003	2733	-63.2	-58.1	-120.3	99.5	97.3	101.7	96.4	98.1	21.5
2004	2474	-47.6	-39.9	-81.6	99.4	97.5	102.5	96.7	98.1	21.5
2005	2094	-42.6	-38.3	-82.8	99.3	97.7	102.6	97.3	98.1	16.5
2006	2299	-28.0	-0.8	-15.1	99.2	97.3	102.6	97.5	98.5	19.7
2007	2311	-12.4	1.9	7.5	99.8	97.5	103.6	98.1	98.6	19.1
2008	2406	-12.1	19.5	-13.4	99.5	97.5	103.6	97.8	98.7	13.3
2009	1905	-2.0	25.8	5.1	99.6	97.7	104.2	98.1	98.7	10.3
2010	1798	11.6	37.3	43.3	99.8	97.9	104.8	98.8	98.8	9.6
2011	1731	19.0	59.8	60.8	99.9	97.4	104.5	99.6	98.6	6.9
2012	1816	31.6	75.5	81.9	100.0	97.6	104.8	100.0	98.7	3.4
2013	2056	46.5	84.4	91.2	100.5	98.0	105.9	100.0	99.2	6.4
2014	1825	55.3	98.7	122.4	99.9	98.2	106.4	100.6	99.5	2.9
2015	2065	50.0	96.0	116.4	99.0	99.0	106.4	100.3	99.5	3.5
2016	1431	72.4	106.5	144.3	100.4	98.8	106.9	100.9	99.7	2.7
2017	1145	86.0	116.6	161.1	101.0	98.9	107.2	101.3	99.9	-0.9
2018	974	98.8	126.2	174.7	101.1	99.3	107.7	101.9	100.0	-5.3
2019	829	112.5	137.0	221.4	101.4	99.4	107.2	102.5	100.2	-10.1
2020	36	135.2	155.0	273.2	101.4	99.5	107.3	102.0	100.1	-21.7

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1981	17	93.9	97.1	96.4	94.9	95.2	96.1	98.8
1982	177	94.2	97.2	96.4	95.2	95.6	96.2	98.7
1983	215	94.0	96.6	96.7	95.4	95.2	96.2	98.0
1984	204	94.4	96.7	97.0	95.8	95.5	96.3	98.1
1985	169	95.1	96.7	97.8	96.8	96.2	96.7	97.8
1986	227	94.7	96.0	97.5	96.9	96.0	96.6	97.6
1987	1247	93.8	94.0	97.9	97.7	94.9	95.3	96.1
1988	1354	94.0	94.1	98.2	97.8	94.9	95.5	96.0
1989	3705	94.1	95.5	98.4	96.7	94.6	95.8	95.5
1990	4126	94.1	95.5	98.3	96.7	94.7	95.8	95.4
1991	4260	93.3	95.1	97.2	95.8	94.6	95.6	96.3
1992	3595	93.1	95.0	96.9	95.8	94.8	95.6	96.5
1993	5051	93.1	95.7	96.4	95.7	95.1	95.8	96.6
1994	5253	94.1	96.2	97.5	96.3	95.3	96.6	96.4
1995	8810	94.9	96.5	98.4	96.7	95.3	97.5	96.0
1996	5209	94.9	95.9	98.4	97.1	95.2	97.8	96.2
1997	4748	93.7	95.3	97.4	96.4	94.9	96.2	96.3
1998	2955	93.7	95.2	97.4	96.6	94.7	96.5	96.1
1999	1978	94.6	96.0	98.0	96.9	95.3	97.1	96.4
2000	1227	94.7	96.4	97.6	96.9	95.7	97.2	96.9
2001	1125	95.0	96.5	97.9	96.9	96.2	97.7	96.9
2002	762	95.2	96.8	97.6	97.0	96.6	98.2	97.0
2003	752	95.8	97.4	97.8	97.5	97.2	97.8	97.7
2004	778	95.9	97.7	97.8	97.4	97.5	97.2	97.9
2005	607	96.7	98.1	98.1	98.1	98.1	98.0	98.4
2006	691	96.7	98.2	98.0	98.0	98.0	97.8	98.6
2007	691	96.9	98.7	98.0	98.0	98.5	97.8	98.9
2008	831	96.7	98.3	97.9	98.0	98.1	97.4	98.9
2009	677	96.7	98.7	97.4	97.8	98.7	97.4	99.4
2010	676	97.1	98.8	97.6	98.0	98.8	98.0	99.8
2011	635	97.6	99.1	97.9	98.5	99.3	98.4	100.0
2012	603	98.0	99.3	98.1	98.5	99.5	99.0	100.1
2013	678	98.2	99.9	98.2	98.2	99.9	98.8	100.3
2014	638	98.3	99.7	98.1	98.4	100.1	99.3	100.7
2015	776	97.9	98.9	97.8	98.4	99.6	99.9	100.7
2016	506	98.4	99.3	98.1	98.6	100.1	99.9	100.9
2017	322	98.9	99.5	98.4	98.8	100.4	100.2	101.2
2018	277	99.3	100.0	98.7	99.0	100.6	100.3	101.3
2019	156	99.6	100.0	98.9	99.4	101.0	100.6	101.4

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	406	99.5	95.8	99.5	95.8	92.2	95.8
1981	646	100.1	96.0	100.1	96.0	92.7	96.5
1982	2863	99.6	96.3	99.6	96.3	92.2	96.4
1983	5193	100.0	96.2	100.0	96.2	92.2	96.9
1984	5228	100.5	96.1	100.5	96.1	92.9	96.8

1985	7225	101.8	96.1	101.8	96.1	93.7	97.5
1986	15023	101.5	95.9	101.5	95.9	93.6	97.3
1987	21549	101.0	96.4	101.0	96.4	93.2	97.6
1988	21284	100.9	96.5	100.9	96.5	93.1	97.6
1989	33605	99.8	97.0	99.8	97.0	92.7	97.6
1990	39705	99.7	97.0	99.7	97.0	92.6	97.4
1991	39539	100.0	96.9	100.0	96.9	93.0	97.3
1992	35974	100.3	96.7	100.3	96.7	93.0	96.9
1993	45222	100.4	96.9	100.4	96.9	93.4	96.7
1994	45381	100.7	96.9	100.7	96.9	93.8	96.6
1995	42558	101.1	96.8	101.1	96.8	94.1	96.7
1996	35125	101.4	97.0	101.4	97.0	94.3	97.1
1997	26046	101.6	96.8	101.6	96.8	94.5	97.1
1998	16928	101.5	96.7	101.5	96.7	94.3	96.9
1999	12138	102.1	96.5	102.1	96.5	95.0	96.9
2000	8830	102.4	96.8	102.4	96.8	95.2	97.5
2001	6906	102.5	96.7	102.5	96.7	95.3	97.4
2002	5417	102.1	96.7	102.1	96.7	95.3	97.3
2003	4749	102.2	96.3	102.2	96.3	95.1	97.0
2004	4234	102.3	96.3	102.3	96.3	95.2	97.2
2005	3400	102.3	96.2	102.3	96.2	95.1	97.1
2006	3405	102.7	96.4	102.7	96.4	95.7	97.3
2007	3239	103.0	96.3	103.0	96.3	96.3	97.1
2008	3354	103.0	96.5	103.0	96.5	96.1	97.5
2009	2918	103.2	96.4	103.2	96.4	96.3	97.4
2010	2718	103.2	96.4	103.2	96.4	96.2	97.3
2011	2563	103.2	96.2	103.2	96.2	96.2	97.2
2012	2596	103.0	96.4	103.0	96.4	96.0	97.3
2013	2750	103.4	96.7	103.4	96.7	96.6	97.3
2014	2517	103.4	96.9	103.4	96.9	96.9	97.6
2015	3175	102.8	97.4	102.8	97.4	97.0	97.9
2016	2533	103.2	97.3	103.2	97.3	97.2	98.0
2017	2121	103.6	97.1	103.6	97.1	97.6	97.8
2018	1883	103.5	97.4	103.5	97.4	97.5	98.1
2019	1658	103.4	97.5	103.4	97.5	97.5	98.3
2020	1541	103.0	97.7	103.0	97.7	97.3	98.2
2021	1468	103.0	97.8	103.0	97.8	97.2	98.3
2022	165	103.1	97.9	103.1	97.9	97.4	98.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	472	95.3	104.3	107.0	84.9	82.4	82.7
1981	629	97.4	103.2	104.5	84.9	81.9	81.6
1982	2699	96.7	103.7	105.3	96.1	93.2	92.9
1983	6014	95.6	104.2	106.5	96.7	93.6	94.0
1984	5516	96.4	103.6	105.3	96.1	93.9	94.8
1985	6874	98.4	101.7	102.7	96.5	93.9	94.0
1986	13802	97.6	102.1	103.8	98.9	95.5	95.6
1987	19032	97.1	102.9	104.7	99.4	96.8	98.6
1988	17422	96.9	102.9	104.8	99.2	97.1	99.0
1989	22797	94.1	103.0	108.2	99.5	98.1	98.9
1990	23410	94.1	103.1	108.1	99.6	98.7	99.6
1991	22430	94.6	102.7	107.5	99.8	99.0	99.2
1992	20706	95.5	102.8	106.4	99.6	98.8	98.7
1993	20580	95.8	102.1	106.0	100.0	98.6	98.2

1994	18288	96.0	102.4	105.7	100.9	98.3	98.3
1995	17432	96.2	102.5	105.5	100.3	98.2	98.4
1996	14097	96.6	102.7	105.3	101.2	98.5	98.2
1997	9294	96.2	102.8	105.8	100.5	98.4	98.7
1998	5718	96.6	103.0	105.3	100.4	98.4	98.6
1999	4191	97.2	102.1	104.6	100.4	98.4	98.5
2000	3074	96.9	101.8	104.8	101.2	97.8	98.0
2001	2806	96.8	101.6	105.0	101.1	97.3	97.9
2002	2020	96.5	101.7	105.3	101.3	97.8	98.1
2003	1904	96.6	102.1	105.1	100.3	98.8	98.9
2004	1903	96.5	101.9	105.2	101.0	99.3	99.1
2005	1764	96.7	101.7	105.1	100.5	99.4	98.9
2006	1932	97.1	102.0	104.5	100.6	98.4	98.8
2007	2338	98.1	101.2	103.4	99.6	99.2	100.7
2008	2414	97.6	101.1	103.9	100.3	99.2	100.5
2009	2127	97.6	101.5	104.0	100.4	99.6	100.1
2010	2003	97.5	101.5	104.1	100.1	99.4	99.5
2011	1900	97.5	101.3	104.4	100.0	99.4	99.3
2012	1874	97.5	101.2	104.4	100.5	99.4	99.2
2013	2027	98.9	100.5	102.6	98.8	99.4	100.7
2014	1898	98.6	100.5	102.9	100.5	99.1	100.2
2015	2307	98.2	100.3	103.0	99.9	99.8	99.9
2016	1793	98.8	100.4	102.5	100.3	99.4	100.2
2017	1430	98.7	100.2	102.8	100.9	98.7	99.2
2018	1304	99.2	100.0	102.3	101.3	98.7	98.9
2019	1048	99.0	100.3	102.5	102.1	98.8	99.2
2020	933	98.6	100.2	102.9	102.5	98.4	98.6
2021	833	98.9	100.2	102.5	102.7	99.0	99.1
2022	119	98.6	99.7	103.0	102.8	98.7	99.2

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	533	101.1	98.0	100.2	100.0	99.2	99.1	101.8	98.9	101.3	98.6	101.3
1981	803	101.2	98.7	99.2	99.9	100.0	98.7	101.7	99.0	101.7	98.2	101.0
1982	3106	101.3	98.3	99.4	99.8	99.7	98.6	101.9	99.4	101.2	98.6	100.6
1983	5739	101.9	98.5	99.7	99.8	100.9	98.2	102.4	99.2	101.9	98.3	101.4
1984	5396	102.0	99.0	99.4	99.9	101.1	97.9	102.4	99.1	102.1	98.1	101.3
1985	7243	101.7	99.2	98.4	99.8	100.7	97.2	102.4	99.1	101.6	97.4	100.9
1986	14380	101.7	98.4	98.7	99.5	100.4	97.2	102.4	99.2	101.2	97.5	100.7
1987	20229	103.3	99.4	98.2	100.7	102.5	96.8	104.1	98.4	102.8	96.9	102.9
1988	19663	103.2	99.9	98.2	100.9	102.9	97.1	103.9	98.3	103.0	97.2	102.7
1989	30108	103.0	100.2	99.1	100.7	102.8	97.5	103.4	98.5	103.2	97.5	103.2
1990	34749	102.8	100.1	99.5	100.6	102.4	97.7	103.1	98.8	103.0	97.5	103.0
1991	33599	102.3	98.7	99.2	100.2	101.2	97.6	102.9	98.9	101.8	97.3	102.4
1992	34027	102.0	98.3	99.3	100.0	100.9	97.6	102.6	99.0	101.3	97.4	101.8
1993	38436	102.0	97.6	99.9	99.9	100.6	97.4	102.6	99.4	100.6	97.6	101.9
1994	34557	101.7	97.1	100.3	100.3	99.6	98.1	102.4	99.8	99.8	97.9	102.2
1995	32150	101.3	96.2	100.5	100.0	98.3	98.5	102.0	100.3	98.7	97.8	102.0
1996	29504	100.5	95.9	100.6	100.1	97.3	99.5	101.0	100.6	98.6	98.2	101.9
1997	24270	99.8	95.3	100.8	99.5	96.8	99.3	100.5	100.2	98.1	98.1	100.9
1998	14161	99.6	94.8	100.9	99.5	96.5	99.2	100.4	100.1	97.8	98.0	100.8
1999	11445	99.4	94.8	100.8	99.4	96.4	99.2	100.1	100.2	97.6	98.0	100.4
2000	7165	99.5	94.8	100.6	99.9	96.2	99.5	100.1	100.7	97.3	98.6	100.0
2001	5855	99.0	94.4	101.5	99.3	96.2	99.8	99.7	100.3	97.0	99.0	99.5
2002	5239	99.5	95.0	101.3	99.8	96.6	99.8	100.1	100.6	97.4	99.0	100.0

2003	4526	98.9	94.7	100.9	99.9	95.8	100.0	99.4	100.9	96.9	98.6	99.9
2004	3967	98.9	94.3	101.0	99.6	95.8	99.8	99.3	100.9	96.8	98.6	99.6
2005	3201	99.0	94.4	100.9	100.0	95.4	99.8	99.5	101.0	96.3	98.8	99.8
2006	3159	98.4	93.3	102.0	99.0	95.0	100.3	98.9	101.2	95.6	99.6	98.6
2007	2758	97.8	93.3	101.6	98.3	95.1	100.4	98.3	100.9	95.9	99.0	98.3
2008	2654	98.0	93.1	101.2	98.8	94.8	100.2	98.7	100.7	95.6	98.7	98.6
2009	2300	97.9	93.1	101.8	99.1	94.4	100.7	98.5	101.0	95.4	99.5	98.4
2010	1964	97.4	92.6	101.6	98.7	93.9	100.5	98.3	100.5	95.0	99.1	98.3
2011	1517	97.0	92.1	101.6	98.4	93.4	100.7	98.0	100.3	94.6	99.0	98.2
2012	1018	96.9	92.3	101.2	98.8	93.3	100.8	98.1	99.9	94.5	99.1	98.3
2013	960	96.7	91.7	101.2	98.4	93.2	100.9	98.2	99.4	94.1	98.8	98.0
2014	772	96.5	91.2	101.5	98.1	92.9	100.9	97.9	99.6	93.8	99.0	98.0
2015	841	96.1	91.1	101.3	98.2	92.4	101.3	97.4	99.8	93.6	99.2	97.7
2016	542	96.4	91.0	101.6	98.1	92.8	100.7	97.9	99.5	93.7	98.9	97.7
2017	390	96.6	91.3	101.1	98.2	93.1	100.4	98.3	99.2	93.7	98.7	97.9
2018	318	96.9	91.9	101.0	98.7	93.1	100.5	98.3	99.7	93.9	98.9	98.1
2019	191	97.0	92.5	101.1	99.3	93.4	100.8	98.4	99.7	94.2	99.0	98.8

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	392	99.2	98.9	101.0
1981	626	100.4	99.7	101.5
1982	2801	99.2	98.8	101.6
1983	5113	99.3	98.9	101.5
1984	5145	99.0	98.6	101.6
1985	7089	99.4	98.7	102.4
1986	14782	99.4	98.7	102.2
1987	21252	99.2	98.3	101.9
1988	20985	99.0	98.3	102.0
1989	33101	98.1	98.0	101.6
1990	38964	97.7	97.8	101.6
1991	38381	97.8	97.8	101.6
1992	34902	97.6	97.7	101.6
1993	47599	97.4	97.6	101.7
1994	51000	97.8	97.9	101.7
1995	48657	98.3	98.2	101.7
1996	40836	98.5	98.4	101.3
1997	31013	98.8	98.6	101.3
1998	20577	98.7	98.6	101.3
1999	14858	99.1	98.8	101.6
2000	10557	98.8	98.8	101.6
2001	8074	99.0	98.8	101.4
2002	6420	99.5	99.2	101.3
2003	5683	99.7	99.3	101.0
2004	4949	99.7	99.2	100.9
2005	3950	99.7	99.2	101.0
2006	3920	99.9	99.4	101.0
2007	3704	100.5	99.8	101.6
2008	3837	100.3	99.5	101.4
2009	3330	100.1	99.3	101.0
2010	3105	100.4	99.6	100.9
2011	2918	100.6	99.9	100.5
2012	2914	100.7	99.9	100.4
2013	3064	100.7	99.9	100.6
2014	2788	100.6	99.8	100.5

2015	3532	101.2	100.2	100.1
2016	2839	101.2	100.2	100.4
2017	2375	101.3	100.5	100.5
2018	2073	101.3	100.5	100.5
2019	1890	101.7	100.8	100.5
2020	1898	101.8	100.9	100.6
2021	1809	101.8	101.0	100.5
2022	199	101.9	101.1	100.7

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	4283	-1624.9	-6350.2	-255.6	-244.0
2002	2991	-1293.0	-5128.6	-195.5	-197.9
2003	2733	-1155.3	-4627.5	-173.1	-177.5
2004	2480	-850.8	-3482.5	-118.0	-135.4
2005	2103	-843.8	-3396.7	-122.3	-131.7
2006	2307	-292.8	-1190.3	-30.8	-51.6
2007	2318	-141.5	-661.7	0.2	-32.4
2008	2411	-200.8	-922.0	-10.8	-40.3
2009	1910	-55.9	-371.1	12.2	-18.7
2010	1814	232.5	883.9	59.6	23.2
2011	1764	427.1	1597.8	93.9	50.7
2012	1835	631.6	2422.6	130.5	79.1
2013	2085	730.5	2737.3	141.8	96.4
2014	1851	1000.5	3877.6	188.1	134.7
2015	2095	957.4	3768.8	185.4	126.0
2016	1478	1195.9	4626.1	223.2	161.9
2017	1176	1343.4	5193.3	249.5	182.5
2018	1002	1491.5	5801.5	278.3	201.8
2019	839	1852.6	7171.7	339.2	254.2
2020	46	2319.8	9009.1	418.4	321.3

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

Jaar	Aantal	Eff	Int	Gewen
1980	69	95.0	96.9	99.6
1981	88	94.1	99.6	98.9
1982	417	94.0	98.1	99.6
1983	572	94.8	95.9	99.2
1984	461	94.1	96.9	99.2
1985	700	93.7	98.4	98.2
1986	1132	94.0	96.9	98.5
1987	2042	95.2	94.0	98.3
1988	1678	95.0	93.7	98.3
1989	2379	95.1	89.1	98.5
1990	2180	95.0	88.7	98.6
1991	2088	95.3	90.7	98.7
1992	1908	95.1	91.6	98.9
1993	2113	95.3	92.0	98.7
1994	1827	95.2	90.5	99.0

1995	1925	95.7	89.6	99.1
1996	1617	95.8	90.4	99.2
1997	1089	95.7	90.7	99.4
1998	687	95.6	91.4	98.9
1999	503	95.7	91.6	99.0
2000	326	95.5	91.5	99.1
2001	357	96.0	92.6	98.7
2002	243	96.5	93.4	98.8
2003	235	96.9	94.3	98.8
2004	260	97.1	94.3	98.9
2005	204	97.0	94.8	99.0
2006	281	97.7	95.0	98.9
2007	302	97.9	94.6	99.3
2008	306	98.0	94.3	99.1
2009	294	97.8	94.7	98.8
2010	337	97.7	95.3	99.0
2011	368	97.8	96.5	98.7
2012	326	98.3	97.2	98.6
2013	373	98.9	98.2	99.0
2014	385	99.1	99.8	98.7
2015	527	100.6	100.8	98.8
2016	337	100.0	102.8	98.8
2017	275	100.6	104.6	98.3
2018	234	100.7	105.8	98.5
2019	237	101.0	106.8	98.3
2020	10	103.6	107.9	97.1

Tabel: 150 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	636	96.2	100.2	1	-4.2	81.0	0	0.0
1981	828	95.3	100.0	6	-2.9	87.8	0	0.0
1982	4076	95.8	100.1	11	-3.1	79.9	0	0.0
1983	7394	96.3	100.3	7	-3.5	95.6	0	0.0
1984	7742	96.3	100.3	13	-2.4	58.2	0	0.0
1985	11157	95.5	100.2	13331	-3.8	107.6	0	0.0
1986	22219	95.8	100.2	24904	-3.7	99.9	0	0.0
1987	32094	95.4	100.1	34289	-3.4	82.8	0	0.0
1988	34065	95.8	100.0	34762	-3.3	75.9	0	0.0
1989	50362	96.7	99.9	50680	-3.0	62.1	0	0.0
1990	50980	96.9	99.8	51226	-2.9	60.2	0	0.0
1991	41799	96.2	99.6	42230	-2.8	60.1	0	0.0
1992	36167	96.3	99.6	36699	-2.7	58.3	0	0.0
1993	38945	96.6	99.9	38981	-2.4	54.3	0	0.0
1994	33532	96.3	100.0	33546	-2.0	45.7	0	0.0
1995	30688	95.7	99.5	30700	-1.8	45.4	0	0.0
1996	23481	95.6	99.5	23483	-1.7	41.7	0	0.0
1997	16362	96.3	99.3	16363	-1.5	42.3	0	0.0
1998	10201	96.4	99.5	10204	-1.4	40.0	0	0.0
1999	6946	96.4	99.4	6949	-1.3	39.4	0	0.0
2000	4916	96.6	99.3	4921	-1.3	37.8	0	0.0
2001	4279	97.4	99.3	4281	-1.1	35.2	1489	96.1
2002	2994	97.2	99.4	2998	-0.9	30.6	1008	96.5
2003	2733	97.4	99.5	2738	-0.6	21.5	955	97.3
2004	2474	97.6	99.7	2478	-0.5	21.5	908	97.4
2005	2094	97.3	99.5	2096	-0.4	16.5	721	98.0

2006	2299	98.2	99.7	2302	-0.3	19.7	764	97.2
2007	2311	98.2	99.9	2314	-0.2	19.1	788	97.4
2008	2406	98.2	99.7	2407	-0.0	13.3	894	98.0
2009	1905	98.5	100.0	1906	0.1	10.3	760	98.2
2010	1798	98.3	100.0	1801	0.1	9.6	741	98.3
2011	1731	98.7	100.0	1734	0.3	6.9	710	98.4
2012	1816	98.8	100.3	1820	0.5	3.4	652	98.8
2013	2056	98.7	100.4	2063	0.5	6.4	711	98.2
2014	1825	99.1	100.2	1833	0.6	2.9	691	98.4
2015	2065	99.4	99.9	2082	0.6	3.5	834	98.3
2016	1431	99.4	100.2	1455	0.7	2.7	541	98.5
2017	1145	99.5	100.4	1165	0.8	-0.9	392	98.6
2018	974	99.6	100.6	995	1.0	-5.3	320	99.4
2019	829	100.0	100.6	837	1.1	-10.1	194	99.9
2020	36	101.0	101.0	49	1.2	-21.7	3	100.7
2021	0	0.0	0.0	15	0.9	-21.3	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	141	99.6	0	0.0	0	0.0	141	93.8
1981	189	99.6	2	99.5	2	99.0	189	94.4
1982	783	99.7	1	101.0	1	97.0	783	95.0
1983	1249	99.5	0	0.0	0	0.0	1249	93.7
1984	1155	99.4	0	0.0	0	0.0	1155	93.1
1985	1607	99.3	1	106.0	1	98.0	1607	92.8
1986	3035	99.4	0	0.0	0	0.0	3035	93.1
1987	4405	99.6	1	98.0	0	0.0	4405	93.8
1988	3919	99.7	0	0.0	0	0.0	3919	94.3
1989	5485	99.5	0	0.0	0	0.0	5485	93.7
1990	5717	99.4	3	98.3	3	98.0	5717	93.3
1991	5296	99.1	46	98.3	27	99.6	5296	92.8
1992	4876	99.1	26	98.0	12	99.8	4876	92.8
1993	5198	99.2	34	97.9	17	100.2	5198	92.9
1994	4763	99.0	69	101.1	61	97.9	4763	92.5
1995	4759	99.7	89	104.1	87	99.1	4759	92.5
1996	3994	99.6	73	104.0	71	99.2	3994	92.5
1997	3068	99.1	67	100.3	66	99.3	3068	92.2
1998	2011	99.1	31	101.9	30	99.9	2011	92.2
1999	1552	99.4	21	103.4	20	99.9	1552	92.5
2000	1152	99.6	19	101.3	17	100.8	1152	93.2
2001	1187	99.7	17	102.5	16	101.1	1187	93.4
2002	914	99.7	13	101.5	12	100.7	914	93.4
2003	931	99.5	13	102.5	14	101.5	931	93.9
2004	1032	99.3	14	99.1	15	101.5	1032	93.8
2005	976	99.3	16	100.5	15	101.1	976	94.4
2006	1220	99.2	18	99.2	17	100.7	1220	94.5
2007	1323	99.3	22	100.0	20	100.8	1323	94.8
2008	1574	99.5	11	100.2	14	100.7	1574	95.3
2009	1449	99.6	14	100.4	20	101.3	1449	95.7
2010	1604	99.7	18	100.7	22	100.7	1604	95.5
2011	1576	99.7	15	100.9	28	101.9	1576	95.9
2012	1619	99.7	11	101.0	20	100.9	1619	96.4
2013	1839	99.8	9	99.9	15	101.1	1839	97.1
2014	1639	99.7	11	99.3	16	100.6	1639	97.0
2015	1862	99.8	22	100.5	25	100.0	1862	97.6

2016	1297	99.9	5	99.8	7	101.4	1297	97.9
2017	1017	100.0	9	100.0	14	101.6	1017	97.9
2018	877	100.0	1	101.0	3	100.3	877	98.5
2019	751	100.0	0	0.0	10	101.5	751	98.5
2020	43	100.1	0	0.0	0	0.0	43	98.7

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1980	31	100.4	99.3	102.0	100.0	98.2	99.4
1981	34	101.6	100.6	102.7	100.3	98.9	100.5
1982	148	101.4	100.6	102.7	100.3	98.9	100.5
1983	191	100.5	99.5	101.7	99.8	98.4	99.6
1984	120	100.4	99.5	101.4	99.3	98.5	99.6
1985	46	100.1	99.2	100.9	99.2	98.6	99.3
1986	27	100.0	99.2	100.8	99.1	98.7	99.4
1987	37	99.4	98.6	99.5	98.4	99.1	99.4
1988	72	100.2	99.3	100.7	99.1	99.5	100.1
1989	459	100.5	99.2	101.4	100.1	99.0	99.6
1990	375	100.5	99.1	101.3	100.0	99.0	99.6
1991	479	100.6	99.7	101.1	100.0	99.1	99.5
1992	300	100.5	99.8	100.9	99.8	99.0	99.3
1993	444	101.2	100.6	101.5	99.9	100.4	100.2
1994	561	101.4	100.9	101.9	99.7	100.3	100.9
1995	516	99.9	99.4	100.8	98.5	99.4	99.5
1996	478	98.7	98.1	99.5	97.8	98.5	98.3
1997	365	98.9	98.3	99.2	98.0	98.7	98.4
1998	224	98.7	98.0	99.3	97.9	98.5	98.2
1999	165	98.9	98.2	99.6	98.0	98.6	98.3
2000	116	99.4	98.8	100.0	98.5	98.5	98.8
2001	117	99.5	98.8	100.1	98.4	99.1	99.1
2002	85	99.8	99.2	100.2	98.8	99.3	99.1
2003	87	98.6	98.3	98.8	97.7	98.8	98.1
2004	99	99.4	99.3	99.1	98.3	99.2	99.2
2005	91	99.8	99.6	99.5	98.6	99.4	99.8
2006	125	100.7	100.5	100.4	99.5	99.7	100.3
2007	131	100.7	100.5	100.2	99.5	99.6	100.2
2008	148	100.9	100.7	100.5	99.8	99.8	100.5
2009	140	100.9	100.7	100.6	99.6	99.7	100.5
2010	138	100.7	100.5	100.3	99.7	99.5	100.5
2011	133	100.2	100.0	99.7	99.3	99.3	100.0
2012	156	99.6	99.2	99.3	98.6	99.3	99.6
2013	142	100.2	99.6	100.0	99.3	99.5	100.0
2014	133	99.9	99.2	99.8	99.1	99.5	99.9
2015	159	101.0	100.4	100.8	99.9	99.7	99.9
2016	87	100.9	100.6	100.7	99.8	99.6	100.1
2017	68	100.7	100.1	100.7	99.8	99.4	99.9
2018	38	100.2	99.8	100.1	99.2	99.3	99.5
2019	22	100.0	99.7	99.6	98.9	99.6	99.3

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	91	-3691.4	-73.2	-105.9	-168.2	212.2	61.7	-0.3	-638.5
1981	117	-3853.6	-79.3	-111.0	-175.7	222.4	65.5	-0.5	-674.3
1982	142	-3909.5	-74.9	-111.2	-178.3	236.9	69.3	-0.5	-666.6
1983	141	-3833.1	-74.4	-109.2	-174.7	227.3	66.8	-0.4	-656.7
1984	234	-3911.8	-76.1	-112.9	-178.3	236.5	66.0	-0.4	-676.3
1985	234	-3938.9	-78.9	-114.3	-179.6	235.1	65.7	-0.5	-688.0
1986	299	-3802.3	-77.6	-110.4	-173.3	218.1	61.6	-0.4	-667.8
1987	378	-3741.8	-75.1	-107.7	-170.6	212.8	61.8	-0.3	-650.4
1988	431	-3773.3	-76.2	-108.6	-172.0	216.2	63.1	-0.4	-656.9
1989	311	-3656.3	-74.3	-105.2	-166.6	204.0	60.0	-0.3	-637.2
1990	448	-3691.6	-75.2	-106.5	-168.2	205.2	59.8	-0.3	-645.1
1991	226	-3503.0	-70.4	-101.5	-159.6	192.7	54.4	-0.2	-612.1
1992	327	-3368.2	-71.8	-97.4	-153.5	171.6	51.6	-0.2	-596.2
1993	235	-3057.9	-63.8	-88.1	-139.3	148.8	44.5	-0.1	-536.9
1994	267	-2924.3	-58.4	-82.2	-133.2	144.5	45.4	-0.1	-499.9
1995	259	-2929.5	-58.3	-83.2	-133.5	143.6	43.5	-0.1	-503.6
1996	260	-2946.5	-59.4	-82.8	-134.2	144.4	45.9	-0.0	-504.5
1997	306	-2940.8	-58.4	-82.6	-134.0	143.6	45.3	-0.1	-501.6
1998	284	-2826.5	-56.7	-79.5	-128.8	134.3	42.3	-0.1	-483.7
1999	379	-2670.2	-47.2	-73.1	-121.6	133.9	42.3	-0.0	-435.4
2000	329	-2547.9	-42.9	-69.3	-116.0	128.9	40.2	-0.0	-409.2
2001	312	-2622.3	-44.4	-70.4	-115.7	133.6	43.5	7.2	-416.7
2002	388	-2581.0	-44.7	-69.2	-114.7	128.6	43.0	5.4	-412.0
2003	425	-2543.6	-44.6	-68.3	-113.6	124.9	41.6	4.2	-407.7
2004	534	-2341.9	-39.1	-61.9	-105.2	114.2	38.6	2.8	-367.7
2005	566	-2371.8	-38.8	-61.8	-106.7	117.4	40.7	2.4	-366.9
2006	734	-2292.6	-32.4	-58.9	-103.6	120.6	40.3	1.4	-340.6
2007	797	-2251.5	-31.6	-56.4	-102.2	117.7	41.7	0.7	-328.3
2008	890	-2305.7	-33.5	-58.6	-104.5	119.3	41.5	0.8	-341.9
2009	1088	-2288.8	-31.3	-57.1	-104.1	121.3	42.8	0.3	-331.1
2010	1093	-2216.0	-28.4	-54.6	-100.9	119.2	42.2	-0.0	-314.0
2011	1278	-2209.0	-25.8	-53.8	-100.7	122.8	43.1	-0.2	-305.1
2012	1215	-2290.2	-23.4	-53.6	-104.7	134.9	49.2	-0.8	-300.3
2013	1906	-2312.3	-21.7	-53.5	-107.4	140.0	50.9	-3.5	-297.2
2014	1478	-2290.6	-19.1	-52.2	-106.5	142.3	51.5	-3.7	-286.2
2015	1285	-2210.3	-15.8	-47.5	-103.7	140.0	53.8	-5.1	-259.0
2016	1297	-2179.7	-13.6	-47.2	-102.5	140.8	52.3	-5.4	-252.9
2017	1317	-2159.3	-13.5	-45.2	-102.0	139.3	54.5	-6.1	-244.2
2018	1388	-2129.9	-10.3	-43.6	-102.8	141.9	55.3	-9.5	-231.1
2019	1401	-2073.0	-8.9	-41.0	-101.2	138.6	55.5	-11.0	-217.1
2020	152	-2125.6	-8.8	-41.3	-105.7	142.9	58.2	-14.5	-219.5

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	30	70.6	80.9	83.4	90.9	92.5	95.4	79.3
1981	23	70.3	81.3	83.1	90.6	92.6	95.3	79.3
1982	47	68.9	80.3	82.8	90.4	92.4	94.7	77.7
1983	39	69.7	81.1	83.0	90.3	93.2	94.0	78.2
1984	56	69.0	81.0	82.5	90.3	92.9	94.2	77.7
1985	21	70.1	80.9	83.2	90.3	93.1	93.5	79.3
1986	28	70.9	80.6	83.6	91.0	92.6	93.2	79.5
1987	27	70.7	80.0	83.9	91.6	92.0	94.6	79.3

1988	33	71.5	79.6	84.6	92.2	91.3	94.9	79.8
1989	23	72.9	80.0	85.4	92.6	91.6	94.1	81.5
1990	25	71.9	80.0	85.1	92.4	91.8	93.9	80.1
1991	24	73.0	80.1	84.8	92.0	92.3	94.0	79.8
1992	32	73.2	79.5	85.2	92.3	91.4	94.4	80.2
1993	29	72.3	80.1	85.1	92.0	92.0	95.1	79.7
1994	28	72.8	79.6	84.9	92.0	91.9	94.6	80.1
1995	31	72.4	79.8	84.7	91.8	92.1	94.4	80.1
1996	16	70.6	80.3	84.9	91.8	92.2	93.9	79.0
1997	19	72.4	79.6	85.2	92.5	91.6	94.4	79.8
1998	27	72.5	80.1	85.3	92.4	91.8	94.4	80.9
1999	32	73.0	80.2	86.2	93.6	90.9	96.2	80.7
2000	31	71.8	80.1	85.2	92.5	91.8	96.1	80.3
2001	29	72.3	80.3	85.6	93.2	91.4	95.8	80.2
2002	44	72.2	80.5	85.7	93.0	91.5	95.7	81.1
2003	40	72.1	80.9	86.2	93.5	91.5	95.5	81.0
2004	37	73.0	80.4	86.4	93.6	91.1	95.4	81.2
2005	54	71.6	80.0	85.3	92.7	91.3	95.1	80.3
2006	47	72.2	79.3	85.1	92.5	91.0	94.6	80.5
2007	51	72.7	81.2	86.6	93.7	91.7	95.4	81.4
2008	66	72.8	81.1	86.6	93.6	91.5	95.3	81.5
2009	36	72.9	81.4	87.1	94.2	91.2	96.0	82.1
2010	63	72.0	80.4	86.3	93.6	91.0	95.9	81.0
2011	60	72.1	80.2	86.0	93.5	90.9	96.4	81.3
2012	65	71.7	80.8	86.6	93.8	91.0	96.0	81.0
2013	62	72.1	82.1	87.1	93.9	91.8	96.2	82.2
2014	43	71.0	81.6	86.3	93.4	91.5	96.7	81.7
2015	39	71.3	82.2	87.5	94.5	91.2	96.3	82.6
2016	49	70.9	81.6	86.5	93.6	91.2	96.2	82.2
2017	70	71.4	81.8	87.4	94.3	91.0	96.6	82.4
2018	61	73.8	81.0	87.6	95.0	90.3	96.5	82.3
2019	70	73.1	81.4	87.5	94.4	90.9	96.1	82.8

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	30	102.0	104.7	93.1	95.4	104.3
1981	23	101.9	104.8	93.2	95.5	104.2
1982	47	102.4	104.6	93.3	95.5	104.8
1983	39	103.1	104.9	93.3	95.7	105.8
1984	56	102.4	105.7	92.2	95.4	105.0
1985	21	102.4	105.3	92.8	95.4	105.0
1986	28	103.4	105.3	92.1	95.8	106.3
1987	27	104.0	105.0	92.2	95.9	106.9
1988	33	103.8	105.5	91.3	95.6	106.8
1989	23	104.4	105.2	91.5	95.7	107.5
1990	25	104.2	105.3	91.4	95.7	107.3
1991	24	103.9	105.0	91.5	95.4	106.7
1992	32	105.8	104.8	92.3	96.3	108.9
1993	29	105.7	104.9	92.0	96.4	109.0
1994	28	105.4	104.4	92.4	96.3	108.7
1995	31	105.1	104.6	92.1	96.1	108.2
1996	16	103.8	104.4	92.5	95.5	106.7
1997	19	105.5	104.9	91.6	95.9	108.5
1998	27	104.7	104.2	92.4	96.1	107.8
1999	32	106.9	104.8	91.6	96.4	110.1

2000	31	105.8	104.7	91.4	96.2	109.0
2001	29	105.8	105.0	91.6	96.1	109.0
2002	44	105.3	105.0	91.7	96.3	108.2
2003	40	105.0	105.1	91.6	96.1	108.0
2004	37	105.7	104.7	91.6	96.0	108.9
2005	54	105.7	105.3	91.0	95.9	108.6
2006	47	106.0	105.2	91.0	95.8	108.8
2007	51	105.7	105.0	91.5	96.2	109.1
2008	66	105.9	105.2	91.3	96.2	109.1
2009	36	105.5	105.6	90.9	95.8	108.6
2010	63	106.1	105.1	91.0	95.7	109.1
2011	60	106.0	104.5	91.4	95.7	109.1
2012	65	105.8	105.5	90.4	95.5	108.9
2013	62	105.0	105.4	90.8	95.8	108.0
2014	43	105.0	105.3	90.6	95.5	108.0
2015	39	105.7	106.2	90.3	95.5	108.8
2016	49	105.6	105.3	90.7	95.7	108.6
2017	70	105.6	106.1	90.2	95.4	108.5
2018	61	105.8	105.4	91.0	95.5	108.8
2019	70	105.6	105.5	90.8	95.2	108.6

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	30	92.5	90.0	104.7	89.8	92.6	91.5	90.4
1981	23	93.0	90.7	104.0	90.4	92.7	92.5	91.3
1982	47	91.7	90.2	103.5	89.7	92.2	92.3	91.0
1983	39	91.4	89.9	103.9	89.1	93.0	93.0	91.6
1984	56	92.2	89.7	104.1	89.6	92.9	92.5	91.4
1985	21	91.3	91.5	102.6	89.0	92.3	92.8	92.0
1986	28	93.0	91.7	104.6	89.3	94.1	93.2	92.3
1987	27	91.6	93.0	103.9	88.2	94.1	94.5	93.3
1988	33	92.8	92.5	104.5	88.9	94.8	93.8	92.6
1989	23	91.5	93.0	104.2	87.6	94.8	94.7	93.3
1990	25	91.1	92.0	104.3	87.0	94.4	94.2	92.9
1991	24	92.7	92.9	104.5	88.9	95.0	95.0	93.6
1992	32	92.3	94.4	104.3	88.0	95.5	95.9	94.4
1993	29	92.6	94.6	104.6	88.4	95.9	95.9	94.9
1994	28	93.1	94.3	104.9	88.4	96.0	95.8	94.1
1995	31	92.7	94.2	104.9	88.1	95.4	95.2	93.5
1996	16	93.0	92.7	104.2	88.9	95.1	94.4	92.8
1997	19	92.9	93.6	104.4	88.4	96.1	95.4	93.6
1998	27	92.7	94.6	105.4	87.9	96.0	95.6	93.9
1999	32	93.9	96.1	104.6	89.2	96.9	96.4	95.6
2000	31	93.2	95.1	104.5	88.7	96.0	95.8	94.8
2001	29	93.3	95.4	104.6	89.0	96.2	96.2	95.3
2002	44	93.2	94.8	105.1	88.7	95.7	94.8	93.9
2003	40	94.2	94.7	104.5	89.8	96.5	94.5	93.9
2004	37	94.8	95.5	105.1	89.9	97.6	96.1	95.3
2005	54	94.6	94.9	104.7	89.9	97.2	95.5	94.7
2006	47	95.1	95.3	104.7	90.2	97.4	96.1	95.3
2007	51	95.0	95.6	104.9	90.4	97.6	95.8	95.0
2008	66	95.2	95.8	105.3	90.6	97.7	95.7	95.1
2009	36	95.4	95.1	105.2	90.6	97.2	95.2	94.4
2010	63	95.6	95.5	104.5	91.0	97.9	95.9	95.1
2011	60	95.5	95.8	104.2	90.8	98.1	95.9	95.2

2012	65	96.0	95.2	104.1	91.5	98.0	95.3	94.6
2013	62	96.6	95.1	105.1	92.0	97.7	94.5	93.8
2014	43	96.3	94.7	104.2	91.9	97.6	94.7	94.0
2015	39	96.9	95.7	104.7	92.4	98.2	94.5	93.8
2016	49	96.4	95.5	104.6	92.0	98.6	95.7	95.1
2017	70	96.6	96.3	103.9	92.2	98.2	95.5	95.2
2018	61	96.4	96.4	104.1	91.9	98.8	96.0	95.4
2019	70	96.3	95.9	104.1	92.1	98.4	95.8	95.2

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	30	72.1	78.8	90.0	102.3	0.0	84.4
1981	23	71.8	78.6	90.5	102.3	0.0	84.4
1982	47	70.5	78.0	89.7	102.9	0.0	83.9
1983	39	70.4	78.6	89.8	103.8	0.0	84.6
1984	56	70.1	78.3	90.0	102.7	0.0	83.9
1985	21	71.2	78.6	89.6	102.9	0.0	84.2
1986	28	71.4	78.9	91.1	103.9	0.0	85.6
1987	27	71.6	78.9	90.7	104.7	0.0	85.8
1988	33	72.1	79.0	91.6	104.4	0.0	86.4
1989	23	73.0	79.7	90.9	105.0	0.0	86.6
1990	25	72.5	79.5	90.4	104.9	0.0	86.1
1991	24	72.6	79.3	91.8	104.3	0.0	86.6
1992	32	72.8	79.1	92.0	106.6	0.0	87.9
1993	29	72.9	79.2	92.2	106.6	0.0	88.1
1994	28	72.7	79.3	92.6	106.6	0.0	88.3
1995	31	72.5	79.2	92.1	106.1	0.0	87.7
1996	16	71.6	79.1	92.1	104.6	0.0	86.5
1997	19	72.5	79.3	92.5	106.3	0.0	87.9
1998	27	73.2	79.7	92.3	105.7	0.0	87.9
1999	32	73.8	79.7	93.4	107.8	0.0	89.7
2000	31	73.1	79.6	92.6	106.6	0.0	88.5
2001	29	73.2	79.8	92.9	106.6	0.0	88.7
2002	44	73.5	79.9	92.3	106.0	0.0	88.1
2003	40	73.5	80.2	93.3	105.6	0.0	88.5
2004	37	73.7	80.1	94.4	106.6	0.0	89.7
2005	54	72.6	79.4	93.9	106.1	0.0	88.6
2006	47	72.5	79.2	94.3	106.4	0.0	89.0
2007	51	74.0	80.6	94.5	106.6	0.0	89.8
2008	66	74.0	80.3	94.6	106.6	0.0	89.9
2009	36	74.7	80.9	94.5	105.9	0.0	89.7
2010	63	73.7	80.1	95.0	106.7	0.0	90.1
2011	60	73.9	79.8	95.0	106.9	0.0	90.1
2012	65	73.8	80.3	95.3	106.3	0.0	90.0
2013	62	74.9	81.0	95.4	105.4	0.0	90.0
2014	43	74.2	80.4	95.3	105.5	0.0	89.7
2015	39	74.9	81.3	95.9	106.0	0.0	90.6
2016	49	74.2	80.4	95.8	106.1	0.0	90.3
2017	70	74.9	80.9	95.7	105.6	0.0	90.3
2018	61	75.2	80.9	96.0	106.2	0.0	90.9
2019	70	75.0	81.1	95.8	106.1	0.0	90.7

Tabel: 158 Jersey: Vruchtbaarheidskenmerken

Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	140	103.4	105.1	104.3	105.6	103.7	96.5	79.3	105.0
1981	202	103.3	105.2	104.3	105.9	103.7	96.3	79.3	105.1
1982	263	103.3	105.4	104.2	105.9	103.7	95.9	77.8	105.0
1983	259	103.4	105.1	104.3	105.7	103.8	95.9	77.5	105.0
1984	357	103.4	105.3	104.3	105.8	103.7	96.1	78.1	105.1
1985	297	103.6	105.5	104.8	106.1	104.3	96.5	78.7	105.6
1986	373	103.7	105.1	104.7	105.8	104.2	96.3	79.1	105.4
1987	423	103.5	105.0	104.7	105.7	103.9	96.2	81.2	105.4
1988	472	102.8	105.1	104.5	105.5	103.4	95.9	82.2	105.2
1989	351	103.7	104.7	104.8	105.5	104.1	96.1	80.8	105.3
1990	479	103.7	104.7	104.8	105.5	104.0	95.5	80.8	105.3
1991	261	103.6	103.7	104.0	104.5	103.6	96.0	80.5	104.3
1992	346	103.0	103.6	103.9	104.3	103.2	96.4	82.7	104.3
1993	246	103.0	102.8	103.5	103.6	102.9	97.0	83.5	103.7
1994	292	103.1	102.8	103.7	103.8	103.0	97.2	84.4	103.8
1995	270	102.4	102.5	103.0	103.1	102.3	97.2	85.2	103.1
1996	285	102.8	102.6	103.5	103.5	102.8	97.3	85.1	103.6
1997	319	102.5	102.9	103.5	103.6	102.6	97.1	85.8	103.7
1998	320	102.5	102.8	103.5	103.5	102.6	96.9	85.9	103.7
1999	430	102.7	101.6	103.1	102.6	102.4	96.7	86.3	102.9
2000	387	102.1	101.5	102.8	102.4	101.9	96.5	87.1	102.7
2001	368	101.9	101.9	102.9	102.7	101.9	96.4	87.3	102.9
2002	401	101.7	101.8	102.7	102.4	101.6	96.0	87.5	102.7
2003	453	101.8	101.9	102.8	102.5	101.7	95.9	87.5	102.8
2004	546	101.2	102.0	102.6	102.3	101.2	94.6	88.0	102.7
2005	574	101.0	102.2	102.6	102.3	101.1	94.2	87.7	102.8
2006	747	100.9	102.4	102.7	102.4	101.1	94.1	87.9	102.9
2007	774	100.9	102.2	102.9	102.3	101.1	94.0	88.2	103.0
2008	863	100.9	102.0	102.8	102.2	101.0	94.3	88.7	102.9
2009	1102	101.2	102.1	103.0	102.4	101.3	94.4	89.2	103.0
2010	1100	101.5	102.5	103.4	103.0	101.9	94.5	89.0	103.5
2011	1320	101.3	102.8	103.5	103.3	102.0	94.8	89.2	103.7
2012	1278	101.2	102.7	103.4	103.1	101.9	94.4	89.2	103.5
2013	1989	101.9	102.1	103.6	102.9	102.3	94.5	88.7	103.5
2014	1587	101.9	102.6	104.0	103.5	102.6	94.9	89.5	103.9
2015	1401	101.3	102.5	103.7	103.3	102.2	95.0	90.7	103.7
2016	1462	101.6	102.5	103.8	103.4	102.4	95.1	90.2	103.8
2017	1495	101.5	102.8	104.1	103.6	102.6	95.2	90.5	104.1
2018	1599	101.5	102.8	104.0	103.7	102.7	95.4	90.5	104.0
2019	1395	101.7	102.6	104.2	103.6	102.9	95.6	90.6	104.1
2020	415	101.7	102.8	104.3	103.8	103.0	95.9	90.8	104.3

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	14	100.6	64.9	96.8	97.8	98.7
1981	11	100.5	64.3	96.5	98.1	99.2
1982	14	100.2	65.1	97.4	98.6	99.4
1984	11	99.6	64.4	96.7	98.1	98.9
1985	11	99.9	36.7	96.6	97.7	98.9
1986	25	100.2	85.9	96.6	97.6	98.7

1987	30	101.0	68.4	96.1	97.5	98.9
1988	28	100.5	72.9	96.5	97.8	98.8
1989	22	100.0	77.9	96.7	98.1	98.4
1990	23	99.7	82.4	97.3	98.7	98.7
1991	24	99.8	76.0	96.3	97.7	98.1
1992	36	100.6	90.6	95.5	96.8	97.8
1993	37	100.9	85.4	95.3	96.4	97.5
1994	36	100.0	83.3	95.4	96.4	97.6
1995	37	100.2	68.2	95.3	96.3	97.6
1996	24	100.0	62.7	95.6	96.6	98.0
1997	27	99.6	70.3	95.5	96.2	97.7
1998	27	100.5	63.3	95.0	95.8	97.7
1999	61	102.7	92.6	95.0	95.6	97.5
2000	38	102.0	94.5	94.9	95.3	97.2
2001	28	102.9	73.2	95.1	95.1	97.3
2002	41	101.6	69.2	95.4	95.3	97.3
2003	33	102.0	58.6	95.7	95.4	97.2
2004	41	101.8	62.7	96.1	96.4	97.7
2005	60	101.7	53.4	96.4	96.2	97.9
2006	49	101.2	61.6	96.9	96.5	98.2
2007	43	101.7	40.9	96.9	96.5	98.2
2008	40	102.1	36.1	96.7	96.3	98.1
2009	18	101.7	80.7	96.7	96.1	97.1
2010	46	101.9	63.2	96.8	96.5	97.5
2011	46	101.3	58.6	97.4	96.7	97.2
2012	51	102.3	75.2	97.3	96.6	97.0
2013	36	101.4	60.8	98.0	97.6	97.8
2014	30	102.0	69.2	97.9	97.5	97.6
2015	30	101.8	79.8	97.7	97.3	97.1
2016	36	102.2	74.8	98.0	97.8	97.5
2017	42	101.9	59.2	98.1	97.8	97.2
2018	47	101.0	101.5	98.0	97.5	97.2
2019	47	101.3	77.3	98.0	97.7	97.2

Tabel: 160 Jersey: NVI met onderliggende kenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	91	-234.1	-638.5	-310.5	98.2	105.0	90.0	102.3	99.2	0.0
1981	117	-241.9	-674.3	-346.7	98.7	105.1	90.5	102.3	99.8	0.0
1982	142	-246.6	-666.6	-379.2	99.0	105.0	89.7	102.9	99.7	0.0
1983	141	-245.4	-656.7	-386.5	98.4	105.0	89.8	103.8	99.1	0.0
1984	234	-262.4	-676.3	-532.2	98.4	105.1	90.0	102.7	99.6	0.0
1985	234	-127.4	-688.0	-572.8	98.2	105.6	89.6	102.9	99.3	381.1
1986	299	-136.3	-667.8	-626.0	98.0	105.4	91.1	103.9	99.0	338.2
1987	378	-132.5	-650.4	-546.6	98.1	105.4	90.7	104.7	98.9	325.3
1988	431	-146.4	-656.9	-525.7	98.2	105.2	91.6	104.4	99.2	298.8
1989	311	-123.6	-637.2	-478.8	98.0	105.3	90.9	105.0	99.0	335.4
1990	448	-119.7	-645.1	-485.0	98.5	105.3	90.4	104.9	98.8	356.2
1991	226	-102.9	-612.1	-400.4	97.7	104.3	91.8	104.3	98.3	388.0
1992	327	-100.9	-596.2	-377.4	97.1	104.3	92.0	106.6	98.0	371.4
1993	235	-87.6	-536.9	-362.0	96.7	103.7	92.2	106.6	97.1	372.7
1994	267	-71.7	-499.9	-276.5	96.7	103.8	92.6	106.6	97.7	359.5
1995	259	-71.6	-503.6	-279.0	96.7	103.1	92.1	106.1	97.6	371.7
1996	260	-72.1	-504.5	-286.7	97.1	103.6	92.1	104.6	97.9	365.4
1997	306	-72.7	-501.6	-290.1	96.7	103.7	92.5	106.3	98.3	353.3
1998	284	-68.3	-483.7	-310.0	96.5	103.7	92.3	105.7	98.5	361.1

1999	379	-56.3	-435.4	-264.5	96.3	102.9	93.4	107.8	98.3	341.0
2000	329	-42.8	-409.2	-253.0	95.9	102.7	92.6	106.6	98.4	354.7
2001	312	-44.9	-416.7	-265.3	95.9	102.9	92.9	106.6	98.7	352.8
2002	388	-40.1	-412.0	-263.6	96.0	102.7	92.3	106.0	98.9	359.5
2003	425	-33.9	-407.7	-193.7	96.0	102.8	93.3	105.6	98.4	361.4
2004	534	-8.0	-367.7	-109.2	96.8	102.7	94.4	106.6	97.7	363.4
2005	566	3.9	-366.9	-24.3	96.8	102.8	93.9	106.1	97.3	370.5
2006	734	22.7	-340.6	24.2	97.2	102.9	94.3	106.4	97.4	372.4
2007	797	22.9	-328.3	46.4	97.1	103.0	94.5	106.6	97.3	362.2
2008	890	13.3	-341.9	26.0	97.1	102.9	94.6	106.6	97.4	358.8
2009	1088	9.5	-331.1	35.8	96.3	103.0	94.5	105.9	97.3	347.1
2010	1093	32.0	-314.0	87.9	96.8	103.5	95.0	106.7	98.4	349.3
2011	1278	40.1	-305.1	122.4	96.7	103.7	95.0	106.9	98.6	343.9
2012	1215	37.4	-300.3	108.2	96.5	103.5	95.3	106.3	98.9	332.7
2013	1906	40.2	-297.2	110.6	97.4	103.5	95.4	105.4	98.4	319.6
2014	1478	45.4	-286.2	115.7	97.3	103.9	95.3	105.5	98.6	321.3
2015	1285	49.1	-259.0	99.2	96.8	103.7	95.9	106.0	99.4	305.5
2016	1297	55.8	-252.9	137.2	97.4	103.8	95.8	106.1	99.4	310.0
2017	1317	53.5	-244.2	102.9	97.2	104.1	95.7	105.6	99.5	297.0
2018	1388	58.4	-231.1	137.6	97.0	104.0	96.0	106.2	99.8	294.0
2019	1401	70.1	-217.1	172.1	97.1	104.1	95.8	106.1	100.0	307.5
2020	152	83.5	-219.5	223.3	97.3	104.3	97.0	108.3	100.2	334.8

Tabel: 161 Jersey: Klauwgezondheidskenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2004	20	106.8	108.5	105.0	104.5	99.5	103.2	101.3
2005	19	106.8	107.8	105.8	105.4	99.0	103.3	100.0
2006	22	108.7	108.6	107.2	107.0	99.8	104.8	100.2
2007	11	107.6	108.2	106.1	106.5	99.4	104.5	100.2
2010	20	108.8	109.0	107.2	106.6	100.4	105.5	100.5
2011	29	108.1	108.5	106.8	106.3	100.3	105.0	99.9
2012	43	108.3	109.4	106.5	105.4	100.1	104.7	101.1
2013	134	108.1	109.5	106.3	105.1	100.1	104.2	101.2
2014	120	108.3	109.4	106.5	105.3	100.0	104.6	101.2
2015	16	108.0	109.0	106.8	105.1	99.2	104.8	100.9
2016	44	108.3	109.2	106.8	105.3	99.6	104.8	100.8
2017	44	108.4	109.4	106.9	105.7	99.6	104.8	101.0
2018	22	107.5	108.1	106.8	105.5	99.0	104.8	99.6
2019	10	109.3	111.1	105.6	105.2	102.0	104.5	103.8

Tabel: 162 Jersey: Levensvatbaarheidskenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	21	99.8	97.9	99.8	97.9	88.3	104.1
1981	20	100.0	98.3	100.0	98.3	88.3	104.5
1982	29	100.1	98.4	100.1	98.4	88.4	104.6
1983	33	99.2	98.1	99.2	98.1	88.1	104.1
1984	49	99.8	98.5	99.8	98.5	88.3	104.3
1985	36	99.6	97.6	99.6	97.6	88.2	104.1
1986	72	99.1	98.6	99.1	98.6	88.2	104.5

1987	123	98.3	98.9	98.3	98.9	87.1	104.2
1988	131	99.2	98.3	99.2	98.3	88.5	104.8
1989	132	99.3	98.0	99.3	98.0	88.6	105.0
1990	179	99.3	97.6	99.3	97.6	88.5	105.1
1991	139	98.3	97.9	98.3	97.9	87.6	104.1
1992	150	97.7	98.4	97.7	98.4	87.0	105.0
1993	200	97.0	97.8	97.0	97.8	86.2	104.4
1994	247	97.5	98.3	97.5	98.3	87.0	104.3
1995	228	97.5	98.4	97.5	98.4	87.1	104.4
1996	210	97.9	98.4	97.9	98.4	87.2	104.6
1997	210	98.2	98.6	98.2	98.6	87.9	104.6
1998	259	98.8	98.8	98.8	98.8	88.1	104.5
1999	331	98.3	98.9	98.3	98.9	87.6	105.2
2000	324	98.2	99.1	98.2	99.1	87.8	105.3
2001	315	98.6	99.1	98.6	99.1	88.2	105.2
2002	345	98.8	99.1	98.8	99.1	88.2	105.1
2003	394	98.1	98.9	98.1	98.9	88.9	104.5
2004	445	97.5	98.3	97.5	98.3	88.2	104.2
2005	480	97.3	97.8	97.3	97.8	88.3	104.1
2006	535	97.3	98.1	97.3	98.1	88.3	104.5
2007	618	96.8	98.1	96.8	98.1	88.5	104.0
2008	666	96.6	98.5	96.6	98.5	88.3	104.0
2009	756	96.5	98.2	96.5	98.2	88.1	104.0
2010	748	97.5	98.9	97.5	98.9	88.4	105.0
2011	846	97.7	99.4	97.7	99.4	88.5	105.8
2012	902	98.1	99.5	98.1	99.5	88.8	105.9
2013	1283	98.0	99.1	98.0	99.1	88.5	106.0
2014	980	97.9	99.2	97.9	99.2	88.4	106.2
2015	1047	98.5	99.7	98.5	99.7	89.5	106.0
2016	1001	98.5	99.3	98.5	99.3	89.0	105.6
2017	1092	98.6	99.7	98.6	99.7	89.4	105.8
2018	1167	98.8	100.2	98.8	100.2	89.2	106.3
2019	1055	98.8	100.1	98.8	100.1	89.1	106.3
2020	1100	99.2	93.5	99.2	93.5	89.4	99.2
2021	1224	99.3	78.8	99.3	78.8	89.6	83.6
2022	161	99.1	67.8	99.1	67.8	89.6	71.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	25	120.8	108.2	56.1	52.3	50.6	47.2
1981	26	121.4	108.3	55.3	50.2	48.5	45.2
1982	39	121.1	108.5	56.0	31.2	30.1	28.1
1983	37	120.4	107.8	57.0	17.6	17.0	15.8
1984	45	122.0	108.2	54.7	45.8	44.2	40.9
1985	43	120.3	107.8	57.3	26.5	25.0	23.2
1986	47	119.3	107.2	60.1	32.5	31.1	28.4
1987	81	117.3	107.4	62.4	31.8	30.5	27.6
1988	78	117.9	106.3	62.6	28.3	26.9	24.6
1989	76	118.6	106.8	60.8	30.2	28.5	26.6
1990	89	118.7	106.9	60.3	28.1	26.1	24.7
1991	66	118.3	107.3	60.9	34.8	32.8	30.5
1992	79	119.1	106.3	61.1	62.4	58.1	52.7
1993	80	118.8	106.4	61.2	54.5	50.5	45.8
1994	118	118.1	106.9	61.6	59.0	54.7	51.1
1995	104	117.5	107.1	62.4	50.2	46.7	43.6

1996	91	118.2	106.8	61.7	61.4	57.3	53.2
1997	106	117.0	107.2	62.8	55.5	51.8	48.4
1998	138	116.3	107.6	63.1	66.8	62.3	58.9
1999	170	116.4	107.1	63.2	77.8	72.8	66.6
2000	171	117.3	106.5	62.6	74.5	69.5	64.3
2001	171	116.9	107.0	62.8	72.6	68.1	63.2
2002	192	116.0	107.0	63.9	66.7	62.4	58.4
2003	245	115.6	107.1	63.6	67.3	62.9	59.2
2004	345	115.8	108.1	63.1	67.5	64.0	60.2
2005	353	116.4	108.2	62.0	78.9	75.1	70.8
2006	417	116.8	107.8	61.4	77.9	74.1	69.4
2007	507	115.8	108.4	62.6	83.7	80.2	75.3
2008	546	114.9	108.4	63.8	83.8	79.8	75.1
2009	721	114.4	108.6	64.4	78.5	74.7	70.0
2010	650	114.9	108.1	63.6	78.1	74.1	69.3
2011	841	115.2	107.8	63.3	81.9	77.8	72.6
2012	822	114.7	108.0	63.8	82.7	78.3	72.8
2013	1146	114.4	108.1	64.0	86.1	81.3	75.7
2014	966	114.7	107.4	63.7	86.3	81.3	75.7
2015	978	113.6	107.6	65.2	88.1	82.5	77.2
2016	904	114.0	107.2	64.6	86.2	81.0	75.5
2017	906	113.3	108.1	65.4	88.0	82.5	77.0
2018	935	113.3	108.0	65.4	88.7	82.9	77.4
2019	736	112.7	108.1	66.2	86.8	81.2	75.7
2020	760	112.2	108.5	66.8	68.4	63.9	59.9
2021	714	112.3	108.2	67.0	49.5	46.2	43.1
2022	129	112.5	108.1	67.0	31.4	29.3	27.3

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	44	86.7	104.0	90.3	85.4	99.4	93.8	87.8	89.3	102.2	93.8	81.2
1981	38	86.6	104.1	90.0	85.1	99.7	93.2	88.0	88.8	102.5	93.3	80.9
1982	54	86.6	104.7	89.4	85.0	100.4	92.8	87.9	88.5	103.1	92.9	80.9
1983	47	86.5	104.5	90.1	84.9	100.0	93.6	87.4	88.9	103.0	93.5	81.0
1984	82	86.7	104.2	90.3	84.9	100.0	93.3	87.8	88.7	102.8	93.4	80.9
1985	69	86.5	104.3	90.7	85.5	99.3	94.3	87.6	89.2	102.6	94.0	81.7
1986	104	86.3	103.8	91.4	84.7	99.5	94.9	87.3	88.8	102.8	94.8	81.0
1987	123	86.8	103.7	91.9	84.4	99.9	95.3	87.3	89.9	103.0	95.3	80.8
1988	141	86.2	103.4	91.5	84.3	99.1	94.8	86.9	89.5	102.4	94.7	80.7
1989	124	86.2	103.5	91.6	84.4	99.0	94.9	86.9	89.7	102.4	94.7	80.8
1990	151	85.6	103.4	91.5	84.1	98.7	94.7	86.5	89.3	102.3	94.3	80.4
1991	102	85.7	103.1	91.5	84.4	98.2	95.5	86.8	89.3	102.0	95.1	80.6
1992	138	85.7	102.9	91.7	84.4	97.5	96.8	86.2	90.6	101.8	96.1	80.4
1993	121	85.2	102.7	92.0	84.1	96.7	97.7	85.3	91.4	101.5	96.7	79.9
1994	157	85.4	102.6	91.8	83.9	97.3	97.2	85.9	90.6	101.7	96.5	80.1
1995	144	85.2	102.5	91.7	83.8	97.0	97.4	85.6	90.8	101.7	96.4	80.0
1996	149	85.3	102.4	91.6	83.9	97.3	96.8	85.9	90.5	101.6	95.9	80.1
1997	122	85.5	102.8	91.6	83.8	97.9	96.8	86.1	90.2	102.1	96.1	80.2
1998	169	85.6	102.4	92.1	83.8	97.6	97.2	86.0	90.7	101.8	96.5	80.1
1999	211	85.8	102.8	92.0	84.0	97.7	97.1	85.6	92.0	102.1	96.2	80.1
2000	170	85.8	102.5	91.8	83.9	97.4	97.0	85.7	92.1	101.7	96.3	79.7
2001	174	86.0	102.6	91.8	84.1	97.6	97.2	86.1	91.8	101.9	96.5	80.2
2002	187	86.2	102.7	91.5	84.3	97.5	97.1	86.0	92.2	102.0	96.3	80.5
2003	160	86.2	102.9	91.8	84.4	97.9	97.0	86.2	91.9	102.3	96.1	80.7
2004	188	86.7	102.7	92.2	84.0	98.6	97.0	86.4	92.2	102.5	96.4	80.7

2005	165	86.8	102.2	93.0	83.7	98.6	97.6	86.4	92.4	102.4	97.3	80.3
2006	184	86.8	102.1	92.9	83.1	99.1	97.6	86.2	92.4	102.6	97.5	79.7
2007	114	87.0	102.4	92.8	83.6	99.1	97.2	86.6	92.4	102.6	97.0	80.2
2008	138	87.1	102.6	92.8	83.7	99.4	97.4	86.7	92.4	102.7	97.2	80.3
2009	134	87.0	102.6	92.8	83.9	99.1	97.2	86.6	92.4	102.6	96.9	80.5
2010	83	88.4	102.6	93.1	83.8	100.6	97.4	87.7	92.9	103.3	97.7	81.0
2011	53	88.6	102.1	93.3	83.7	100.4	98.0	87.9	93.1	103.1	98.1	81.3
2012	46	88.2	102.3	93.2	83.5	100.6	97.4	87.6	92.9	103.2	97.4	80.9
2013	28	89.0	102.6	93.1	84.6	101.0	97.2	88.5	92.7	103.3	97.5	82.1
2014	23	88.4	102.4	93.0	83.5	101.1	97.3	87.7	93.3	103.3	97.4	80.9
2015	11	87.8	102.1	92.8	84.3	99.6	97.0	87.6	92.5	102.5	96.7	81.7
2016	16	88.2	102.1	92.9	83.6	99.8	98.1	87.6	93.3	102.8	98.0	80.8
2017	14	88.9	101.3	92.8	83.5	100.2	97.6	88.4	93.1	102.5	97.7	81.2
2018	15	88.7	100.8	92.7	83.7	99.7	97.9	88.5	93.1	102.1	98.0	81.3
2019	18	88.7	100.7	92.8	84.1	99.4	97.6	88.7	93.4	102.1	97.8	81.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	16	93.4	91.7	101.1
1981	16	94.4	92.9	101.3
1982	24	93.0	90.9	101.2
1983	19	92.3	90.1	100.9
1984	39	92.7	90.6	101.1
1985	15	93.8	92.0	100.5
1986	42	92.8	91.8	100.6
1987	98	93.1	91.6	100.5
1988	69	93.4	92.4	100.4
1989	80	93.6	92.1	100.4
1990	101	93.9	92.3	100.4
1991	72	93.9	92.5	100.0
1992	105	92.3	91.3	100.2
1993	164	92.1	91.1	99.9
1994	200	93.0	91.9	99.8
1995	209	92.7	91.6	99.7
1996	192	92.7	91.6	99.9
1997	173	93.1	92.0	100.0
1998	243	92.9	91.8	99.7
1999	323	92.4	91.4	99.7
2000	300	91.7	90.6	99.4
2001	282	92.1	91.1	99.2
2002	314	92.5	91.5	99.8
2003	355	93.1	91.9	99.8
2004	396	92.8	91.4	100.1
2005	455	92.4	90.9	100.5
2006	512	92.3	90.6	100.8
2007	569	92.2	90.9	100.6
2008	568	92.0	90.8	100.4
2009	636	92.3	91.0	100.4
2010	631	92.4	91.0	101.1
2011	783	91.8	90.3	101.3
2012	860	92.1	90.7	101.3
2013	1252	91.8	90.1	101.3
2014	974	91.6	90.0	101.5
2015	1240	92.7	90.9	101.5
2016	1066	92.7	90.7	101.3

2017	1122	92.7	90.9	101.3
2018	1292	92.3	90.5	101.2
2019	1157	92.5	90.7	101.2
2020	1296	92.7	90.9	101.3
2021	1096	92.8	91.0	101.3
2022	123	93.2	91.5	101.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	296	-3159.4	-15594.3	-456.4	-483.6
2002	362	-3133.1	-15416.0	-455.1	-478.7
2003	392	-2798.4	-14267.1	-392.5	-433.2
2004	489	-2230.5	-12052.1	-294.1	-352.7
2005	518	-1802.7	-10753.6	-211.1	-295.3
2006	662	-1452.2	-9603.9	-138.6	-251.0
2007	725	-1291.7	-9085.0	-114.6	-225.9
2008	790	-1455.0	-9691.1	-142.5	-249.4
2009	1041	-1360.5	-9383.0	-125.5	-236.2
2010	1027	-987.1	-8025.9	-56.3	-185.1
2011	1221	-764.9	-7337.6	-10.8	-156.5
2012	1181	-839.6	-8015.5	-18.8	-168.5
2013	1890	-808.2	-8037.1	-9.0	-165.9
2014	1461	-726.5	-7813.4	8.9	-155.9
2015	1242	-701.3	-7806.5	5.6	-148.2
2016	1272	-451.2	-6924.9	58.2	-117.0
2017	1304	-598.3	-7413.8	22.6	-133.1
2018	1384	-346.5	-6664.7	73.4	-100.3
2019	1404	-100.1	-5808.9	114.5	-64.1
2020	155	177.3	-5096.7	168.6	-26.6

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

Jaar	Aantal	Eff	Int	Gewen
1990	15	95.7	96.9	105.5
1991	10	97.1	96.8	105.0
1992	35	96.7	97.9	104.7
1993	31	97.5	97.3	105.5
1994	45	97.4	97.4	104.8
1995	24	98.0	97.2	104.8
1996	17	97.2	97.1	104.2
1997	25	98.2	96.6	105.5
1998	40	97.6	96.0	107.2
1999	92	98.8	96.9	107.0
2000	47	98.5	96.8	106.8
2001	43	98.9	96.8	106.8
2002	71	98.2	96.6	106.8
2003	97	99.2	95.9	108.2
2004	123	98.1	97.1	108.8
2005	129	98.3	95.6	109.3
2006	164	98.4	95.3	109.6

2007	203	97.9	95.8	108.8
2008	211	97.8	96.2	108.5
2009	325	98.4	95.9	108.6
2010	272	98.3	96.4	108.7
2011	347	97.9	96.6	108.5
2012	360	98.7	96.2	109.0
2013	424	98.6	95.8	109.0
2014	410	98.4	96.2	109.2
2015	397	99.2	95.8	109.4
2016	397	98.7	95.9	108.9
2017	494	99.4	95.9	109.1
2018	402	99.4	96.7	109.0
2019	481	100.4	96.8	109.2
2020	56	102.0	97.2	109.5

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	91	102.0	96.7	0	0.0	0.0	0	0.0
1981	117	101.6	96.6	0	0.0	0.0	0	0.0
1982	142	101.5	96.6	0	0.0	0.0	0	0.0
1983	141	101.6	96.5	0	0.0	0.0	0	0.0
1984	234	101.6	96.6	0	0.0	0.0	0	0.0
1985	234	101.5	96.6	237	-10.7	381.1	0	0.0
1986	299	101.2	96.6	303	-9.9	338.2	0	0.0
1987	378	101.7	96.7	380	-9.6	325.3	0	0.0
1988	431	102.3	96.3	431	-9.2	298.8	0	0.0
1989	311	103.0	96.6	311	-9.7	335.4	0	0.0
1990	448	103.1	96.8	448	-10.1	356.2	0	0.0
1991	226	103.1	96.7	226	-10.4	388.0	0	0.0
1992	327	102.9	96.2	328	-10.0	371.4	0	0.0
1993	235	103.4	96.3	235	-9.7	372.7	0	0.0
1994	267	103.6	96.3	267	-9.2	359.5	0	0.0
1995	259	103.4	96.0	259	-9.4	371.7	0	0.0
1996	260	103.5	96.1	260	-9.3	365.4	0	0.0
1997	306	103.6	96.1	306	-9.1	353.3	0	0.0
1998	284	102.6	95.6	284	-9.1	361.1	0	0.0
1999	379	103.0	95.8	379	-8.5	341.0	0	0.0
2000	329	102.9	95.5	329	-8.5	354.7	0	0.0
2001	312	102.6	95.5	312	-8.5	352.8	29	58.4
2002	388	102.7	95.5	388	-8.6	359.5	43	58.7
2003	425	103.4	95.9	425	-8.6	361.4	39	58.8
2004	534	104.5	96.2	534	-8.4	363.4	36	60.0
2005	566	104.4	96.7	566	-8.5	370.5	54	61.8
2006	734	105.3	96.8	734	-8.4	372.4	47	59.8
2007	797	105.3	96.8	797	-8.2	362.2	51	60.5
2008	890	105.2	96.2	890	-8.2	358.8	66	59.0
2009	1088	105.6	96.5	1088	-7.9	347.1	36	59.6
2010	1093	106.0	97.2	1093	-7.8	349.3	63	59.0
2011	1278	106.2	97.0	1278	-7.7	343.9	60	58.9
2012	1215	106.3	96.4	1215	-7.5	332.7	65	60.8
2013	1906	106.2	96.9	1907	-7.3	319.6	60	61.3
2014	1478	106.0	96.8	1478	-7.2	321.3	43	60.5
2015	1285	106.3	96.4	1285	-6.8	305.5	39	63.3
2016	1297	106.3	96.5	1297	-6.8	310.0	48	63.0
2017	1317	106.9	96.7	1317	-6.6	297.0	70	64.9

2018	1388	106.9	96.6	1389	-6.4	294.0	61	67.0
2019	1401	107.0	96.5	1406	-6.6	307.5	69	67.3
2020	152	107.2	96.7	155	-7.1	334.8	3	67.7

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	18	99.7	0	0.0	0	0.0	18	96.3
1987	48	99.8	0	0.0	0	0.0	48	98.1
1988	54	99.8	0	0.0	0	0.0	54	98.8
1989	47	99.8	0	0.0	0	0.0	47	98.8
1990	45	100.0	0	0.0	0	0.0	45	99.0
1991	44	99.9	0	0.0	0	0.0	44	98.8
1992	71	99.9	0	0.0	0	0.0	71	97.0
1993	64	100.0	0	0.0	0	0.0	64	97.6
1994	90	100.0	0	0.0	0	0.0	90	97.9
1995	84	100.0	0	0.0	0	0.0	84	98.8
1996	67	100.0	0	0.0	0	0.0	67	98.3
1997	93	100.0	0	0.0	0	0.0	93	99.2
1998	115	100.0	0	0.0	0	0.0	115	99.3
1999	144	100.0	0	0.0	0	0.0	144	99.3
2000	144	100.0	0	0.0	0	0.0	144	98.9
2001	153	100.0	0	0.0	0	0.0	153	99.8
2002	197	100.0	0	0.0	0	0.0	197	100.1
2003	227	100.0	0	0.0	0	0.0	227	101.3
2004	341	100.0	0	0.0	0	0.0	341	101.0
2005	346	100.0	0	0.0	0	0.0	346	101.4
2006	456	100.0	0	0.0	0	0.0	456	101.3
2007	544	100.0	0	0.0	0	0.0	544	102.1
2008	604	100.0	0	0.0	0	0.0	604	102.1
2009	801	100.0	0	0.0	0	0.0	801	102.2
2010	804	100.0	0	0.0	0	0.0	804	101.2
2011	920	100.0	0	0.0	0	0.0	920	101.5
2012	935	100.0	0	0.0	0	0.0	935	101.5
2013	1190	100.0	0	0.0	0	0.0	1190	101.2
2014	1052	100.0	0	0.0	0	0.0	1052	101.1
2015	996	100.0	0	0.0	11	96.5	996	100.0
2016	1030	100.0	0	0.0	2	97.0	1030	100.7
2017	1060	100.0	0	0.0	0	0.0	1060	100.2
2018	1096	100.0	0	0.0	0	0.0	1096	101.2
2019	1031	100.0	0	0.0	0	0.0	1031	100.9
2020	127	100.0	0	0.0	0	0.0	127	100.7

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	16	102.8	101.7	103.5	101.2	103.9	102.2
1999	25	101.1	100.4	101.2	99.8	102.9	100.5
2000	20	101.3	100.5	101.7	99.9	103.0	100.9
2001	10	101.1	100.6	101.3	99.8	102.9	100.2
2003	15	103.3	102.8	103.4	101.9	103.7	102.0

2004	52	103.9	103.3	104.1	102.5	104.3	102.2
2005	56	103.9	103.3	104.2	102.2	104.7	102.8
2006	62	103.6	102.8	104.0	101.7	104.5	103.0
2007	63	103.2	102.6	103.6	101.6	104.2	102.4
2008	55	102.2	101.6	102.5	100.8	103.3	101.2
2009	73	102.8	102.3	103.1	101.2	103.9	101.8
2010	68	103.5	102.6	103.9	101.6	104.5	102.6
2011	118	103.7	102.8	104.0	101.9	104.6	102.7
2012	81	103.3	102.5	103.6	101.7	104.1	102.4
2013	286	103.0	102.3	103.3	101.4	104.0	102.0
2014	170	103.4	102.6	103.7	101.7	104.0	102.3
2015	36	102.8	102.1	103.0	101.2	104.0	101.9
2016	51	102.6	101.9	102.8	101.0	103.6	101.4
2017	23	103.0	102.3	103.2	101.2	104.1	101.8
2018	20	102.6	101.7	102.9	101.1	103.6	101.4

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1990	10	-1300.7	-60.8	-59.4	-66.1	-5.2	-21.2	-12.3	-391.2
1991	13	-1853.0	-92.2	-79.5	-91.3	-22.5	-24.3	-13.2	-546.8
1992	12	-1644.2	-86.9	-73.8	-82.0	-29.8	-28.0	-13.3	-509.8
1994	14	-1828.6	-93.0	-78.5	-90.1	-27.1	-24.7	-13.1	-544.3
1995	13	-2151.8	-101.5	-87.7	-104.8	-13.5	-19.3	-13.8	-604.2
1996	13	-2140.2	-102.2	-85.2	-104.3	-15.5	-14.2	-13.5	-595.4
1997	27	-2371.7	-113.9	-94.4	-115.0	-20.3	-16.7	-14.3	-660.9
1998	12	-2371.2	-115.0	-94.7	-115.0	-24.2	-18.0	-14.5	-664.2
2000	17	-2235.9	-108.6	-90.9	-108.8	-23.3	-20.9	-14.2	-633.5
2001	12	-2119.7	-104.8	-93.5	-93.5	-24.2	-35.7	9.2	-631.8
2003	13	-2290.8	-111.2	-92.0	-94.2	-21.7	-17.2	31.8	-639.2

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1987	14	99.7	105.4	101.2	103.0	100.6	96.4	95.1	102.8
1988	21	100.0	104.5	100.3	102.2	100.2	96.0	93.4	101.7
1989	12	100.4	104.5	101.0	102.5	100.9	96.0	91.9	102.3
1990	34	99.8	104.0	100.0	101.7	99.9	95.7	93.6	101.4
1991	32	99.4	105.8	101.0	103.2	100.6	95.9	93.8	102.7
1992	60	100.5	104.5	100.8	102.5	100.9	96.5	93.2	102.2
1993	40	100.4	104.4	100.7	102.4	100.8	96.0	93.1	102.0
1994	33	100.3	105.8	101.5	103.5	101.2	96.3	93.5	103.1
1995	54	100.4	104.3	100.4	102.3	100.6	96.0	92.4	101.8
1996	86	99.9	105.6	101.1	103.2	100.6	95.6	92.8	102.7
1997	105	100.7	104.8	101.1	102.8	101.1	96.0	92.7	102.5
1998	113	100.2	105.0	100.9	102.9	100.7	95.6	92.6	102.3
1999	136	100.3	104.7	100.7	102.6	100.7	95.7	92.1	102.2
2000	136	100.6	105.3	101.2	103.2	101.0	95.9	92.6	102.7
2001	130	100.1	105.9	101.4	103.6	101.1	95.3	92.2	103.1
2002	151	100.1	105.5	101.1	103.2	100.8	95.3	91.8	102.7

2003	123	99.7	105.9	101.1	103.3	100.6	95.4	92.5	102.8
2004	86	100.0	105.6	101.3	103.2	100.7	95.4	92.5	102.9
2005	111	99.8	105.8	101.3	103.4	100.7	95.5	92.9	102.9
2006	74	100.1	105.7	101.3	103.3	100.9	95.1	92.6	102.8
2007	59	99.8	105.5	100.9	103.1	100.5	95.2	92.7	102.5
2008	63	99.7	105.8	101.1	103.3	100.6	95.4	92.9	102.8
2009	54	99.6	105.4	100.7	102.9	100.4	95.4	92.8	102.3
2010	35	99.8	105.6	101.0	103.3	100.7	95.5	92.6	102.6
2011	45	99.5	105.6	100.8	102.8	100.2	94.9	92.9	102.4
2012	40	98.8	106.1	100.5	103.0	99.9	94.9	92.9	102.3
2013	42	99.1	105.7	100.5	102.9	100.1	95.3	92.3	102.4
2014	24	98.7	106.1	100.6	103.1	100.0	95.2	92.0	102.5
2015	27	99.2	106.5	101.0	103.7	100.5	95.3	92.1	102.8
2016	20	99.5	106.0	100.9	103.3	100.6	95.0	91.2	102.8
2017	19	99.0	106.5	101.1	103.6	100.3	94.3	91.4	103.0
2018	28	100.5	105.1	101.2	103.0	101.3	95.8	91.6	102.6
2019	19	99.8	106.1	101.3	103.5	100.9	95.0	91.3	102.9

Tabel: 173 Lakenvelder - zwartbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1990	10	-135.6	-391.2	-196.0	103.3	101.4	0.0	0.0	99.0	65.1
1991	13	-175.8	-546.8	-503.0	104.5	102.7	0.0	0.0	99.0	104.1
1992	12	-209.9	-509.8	-147.4	101.0	102.2	99.0	98.0	99.4	128.7
1994	14	-183.4	-544.3	-49.9	103.1	103.1	0.0	0.0	97.8	127.5
1995	13	-249.2	-604.2	-500.6	103.3	101.8	93.0	98.0	99.4	89.0
1996	13	-234.0	-595.4	-336.9	102.5	102.7	96.0	98.0	98.8	75.1
1997	27	-263.5	-660.9	-488.9	102.1	102.5	98.0	97.5	100.0	84.0
1998	12	-272.7	-664.2	-391.0	102.1	102.3	0.0	0.0	99.7	87.5
2000	17	-229.0	-633.5	-310.2	102.1	102.7	94.0	96.0	99.8	128.7
2001	12	-246.5	-631.8	-391.5	103.5	103.1	94.0	98.0	100.5	105.2
2003	13	-223.9	-639.2	-256.2	103.6	102.8	0.0	0.0	99.1	102.6

Tabel: 174 Lakenvelder - zwartbont: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1997	21	102.5	98.2	102.5	98.2	94.3	100.2
1998	25	102.9	97.8	102.9	97.8	94.6	99.9
1999	36	103.8	97.1	103.8	97.1	94.9	99.6
2000	47	103.2	95.2	103.2	95.2	94.9	97.7
2001	66	103.3	80.4	103.3	80.4	94.7	82.0
2002	62	103.1	91.5	103.1	91.5	94.8	93.5
2003	46	102.9	92.6	102.9	92.6	94.4	95.0
2004	54	102.0	93.4	102.0	93.4	93.6	95.5
2005	76	102.2	97.1	102.2	97.1	93.9	99.3
2006	51	102.2	97.6	102.2	97.6	93.8	99.6
2007	32	102.3	98.3	102.3	98.3	94.0	100.1
2008	38	103.2	98.1	103.2	98.1	94.4	100.0
2009	34	102.9	98.2	102.9	98.2	94.4	100.0
2010	29	103.3	97.9	103.3	97.9	94.7	100.0
2011	34	102.9	95.6	102.9	95.6	94.6	97.3

2012	37	103.3	98.4	103.3	98.4	94.9	100.3
2013	38	103.6	98.0	103.6	98.0	95.1	99.9
2014	27	104.3	98.1	104.3	98.1	95.6	100.0
2015	28	103.7	97.9	103.7	97.9	95.0	100.0
2016	24	105.5	98.0	105.5	98.0	96.2	100.0
2017	16	105.2	98.2	105.2	98.2	96.8	100.3
2018	26	103.8	98.2	103.8	98.2	95.4	100.0
2019	18	103.7	98.3	103.7	98.3	95.8	100.1
2020	14	103.2	84.3	103.2	84.3	95.4	85.9
2021	19	102.8	98.4	102.8	98.4	95.2	100.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1991	10	99.7	103.8	99.2	0.0	0.0	0.0
1993	13	99.4	103.5	99.6	0.0	0.0	0.0
1995	15	99.5	103.1	99.7	6.6	6.5	6.0
1996	17	99.5	104.3	99.6	6.0	5.5	5.3
1997	26	100.0	104.2	98.6	19.6	18.6	17.6
1998	19	100.6	103.1	97.6	37.3	35.3	32.8
1999	33	98.9	104.8	99.8	36.4	34.6	32.9
2000	46	99.6	104.7	99.0	73.6	71.2	67.1
2001	37	99.7	104.5	98.9	67.1	64.9	60.8
2002	41	99.2	103.7	99.6	70.2	68.0	63.1
2003	37	99.5	103.7	99.1	56.6	54.5	51.6
2004	30	100.6	104.6	98.0	67.0	64.4	62.3
2005	45	101.4	103.4	96.8	86.4	83.2	79.2
2006	33	100.1	103.2	98.2	72.5	69.8	65.7
2007	32	101.2	104.4	97.1	84.7	81.6	77.6
2008	50	100.7	104.3	97.5	84.0	81.1	77.8
2009	35	101.8	104.1	96.3	74.2	71.7	68.7
2010	35	100.6	105.2	97.7	74.1	71.6	68.9
2011	42	102.1	103.6	95.9	57.6	54.5	52.5
2012	32	101.5	105.2	96.7	87.2	84.3	81.2
2013	31	103.1	103.8	94.9	90.4	87.1	83.8
2014	24	100.7	104.8	97.6	94.9	92.3	87.7
2015	27	101.2	103.2	97.1	92.0	88.7	83.9
2016	18	102.0	105.2	96.4	94.0	90.6	87.8
2017	12	100.0	107.7	98.6	81.8	81.1	78.4
2018	22	101.7	103.1	96.5	82.2	77.9	74.6
2019	21	101.1	105.1	97.1	61.2	59.9	58.1
2020	13	101.2	104.6	96.6	69.4	66.5	63.8
2021	11	102.5	102.9	95.1	82.0	78.2	73.3

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1990	20	96.0	109.5	91.7	98.8	101.6	97.5	96.2	95.5	104.3	95.6	91.6
1991	18	95.3	107.6	89.7	96.9	101.4	96.7	95.4	95.8	103.8	94.8	89.6
1992	29	93.4	105.2	92.1	97.0	97.2	98.7	94.2	95.9	100.4	96.3	88.8
1993	25	95.1	108.1	89.8	98.1	100.1	97.4	95.1	96.3	103.0	94.6	90.2

1994	27	94.7	106.9	91.1	96.9	100.1	97.7	94.9	95.7	102.6	96.0	89.0
1995	39	93.7	107.6	90.7	97.5	98.9	98.2	93.8	95.8	102.6	95.2	89.5
1996	58	95.3	109.0	90.7	97.4	102.0	96.8	95.4	95.1	104.6	94.4	90.4
1997	76	94.6	108.3	91.6	96.2	101.4	97.3	94.4	96.0	104.0	95.1	89.1
1998	76	95.2	108.9	90.0	97.0	101.9	96.9	94.9	95.6	104.4	94.4	89.6
1999	90	93.9	107.4	89.9	96.4	100.4	97.1	94.4	94.9	103.0	94.2	88.9
2000	98	94.7	109.1	90.2	96.2	101.9	96.8	94.3	95.8	104.5	94.3	89.0
2001	78	95.0	109.0	90.1	95.9	102.7	96.4	94.6	95.6	104.9	94.0	88.8
2002	101	94.3	108.1	89.3	95.9	101.6	96.6	94.4	94.9	104.0	93.8	88.5
2003	89	94.5	108.9	90.3	96.2	102.0	97.5	94.2	95.5	104.7	94.6	89.0
2004	52	94.8	109.4	89.5	96.4	102.7	96.8	94.8	94.8	105.2	94.1	89.3
2005	66	94.3	109.7	88.8	96.1	102.8	96.7	94.2	94.3	105.3	93.6	88.9
2006	38	94.4	108.9	88.9	95.9	102.5	96.7	94.3	94.5	104.9	93.6	88.8
2007	19	94.6	108.8	89.4	96.3	102.3	96.6	94.9	94.2	104.6	93.6	89.4
2008	27	93.7	108.7	89.5	95.8	101.3	96.9	93.3	95.5	104.7	93.3	88.7
2009	19	93.5	108.2	89.5	95.5	101.0	97.1	93.2	95.2	104.3	93.4	88.4
2010	11	92.9	108.7	90.3	95.0	101.3	97.2	92.8	94.2	104.8	93.3	88.4

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1997	33	102.4	100.0	101.7
1998	27	102.7	100.3	101.9
1999	43	102.6	100.2	101.8
2000	71	102.3	100.1	101.5
2001	70	102.4	100.2	101.5
2002	67	102.1	99.8	101.4
2003	58	102.0	99.7	101.4
2004	63	102.1	99.7	101.3
2005	104	102.1	99.7	101.5
2006	62	102.1	99.7	101.4
2007	38	102.6	100.2	101.8
2008	47	102.6	100.3	101.9
2009	41	102.5	100.0	102.0
2010	32	102.5	100.1	102.0
2011	36	102.4	99.8	101.7
2012	36	102.3	99.9	102.0
2013	36	102.2	99.9	102.0
2014	33	102.5	100.4	101.8
2015	27	102.6	100.4	101.8
2016	27	103.7	101.4	102.1
2017	18	104.3	102.0	101.7
2018	28	103.5	101.2	102.0
2019	21	103.9	101.7	101.9
2020	13	104.0	101.8	102.0
2021	22	104.0	101.7	102.0

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	12	-4326.8	-16337.2	-733.3	-623.0

2003 11 -4038.5 -15567.5 -690.2 -574.1

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1990	10	98.5	97.4	10	-3.5	65.1	0	0.0
1991	13	99.0	100.1	13	-5.3	104.1	0	0.0
1992	12	99.5	100.2	12	-5.4	128.7	0	0.0
1994	14	101.1	100.6	14	-5.7	127.5	0	0.0
1995	13	98.2	98.3	13	-5.4	89.0	0	0.0
1996	13	98.9	99.8	15	-4.9	75.1	0	0.0
1997	27	99.1	99.3	31	-5.4	84.0	0	0.0
1998	12	97.0	97.0	12	-5.8	87.5	0	0.0
2000	17	99.2	99.9	19	-6.0	128.7	0	0.0
2001	12	98.8	99.0	12	-5.7	105.2	2	89.0
2002	0	101.6	102.1	11	-5.4	106.8	0	0.0
2003	13	100.3	102.7	13	-5.8	102.6	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1988	11	-1292.8	-63.2	-60.9	-65.7	-11.7	-25.6	-12.4	-402.1
1989	10	-1283.9	-63.0	-57.6	-65.4	-12.0	-19.6	-12.4	-388.3
1990	11	-1425.1	-69.9	-62.8	-71.7	-14.2	-20.5	-12.4	-426.0
1992	15	-1961.3	-97.4	-81.4	-96.5	-23.3	-20.3	-13.9	-567.4
1994	14	-1830.4	-91.5	-78.1	-90.4	-22.9	-23.7	-13.4	-539.8
1996	11	-2280.5	-112.4	-94.0	-111.1	-27.3	-25.0	-15.0	-654.5
1997	19	-2295.1	-107.4	-92.6	-111.6	-11.3	-19.1	-14.6	-638.7
1998	24	-1808.0	-86.9	-79.0	-89.3	-13.5	-26.0	-13.3	-533.3
1999	13	-2082.8	-101.2	-82.7	-101.7	-20.6	-12.9	-13.5	-582.2
2000	26	-2225.0	-113.2	-94.2	-106.4	-34.0	-28.5	-9.3	-655.6
2001	10	-2000.3	-100.9	-83.8	-93.6	-27.2	-22.6	-1.2	-583.4
2002	14	-2006.2	-107.8	-86.8	-95.9	-43.2	-29.5	-8.0	-610.9
2013	10	-2212.3	-122.3	-93.8	-103.0	-57.4	-28.8	-3.1	-672.2

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1988	14	99.4	103.7	99.1	101.2	99.3	95.8	94.8	100.6
1989	18	99.9	105.2	100.8	102.7	100.4	96.1	94.9	102.3
1990	30	99.7	104.9	100.7	102.5	100.1	95.9	93.9	102.2
1991	27	99.9	105.7	101.3	103.4	100.9	96.1	95.1	102.9
1992	40	100.5	105.7	101.5	103.5	101.1	96.2	94.0	103.0
1993	40	100.3	105.7	101.5	103.6	101.1	96.2	94.6	103.1
1994	53	100.1	105.3	101.2	103.1	100.7	96.2	93.8	102.6

1995	52	100.0	105.8	101.4	103.5	100.9	96.1	93.9	103.0
1996	68	100.1	105.9	101.5	103.6	100.9	96.1	94.0	103.1
1997	94	100.2	105.8	101.6	103.6	100.9	96.2	94.7	103.1
1998	121	100.5	105.6	101.8	103.5	101.3	96.4	93.8	103.2
1999	126	100.1	105.7	101.4	103.4	101.0	95.8	93.2	103.0
2000	163	99.6	106.2	101.2	103.6	100.6	95.3	93.8	102.9
2001	156	99.9	106.0	101.4	103.6	100.9	95.4	93.0	103.0
2002	156	99.7	105.8	101.0	103.2	100.5	94.9	92.1	102.7
2003	150	99.4	106.4	101.4	103.6	100.6	95.2	93.1	103.2
2004	155	99.8	105.6	100.9	102.9	100.4	94.9	91.9	102.5
2005	132	99.8	105.7	101.2	103.1	100.6	95.1	92.4	102.8
2006	108	100.3	105.1	100.9	102.8	100.7	95.0	91.2	102.4
2007	59	100.2	105.4	101.1	103.1	100.8	95.3	92.3	102.6
2008	61	100.2	105.1	101.0	102.9	100.8	95.2	91.8	102.4
2009	64	100.0	105.6	101.2	103.1	100.9	95.0	92.1	102.8
2010	65	100.3	105.2	101.2	102.9	101.0	95.1	91.6	102.7
2011	51	100.6	104.5	100.9	102.5	100.9	95.5	91.1	102.1
2012	57	100.2	104.9	100.8	102.5	100.6	94.9	90.4	102.2
2013	46	100.2	105.2	101.0	102.9	100.8	94.9	91.0	102.5
2014	45	99.7	105.2	100.8	102.7	100.4	94.5	91.0	102.3
2015	36	99.2	105.8	100.9	102.8	100.2	94.0	90.4	102.4
2016	29	99.9	105.6	101.1	103.0	100.7	94.7	91.6	102.6
2017	37	99.6	105.8	101.1	103.2	100.6	94.4	91.6	102.8
2018	23	100.0	105.1	101.1	102.7	100.6	94.2	90.6	102.5

Tabel: 182 Lakenvelder - roodbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1988	11	-138.1	-402.1	-171.6	105.4	100.6	93.0	98.0	95.7	63.5
1989	10	-132.0	-388.3	-290.8	103.7	102.3	0.0	0.0	96.0	45.5
1990	11	-137.2	-426.0	-242.9	103.3	102.2	0.0	0.0	97.3	56.7
1992	15	-186.3	-567.4	-248.3	104.7	103.0	95.0	98.0	98.5	96.8
1994	14	-186.5	-539.8	-214.3	104.2	102.6	98.0	97.0	97.1	136.0
1996	11	-242.5	-654.5	-373.5	103.5	103.1	94.0	96.0	98.8	135.4
1997	19	-225.7	-638.7	-533.0	103.5	103.1	0.0	0.0	98.8	110.2
1998	24	-196.2	-533.3	-334.6	102.0	103.2	96.0	98.0	99.6	75.0
1999	13	-228.5	-582.2	-331.8	103.2	103.0	0.0	0.0	99.6	85.5
2000	26	-224.0	-655.6	-333.9	103.3	102.9	0.0	0.0	98.9	126.2
2001	10	-185.8	-583.4	-107.6	103.3	103.0	0.0	0.0	99.3	105.1
2002	14	-203.5	-610.9	-319.8	104.0	102.7	0.0	0.0	99.7	143.0
2013	10	-244.2	-672.2	-555.6	102.6	102.5	92.0	97.0	100.6	125.3

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1995	15	102.0	97.4	102.0	97.4	93.7	99.7
1996	30	102.0	97.4	102.0	97.4	93.8	99.9
1997	37	101.6	97.9	101.6	97.9	93.8	100.1
1998	63	101.9	98.4	101.9	98.4	94.1	100.4
1999	58	102.2	97.7	102.2	97.7	94.1	100.1
2000	86	102.5	96.6	102.5	96.6	94.0	99.6

2001	73	102.3	93.3	102.3	93.3	93.9	95.8
2002	87	102.4	95.4	102.4	95.4	94.0	97.7
2003	115	102.2	97.1	102.2	97.1	93.9	99.7
2004	113	102.8	98.0	102.8	98.0	94.6	100.3
2005	104	102.6	97.8	102.6	97.8	94.5	100.2
2006	87	102.6	97.9	102.6	97.9	94.4	100.2
2007	43	102.4	97.5	102.4	97.5	94.2	100.1
2008	46	102.8	98.2	102.8	98.2	94.5	100.5
2009	43	102.6	97.8	102.6	97.8	94.5	100.2
2010	50	102.7	98.0	102.7	98.0	94.6	100.3
2011	41	103.0	98.1	103.0	98.1	94.9	100.3
2012	38	103.1	98.3	103.1	98.3	94.7	100.5
2013	37	103.0	98.2	103.0	98.2	94.6	100.4
2014	39	104.3	98.1	104.3	98.1	95.8	100.3
2015	30	105.8	94.9	105.8	94.9	97.0	97.3
2016	25	106.1	98.4	106.1	98.4	97.4	100.8
2017	23	105.9	98.2	105.9	98.2	97.1	100.7
2018	20	105.3	98.0	105.3	98.0	96.8	100.5
2020	15	105.7	91.4	105.7	91.4	96.7	93.9
2021	13	105.2	90.8	105.2	90.8	96.5	93.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1992	14	99.2	104.1	99.4	21.3	20.6	19.6
1993	14	98.6	104.8	100.3	7.1	6.9	6.6
1994	10	99.7	104.7	99.2	0.0	0.0	0.0
1995	14	100.2	104.4	98.6	28.9	27.4	26.5
1996	31	100.6	103.3	97.9	16.4	15.4	14.5
1997	31	99.3	104.6	99.3	32.6	30.7	29.0
1998	39	100.9	103.4	97.5	36.3	34.6	32.5
1999	34	99.5	104.2	99.4	41.2	39.4	38.0
2000	50	98.7	103.8	99.8	88.2	83.7	80.1
2001	53	99.0	103.6	99.5	83.5	79.3	75.0
2002	44	99.5	103.8	98.8	86.9	82.6	77.4
2003	60	99.7	103.7	98.6	88.6	84.7	79.2
2004	49	100.3	104.1	97.9	87.7	84.5	79.3
2005	60	100.8	103.9	97.3	85.2	81.6	77.0
2006	40	101.2	103.6	96.7	92.7	88.8	82.9
2007	45	100.8	102.9	97.1	93.6	89.2	83.3
2008	48	101.5	103.5	96.5	98.1	94.4	87.5
2009	49	101.3	103.3	96.7	79.7	76.5	71.2
2010	56	101.6	103.1	96.3	87.7	84.0	78.0
2011	42	101.5	102.6	96.3	88.4	84.3	78.6
2012	42	102.6	102.7	95.1	86.1	82.3	75.9
2013	40	101.3	102.7	96.5	80.2	76.9	71.3
2014	31	100.9	104.2	97.3	90.3	87.0	81.8
2015	20	101.2	106.2	97.0	94.2	91.7	88.8
2016	24	101.8	105.2	96.2	87.4	84.1	81.4
2017	24	100.3	104.2	98.2	78.6	76.0	72.3
2018	22	102.0	103.8	96.1	72.6	69.8	66.1
2020	14	100.5	103.7	97.8	70.9	69.0	66.4
2021	13	101.4	104.0	96.8	69.2	66.5	63.4

Tabel: 185 Lakenvelder - roodbont: Vleeskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1989	10	96.8	111.6	91.6	99.5	103.0	97.3	96.7	95.3	106.0	95.1	92.4
1990	21	96.0	110.9	91.7	98.6	102.8	97.0	95.8	95.4	105.5	94.8	91.7
1991	15	96.7	112.5	93.1	99.9	103.2	98.3	96.2	95.7	106.7	96.1	92.9
1992	29	96.4	110.9	91.8	98.5	103.0	97.5	96.1	95.7	105.8	95.5	91.6
1993	24	96.8	111.9	90.6	99.1	104.1	97.1	96.4	95.7	106.6	95.0	91.8
1994	42	95.8	110.0	91.8	97.8	102.8	97.3	95.6	95.4	105.2	95.6	90.7
1995	33	96.5	111.1	91.1	98.2	104.1	96.9	96.1	95.3	106.5	94.9	91.5
1996	47	97.0	112.0	89.7	99.1	104.4	96.2	96.8	95.6	106.7	94.2	92.0
1997	60	96.8	111.4	91.0	98.5	103.8	96.7	96.2	96.2	106.2	94.7	91.5
1998	84	96.8	110.2	90.2	97.7	104.0	96.1	96.4	96.0	105.8	94.2	90.8
1999	83	96.8	111.6	89.7	98.0	104.5	96.3	96.4	95.5	106.7	94.2	91.2
2000	110	96.3	111.3	90.0	97.1	104.6	96.5	95.7	95.5	106.8	94.4	90.5
2001	100	97.2	111.5	89.7	97.2	105.7	96.0	96.4	95.6	107.4	94.0	91.1
2002	103	97.3	111.5	89.7	97.2	106.1	96.0	96.8	95.0	107.8	93.9	91.3
2003	105	97.5	112.4	88.9	97.4	106.6	95.9	96.8	94.9	108.4	93.6	91.5
2004	107	97.2	111.2	88.3	96.7	106.2	95.1	96.6	95.0	107.7	92.3	91.1
2005	86	97.0	111.6	88.3	97.3	105.7	95.7	96.5	94.9	107.5	92.9	91.2
2006	58	96.6	111.3	88.5	96.8	106.0	95.6	96.2	94.4	107.8	92.8	90.7
2007	27	96.9	112.6	88.0	98.1	106.0	96.3	96.6	93.9	108.2	93.0	92.1
2008	30	96.7	110.5	88.3	96.6	105.6	95.6	96.3	94.4	107.3	92.5	91.1
2009	19	97.2	110.9	87.7	97.1	105.8	95.1	96.8	94.7	107.5	91.8	91.6
2010	32	96.5	111.0	87.9	97.1	105.5	95.2	96.3	94.1	107.4	91.7	91.4

Tabel: 186 Lakenvelder - roodbont: Kalvervitaliteit

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	13	100.9	98.8	101.4
1993	11	100.9	98.4	101.5
1994	12	101.0	98.8	101.6
1995	23	101.0	98.7	101.7
1996	37	101.1	98.9	101.6
1997	60	101.4	99.2	101.8
1998	83	101.5	99.3	101.8
1999	93	101.8	99.5	101.6
2000	116	101.8	99.6	101.4
2001	114	101.7	99.4	101.5
2002	119	101.6	99.4	101.5
2003	158	101.6	99.3	101.4
2004	161	101.6	99.4	101.4
2005	136	101.7	99.4	101.4
2006	125	101.8	99.5	101.5
2007	61	101.4	99.1	101.6
2008	63	101.5	99.3	101.6
2009	54	101.4	99.2	101.5
2010	66	101.4	99.1	101.6
2011	52	101.4	99.1	101.8
2012	53	101.5	99.3	101.7
2013	42	101.7	99.6	101.7
2014	40	102.9	100.6	101.6
2015	39	104.2	101.7	101.5

2016	36	104.0	101.6	101.5
2017	33	103.9	101.5	101.5
2018	29	104.1	101.9	101.3
2019	10	104.1	101.8	101.3
2020	19	103.3	101.1	101.8
2021	19	104.2	101.9	101.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	12	-2877.8	-10376.3	-496.6	-412.2

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1988	10	99.0	97.9	11	-3.6	63.5	0	0.0
1989	0	99.3	97.4	10	-3.2	45.5	0	0.0
1990	11	99.3	97.7	11	-3.7	56.7	0	0.0
1992	15	100.0	100.0	15	-5.3	96.8	0	0.0
1994	14	99.4	100.4	14	-5.8	136.0	0	0.0
1996	11	99.6	100.2	11	-6.5	135.4	0	0.0
1997	19	98.4	99.4	19	-6.0	110.2	0	0.0
1998	24	99.8	99.5	26	-4.5	75.0	0	0.0
1999	13	98.2	99.7	13	-5.3	85.5	0	0.0
2000	26	97.6	99.0	26	-6.4	126.2	0	0.0
2001	10	101.3	99.3	10	-5.5	105.1	0	0.0
2002	14	99.4	100.6	14	-6.4	143.0	0	0.0
2013	10	102.2	101.3	10	-6.5	125.3	1	98.0

Tabel: 189 Blaarkop - zwartbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	71	-1480.5	-63.9	-60.7	-74.3	4.2	-12.3	-12.5	-405.6
1981	76	-1559.3	-66.3	-62.4	-77.9	6.2	-9.9	-12.6	-418.4
1982	103	-1651.4	-67.1	-62.9	-82.1	13.0	-4.3	-12.8	-423.3
1983	123	-1634.2	-69.7	-63.7	-81.3	6.1	-7.1	-12.7	-431.9
1984	161	-1645.4	-69.1	-64.4	-81.8	8.9	-7.7	-12.7	-433.8
1985	170	-1637.5	-68.9	-63.6	-81.5	8.2	-6.5	-12.8	-430.1
1986	128	-1613.1	-67.7	-62.7	-80.4	8.4	-6.2	-12.8	-423.4
1987	112	-1682.2	-68.8	-64.5	-83.5	12.2	-5.1	-12.8	-434.2
1988	104	-1735.9	-70.5	-65.8	-86.0	14.1	-3.4	-13.0	-443.5
1989	105	-1608.7	-63.2	-61.0	-80.2	17.6	-3.1	-12.8	-406.9
1990	95	-1687.0	-70.0	-63.9	-83.7	10.1	-3.5	-12.8	-434.3
1991	79	-1766.8	-79.0	-67.6	-87.4	-1.9	-5.1	-13.2	-469.4
1992	73	-1547.8	-65.9	-61.2	-77.4	5.6	-8.0	-12.7	-412.4
1993	88	-1472.9	-61.9	-58.2	-74.0	7.9	-6.9	-12.7	-391.0

1994	69	-1372.0	-55.8	-55.5	-69.3	11.1	-9.0	-12.4	-365.7
1995	69	-1293.3	-54.3	-51.8	-65.7	6.6	-7.5	-12.2	-346.3
1996	68	-1373.3	-58.1	-54.3	-69.4	6.2	-6.8	-12.4	-365.5
1997	54	-1109.4	-48.1	-45.8	-57.4	2.5	-8.8	-12.0	-305.9
1998	61	-959.9	-43.6	-41.6	-50.5	-1.2	-10.9	-11.6	-277.4
1999	72	-1123.6	-47.5	-45.5	-58.0	4.9	-7.3	-11.9	-304.0
2000	53	-1233.2	-52.0	-47.2	-62.7	5.7	-2.9	-11.4	-321.5
2001	68	-1161.0	-47.8	-45.9	-57.3	7.5	-5.5	-7.5	-305.8
2002	58	-1010.4	-45.5	-42.6	-48.4	-0.8	-9.7	-3.6	-285.1
2003	69	-1093.2	-45.6	-44.7	-53.5	6.6	-7.7	-5.7	-295.2
2004	80	-894.4	-39.8	-39.0	-45.7	0.4	-10.4	-8.1	-257.1
2005	85	-866.0	-39.7	-37.7	-45.2	-1.7	-9.9	-9.7	-251.5
2006	98	-898.8	-41.7	-40.0	-47.4	-2.5	-12.0	-10.7	-265.9
2007	80	-800.0	-38.8	-36.0	-41.2	-5.1	-11.1	-7.5	-241.6
2008	92	-781.2	-37.0	-35.3	-41.2	-3.1	-10.9	-9.0	-235.1
2009	123	-788.8	-38.1	-34.7	-42.0	-4.8	-9.4	-10.0	-234.6
2010	98	-770.1	-37.3	-34.3	-41.9	-5.0	-9.7	-11.3	-231.5
2011	113	-810.5	-38.9	-36.5	-43.1	-4.6	-11.4	-10.2	-244.5
2012	138	-831.4	-39.7	-35.7	-44.1	-4.3	-8.6	-10.3	-243.2
2013	95	-732.8	-34.8	-33.5	-39.8	-3.0	-10.8	-10.3	-222.4
2014	126	-823.8	-38.6	-36.0	-43.8	-2.8	-9.5	-10.4	-241.7
2015	128	-745.5	-34.5	-32.9	-40.2	-1.8	-8.9	-10.3	-219.3
2016	115	-744.5	-35.3	-32.4	-40.0	-3.2	-8.2	-10.0	-219.0
2017	112	-763.0	-34.8	-33.0	-41.2	-1.3	-8.3	-10.8	-220.8
2018	104	-745.3	-33.6	-33.1	-40.3	-0.1	-9.5	-10.6	-218.5
2019	84	-576.5	-27.6	-28.1	-33.7	-3.2	-11.5	-12.3	-183.5

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

Tabel: 190 Blaarkop - zwartbont: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	759	89.3	92.4	91.4	91.2	104.0	93.1	98.4
1981	777	89.4	92.3	91.2	91.0	104.2	93.0	98.5
1982	601	89.7	92.0	91.5	91.6	103.3	93.2	97.9
1983	368	89.6	91.5	91.0	91.4	103.2	92.6	97.3
1984	252	89.3	92.1	90.5	90.8	104.2	92.7	97.3
1985	150	89.6	91.8	90.9	91.2	103.8	92.7	97.5
1986	76	89.9	92.6	91.0	91.0	104.4	92.6	98.2
1987	42	90.8	92.4	91.5	92.1	103.3	92.6	98.0
1988	43	90.8	92.6	91.6	92.0	103.4	92.9	98.4
1989	37	90.6	91.9	91.8	93.0	102.1	92.6	98.2
1990	32	90.6	91.6	90.8	91.9	102.8	92.8	98.2
1991	21	91.0	91.6	91.5	92.1	103.2	92.6	97.3
1992	31	91.6	93.1	92.4	92.5	103.6	92.8	98.8
1993	32	92.2	91.2	92.0	93.4	101.9	92.8	98.0
1994	23	91.0	91.6	91.6	93.0	102.0	92.0	97.3
1995	26	92.3	92.4	92.5	93.1	102.9	93.0	98.6
1996	20	92.0	93.0	93.5	94.0	102.8	91.8	98.1
1997	18	92.1	94.3	93.7	93.6	103.3	92.1	99.9
1998	16	92.2	93.2	92.3	92.8	103.9	92.9	97.2
1999	23	92.3	92.5	92.1	92.9	103.1	92.9	99.3
2000	18	93.3	92.6	93.1	93.6	102.9	93.1	97.3
2001	25	92.6	93.5	92.6	92.9	103.9	92.0	97.6
2002	19	92.5	93.7	93.6	93.4	103.1	92.0	98.9
2003	22	92.6	93.1	93.2	93.1	103.2	92.9	97.8
2004	24	92.2	92.8	93.2	93.5	102.7	92.1	98.6

2005	30	91.9	93.2	93.4	93.1	102.9	92.4	98.2
2006	29	92.7	93.1	93.9	94.0	101.8	92.5	99.5
2007	38	92.2	93.2	93.2	93.3	102.9	92.7	99.1
2008	31	92.1	93.0	92.9	93.0	103.1	93.3	98.6
2009	39	91.8	93.7	92.9	92.8	103.8	92.9	99.3
2010	37	91.5	92.7	91.9	92.0	103.1	93.5	100.4
2011	35	92.6	94.2	93.1	92.6	104.5	93.1	99.1
2012	39	93.1	94.1	93.5	93.0	103.9	91.7	101.2
2013	33	92.2	94.1	93.3	93.3	103.6	92.0	100.5
2014	43	92.6	93.8	93.0	92.9	104.0	92.6	99.6
2015	32	93.9	95.8	94.3	93.9	104.4	92.4	101.6
2016	36	95.2	94.4	95.6	95.8	102.5	93.1	101.1
2017	39	93.9	93.6	94.4	94.5	102.5	92.6	100.6
2018	27	93.4	93.4	93.0	93.6	103.3	92.2	99.8
2019	26	94.4	94.2	94.5	94.7	102.9	93.7	100.5

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	759	95.5	97.2	100.0	89.1	94.4
1981	777	95.3	96.7	100.7	89.0	94.2
1982	601	95.7	97.0	100.1	89.3	94.5
1983	368	95.9	97.1	100.3	89.5	94.8
1984	252	96.0	96.9	100.5	89.7	94.7
1985	150	96.5	96.7	100.4	89.7	95.2
1986	76	96.7	96.7	100.7	90.0	95.1
1987	42	97.0	96.8	100.7	90.3	95.1
1988	43	97.1	96.4	101.0	90.5	95.4
1989	37	97.6	97.5	100.4	91.2	95.9
1990	32	98.2	97.0	100.6	91.2	96.0
1991	21	98.1	95.9	100.6	91.9	96.6
1992	31	98.2	96.2	101.2	91.9	96.5
1993	32	98.5	95.8	101.4	92.1	96.7
1994	23	98.3	96.4	101.8	92.4	96.4
1995	26	98.7	96.2	100.9	92.3	96.7
1996	20	99.7	96.8	101.5	93.4	98.2
1997	18	100.1	96.7	102.1	93.3	98.2
1998	16	100.1	97.5	100.8	93.4	98.5
1999	23	100.2	97.2	101.2	93.8	98.3
2000	18	100.2	97.4	101.2	93.6	98.4
2001	25	99.7	96.3	100.7	93.0	98.0
2002	19	101.5	96.5	102.2	94.5	99.2
2003	22	101.3	95.4	102.0	94.2	99.2
2004	24	100.2	95.9	101.8	93.6	98.1
2005	30	100.2	97.4	100.8	94.0	98.2
2006	29	99.6	97.1	101.0	93.5	97.5
2007	38	100.3	96.4	101.5	94.0	98.5
2008	31	100.3	96.9	101.3	93.8	98.9
2009	39	101.0	97.1	101.3	94.5	99.9
2010	37	100.4	96.1	101.1	93.9	98.8
2011	35	100.9	95.5	101.9	94.2	99.3
2012	39	101.1	96.2	101.7	94.8	99.5
2013	33	101.8	96.7	101.2	94.8	100.3
2014	43	101.1	96.0	101.6	94.5	99.9
2015	32	101.5	96.5	101.7	95.2	100.2
2016	36	100.9	97.2	101.3	94.9	99.9

2017	39	100.8	96.5	101.5	93.9	99.5
2018	27	101.0	96.9	101.2	94.4	99.8
2019	26	101.0	96.7	101.5	95.2	100.0

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	759	99.5	91.3	103.7	99.4	92.9	96.9	93.1
1981	777	100.0	91.5	103.7	99.7	92.8	96.9	93.1
1982	601	100.4	92.1	103.2	100.2	93.8	97.3	93.8
1983	368	99.8	91.6	102.9	99.6	93.0	97.0	93.4
1984	252	99.8	91.4	103.1	99.7	92.8	97.2	93.5
1985	150	99.5	91.9	103.1	99.4	92.4	97.0	93.5
1986	76	99.7	92.1	103.2	99.3	92.8	96.8	93.4
1987	42	99.9	91.6	104.0	99.5	93.0	96.1	92.8
1988	43	100.4	92.6	103.3	99.9	94.0	96.9	93.5
1989	37	99.4	93.0	102.9	99.0	93.3	96.5	93.7
1990	32	99.7	92.4	103.6	99.2	92.3	96.1	93.1
1991	21	101.6	93.5	104.5	100.8	93.4	98.2	94.9
1992	31	101.9	93.8	103.6	100.7	93.2	97.3	94.4
1993	32	100.9	93.8	102.0	100.3	93.1	97.2	94.1
1994	23	100.3	94.3	102.7	100.2	92.7	97.1	94.4
1995	26	101.3	94.1	102.6	100.6	93.0	97.0	94.2
1996	20	101.3	95.0	102.8	100.0	93.0	97.2	94.5
1997	18	100.9	93.7	102.8	100.3	93.7	96.5	93.6
1998	16	100.9	95.3	102.6	100.8	92.6	97.5	95.1
1999	23	101.4	94.6	103.7	100.5	92.6	96.8	94.7
2000	18	102.4	95.2	100.6	101.4	92.8	96.6	94.2
2001	25	101.5	94.2	103.5	100.9	92.6	97.2	94.3
2002	19	100.9	95.7	102.1	99.9	93.5	96.6	94.4
2003	22	101.6	95.9	101.6	101.1	93.2	97.2	95.0
2004	24	100.4	94.0	102.3	100.0	93.3	96.0	93.4
2005	30	100.2	94.2	103.0	99.3	92.7	96.0	93.8
2006	29	99.3	94.3	104.3	98.5	93.0	96.1	93.4
2007	38	101.0	94.6	102.8	100.4	93.2	96.2	93.9
2008	31	100.3	94.1	103.0	99.7	93.0	96.3	93.7
2009	39	101.0	94.4	102.8	100.2	93.0	96.4	93.7
2010	37	100.8	94.6	103.9	99.8	92.1	96.5	93.8
2011	35	101.6	95.4	103.0	100.6	92.9	97.3	95.0
2012	39	102.2	95.6	104.0	100.8	93.1	97.0	94.5
2013	33	102.1	95.5	104.2	100.6	93.2	96.3	93.8
2014	43	102.0	95.5	103.6	101.3	93.5	97.7	95.3
2015	32	101.6	96.8	103.1	101.2	93.7	97.9	95.8
2016	36	102.1	95.9	104.5	100.9	94.4	97.3	94.8
2017	39	102.1	96.0	103.5	101.1	93.9	97.7	95.1
2018	27	102.6	95.7	102.6	101.9	94.1	97.8	95.4
2019	26	102.9	96.5	104.0	101.7	94.3	97.6	95.2

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

Jaar	Aantal	F	T	U	B	Bs	Ext
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1980	759	86.8	94.5	92.6	93.3	103.5	90.6
1981	777	86.7	94.7	92.9	93.0	104.0	90.7
1982	601	86.6	94.0	94.0	93.4	103.2	91.1
1983	368	85.6	93.3	93.0	93.7	102.5	90.2
1984	252	85.6	93.6	93.0	93.7	102.9	90.4
1985	150	85.8	93.6	92.7	94.2	102.8	90.5
1986	76	86.6	94.4	92.9	94.2	103.0	90.9
1987	42	86.9	93.7	92.5	94.3	101.6	90.5
1988	43	87.3	94.0	93.8	94.4	102.0	91.3
1989	37	87.0	92.7	92.9	95.2	100.4	90.6
1990	32	86.3	92.7	92.4	95.3	100.7	90.3
1991	21	86.3	93.1	95.1	95.6	101.1	91.9
1992	31	88.3	94.7	94.9	95.7	102.0	92.7
1993	32	87.1	92.8	94.4	95.9	99.7	91.5
1994	23	86.0	92.4	94.1	95.7	99.2	90.8
1995	26	88.2	93.9	94.5	96.1	100.8	92.4
1996	20	88.0	94.6	94.7	97.5	100.3	93.0
1997	18	89.6	95.9	94.2	98.0	101.4	93.9
1998	16	87.7	93.8	94.9	98.1	100.9	93.2
1999	23	88.3	93.9	94.5	98.0	100.6	93.2
2000	18	88.2	93.7	95.3	98.2	100.4	93.5
2001	25	87.9	94.6	94.6	97.4	101.1	93.1
2002	19	88.9	94.9	94.7	99.2	100.7	94.1
2003	22	88.4	94.0	95.6	98.8	100.5	94.0
2004	24	88.2	94.0	93.6	97.5	100.1	92.4
2005	30	88.3	94.3	93.2	97.9	100.6	92.6
2006	29	89.4	94.8	92.7	96.9	100.2	92.1
2007	38	88.8	94.7	94.2	98.1	100.7	93.4
2008	31	88.5	94.2	93.5	98.5	100.6	93.0
2009	39	89.1	95.0	94.1	99.7	101.1	94.3
2010	37	88.8	94.2	93.6	98.2	100.9	93.2
2011	35	89.5	96.0	95.1	98.7	102.0	94.7
2012	39	90.3	96.2	95.2	99.0	101.7	95.0
2013	33	89.6	96.0	94.8	100.0	101.2	94.8
2014	43	89.3	95.6	95.8	99.3	101.4	95.1
2015	32	91.8	98.2	96.3	99.9	102.1	96.5
2016	36	92.2	96.8	95.9	99.6	100.6	95.9
2017	39	90.8	95.8	96.0	99.1	100.5	95.2
2018	27	89.5	94.8	96.7	99.4	100.5	95.3
2019	26	91.5	96.2	96.7	99.5	100.9	96.0

Tabel: 194 Blaarkop - zwartbont: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2029	103.2	102.8	102.5	103.1	103.6	101.4	92.5	102.9
1981	2012	103.4	102.7	102.4	103.0	103.6	101.5	92.3	102.8
1982	1581	103.7	102.8	102.8	103.3	103.9	101.5	92.1	103.1
1983	987	104.3	102.3	102.9	103.2	104.4	102.3	91.5	103.0
1984	704	104.0	102.4	102.6	103.1	104.1	101.8	92.2	102.8
1985	449	104.0	102.3	102.5	103.1	104.1	102.1	91.7	102.7
1986	315	104.0	101.8	102.4	102.6	104.0	101.8	91.6	102.5
1987	182	104.7	101.7	102.9	103.0	104.7	102.0	91.1	102.9
1988	153	104.1	101.6	102.3	102.5	103.9	101.2	91.3	102.2
1989	131	103.6	101.6	102.2	102.4	103.7	101.0	91.6	102.2
1990	121	104.2	101.6	102.6	102.5	104.1	101.3	91.0	102.5
1991	101	103.9	102.1	102.7	102.9	104.2	101.4	91.3	102.8

1992	102	103.9	101.7	102.5	102.5	104.1	101.6	91.5	102.5
1993	125	103.5	102.1	102.4	102.7	103.9	101.5	92.4	102.6
1994	88	103.9	102.2	102.9	103.2	104.7	102.0	92.2	103.1
1995	96	103.4	102.1	102.5	102.7	103.9	101.4	92.4	102.6
1996	107	102.9	101.8	101.9	102.1	103.1	101.0	93.4	102.1
1997	91	102.0	101.4	101.1	101.3	102.0	100.1	94.8	101.3
1998	82	102.1	101.5	101.1	101.5	102.3	99.9	93.7	101.3
1999	98	102.4	102.1	102.1	102.5	103.2	100.2	92.8	102.3
2000	82	101.9	101.9	101.6	101.9	102.6	100.0	93.4	101.9
2001	94	102.6	102.2	102.3	102.6	103.5	100.5	92.0	102.6
2002	76	103.1	101.2	101.8	102.0	103.4	101.3	92.9	101.8
2003	95	102.5	102.3	102.3	102.7	103.5	100.6	93.0	102.5
2004	108	102.8	101.9	102.2	102.5	103.5	100.7	93.2	102.4
2005	113	103.1	101.7	102.3	102.5	103.9	101.2	93.4	102.3
2006	140	103.5	101.6	102.6	102.7	104.3	101.5	93.2	102.6
2007	128	103.2	101.9	102.6	102.8	104.0	101.2	93.6	102.6
2008	130	103.2	101.8	102.5	102.7	104.0	101.4	93.6	102.5
2009	163	103.3	101.7	102.7	102.7	104.2	101.8	93.9	102.7
2010	143	103.1	101.7	102.4	102.5	103.7	101.6	94.8	102.3
2011	162	103.2	102.6	103.1	103.5	104.5	102.0	93.8	103.2
2012	201	103.5	102.6	103.5	103.6	104.9	102.1	94.2	103.6
2013	138	103.7	102.5	103.4	103.6	104.9	101.9	94.3	103.4
2014	183	103.6	103.1	103.8	104.1	105.2	102.1	94.1	103.9
2015	189	103.1	102.9	103.5	103.9	104.9	102.0	95.1	103.7
2016	181	103.3	102.3	103.4	103.5	104.9	102.1	95.3	103.5
2017	164	102.8	102.5	103.1	103.4	104.5	101.9	95.3	103.2
2018	163	103.0	102.5	103.3	103.5	104.7	102.1	95.5	103.4
2019	112	102.5	102.4	103.0	103.3	104.3	102.0	95.9	103.1
2020	22	102.6	102.6	103.0	103.5	104.4	102.1	96.2	103.2

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	23	99.0	62.6	92.9	100.4	101.5
1981	18	99.2	37.3	92.2	100.2	101.2
1982	27	100.7	57.6	91.1	99.6	100.4
1983	27	100.4	71.0	92.0	100.3	101.1
1984	24	100.1	63.6	92.2	100.4	100.9
1985	24	100.5	64.1	92.0	100.5	100.9
1986	16	100.3	84.2	91.2	99.9	99.9
1987	14	101.5	69.7	90.6	99.2	98.9
1988	13	101.8	83.0	90.4	99.1	99.4
1989	17	100.9	74.5	90.3	98.7	99.5
1990	15	101.1	97.7	90.6	98.9	99.4
1991	15	98.9	96.2	90.8	99.7	99.4
1992	29	100.1	94.0	91.2	99.4	99.4
1993	28	99.6	97.1	91.2	99.6	99.9
1994	23	100.8	96.5	90.7	98.8	99.9
1995	26	100.4	90.3	91.2	99.1	99.7
1996	20	98.8	97.2	91.0	99.7	100.1
1997	17	100.5	90.5	90.9	99.1	99.4
1998	16	98.6	78.7	91.6	99.2	100.1
1999	21	99.0	97.5	90.9	98.6	99.6
2000	18	100.1	97.3	90.8	98.9	99.4
2001	24	98.8	97.9	91.6	99.3	99.6
2002	17	99.2	96.9	90.3	97.6	97.7

2003	22	98.0	93.0	92.6	99.8	99.3
2004	23	99.2	93.8	91.3	98.4	98.6
2005	28	98.2	89.9	91.5	98.4	98.6
2006	27	98.6	98.1	90.9	97.9	97.9
2007	38	99.0	97.2	91.0	98.1	98.2
2008	30	98.9	95.5	91.1	97.8	98.2
2009	39	99.6	95.6	91.2	97.9	98.1
2010	37	99.6	97.3	91.6	98.1	98.3
2011	32	98.4	96.3	91.4	98.2	98.2
2012	36	99.9	97.4	91.6	98.1	98.5
2013	32	99.5	93.7	91.9	98.4	98.5
2014	40	99.2	96.6	91.7	98.2	98.4
2015	30	98.5	97.2	92.0	98.8	98.7
2016	31	100.3	97.2	91.6	98.4	98.2
2017	35	99.3	97.0	91.8	98.3	98.3
2018	22	99.9	97.6	92.3	98.8	98.8
2019	23	99.0	91.6	92.1	98.5	98.2

Tabel: 196 Blaarkop - zwartbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	71	-165.6	-405.6	-155.2	101.2	102.9	92.6	93.3	98.6	0.0
1981	76	-168.1	-418.4	-169.0	100.9	102.8	92.9	93.0	98.1	0.0
1982	103	-171.9	-423.3	-160.5	100.0	103.1	94.0	93.4	98.3	0.0
1983	123	-178.6	-431.9	-157.0	100.8	103.0	93.0	93.7	99.1	0.0
1984	161	-205.6	-433.8	-278.5	100.7	102.8	93.0	93.7	99.0	0.0
1985	170	-208.0	-430.1	-374.3	100.8	102.7	92.7	94.2	98.8	115.7
1986	128	-214.6	-423.4	-435.8	99.9	102.5	92.9	94.2	98.0	101.6
1987	112	-224.4	-434.2	-517.4	98.9	102.9	92.5	94.3	98.5	103.3
1988	104	-226.6	-443.5	-520.8	99.1	102.2	93.8	94.4	98.4	101.2
1989	105	-209.0	-406.9	-485.5	99.1	102.2	92.9	95.2	97.9	97.4
1990	95	-222.3	-434.3	-527.8	99.2	102.5	92.4	95.3	97.8	99.5
1991	79	-219.6	-469.4	-553.4	99.5	102.8	95.1	95.6	98.1	95.0
1992	73	-206.0	-412.4	-478.5	99.3	102.5	94.9	95.7	98.4	88.0
1993	88	-192.8	-391.0	-455.4	99.8	102.6	94.4	95.9	98.4	95.6
1994	69	-184.6	-365.7	-420.1	99.4	103.1	94.1	95.7	97.9	101.8
1995	69	-170.7	-346.3	-365.8	99.4	102.6	94.5	96.1	98.0	89.2
1996	68	-173.7	-365.5	-400.1	100.0	102.1	94.7	97.5	98.0	84.7
1997	54	-156.5	-305.9	-364.3	99.2	101.3	94.2	98.0	97.7	80.9
1998	61	-141.6	-277.4	-284.9	99.7	101.3	94.9	98.1	97.7	78.4
1999	72	-147.5	-304.0	-278.2	99.1	102.3	94.5	98.0	97.9	72.6
2000	53	-152.8	-321.5	-318.6	99.1	101.9	95.3	98.2	97.9	68.8
2001	68	-138.8	-305.8	-255.2	99.4	102.6	94.6	97.4	98.3	76.9
2002	58	-158.3	-285.1	-311.5	97.4	101.8	94.7	99.2	97.3	73.5
2003	69	-129.2	-295.2	-224.0	99.4	102.5	95.6	98.8	97.9	77.0
2004	80	-134.5	-257.1	-248.4	98.4	102.4	93.6	97.5	98.0	74.3
2005	85	-137.9	-251.5	-231.7	98.4	102.3	93.2	97.9	98.4	70.3
2006	98	-147.9	-265.9	-278.8	97.6	102.6	92.7	96.9	98.4	71.2
2007	80	-131.0	-241.6	-241.3	98.0	102.6	94.2	98.1	98.3	65.0
2008	92	-136.5	-235.1	-248.7	97.8	102.5	93.5	98.5	97.8	68.2
2009	123	-126.0	-234.6	-244.1	97.8	102.7	94.1	99.7	98.2	56.6
2010	98	-126.4	-231.5	-205.5	98.0	102.3	93.6	98.2	98.0	59.6
2011	113	-124.9	-244.5	-225.4	98.0	103.2	95.1	98.7	97.7	55.1
2012	138	-120.2	-243.2	-198.9	98.2	103.6	95.2	99.0	97.9	57.2
2013	95	-105.9	-222.4	-170.1	98.3	103.4	94.8	100.0	98.5	52.4
2014	126	-113.2	-241.7	-214.8	98.1	103.9	95.8	99.3	98.4	53.5

2015	128	-95.5	-219.3	-171.2	98.5	103.7	96.3	99.9	98.6	45.3
2016	115	-96.9	-219.0	-136.9	98.1	103.5	95.9	99.6	98.8	48.4
2017	112	-100.8	-220.8	-176.0	98.1	103.2	96.0	99.1	98.8	49.5
2018	104	-90.1	-218.5	-146.3	98.6	103.4	96.7	99.4	98.6	52.5
2019	84	-76.1	-183.5	-102.1	98.2	103.1	96.7	99.5	98.7	51.6

Tabel: 197 Blaarkop - zwartbont: Klauwgezondheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2002	10	94.8	98.1	95.7	97.7	98.1	95.5	98.0
2004	10	95.6	98.9	96.1	98.1	98.5	96.1	98.7
2005	14	96.4	98.7	97.6	98.6	98.3	96.5	98.2
2006	12	95.0	98.8	96.2	97.1	97.4	94.9	98.3
2007	13	97.7	100.2	97.2	99.3	100.2	97.8	99.8
2008	10	95.7	98.3	97.4	98.2	97.2	95.4	97.9
2009	18	98.9	100.4	98.9	99.9	99.4	98.5	99.7
2010	17	97.5	100.0	97.9	99.0	98.5	96.5	99.0
2011	12	97.8	99.8	97.8	99.0	99.8	97.8	100.1
2012	20	98.4	99.8	98.5	99.2	99.1	98.2	100.0
2013	12	97.4	99.2	97.7	98.8	99.0	97.8	99.5

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	25	99.0	97.6	99.0	97.6	91.0	100.1
1983	29	100.6	98.2	100.6	98.2	92.2	100.6
1984	28	100.9	98.3	100.9	98.3	92.6	100.5
1985	31	99.9	98.2	99.9	98.2	91.6	100.8
1986	35	98.9	97.1	98.9	97.1	90.6	99.7
1987	32	99.5	97.6	99.5	97.6	91.2	100.4
1988	35	99.5	97.2	99.5	97.2	91.1	100.1
1989	38	99.7	96.7	99.7	96.7	91.4	100.0
1990	48	100.2	96.9	100.2	96.9	91.6	100.4
1991	40	100.9	96.9	100.9	96.9	92.1	100.8
1992	59	101.3	97.3	101.3	97.3	92.6	100.9
1993	86	100.2	97.8	100.2	97.8	92.1	100.8
1994	104	100.5	97.2	100.5	97.2	92.3	100.3
1995	100	100.5	97.3	100.5	97.3	92.3	100.8
1996	106	100.5	97.4	100.5	97.4	92.6	100.5
1997	70	99.8	97.4	99.8	97.4	91.8	100.2
1998	78	99.9	97.3	99.9	97.3	92.3	99.9
1999	110	100.1	97.4	100.1	97.4	92.4	99.9
2000	98	100.6	97.3	100.6	97.3	92.8	99.7
2001	113	100.8	97.8	100.8	97.8	92.9	100.1
2002	86	99.8	97.1	99.8	97.1	91.7	99.1
2003	105	100.1	97.7	100.1	97.7	91.8	99.8
2004	133	100.5	97.5	100.5	97.5	92.4	100.2
2005	139	101.1	97.7	101.1	97.7	93.0	100.7
2006	171	100.9	97.8	100.9	97.8	92.8	100.6
2007	145	100.7	96.6	100.7	96.6	92.7	99.2
2008	162	100.1	97.6	100.1	97.6	91.9	100.6

2009	191	100.4	97.9	100.4	97.9	92.3	100.5
2010	174	100.5	97.7	100.5	97.7	92.4	100.7
2011	185	100.0	97.5	100.0	97.5	91.9	100.3
2012	237	100.1	97.7	100.1	97.7	92.0	100.4
2013	175	100.8	98.0	100.8	98.0	92.8	101.0
2014	221	100.8	97.7	100.8	97.7	93.0	100.8
2015	230	101.1	97.9	101.1	97.9	93.2	100.9
2016	231	100.6	98.3	100.6	98.3	92.8	101.1
2017	238	100.7	95.4	100.7	95.4	92.9	98.2
2018	273	100.7	96.6	100.7	96.6	92.7	99.5
2019	228	100.9	97.2	100.9	97.2	93.0	100.2
2020	244	101.1	93.5	101.1	93.5	93.1	96.4
2021	216	100.6	91.7	100.6	91.7	92.9	94.2
2022	29	101.4	94.7	101.4	94.7	93.6	97.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	84	103.5	99.5	97.2	18.5	16.4	16.0
1981	65	103.8	100.1	96.9	27.0	24.0	23.3
1982	103	103.4	99.6	97.2	37.3	33.1	32.5
1983	167	102.7	99.6	98.1	43.6	39.2	38.6
1984	154	102.9	99.3	97.8	49.4	44.4	43.6
1985	97	102.8	99.0	97.7	73.3	65.3	64.6
1986	98	102.7	99.5	97.9	67.5	60.5	59.7
1987	41	102.2	99.3	98.6	81.2	72.0	71.0
1988	40	103.9	97.8	96.7	68.2	59.9	58.2
1989	39	104.3	97.6	96.2	77.3	68.1	66.6
1990	29	103.3	99.0	97.2	68.3	60.4	59.2
1991	28	103.4	99.9	97.1	40.9	36.5	35.9
1992	26	103.0	99.3	97.8	80.5	70.5	68.8
1993	31	102.8	99.5	97.5	79.5	70.8	71.3
1994	28	102.1	99.5	98.2	92.2	81.6	80.6
1995	20	103.5	97.8	96.9	87.7	78.6	77.4
1996	13	102.2	99.5	98.4	71.5	63.5	63.4
1997	21	101.2	99.5	100.0	73.6	65.9	64.6
1998	27	102.0	99.6	98.6	87.6	78.8	77.8
1999	36	101.6	100.3	99.3	86.1	77.4	76.0
2000	23	100.8	101.5	100.1	89.5	81.5	80.0
2001	37	101.6	101.4	99.0	91.6	84.5	82.3
2002	31	102.3	98.1	98.3	93.8	84.8	82.0
2003	37	103.2	100.9	97.2	96.4	88.8	89.5
2004	55	103.1	99.6	97.3	96.9	88.1	87.7
2005	68	103.7	98.1	96.6	101.8	92.0	89.9
2006	76	102.9	98.2	97.6	100.5	90.9	89.2
2007	85	103.3	97.6	97.1	98.6	88.9	86.3
2008	91	102.5	98.2	98.1	94.6	84.8	82.4
2009	128	102.5	98.0	98.3	93.2	83.3	81.0
2010	116	102.8	98.3	97.8	98.3	87.9	85.7
2011	125	102.4	98.3	98.3	96.5	85.7	83.6
2012	154	102.5	99.0	98.1	99.1	89.7	87.3
2013	99	103.0	99.0	97.6	95.4	86.1	85.5
2014	133	103.0	98.4	97.5	98.0	88.4	87.4
2015	116	102.5	99.0	97.9	94.6	85.6	85.2
2016	147	102.6	98.7	98.0	94.1	84.6	83.5
2017	101	102.2	99.9	98.5	98.8	88.4	88.6

2018	148	102.3	99.7	98.4	89.6	80.9	81.6
2019	130	102.4	99.2	98.2	92.6	83.2	82.8
2020	86	102.0	99.9	98.7	76.8	69.9	70.6
2021	95	102.6	99.6	97.8	91.1	81.4	81.3
2022	20	103.8	98.3	96.7	98.2	88.1	86.2

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	42	105.2	111.7	92.9	99.4	115.7	93.8	103.0	96.5	115.0	92.5	101.4
1981	39	105.8	112.4	93.1	99.7	116.3	94.0	103.4	96.6	115.3	92.9	101.5
1982	51	106.1	111.5	92.9	100.2	115.8	93.5	104.1	96.4	114.4	92.5	102.0
1983	67	104.4	110.7	94.5	99.3	114.1	95.0	102.3	96.9	113.6	94.3	99.9
1984	66	103.9	109.9	95.5	99.4	112.4	95.4	102.1	96.7	112.4	94.5	99.8
1985	65	104.3	109.6	94.7	99.1	113.0	94.6	102.4	96.9	112.4	93.6	99.9
1986	54	104.9	109.2	93.8	99.5	113.2	94.0	103.1	97.0	112.3	92.8	100.8
1987	38	105.4	109.6	93.8	99.1	114.6	93.6	103.3	97.4	113.2	92.4	100.8
1988	42	104.9	108.8	94.2	98.9	113.7	93.7	103.2	96.8	112.4	92.4	100.8
1989	51	104.0	109.6	94.0	99.0	112.7	94.6	101.7	97.7	112.5	93.1	100.0
1990	46	103.5	109.2	95.2	98.3	112.6	95.1	101.2	97.5	112.3	93.3	99.6
1991	48	103.4	109.6	94.3	98.6	112.2	94.7	101.0	97.8	112.2	93.1	99.4
1992	67	101.8	108.6	94.9	98.1	110.3	95.9	99.2	98.4	111.3	93.6	98.3
1993	82	102.6	107.6	94.6	98.0	110.6	94.8	100.6	98.1	110.5	93.3	98.2
1994	69	102.8	108.5	95.0	98.2	111.4	95.2	100.3	98.4	111.4	93.6	98.5
1995	66	102.5	108.4	95.8	98.0	110.8	95.6	100.1	98.5	111.2	94.2	98.4
1996	88	102.1	108.2	95.4	98.3	110.1	95.5	100.0	98.1	110.7	94.0	98.4
1997	71	102.6	108.2	94.9	99.1	110.3	95.6	100.6	97.8	110.8	93.7	99.3
1998	71	102.2	108.3	94.7	99.3	109.7	95.5	100.2	98.1	110.2	94.0	98.6
1999	98	102.0	108.5	93.8	99.5	109.2	95.5	100.0	98.0	110.1	93.5	98.6
2000	76	101.3	108.1	94.4	99.0	108.5	95.9	99.4	97.8	109.7	93.8	98.1
2001	88	101.9	109.0	94.8	99.2	109.5	95.6	99.9	97.8	110.5	94.0	98.4
2002	73	100.8	106.7	95.8	98.3	107.7	96.6	98.9	98.6	108.6	94.6	97.4
2003	84	100.0	106.6	96.2	97.8	107.4	97.0	98.2	97.6	108.6	95.0	96.8
2004	121	100.4	107.2	95.4	98.1	108.1	96.4	98.9	97.1	109.2	94.4	97.4
2005	115	100.3	106.2	96.2	97.6	107.3	96.4	98.8	97.6	108.4	94.6	97.0
2006	120	99.8	106.3	96.6	97.4	107.2	96.8	98.4	97.0	108.5	94.7	96.9
2007	98	100.5	106.7	96.0	98.1	107.6	96.5	98.8	97.6	108.6	94.5	97.5
2008	116	100.1	106.1	95.9	98.3	106.7	97.2	98.6	97.6	108.0	94.9	97.4
2009	115	100.2	105.9	96.2	98.4	106.6	97.1	98.6	97.9	107.8	94.8	97.4
2010	83	100.0	105.8	95.8	97.9	106.5	97.2	98.3	98.2	107.9	94.8	97.2
2011	80	100.3	106.4	96.0	98.3	106.9	97.1	98.4	98.3	108.3	94.8	97.4
2012	65	100.3	105.8	96.1	98.4	106.4	97.4	98.9	98.1	107.7	95.4	97.6
2013	44	100.5	106.2	95.9	98.5	106.5	97.2	98.6	98.7	108.2	94.6	98.1
2014	44	100.8	106.2	96.2	98.4	107.0	97.1	99.1	98.1	108.3	95.2	97.9
2015	31	100.9	106.1	96.4	100.1	106.2	97.7	99.2	98.7	107.4	95.4	99.1
2016	36	100.0	105.0	96.1	99.0	105.3	97.4	98.5	98.3	106.9	94.9	98.3
2017	37	99.8	105.6	95.1	98.5	105.9	97.2	98.1	98.4	107.4	94.4	97.6
2018	26	100.5	105.5	96.0	98.2	106.7	97.4	98.8	98.5	108.0	95.1	97.8
2019	24	100.8	105.8	95.5	99.1	106.7	96.8	99.2	98.0	107.7	94.4	99.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	24	97.3	95.3	98.8
1983	29	96.3	94.2	98.4
1984	24	94.9	93.1	98.0
1985	32	95.8	93.9	98.8
1986	34	96.6	94.4	98.7
1987	27	96.7	94.9	99.6
1988	28	96.5	94.5	99.2
1989	28	96.0	93.8	98.8
1990	39	95.1	93.2	98.8
1991	30	94.8	92.7	98.2
1992	55	94.8	92.8	98.1
1993	91	95.9	93.8	99.3
1994	105	95.0	92.9	98.8
1995	110	95.1	93.0	98.5
1996	110	95.0	93.0	98.4
1997	80	95.1	93.2	98.7
1998	80	95.4	93.0	98.3
1999	121	96.0	93.6	98.9
2000	111	95.3	92.8	98.5
2001	126	94.8	92.3	98.1
2002	95	94.0	91.4	97.3
2003	124	95.2	92.6	98.4
2004	159	94.8	92.2	98.5
2005	162	93.9	91.2	98.0
2006	203	93.7	91.0	97.8
2007	173	93.4	90.7	97.9
2008	188	93.6	90.8	98.0
2009	224	93.8	91.0	98.0
2010	188	93.5	90.7	97.8
2011	217	93.5	90.8	97.9
2012	262	94.1	91.5	98.2
2013	190	94.4	92.0	98.8
2014	236	94.5	92.1	99.0
2015	272	95.1	92.7	99.0
2016	259	95.3	92.9	99.3
2017	249	95.4	92.9	99.3
2018	301	95.5	93.0	99.5
2019	279	95.5	93.1	99.4
2020	277	95.3	92.9	99.6
2021	227	95.4	93.0	99.4
2022	31	94.2	91.7	98.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	68	-2715.1	-10965.6	-448.0	-396.1
2002	58	-2959.1	-11753.5	-495.3	-428.4
2003	69	-2516.9	-10084.8	-410.4	-369.7
2004	77	-2511.8	-9933.5	-413.6	-367.7
2005	85	-2408.7	-9505.7	-398.7	-351.8
2006	98	-2688.2	-10550.3	-447.2	-391.6
2007	80	-2438.8	-9510.6	-407.7	-354.1
2008	93	-2440.8	-9532.3	-406.3	-355.3
2009	123	-2418.2	-9486.3	-404.9	-350.9

2010	98	-2188.6	-8543.7	-364.1	-319.1
2011	113	-2346.4	-9153.5	-389.0	-342.7
2012	138	-2190.8	-8578.4	-365.6	-318.6
2013	97	-1968.1	-7600.0	-322.6	-289.5
2014	128	-2267.4	-8881.1	-376.4	-330.8
2015	128	-1972.9	-7712.6	-323.7	-289.8
2016	115	-1765.1	-6865.9	-291.2	-258.5
2017	112	-1994.2	-7848.4	-328.4	-292.1
2018	104	-1823.7	-7137.3	-295.0	-270.0
2019	90	-1456.8	-5558.7	-233.3	-217.5

Tabel: 203 Blaarkop - zwartbont: Robot / AMS kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Eff	Int	Gewen
2009	10	95.9	91.5	104.0
2012	10	95.0	92.8	103.0
2014	10	96.2	94.6	104.0
2017	10	94.0	95.9	103.9

Tabel: 204 Blaarkop - zwartbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	71	97.9	100.8	0	0.0	0.0	0	0.0
1981	76	98.1	100.1	0	0.0	0.0	0	0.0
1982	103	97.3	99.7	0	0.0	0.0	0	0.0
1983	123	98.0	99.8	0	0.0	0.0	0	0.0
1984	161	97.9	100.1	0	0.0	0.0	0	0.0
1985	170	97.9	100.1	247	-4.5	115.7	0	0.0
1986	128	97.8	99.7	161	-4.3	101.6	0	0.0
1987	112	96.8	99.3	121	-4.5	103.3	0	0.0
1988	104	96.6	99.4	111	-4.6	101.2	0	0.0
1989	105	96.4	98.8	105	-4.3	97.4	0	0.0
1990	95	97.3	99.3	95	-4.5	99.5	0	0.0
1991	79	96.9	98.5	79	-4.7	95.0	0	0.0
1992	73	97.4	99.2	77	-4.1	88.0	0	0.0
1993	88	96.0	99.0	89	-4.1	95.6	0	0.0
1994	69	96.3	99.1	69	-4.0	101.8	0	0.0
1995	69	97.3	100.0	69	-3.7	89.2	0	0.0
1996	68	96.6	99.1	68	-3.8	84.7	0	0.0
1997	54	97.5	99.0	54	-3.3	80.9	0	0.0
1998	61	97.1	99.2	61	-3.1	78.4	0	0.0
1999	72	96.9	98.6	72	-3.2	72.6	0	0.0
2000	53	97.3	98.1	53	-3.3	68.8	0	0.0
2001	68	98.5	99.4	68	-3.3	76.9	25	93.0
2002	58	97.8	98.6	58	-3.0	73.5	19	93.5
2003	69	99.1	100.2	69	-3.2	77.0	22	92.7
2004	80	98.2	99.3	80	-2.9	74.3	24	92.6
2005	85	98.0	99.1	85	-2.8	70.3	30	92.7
2006	98	97.8	99.1	98	-2.9	71.2	29	93.1
2007	80	98.0	99.2	81	-2.6	65.0	38	93.2
2008	92	97.9	99.0	92	-2.6	68.2	31	92.9

2009	123	98.6	99.1	123	-2.5	56.6	39	93.9
2010	98	97.8	99.2	98	-2.5	59.6	37	92.9
2011	113	97.9	99.5	113	-2.5	55.1	35	94.7
2012	138	97.2	99.5	138	-2.5	57.2	39	95.1
2013	95	97.9	99.3	95	-2.3	52.4	33	94.5
2014	126	97.8	99.3	127	-2.5	53.5	43	94.4
2015	128	98.0	99.3	128	-2.2	45.3	32	96.9
2016	115	97.9	99.3	115	-2.2	48.4	36	95.9
2017	112	98.0	98.9	112	-2.3	49.5	39	94.6
2018	104	97.9	99.3	104	-2.3	52.5	27	94.1
2019	84	98.6	99.1	84	-2.0	51.6	26	95.2

Tabel: 205 Blaarkop - zwartbont: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1983	13	99.5	0	0.0	0	0.0	13	93.4
1989	10	99.9	0	0.0	0	0.0	10	94.4
1993	10	99.4	0	0.0	0	0.0	10	93.2
1994	10	99.2	0	0.0	0	0.0	10	92.5
1995	14	99.4	0	0.0	0	0.0	14	92.6
1997	13	99.5	0	0.0	0	0.0	13	93.5
1998	16	99.3	0	0.0	0	0.0	16	92.6
1999	17	99.5	0	0.0	0	0.0	17	93.0
2000	13	99.5	0	0.0	0	0.0	13	94.1
2001	19	99.5	0	0.0	0	0.0	19	94.1
2002	21	99.9	0	0.0	0	0.0	21	94.8
2003	28	99.6	0	0.0	0	0.0	28	94.0
2004	36	99.3	0	0.0	0	0.0	36	93.0
2005	50	99.5	0	0.0	0	0.0	50	93.3
2006	39	99.6	0	0.0	0	0.0	39	93.7
2007	53	99.6	0	0.0	0	0.0	53	94.0
2008	67	99.5	0	0.0	0	0.0	67	93.3
2009	105	99.6	1	103.0	0	0.0	105	94.3
2010	88	99.6	0	0.0	0	0.0	88	94.1
2011	109	99.6	0	0.0	0	0.0	109	94.1
2012	128	99.6	0	0.0	0	0.0	128	94.0
2013	89	99.6	0	0.0	1	102.0	89	94.6
2014	117	99.7	0	0.0	0	0.0	117	94.9
2015	118	99.8	0	0.0	0	0.0	118	95.4
2016	105	99.7	0	0.0	0	0.0	105	94.7
2017	104	99.7	0	0.0	0	0.0	104	94.7
2018	90	99.7	0	0.0	0	0.0	90	95.1
2019	78	99.8	0	0.0	0	0.0	78	95.3

Tabel: 206 Verbeterd Roodbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	78	-1523.9	-65.1	-60.1	-76.3	5.5	-7.9	-12.5	-405.9
1981	61	-1596.2	-66.4	-61.6	-79.6	9.5	-5.5	-12.8	-415.9
1982	118	-1627.5	-67.4	-61.6	-81.0	10.2	-3.5	-12.6	-418.7
1983	116	-1637.9	-67.0	-62.6	-81.5	12.1	-4.5	-12.7	-421.6

1984	132	-1646.0	-69.4	-63.8	-81.8	8.2	-6.2	-12.8	-432.0
1985	114	-1649.8	-69.2	-63.3	-82.0	8.8	-5.0	-12.8	-429.6
1986	144	-1610.5	-65.6	-61.5	-80.2	12.7	-4.1	-12.7	-413.9
1987	201	-1533.6	-61.5	-58.9	-76.7	14.1	-4.6	-12.6	-393.8
1988	184	-1638.5	-67.8	-62.6	-81.5	10.8	-4.2	-12.8	-423.5
1989	176	-1553.1	-63.1	-58.1	-77.6	12.3	-1.6	-12.6	-394.2
1990	177	-1590.8	-66.1	-59.2	-79.3	10.1	-0.9	-12.7	-405.6
1991	160	-1607.7	-66.9	-60.5	-80.1	9.6	-2.4	-12.7	-412.7
1992	173	-1496.2	-59.9	-57.0	-75.0	13.6	-3.5	-12.5	-382.1
1993	165	-1529.7	-61.5	-57.4	-76.6	13.7	-1.6	-12.6	-387.5
1994	158	-1316.1	-54.0	-51.6	-66.8	9.6	-5.5	-12.3	-345.2
1995	164	-1367.1	-54.8	-53.7	-69.1	12.3	-6.0	-12.3	-355.9
1996	133	-1244.8	-49.7	-48.7	-63.5	11.3	-5.2	-12.1	-323.1
1997	159	-1132.9	-47.5	-44.6	-58.4	6.0	-4.9	-11.9	-300.3
1998	205	-1085.5	-42.9	-42.6	-56.2	10.5	-4.5	-11.8	-281.8
1999	196	-1123.1	-45.3	-43.3	-58.0	9.3	-3.0	-11.9	-289.9
2000	222	-1054.6	-44.7	-42.7	-54.5	4.6	-6.3	-11.1	-285.3
2001	202	-1035.2	-45.3	-41.9	-51.3	2.0	-6.2	-6.5	-282.2
2002	190	-989.3	-43.7	-41.1	-49.4	0.9	-7.9	-6.8	-275.2
2003	188	-990.5	-41.7	-40.2	-50.2	5.0	-6.4	-8.3	-267.7
2004	180	-827.3	-39.4	-35.7	-43.3	-3.9	-8.8	-9.2	-242.0
2005	155	-779.2	-36.7	-34.7	-42.4	-3.1	-10.0	-11.6	-232.1
2006	188	-711.4	-35.9	-31.8	-40.0	-6.5	-9.3	-12.6	-217.8
2007	182	-691.6	-33.9	-31.3	-38.4	-4.9	-9.7	-11.4	-211.1
2008	162	-751.1	-36.3	-32.3	-41.5	-4.1	-7.3	-11.8	-221.2
2009	186	-595.1	-29.2	-27.9	-34.6	-4.0	-9.6	-12.1	-186.0
2010	158	-652.6	-31.7	-28.9	-37.4	-3.8	-7.8	-12.5	-196.1
2011	182	-652.5	-33.9	-29.3	-37.7	-7.8	-8.5	-13.2	-202.5
2012	183	-657.6	-33.5	-29.1	-37.4	-6.7	-7.8	-12.2	-201.2
2013	220	-684.2	-33.5	-28.9	-39.3	-4.7	-5.9	-13.7	-200.7
2014	189	-727.0	-34.3	-30.3	-41.5	-2.8	-5.6	-14.0	-208.9
2015	176	-720.4	-33.4	-29.5	-41.1	-2.0	-4.5	-14.0	-203.6
2016	157	-697.0	-34.3	-28.8	-40.1	-4.9	-4.7	-14.0	-201.9
2017	166	-640.5	-31.1	-27.4	-37.3	-3.7	-5.9	-13.4	-188.6
2018	109	-641.5	-29.8	-27.1	-37.1	-1.5	-5.4	-12.9	-185.0
2019	129	-512.7	-26.7	-24.1	-32.5	-5.8	-8.2	-15.0	-164.5

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

Tabel: 207 Verbeterd Roodbont: Exterieurkenmerken bouw

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	422	89.6	92.3	91.5	91.2	103.8	93.2	98.5
1981	343	89.7	91.8	91.2	91.2	103.7	93.0	98.4
1982	333	89.8	92.0	91.5	91.6	103.2	93.1	97.9
1983	223	89.6	92.0	90.9	91.0	103.8	92.6	98.2
1984	170	89.5	92.0	90.7	90.8	104.0	92.2	98.1
1985	111	89.2	92.1	90.7	90.8	104.2	92.3	97.9
1986	100	90.1	91.7	90.6	91.2	103.4	92.2	98.1
1987	106	90.2	92.0	91.1	91.6	103.5	92.4	98.8
1988	79	90.3	91.7	90.9	91.7	102.9	92.6	98.2
1989	75	91.0	91.3	91.1	92.1	102.4	92.5	98.8
1990	68	90.2	90.6	90.4	91.6	102.3	92.2	98.3
1991	58	90.6	91.6	91.2	92.0	102.8	92.8	98.1
1992	72	90.8	91.7	91.2	92.3	102.8	92.8	98.1
1993	75	91.2	91.6	91.6	93.0	102.2	92.9	98.0
1994	69	91.5	92.8	92.4	93.3	102.6	93.3	98.4

1995	74	90.9	92.4	91.4	92.5	102.9	92.3	97.9
1996	62	92.1	92.5	92.6	93.4	102.4	92.8	98.1
1997	64	92.9	92.9	92.9	93.7	102.4	92.4	98.2
1998	90	92.6	92.6	93.1	94.2	101.6	92.9	98.2
1999	73	93.3	92.9	93.7	94.3	102.0	92.8	98.8
2000	80	93.1	93.0	93.6	94.1	101.9	92.2	98.6
2001	81	92.9	93.0	93.5	94.1	101.5	91.5	99.0
2002	60	93.2	93.1	93.8	94.3	101.9	92.1	99.5
2003	68	93.5	93.3	93.9	94.2	102.2	92.4	98.7
2004	51	92.7	93.1	93.8	94.4	102.0	92.6	98.9
2005	52	93.6	92.8	94.1	94.8	101.3	91.9	100.1
2006	74	93.6	93.1	94.2	94.9	101.2	92.4	99.7
2007	70	93.8	93.6	94.6	94.9	101.6	92.6	100.1
2008	51	93.8	93.8	94.3	94.7	102.2	93.5	99.9
2009	62	94.7	94.2	95.4	96.1	100.9	92.7	101.1
2010	63	94.3	93.6	95.0	95.8	100.8	92.5	101.0
2011	65	93.9	93.7	94.8	95.2	101.2	92.6	100.9
2012	51	93.4	94.3	94.3	94.8	102.2	92.8	100.5
2013	58	94.6	93.9	95.2	95.8	101.6	92.3	101.2
2014	66	94.2	94.3	95.0	95.5	101.6	92.4	101.4
2015	60	94.8	94.1	95.0	95.3	102.2	92.8	100.6
2016	53	93.6	94.1	94.2	94.5	102.9	92.8	100.2
2017	46	94.2	93.6	94.4	95.2	102.1	93.0	101.0
2018	31	94.7	93.3	94.8	95.7	101.5	93.1	100.3
2019	19	94.3	94.5	94.4	95.1	103.2	92.7	100.3

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	422	95.2	96.9	100.2	88.9	94.3
1981	343	95.4	96.6	100.7	89.1	94.4
1982	333	95.6	96.6	100.4	89.3	94.4
1983	223	95.7	96.5	100.8	89.4	94.5
1984	170	95.8	96.6	100.7	89.5	94.7
1985	111	96.1	96.7	100.5	89.6	94.8
1986	100	96.4	96.2	101.1	89.8	94.7
1987	106	96.4	95.7	101.1	89.9	94.6
1988	79	97.4	95.7	101.6	90.7	95.6
1989	75	97.3	96.2	101.5	90.4	95.3
1990	68	97.5	94.9	102.2	90.8	95.4
1991	58	98.0	95.5	101.9	91.3	96.0
1992	72	98.2	95.5	101.7	91.3	96.2
1993	75	98.6	96.7	101.3	91.7	96.6
1994	69	98.4	96.6	102.2	93.0	96.5
1995	74	98.3	96.1	102.1	92.5	96.5
1996	62	99.1	96.1	101.9	92.6	97.3
1997	64	99.8	95.9	102.5	93.0	97.6
1998	90	98.8	97.2	101.2	92.6	96.9
1999	73	100.0	96.5	102.0	93.2	97.7
2000	80	100.4	96.0	102.7	93.8	98.2
2001	81	100.3	97.1	101.6	93.6	98.0
2002	60	100.3	97.0	101.8	94.0	97.8
2003	68	100.6	96.5	102.0	94.0	98.3
2004	51	100.1	96.5	101.8	93.5	98.1
2005	52	100.1	98.0	100.8	93.9	97.9
2006	74	100.1	97.7	101.4	93.9	98.0

2007	70	100.8	97.1	102.0	94.4	98.7
2008	51	100.5	97.0	102.2	94.3	98.5
2009	62	100.3	97.3	101.3	94.2	98.7
2010	63	100.5	98.0	100.9	94.3	99.0
2011	65	100.5	96.9	101.6	94.4	99.1
2012	51	100.4	97.1	101.6	94.5	98.9
2013	58	100.9	97.6	101.4	94.5	99.3
2014	66	100.4	97.8	101.2	94.5	98.7
2015	60	100.5	97.2	101.5	94.8	99.1
2016	53	101.0	97.5	101.3	95.2	99.5
2017	46	100.7	97.4	100.8	94.2	99.6
2018	31	100.6	97.5	101.0	94.5	99.8
2019	19	102.3	96.4	102.1	95.3	100.9

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	422	99.7	91.4	103.8	99.6	93.2	97.4	93.5
1981	343	100.3	91.9	103.7	100.0	93.4	97.3	93.6
1982	333	100.5	92.5	103.3	100.2	94.1	97.5	94.1
1983	223	100.0	92.5	103.3	99.8	93.6	97.6	94.1
1984	170	100.1	91.9	102.9	100.1	92.9	97.6	94.0
1985	111	100.0	92.2	103.0	99.8	93.1	97.7	94.2
1986	100	100.4	92.6	103.6	100.0	93.5	97.7	94.1
1987	106	100.7	92.8	103.7	100.2	94.0	97.2	93.8
1988	79	100.7	93.0	103.3	100.1	93.9	97.4	94.1
1989	75	101.3	93.3	103.9	100.6	93.8	96.9	93.8
1990	68	101.5	93.1	103.6	100.8	93.4	97.2	93.9
1991	58	101.6	93.9	103.5	100.6	93.4	97.5	94.5
1992	72	101.1	93.5	103.6	100.1	93.2	96.6	93.7
1993	75	100.9	94.2	102.7	100.0	93.0	96.6	93.8
1994	69	101.1	94.3	103.2	100.2	93.3	95.9	93.3
1995	74	101.0	93.7	102.6	100.7	92.7	96.4	93.6
1996	62	101.9	94.6	102.8	100.9	93.7	97.5	94.5
1997	64	100.6	94.7	103.4	100.4	94.0	97.3	94.5
1998	90	100.3	94.8	103.0	99.6	93.2	97.0	94.5
1999	73	100.9	95.0	103.3	99.9	93.4	96.9	94.3
2000	80	100.6	95.7	102.9	100.2	93.8	96.8	94.2
2001	81	100.2	95.2	103.7	99.7	93.6	96.2	94.0
2002	60	100.7	95.4	103.0	99.8	93.7	96.7	94.4
2003	68	101.2	96.2	103.3	100.3	94.0	97.4	95.2
2004	51	101.6	96.3	103.1	100.4	94.6	97.8	95.5
2005	52	101.0	95.9	103.8	99.8	94.8	97.6	95.2
2006	74	100.4	95.9	105.3	98.8	93.8	96.3	93.9
2007	70	100.7	96.1	104.0	99.6	94.2	96.7	94.3
2008	51	101.0	95.5	105.1	99.5	94.0	95.9	93.5
2009	62	100.4	95.9	104.2	98.9	94.3	95.9	93.7
2010	63	100.1	95.2	104.4	98.5	93.8	95.3	92.9
2011	65	100.8	95.8	104.1	99.3	94.8	96.5	93.9
2012	51	100.9	95.7	104.7	99.2	93.7	95.9	93.4
2013	58	101.0	95.9	105.1	99.4	94.4	96.9	94.3
2014	66	101.2	96.0	105.1	99.7	94.4	96.7	94.4
2015	60	102.0	96.0	104.9	100.8	94.9	97.2	94.8
2016	53	102.3	95.9	105.3	101.1	94.4	96.9	94.3
2017	46	102.0	95.8	104.7	100.5	94.5	97.8	94.9
2018	31	102.2	95.6	104.9	101.1	95.2	97.9	95.0

2019 19 101.9 96.1 103.9 101.2 94.8 97.7 95.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	422	86.9	94.4	93.1	93.1	103.6	90.8
1981	343	86.5	94.1	93.6	93.2	103.5	90.9
1982	333	86.5	93.8	94.3	93.3	103.1	91.1
1983	223	86.2	94.0	93.9	93.4	103.3	90.9
1984	170	85.9	94.0	93.6	93.6	103.3	90.8
1985	111	85.8	94.0	93.7	93.7	103.3	90.9
1986	100	86.0	93.3	94.0	93.7	102.2	90.8
1987	106	86.7	93.9	94.2	93.4	102.0	91.0
1988	79	86.3	93.3	94.3	94.6	101.6	91.2
1989	75	86.7	93.1	94.4	94.4	101.0	91.1
1990	68	85.5	92.2	94.5	94.2	100.6	90.6
1991	58	86.6	93.2	94.9	95.1	101.0	91.7
1992	72	86.6	93.4	94.1	95.2	100.7	91.3
1993	75	86.7	92.8	94.1	96.1	99.8	91.4
1994	69	88.1	93.8	93.9	96.1	100.1	91.9
1995	74	86.6	93.0	94.0	95.9	100.3	91.4
1996	62	87.9	93.5	95.4	96.7	100.1	92.7
1997	64	88.3	93.7	94.9	97.2	99.8	92.8
1998	90	88.3	93.3	94.2	96.5	99.3	92.0
1999	73	89.2	94.0	94.6	97.5	99.5	92.8
2000	80	88.8	93.8	94.9	97.9	99.5	93.1
2001	81	88.6	93.7	94.1	97.9	99.2	92.7
2002	60	89.3	94.3	94.6	97.7	99.7	93.2
2003	68	89.2	94.3	95.6	98.1	99.8	93.9
2004	51	89.2	94.3	96.1	97.7	99.6	93.8
2005	52	89.6	94.3	95.6	97.5	99.1	93.4
2006	74	89.9	94.4	94.0	97.7	98.9	92.9
2007	70	90.4	95.0	94.9	98.5	99.5	93.9
2008	51	90.7	95.3	94.2	98.5	99.8	93.8
2009	62	91.7	95.8	94.2	98.4	99.0	93.9
2010	63	91.1	95.0	93.2	98.9	98.7	93.4
2011	65	91.0	95.2	94.7	98.7	99.3	94.1
2012	51	90.8	95.5	94.0	98.6	99.5	93.7
2013	58	91.5	95.8	94.9	99.2	99.3	94.6
2014	66	91.4	95.9	95.0	98.5	99.6	94.4
2015	60	91.4	96.2	96.0	98.7	100.1	95.1
2016	53	90.6	95.8	95.8	99.5	100.4	95.2
2017	46	91.2	95.8	96.0	99.1	100.0	95.1
2018	31	91.1	95.1	96.5	99.4	99.5	95.3
2019	19	91.1	96.3	96.4	100.8	100.6	96.2

Tabel: 211 Verbeterd Roodbont: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	766	103.7	102.7	102.8	103.3	103.9	101.8	92.4	103.0
1981	658	103.6	102.7	102.6	103.2	103.8	101.7	92.3	102.9

1982	604	104.2	102.4	102.9	103.3	104.3	101.9	91.8	103.0
1983	438	104.2	102.3	102.8	103.3	104.3	102.4	91.6	102.9
1984	388	104.3	102.2	102.6	103.2	104.1	102.0	92.2	102.7
1985	283	104.4	102.0	102.4	103.1	104.2	102.6	91.8	102.6
1986	294	104.8	101.6	102.7	103.0	104.7	102.4	91.2	102.7
1987	301	105.1	101.3	102.8	102.9	104.9	102.4	91.4	102.6
1988	242	104.9	101.5	102.8	103.1	104.8	102.1	90.8	102.8
1989	214	105.2	101.3	103.1	103.1	105.2	102.3	91.1	102.9
1990	208	105.2	101.4	103.2	103.0	105.1	102.5	90.7	102.9
1991	216	105.2	101.7	103.4	103.4	105.3	102.5	91.3	103.2
1992	239	104.9	101.6	103.1	103.1	105.1	102.7	91.5	103.0
1993	220	104.8	101.7	103.3	103.3	105.3	102.9	91.8	103.2
1994	249	104.2	101.4	102.7	102.7	104.6	102.3	92.5	102.6
1995	230	104.3	101.7	103.1	103.1	104.9	102.2	92.1	103.0
1996	224	104.2	101.7	103.0	103.0	104.8	102.0	92.0	102.9
1997	271	104.0	101.4	102.7	102.6	104.5	101.9	92.8	102.6
1998	299	103.7	101.3	102.5	102.6	104.3	101.8	93.0	102.4
1999	287	103.1	101.8	102.4	102.7	104.0	101.4	92.7	102.5
2000	341	103.8	101.2	102.7	102.6	104.5	102.1	92.8	102.5
2001	293	103.5	101.4	102.5	102.5	104.3	101.8	92.8	102.4
2002	278	104.1	101.3	102.9	102.7	104.9	102.4	92.8	102.7
2003	267	103.3	101.4	102.4	102.6	104.1	101.6	93.0	102.3
2004	268	102.5	101.7	102.0	102.6	103.7	101.0	93.8	102.2
2005	218	103.8	101.1	102.6	102.6	104.7	102.0	93.2	102.4
2006	237	104.4	101.1	103.1	103.0	105.4	102.6	93.4	102.8
2007	253	104.1	100.9	102.8	102.5	104.8	102.3	93.5	102.5
2008	212	103.7	101.1	102.7	102.5	104.5	102.2	93.9	102.5
2009	241	103.4	101.0	102.4	102.3	104.3	102.3	94.5	102.2
2010	213	103.6	101.4	102.9	102.8	104.7	102.7	94.5	102.8
2011	215	103.8	101.4	103.0	103.0	105.0	103.0	94.3	102.9
2012	221	103.7	101.9	103.3	103.3	105.1	102.9	94.3	103.2
2013	262	103.8	102.2	103.6	103.7	105.4	102.9	94.3	103.6
2014	228	104.0	102.4	103.7	104.0	105.6	102.8	94.6	103.7
2015	242	103.6	102.2	103.4	103.6	105.2	102.7	94.8	103.4
2016	232	103.4	102.1	103.4	103.5	105.0	102.4	95.3	103.3
2017	210	103.5	102.0	103.4	103.5	105.0	102.2	95.0	103.3
2018	145	103.2	101.8	103.1	103.1	104.7	102.0	95.0	103.0
2019	175	103.4	101.9	103.2	103.2	104.9	102.3	94.8	103.1
2020	24	103.5	101.2	102.8	102.7	104.7	101.8	93.4	102.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	21	98.7	72.2	93.0	100.9	102.0
1981	19	98.3	65.4	93.0	100.7	101.5
1982	31	100.1	56.2	91.4	100.1	100.9
1983	33	100.5	55.5	92.2	100.4	100.7
1984	24	100.3	52.3	92.8	100.9	101.2
1985	24	100.1	76.6	92.1	100.7	100.7
1986	20	101.2	73.2	92.0	100.3	100.4
1987	25	101.5	71.0	91.1	99.4	99.1
1988	31	101.0	82.0	90.6	99.3	99.1
1989	27	101.3	72.3	91.1	99.5	99.4
1990	31	100.9	94.8	91.8	99.8	100.5
1991	28	100.5	94.7	90.3	99.0	99.6
1992	69	100.9	96.2	90.8	99.1	99.6

1993	75	100.9	96.6	90.8	98.9	99.8
1994	65	99.7	96.0	91.3	98.8	100.0
1995	72	100.5	95.6	90.9	98.7	99.5
1996	60	100.8	96.4	91.4	99.3	100.0
1997	60	100.6	92.4	91.2	98.9	99.3
1998	90	100.0	94.5	90.8	98.2	99.2
1999	66	99.7	97.5	90.9	98.1	99.0
2000	81	99.8	95.2	90.3	97.6	98.7
2001	80	99.2	96.6	90.3	97.8	98.8
2002	60	99.5	94.8	89.9	97.2	98.2
2003	69	99.5	96.2	91.0	98.0	98.5
2004	49	99.4	92.3	90.5	97.5	98.3
2005	50	99.2	94.9	90.1	97.1	97.5
2006	70	98.5	94.6	90.1	97.1	97.1
2007	69	98.5	92.0	90.1	96.7	97.1
2008	51	98.5	96.7	90.4	97.0	96.9
2009	59	98.5	96.1	90.2	96.6	96.3
2010	62	98.0	95.8	90.4	96.9	96.6
2011	63	98.7	94.8	90.3	96.7	97.1
2012	50	98.9	96.0	90.8	97.0	97.3
2013	54	99.6	96.9	90.3	96.8	96.8
2014	54	99.3	96.7	90.8	97.3	97.2
2015	56	98.7	96.3	91.2	97.7	97.8
2016	45	98.9	97.2	92.1	98.3	98.8
2017	40	99.8	96.7	91.9	98.1	98.3
2018	31	98.3	96.2	91.8	97.9	97.9
2019	18	99.2	96.2	91.6	97.8	97.7

Tabel: 213 Verbeterd Roodbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	78	-168.2	-405.9	-160.9	101.7	103.0	93.1	93.1	98.2	0.0
1981	61	-176.6	-415.9	-172.9	101.3	102.9	93.6	93.2	98.1	0.0
1982	118	-182.2	-418.7	-166.0	100.6	103.0	94.3	93.3	98.1	0.0
1983	116	-185.8	-421.6	-168.4	100.7	102.9	93.9	93.4	98.6	0.0
1984	132	-207.5	-432.0	-320.2	101.2	102.7	93.6	93.6	98.8	0.0
1985	114	-209.3	-429.6	-370.0	100.8	102.6	93.7	93.7	98.9	112.7
1986	144	-210.7	-413.9	-454.1	100.3	102.7	94.0	93.7	98.3	112.3
1987	201	-209.2	-393.8	-467.4	99.1	102.6	94.2	93.4	98.3	104.0
1988	184	-222.3	-423.5	-529.9	99.1	102.8	94.3	94.6	98.5	98.4
1989	176	-208.4	-394.2	-529.1	99.3	102.9	94.4	94.4	98.5	94.4
1990	177	-201.9	-405.6	-506.2	100.3	102.9	94.5	94.2	98.9	103.7
1991	160	-205.3	-412.7	-531.0	99.2	103.2	94.9	95.1	98.4	103.0
1992	173	-197.0	-382.1	-476.3	99.3	103.0	94.1	95.2	98.6	98.3
1993	165	-197.4	-387.5	-489.2	99.4	103.2	94.1	96.1	98.3	94.1
1994	158	-181.1	-345.2	-449.7	99.4	102.6	93.9	96.1	97.6	87.0
1995	164	-181.6	-355.9	-428.4	99.1	103.0	94.0	95.9	97.4	91.4
1996	133	-148.7	-323.1	-361.4	99.6	102.9	95.4	96.7	97.6	81.5
1997	159	-150.6	-300.3	-330.9	99.0	102.6	94.9	97.2	97.9	81.4
1998	205	-154.0	-281.8	-353.5	98.7	102.4	94.2	96.5	97.3	74.5
1999	196	-154.4	-289.9	-359.6	98.5	102.5	94.6	97.5	97.3	77.2
2000	222	-156.4	-285.3	-367.8	98.1	102.5	94.9	97.9	97.4	76.3
2001	202	-154.1	-282.2	-337.9	98.2	102.4	94.1	97.9	97.4	75.0
2002	190	-159.2	-275.2	-363.3	97.5	102.7	94.6	97.7	97.2	77.8
2003	188	-143.3	-267.7	-321.0	98.1	102.3	95.6	98.1	97.3	74.5
2004	180	-137.7	-242.0	-312.7	97.7	102.2	96.1	97.7	97.2	67.8

2005	155	-143.9	-232.1	-309.1	97.0	102.4	95.6	97.5	97.2	70.0
2006	188	-140.3	-217.8	-297.2	96.8	102.8	94.0	97.7	97.3	72.8
2007	182	-137.3	-211.1	-285.0	96.6	102.5	94.9	98.5	97.6	64.4
2008	162	-147.3	-221.2	-288.2	96.6	102.5	94.2	98.5	97.2	59.0
2009	186	-140.7	-186.0	-288.9	96.1	102.2	94.2	98.4	97.4	57.3
2010	158	-141.0	-196.1	-270.2	96.3	102.8	93.2	98.9	97.2	54.5
2011	182	-130.8	-202.5	-255.9	96.6	102.9	94.7	98.7	97.0	55.1
2012	183	-123.6	-201.2	-244.2	96.8	103.2	94.0	98.6	97.4	53.3
2013	220	-127.1	-200.7	-271.2	96.4	103.6	94.9	99.2	97.2	45.5
2014	189	-124.8	-208.9	-280.3	96.9	103.7	95.0	98.5	97.4	41.9
2015	176	-109.3	-203.6	-240.5	97.5	103.4	96.0	98.7	97.8	45.5
2016	157	-94.2	-201.9	-174.2	98.4	103.3	95.8	99.5	98.3	51.5
2017	166	-88.6	-188.6	-149.4	98.0	103.3	96.0	99.1	98.7	50.6
2018	109	-96.8	-185.0	-174.9	97.7	103.0	96.5	99.4	98.7	54.7
2019	129	-86.9	-164.5	-158.9	97.5	103.1	96.4	100.8	98.7	57.9

Tabel: 214 Verbeterd Roodbont: Klauwgezondheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	18	96.1	98.3	96.8	98.7	98.3	97.1	98.8
1998	32	96.4	98.1	97.5	99.3	98.1	97.2	98.2
1999	32	96.2	98.0	97.2	99.0	98.1	97.6	98.5
2000	33	95.8	97.8	96.5	98.6	98.2	97.2	99.0
2001	48	95.7	97.7	96.7	98.8	97.7	96.9	98.3
2002	30	95.2	97.7	96.5	98.1	97.4	96.1	98.5
2003	39	96.5	98.8	96.9	98.8	98.7	96.7	99.2
2004	30	95.9	97.9	97.1	98.5	97.8	96.7	98.4
2005	31	96.2	98.5	97.2	98.5	98.1	96.4	98.6
2006	57	95.6	98.6	96.4	98.0	98.1	96.0	98.7
2007	50	96.3	99.0	96.8	98.5	98.6	96.9	98.8
2008	36	95.5	98.2	96.4	97.6	98.1	96.3	98.9
2009	38	96.9	99.2	97.9	98.7	98.1	96.7	98.4
2010	47	97.2	99.5	97.6	99.1	98.8	97.5	99.0
2011	40	97.0	99.2	97.6	98.8	98.7	97.1	99.0
2012	30	97.8	99.8	98.0	98.9	99.2	97.6	99.3
2013	31	96.1	99.3	96.3	97.8	98.5	96.6	99.2
2014	34	96.4	98.7	97.3	98.4	98.3	97.0	98.6
2015	16	97.6	99.8	97.7	99.1	99.2	98.2	99.3
2017	17	97.4	99.6	97.5	98.7	99.2	97.6	99.8
2018	10	95.3	98.7	96.5	97.1	97.8	95.6	98.9

Tabel: 215 Verbeterd Roodbont: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	22	98.6	97.4	98.6	97.4	90.5	100.0
1983	18	100.0	98.4	100.0	98.4	91.7	100.4
1984	16	100.7	97.7	100.7	97.7	92.0	100.8
1985	13	99.5	98.2	99.5	98.2	91.1	101.2
1986	32	98.8	97.4	98.8	97.4	90.7	99.8
1987	53	98.7	97.4	98.7	97.4	90.5	100.0
1988	71	99.3	97.4	99.3	97.4	91.0	100.2

1989	74	100.0	97.2	100.0	97.2	91.3	100.4
1990	85	101.2	97.5	101.2	97.5	92.6	101.2
1991	100	100.6	97.4	100.6	97.4	92.0	100.9
1992	126	100.4	97.7	100.4	97.7	91.8	100.9
1993	164	100.4	97.6	100.4	97.6	92.2	100.6
1994	244	100.3	97.1	100.3	97.1	92.4	99.9
1995	210	100.3	96.8	100.3	96.8	92.1	100.1
1996	197	100.2	96.6	100.2	96.6	92.2	99.7
1997	240	100.2	97.5	100.2	97.5	92.3	100.5
1998	327	99.6	97.0	99.6	97.0	91.8	99.5
1999	325	99.6	96.7	99.6	96.7	91.9	99.0
2000	369	99.9	96.8	99.9	96.8	92.2	99.0
2001	346	99.8	97.1	99.8	97.1	92.3	99.0
2002	369	99.6	97.0	99.6	97.0	92.0	98.9
2003	381	99.2	97.4	99.2	97.4	91.7	99.3
2004	355	98.8	97.4	98.8	97.4	91.6	99.3
2005	311	99.3	97.3	99.3	97.3	91.8	99.5
2006	329	99.5	97.3	99.5	97.3	92.0	99.7
2007	318	99.8	97.5	99.8	97.5	92.1	99.8
2008	275	99.9	97.0	99.9	97.0	92.4	99.2
2009	321	100.0	97.0	100.0	97.0	92.1	99.0
2010	305	100.0	97.0	100.0	97.0	92.1	99.1
2011	298	99.8	96.9	99.8	96.9	92.0	99.0
2012	298	100.3	97.0	100.3	97.0	92.6	99.4
2013	334	100.2	96.8	100.2	96.8	92.4	99.1
2014	315	100.7	96.8	100.7	96.8	92.9	99.3
2015	342	100.6	97.2	100.6	97.2	93.0	99.4
2016	319	100.8	97.6	100.8	97.6	92.9	99.7
2017	319	101.2	97.0	101.2	97.0	93.3	99.1
2018	268	101.4	97.6	101.4	97.6	93.5	99.7
2019	292	101.1	97.7	101.1	97.7	93.6	99.7
2020	273	101.2	97.5	101.2	97.5	94.0	99.5
2021	279	101.0	95.8	101.0	95.8	93.6	97.7
2022	32	100.5	98.1	100.5	98.1	93.0	99.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	67	104.4	99.5	96.1	32.5	28.7	27.8
1981	62	104.9	99.8	95.5	40.1	35.3	34.1
1982	91	105.0	98.6	95.6	47.2	41.2	40.3
1983	96	103.9	98.9	96.6	61.2	54.7	53.7
1984	103	104.0	99.0	96.6	70.3	62.6	61.3
1985	88	104.8	98.3	95.6	59.2	52.1	51.1
1986	66	104.5	97.6	95.8	71.6	62.6	61.2
1987	71	104.3	97.8	96.0	80.2	69.9	69.0
1988	60	105.3	96.9	94.8	77.5	67.2	65.2
1989	42	104.8	98.0	95.5	70.0	61.1	59.5
1990	48	104.1	99.2	96.1	75.6	67.4	66.4
1991	55	104.8	98.9	95.3	45.9	39.8	38.7
1992	55	104.2	98.9	96.1	68.7	59.8	58.4
1993	62	103.8	99.2	96.5	80.5	70.6	69.6
1994	65	102.9	98.7	97.5	91.6	80.5	78.6
1995	62	103.5	98.5	96.8	83.0	75.1	73.1
1996	55	102.8	99.8	98.0	76.1	69.5	68.2
1997	69	102.3	99.1	98.3	90.0	80.3	79.5

1998	98	101.8	99.5	98.7	92.8	82.7	81.4
1999	80	102.1	99.5	98.5	90.3	81.4	79.8
2000	102	101.5	99.2	99.4	97.1	86.4	84.1
2001	97	101.5	99.5	99.2	101.8	91.1	88.9
2002	91	101.5	99.3	99.1	100.7	89.8	87.6
2003	118	102.2	99.2	98.2	98.2	87.7	86.1
2004	114	102.3	99.0	98.0	98.7	88.1	86.1
2005	134	102.4	98.3	97.7	102.3	90.6	88.8
2006	125	102.5	98.0	97.6	99.2	87.6	85.5
2007	191	101.9	97.5	98.6	101.6	90.4	87.4
2008	160	101.6	98.0	99.1	103.9	92.7	89.0
2009	191	102.2	97.9	98.7	101.7	90.6	85.8
2010	183	102.4	97.2	98.5	101.4	90.3	85.6
2011	161	102.5	97.3	98.3	99.7	89.1	84.8
2012	182	102.8	97.7	97.9	103.3	92.3	88.3
2013	204	102.7	97.4	97.9	101.8	91.4	87.6
2014	171	102.9	97.2	97.4	103.3	92.2	89.5
2015	171	102.7	98.3	97.7	95.3	85.1	82.3
2016	183	102.5	97.7	97.9	101.6	90.3	87.3
2017	163	102.3	98.3	98.3	100.3	89.5	87.4
2018	137	102.3	98.6	98.2	98.6	88.3	86.1
2019	147	102.6	98.0	97.8	100.7	89.8	87.2
2020	103	102.4	99.1	98.0	92.2	82.5	80.7
2021	93	102.6	99.1	97.7	92.4	82.0	80.4
2022	22	103.3	98.9	97.2	84.0	76.3	75.0

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	39	105.5	111.6	93.4	99.4	115.7	93.6	103.1	96.6	114.7	92.6	101.2
1981	28	105.1	111.6	93.0	99.0	115.7	93.7	102.8	96.3	114.8	92.2	100.9
1982	73	105.7	111.2	93.3	99.3	116.1	93.4	103.5	96.3	114.7	92.4	101.4
1983	61	104.5	111.0	94.8	99.3	114.7	94.9	102.5	96.1	113.7	94.2	100.1
1984	50	103.8	109.7	95.7	99.1	112.7	95.6	102.1	96.2	112.5	94.7	99.8
1985	56	104.7	110.6	95.3	99.2	114.4	94.9	102.9	96.1	113.5	94.2	100.4
1986	59	105.1	109.9	94.2	99.2	114.8	93.8	103.5	96.2	113.3	92.9	100.8
1987	69	105.7	109.0	94.0	99.0	114.7	93.2	104.0	96.3	112.8	92.1	101.3
1988	79	104.9	109.3	94.2	99.1	113.9	93.8	103.0	96.9	112.7	92.5	100.8
1989	81	104.6	109.1	94.7	98.8	113.8	94.3	102.6	97.0	112.7	92.9	100.6
1990	96	103.8	109.3	94.5	98.1	113.3	94.4	101.7	96.8	112.7	93.0	99.6
1991	129	103.9	109.7	94.4	98.8	112.9	94.7	101.6	97.2	112.6	93.1	99.9
1992	148	103.1	109.2	95.0	98.2	112.4	95.2	100.8	97.2	112.2	93.5	99.2
1993	172	102.3	108.8	94.8	98.0	111.4	95.5	99.9	97.9	111.7	93.4	98.5
1994	205	102.4	108.3	94.9	98.4	110.6	95.3	100.0	98.4	111.0	93.2	98.8
1995	187	103.0	109.0	95.7	98.2	112.0	95.4	100.4	98.1	111.8	93.9	99.0
1996	191	102.9	108.4	96.0	98.1	111.3	95.4	100.5	98.4	111.3	93.8	99.0
1997	264	102.6	107.5	96.3	97.5	110.8	95.2	100.2	98.3	110.8	93.8	98.4
1998	304	102.3	106.9	96.0	97.9	109.9	95.6	99.9	98.9	110.0	93.7	98.3
1999	310	101.9	107.4	95.8	97.8	110.0	95.6	99.5	98.8	110.3	93.6	98.0
2000	337	101.6	106.9	96.4	97.5	109.5	95.6	99.2	98.7	109.8	94.0	97.5
2001	330	101.4	106.7	96.4	97.1	109.2	95.6	98.9	99.2	109.6	93.9	97.0
2002	344	101.2	106.3	97.0	96.6	109.0	95.8	98.4	99.8	109.5	94.1	96.7
2003	347	101.1	106.3	96.3	97.1	108.8	95.7	98.6	99.1	109.2	94.1	96.6
2004	308	101.0	106.1	95.8	97.7	108.3	95.7	98.8	99.0	108.6	93.9	96.9
2005	252	100.7	105.0	96.4	97.4	107.3	96.2	98.6	99.2	107.6	94.5	96.6
2006	255	101.0	104.5	96.6	97.5	107.2	96.3	99.1	99.4	107.1	94.8	96.8

2007	256	100.7	104.4	97.2	97.7	106.6	97.0	98.7	99.4	106.9	95.1	97.0
2008	191	99.6	104.8	96.5	98.1	105.7	97.7	97.6	98.9	106.9	94.9	97.0
2009	219	99.6	104.0	97.2	97.8	105.1	97.8	97.6	99.5	106.4	95.0	96.9
2010	169	99.9	104.2	96.7	98.0	105.3	97.9	97.6	99.9	106.7	94.8	97.2
2011	148	99.9	104.1	96.7	97.8	105.5	97.4	97.6	99.9	106.6	94.5	97.0
2012	110	100.2	104.1	97.2	97.7	105.9	97.2	98.0	99.7	106.8	94.7	97.2
2013	95	100.0	104.0	97.1	98.1	105.4	98.2	97.6	100.7	106.7	95.1	97.5
2014	85	100.1	103.8	97.4	98.0	105.4	98.0	97.9	100.0	106.5	95.1	97.5
2015	59	99.9	104.7	96.8	98.5	105.5	97.9	97.7	99.8	106.7	95.2	97.3
2016	53	100.5	105.4	96.0	99.0	106.3	97.6	98.4	99.5	107.4	94.9	98.0
2017	46	99.9	104.7	96.1	98.6	105.3	98.0	97.8	99.6	106.8	94.8	97.8
2018	31	99.6	104.8	95.4	98.6	105.4	97.4	97.9	99.1	106.7	94.3	97.4
2019	17	100.6	105.3	96.4	99.0	106.2	97.8	98.6	99.0	107.8	94.7	98.6

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	20	97.0	94.8	99.0
1983	18	96.1	93.9	98.4
1984	17	95.2	93.1	98.1
1985	11	96.5	94.5	98.8
1986	28	96.8	94.6	98.9
1987	47	97.4	95.3	99.1
1988	61	96.4	94.4	98.9
1989	65	95.8	93.8	99.1
1990	80	95.2	93.3	99.2
1991	85	95.3	93.3	98.8
1992	109	95.1	93.1	98.6
1993	167	95.0	92.8	98.7
1994	254	94.0	91.7	98.1
1995	236	94.5	92.5	98.7
1996	260	94.6	92.7	98.8
1997	321	94.8	92.8	98.7
1998	422	94.8	92.6	98.6
1999	416	94.9	92.6	98.6
2000	473	94.3	92.0	98.1
2001	445	94.9	92.4	98.6
2002	460	94.7	92.3	98.3
2003	498	95.0	92.4	98.7
2004	471	95.3	92.4	99.0
2005	377	94.2	91.4	98.0
2006	379	93.7	91.0	97.5
2007	374	93.2	90.4	97.4
2008	316	92.9	90.0	97.2
2009	364	92.8	89.9	96.8
2010	350	93.1	90.2	97.1
2011	340	93.0	90.1	97.3
2012	383	93.4	90.6	97.7
2013	397	93.4	90.5	97.5
2014	379	92.9	90.2	97.6
2015	381	93.4	90.7	97.8
2016	361	94.0	91.4	98.4
2017	332	94.2	91.7	98.6
2018	294	93.9	91.5	98.6
2019	321	94.3	91.9	98.6
2020	313	94.8	92.4	98.8

2021	281	94.5	92.2	98.8
2022	33	94.8	92.3	98.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	200	-3076.5	-12316.3	-517.3	-444.1
2002	189	-3188.8	-12731.0	-535.2	-460.9
2003	186	-2949.7	-11857.1	-491.4	-428.1
2004	181	-2826.2	-11165.6	-477.0	-407.8
2005	151	-2763.9	-10898.5	-463.7	-400.5
2006	188	-2648.1	-10407.2	-448.6	-381.7
2007	182	-2570.7	-10100.2	-432.6	-371.9
2008	162	-2624.2	-10384.9	-444.4	-378.0
2009	187	-2514.4	-9921.2	-422.2	-364.2
2010	158	-2442.9	-9670.5	-412.4	-352.6
2011	182	-2389.6	-9361.0	-406.3	-343.9
2012	183	-2317.9	-9097.9	-392.5	-334.2
2013	221	-2466.9	-9793.1	-418.8	-354.9
2014	190	-2541.4	-10114.4	-429.8	-366.4
2015	175	-2297.1	-9172.6	-387.1	-331.8
2016	157	-1911.9	-7539.0	-323.5	-275.8
2017	167	-1731.5	-6810.3	-288.7	-252.0
2018	111	-1863.8	-7425.0	-309.6	-271.5
2019	142	-1712.8	-6688.5	-285.3	-249.6

Tabel: 220 Verbeterd Roodbont: Robot / AMS kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Eff	Int	Gewen
2009	10	95.3	93.1	103.6
2014	14	96.4	94.8	103.3

Tabel: 221 Verbeterd Roodbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	78	98.3	100.6	0	0.0	0.0	0	0.0
1981	61	97.6	100.3	0	0.0	0.0	0	0.0
1982	118	97.2	100.0	0	0.0	0.0	0	0.0
1983	116	97.5	100.4	0	0.0	0.0	0	0.0
1984	132	97.5	100.1	0	0.0	0.0	0	0.0
1985	114	97.0	99.6	165	-4.5	112.7	0	0.0
1986	144	97.0	99.5	183	-4.5	112.3	0	0.0
1987	201	96.7	99.5	213	-4.3	104.0	0	0.0
1988	184	96.2	99.3	189	-4.4	98.4	0	0.0
1989	176	96.7	99.4	179	-4.2	94.4	0	0.0
1990	177	96.8	100.0	177	-4.4	103.7	0	0.0

1991	160	96.0	99.0	160	-4.4	103.0	0	0.0
1992	173	97.2	99.1	175	-4.1	98.3	0	0.0
1993	165	95.7	99.2	166	-4.1	94.1	0	0.0
1994	158	96.2	98.9	159	-3.7	87.0	0	0.0
1995	164	96.6	99.5	164	-3.8	91.4	0	0.0
1996	133	96.9	99.5	133	-3.5	81.5	0	0.0
1997	159	96.8	99.2	159	-3.3	81.4	0	0.0
1998	205	96.3	98.5	205	-3.1	74.5	0	0.0
1999	196	96.2	98.7	196	-3.2	77.2	0	0.0
2000	222	96.2	98.2	222	-3.1	76.3	0	0.0
2001	202	96.0	98.0	202	-3.1	75.0	81	92.8
2002	190	96.0	98.1	190	-3.1	77.8	60	93.2
2003	188	96.9	98.8	188	-3.0	74.5	68	93.5
2004	180	96.5	98.6	180	-2.7	67.8	51	92.9
2005	155	96.4	98.4	155	-2.7	70.0	52	93.1
2006	188	97.3	98.4	188	-2.6	72.8	74	93.3
2007	182	97.4	98.4	182	-2.4	64.4	70	93.9
2008	162	97.5	98.9	163	-2.4	59.0	51	94.5
2009	186	97.6	98.8	186	-2.2	57.3	62	94.7
2010	158	97.7	98.9	158	-2.2	54.5	63	93.8
2011	182	97.1	98.8	182	-2.3	55.1	65	94.1
2012	183	97.3	99.1	183	-2.2	53.3	51	94.6
2013	220	97.0	98.9	220	-2.1	45.5	58	94.8
2014	189	96.9	98.8	190	-2.1	41.9	66	95.0
2015	176	97.2	98.5	176	-2.1	45.5	60	95.2
2016	157	97.4	98.2	157	-2.2	51.5	53	94.7
2017	166	97.2	98.3	167	-2.1	50.6	46	94.7
2018	109	97.6	98.1	111	-2.1	54.7	31	94.3
2019	129	97.7	98.4	133	-2.1	57.9	19	95.4

Tabel: 222 Verbeterd Roodbont: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	20	99.8	0	0.0	0	0.0	20	94.5
1988	18	99.8	0	0.0	0	0.0	18	94.2
1989	14	99.7	0	0.0	0	0.0	14	94.4
1990	14	99.8	0	0.0	0	0.0	14	94.9
1992	17	99.8	0	0.0	0	0.0	17	95.0
1993	23	99.7	0	0.0	0	0.0	23	94.1
1994	25	99.7	0	0.0	0	0.0	25	94.4
1995	27	99.6	0	0.0	0	0.0	27	94.5
1996	28	99.7	0	0.0	0	0.0	28	94.0
1997	45	99.5	0	0.0	0	0.0	45	93.6
1998	52	99.5	0	0.0	0	0.0	52	93.3
1999	41	99.5	0	0.0	0	0.0	41	93.8
2000	65	99.6	0	0.0	0	0.0	65	94.1
2001	63	99.7	0	0.0	0	0.0	63	94.6
2002	77	99.6	0	0.0	0	0.0	77	94.0
2003	69	99.6	0	0.0	0	0.0	69	94.2
2004	74	99.7	0	0.0	0	0.0	74	94.1
2005	67	99.7	0	0.0	0	0.0	67	94.4
2006	96	99.6	0	0.0	0	0.0	96	94.4
2007	120	99.7	0	0.0	0	0.0	120	94.7
2008	117	99.7	0	0.0	0	0.0	117	94.9
2009	139	99.7	0	0.0	0	0.0	139	94.7
2010	143	99.7	0	0.0	1	103.0	143	94.7

2011	171	99.7	0	0.0	0	0.0	171	95.0
2012	163	99.7	1	105.0	0	0.0	163	94.9
2013	193	99.8	0	0.0	0	0.0	193	95.6
2014	178	99.8	0	0.0	0	0.0	178	96.2
2015	163	99.8	0	0.0	0	0.0	163	96.3
2016	146	99.8	0	0.0	0	0.0	146	95.7
2017	152	99.9	0	0.0	0	0.0	152	95.8
2018	94	99.9	0	0.0	0	0.0	94	95.9
2019	122	99.9	0	0.0	0	0.0	122	95.8

Tabel: 223 Verbeterd Roodbont: Melkproductiekenmerken
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1989	14	-2237.1	-115.1	-88.1	-108.9	-37.9	-13.5	-14.4	-635.5
1990	18	-2088.7	-107.1	-85.8	-102.1	-33.1	-19.5	-13.8	-607.6
1991	19	-1938.8	-100.7	-81.4	-95.1	-32.3	-21.5	-13.2	-573.9
1994	10	-1994.0	-108.7	-83.5	-97.7	-45.3	-23.0	-13.4	-600.2
1998	15	-2500.2	-131.8	-97.9	-121.0	-54.6	-14.0	-15.4	-714.3
1999	15	-2161.0	-110.9	-85.0	-105.5	-37.0	-12.5	-14.5	-613.1
2000	15	-2288.1	-119.8	-90.1	-107.9	-44.7	-13.7	-6.9	-653.5
2001	12	-2587.7	-133.3	-97.8	-118.2	-48.6	-5.5	0.2	-716.2
2002	14	-2315.1	-123.3	-89.4	-107.7	-49.7	-9.7	-2.3	-658.0
2004	12	-2022.2	-105.7	-79.8	-84.8	-36.6	-11.9	19.2	-574.8
2005	12	-2351.9	-124.2	-92.6	-109.4	-47.9	-14.4	-3.2	-673.0
2006	17	-2276.1	-117.1	-86.4	-102.9	-38.6	-5.4	3.5	-631.2
2007	11	-2083.3	-112.5	-82.8	-97.4	-44.0	-12.5	-3.7	-604.9
2009	11	-2314.0	-118.0	-88.5	-109.8	-37.5	-7.5	-8.5	-643.9

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1988	12	97.4	104.4	100.6	102.6	100.1	102.5	115.6	101.9
1989	58	96.2	104.0	99.3	101.7	98.2	101.3	113.9	100.7
1990	81	95.4	104.3	98.6	101.3	97.5	101.5	112.1	100.3
1991	96	94.7	104.8	98.4	101.3	97.0	100.7	111.1	100.3
1992	140	95.6	104.0	98.4	101.1	97.5	101.3	109.5	100.0
1993	152	96.2	104.0	98.8	101.4	97.9	101.5	109.9	100.3
1994	183	95.9	103.8	98.4	101.1	97.4	101.3	108.6	99.9
1995	195	95.1	104.3	98.2	101.1	96.8	101.0	107.9	99.9
1996	188	95.0	104.2	97.9	100.9	96.6	100.9	107.9	99.6
1997	221	95.4	104.2	98.3	101.2	97.1	101.1	107.4	100.0
1998	214	95.4	104.1	98.1	101.0	97.0	101.0	106.9	99.9
1999	282	95.5	104.3	98.4	101.3	97.3	101.2	107.2	100.1
2000	255	95.0	104.7	98.3	101.5	97.1	101.0	107.8	100.2
2001	260	96.0	104.5	98.8	101.9	98.0	101.8	107.1	100.5
2002	245	96.4	104.3	99.1	101.9	98.3	102.0	107.4	100.7
2003	250	96.7	104.2	99.3	101.9	98.4	102.0	107.7	100.8
2004	262	97.1	103.9	99.3	102.0	98.7	102.0	107.8	100.8
2005	267	96.5	103.9	98.8	101.5	98.2	101.8	106.7	100.3
2006	270	96.7	104.0	99.0	101.8	98.5	102.0	106.1	100.5

2007	274	96.8	103.6	98.7	101.4	98.3	101.8	106.3	100.2
2008	256	96.7	103.9	98.9	101.7	98.4	101.5	106.1	100.4
2009	273	96.5	103.8	98.8	101.5	98.2	101.2	106.1	100.2
2010	277	97.0	103.7	99.1	101.7	98.6	101.4	106.7	100.5
2011	241	96.9	103.3	98.8	101.3	98.4	101.2	107.0	100.2
2012	214	97.2	103.2	99.1	101.4	98.7	101.2	107.1	100.4
2013	225	97.4	102.7	98.9	101.0	98.7	101.4	107.2	100.1
2014	235	97.5	102.5	98.9	100.9	98.8	101.5	107.5	100.0
2015	180	96.7	102.4	98.2	100.5	97.9	100.6	107.1	99.4
2016	194	97.1	101.9	98.2	100.2	98.0	100.6	107.0	99.2
2017	156	97.2	101.9	98.3	100.2	98.1	100.5	107.3	99.3
2018	130	97.1	102.0	98.4	100.2	98.1	100.7	107.6	99.4
2019	90	96.2	102.0	97.6	99.8	97.2	99.8	107.4	98.8
2020	22	96.4	102.6	98.2	100.5	97.5	100.6	108.0	99.5

Tabel: 225 Verbeterd Roodbont: NVI met onderliggende kenmerken
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1989	14	-192.4	-635.5	0.0	102.6	100.7	0.0	0.0	0.0	0.0
1990	18	-188.6	-607.6	0.0	101.5	100.3	0.0	0.0	0.0	0.0
1991	19	-186.9	-573.9	0.0	101.4	100.3	0.0	0.0	101.0	0.0
1994	10	-216.8	-600.2	0.0	100.0	99.9	0.0	0.0	97.0	0.0
1998	15	-262.7	-714.3	260.0	101.4	99.9	0.0	0.0	97.0	0.0
1999	15	-200.1	-613.1	0.0	102.2	100.1	0.0	0.0	0.0	0.0
2000	15	-224.3	-653.5	239.0	102.3	100.2	0.0	0.0	100.0	0.0
2001	12	-242.2	-716.2	209.0	102.2	100.5	0.0	0.0	0.0	0.0
2002	14	-229.9	-658.0	0.0	101.5	100.7	0.0	0.0	0.0	0.0
2004	12	-209.8	-574.8	294.0	101.9	100.8	0.0	0.0	0.0	0.0
2005	12	-228.3	-673.0	346.0	101.6	100.3	0.0	0.0	0.0	0.0
2006	17	-222.1	-631.2	305.0	102.1	100.5	0.0	0.0	98.0	0.0
2007	11	-217.3	-604.9	285.0	100.6	100.2	0.0	0.0	0.0	0.0
2009	11	-220.9	-643.9	343.0	102.8	100.2	0.0	0.0	0.0	0.0

Tabel: 226 Verbeterd Roodbont: Geboortekenmerken
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	19	129.2	104.4	64.5	0.0	0.0	0.0
1991	11	124.2	105.3	69.7	0.0	0.0	0.0
1992	17	127.4	103.1	65.9	0.0	0.0	0.0
1993	18	124.9	104.1	68.9	0.0	0.0	0.0
1994	29	124.0	102.9	69.7	6.1	6.8	7.8
1995	34	122.6	104.9	71.7	13.5	14.7	16.6
1996	29	119.9	105.7	75.0	18.7	20.6	24.4
1997	35	121.6	105.2	73.2	20.8	23.0	27.5
1998	50	122.5	105.6	71.9	5.4	6.0	7.0
1999	47	120.0	105.6	75.0	42.0	46.4	54.2
2000	53	118.1	106.9	76.6	52.3	58.2	68.2
2001	68	119.5	105.8	75.4	69.5	77.7	91.8
2002	86	120.4	104.2	74.6	70.8	81.7	95.5
2003	80	120.0	103.5	74.9	66.1	76.9	88.7
2004	119	119.2	103.5	76.2	70.3	82.2	94.8

2005	144	118.5	102.9	76.7	74.7	88.7	102.5
2006	143	119.8	102.2	75.3	72.5	86.2	97.8
2007	171	118.7	102.0	76.4	77.6	91.7	103.7
2008	173	119.1	102.1	75.5	78.7	93.3	106.0
2009	206	117.5	101.5	77.0	79.8	94.0	107.7
2010	184	116.6	101.5	77.8	79.5	94.2	107.7
2011	171	116.7	101.7	77.8	76.9	90.4	103.4
2012	148	116.0	101.3	78.5	79.5	93.4	108.2
2013	151	115.2	101.9	79.6	77.8	91.0	105.8
2014	136	114.3	101.9	80.4	83.0	97.9	114.0
2015	120	115.1	101.9	79.5	74.6	87.9	100.5
2016	118	114.9	101.7	80.1	73.4	86.1	97.7
2017	104	113.8	102.0	80.9	78.5	91.8	104.3
2018	82	112.8	101.3	82.4	80.7	94.0	107.2
2019	87	116.0	101.7	78.5	79.1	92.6	104.5
2020	51	113.0	102.5	82.5	63.3	73.8	84.6
2021	68	115.4	102.3	79.8	48.2	56.9	65.1

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1991	20	94.1	65.7	98.0	78.4	92.9	98.0	97.3	99.0	84.8	100.2	89.3
1992	35	94.1	64.8	97.9	77.5	93.0	97.8	97.3	99.0	84.8	99.9	89.3
1993	48	93.8	62.8	96.0	77.1	92.1	96.1	98.1	97.9	82.8	97.4	89.7
1994	47	94.0	64.2	96.0	77.4	93.0	96.1	98.2	97.6	83.9	97.3	89.9
1995	63	94.3	64.6	96.9	77.3	93.8	96.9	98.0	97.8	85.4	98.6	90.3
1996	66	93.9	65.0	96.4	77.2	94.2	96.9	97.4	97.4	86.0	98.5	90.2
1997	89	94.1	65.3	96.1	78.1	94.0	96.7	98.0	96.7	86.0	97.7	91.4
1998	88	94.3	67.1	96.3	78.8	95.3	97.1	98.1	96.4	87.3	98.1	91.7
1999	128	95.1	67.3	96.2	79.4	95.8	97.5	98.5	96.9	88.1	98.2	93.0
2000	110	96.2	70.2	96.5	81.1	97.7	98.1	99.1	96.8	90.2	98.6	94.9
2001	125	95.4	69.3	96.0	80.9	96.1	97.5	98.5	96.9	89.2	97.9	94.4
2002	108	95.7	69.5	95.7	81.4	95.9	97.4	98.7	97.2	89.1	97.7	94.7
2003	116	94.6	68.4	96.0	81.2	93.9	98.1	98.0	97.3	87.3	98.2	93.6
2004	135	95.1	68.8	95.4	81.8	93.9	96.9	98.9	97.1	87.1	97.1	94.2
2005	149	95.6	68.7	95.4	81.9	94.1	96.5	99.4	97.1	87.3	96.9	94.4
2006	151	95.3	67.9	95.2	80.7	94.5	95.8	99.3	96.8	87.3	96.2	93.8
2007	135	95.3	68.2	95.5	80.5	94.9	96.1	99.1	96.6	87.9	96.6	93.9
2008	101	94.9	67.0	95.5	79.8	94.1	95.8	99.0	96.4	87.1	96.1	93.5
2009	106	94.4	67.3	96.5	80.3	93.2	97.1	98.2	97.0	87.0	97.4	93.2
2010	61	95.2	69.7	97.2	82.1	93.7	97.4	98.8	97.8	87.9	98.0	94.4
2011	19	95.2	70.2	97.4	83.6	92.8	98.3	98.6	98.1	87.9	98.3	95.5

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1989	14	100.1	98.6	0	0.0	0.0	0	0.0
1990	18	100.1	98.8	0	0.0	0.0	0	0.0
1991	19	101.1	98.6	0	0.0	0.0	0	0.0
1994	10	100.0	98.5	0	0.0	0.0	0	0.0
1998	15	98.7	98.9	0	0.0	0.0	0	0.0

1999	15	99.9	99.2	0	0.0	0.0	0	0.0
2000	15	98.9	98.5	0	0.0	0.0	0	0.0
2001	12	100.0	99.5	0	0.0	0.0	0	0.0
2002	14	100.5	98.8	0	0.0	0.0	0	0.0
2004	12	100.8	98.4	0	0.0	0.0	0	0.0
2005	12	100.4	100.1	0	0.0	0.0	0	0.0
2006	17	101.9	101.2	0	0.0	0.0	0	0.0
2007	11	103.1	101.2	0	0.0	0.0	0	0.0
2009	11	103.9	102.4	0	0.0	0.0	0	0.0

Tabel: 229 Verbeterd Roodbont: Stofwisselingsaandoeningen
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2009	11	100.0	0	0.0	0	0.0	11	102.8

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1996	14	-1718.5	-88.6	-74.3	-85.1	-24.9	-22.6	-12.7	-516.4
1998	15	-1680.7	-91.2	-73.6	-83.4	-33.4	-24.1	-12.7	-518.3
1999	19	-1690.3	-90.7	-72.0	-83.9	-32.1	-19.8	-13.1	-510.9
2000	25	-1487.3	-84.7	-68.2	-74.6	-37.7	-26.6	-12.6	-479.9
2001	23	-1711.8	-97.3	-74.7	-84.0	-44.0	-23.9	-11.0	-535.9
2002	16	-1581.8	-91.7	-73.1	-80.4	-43.7	-29.9	-15.4	-516.3
2003	36	-1622.4	-95.0	-74.1	-80.1	-47.0	-29.3	-11.2	-527.4
2004	33	-1695.5	-92.8	-73.4	-82.8	-36.2	-22.5	-9.9	-520.8
2005	43	-1671.4	-95.7	-72.6	-82.5	-44.5	-22.7	-11.6	-523.4
2006	46	-1560.1	-91.6	-70.1	-77.1	-45.5	-25.4	-11.2	-503.0
2007	33	-1563.2	-94.2	-71.1	-76.5	-50.2	-26.6	-9.1	-512.4
2008	33	-1729.4	-98.0	-74.4	-84.5	-44.1	-21.9	-10.5	-536.1
2009	25	-1638.0	-96.3	-72.2	-77.4	-48.7	-23.8	-4.4	-521.5
2010	41	-1704.4	-99.4	-74.1	-81.1	-49.1	-23.0	-6.0	-537.1
2011	38	-1586.3	-93.6	-69.8	-73.4	-46.8	-22.6	-1.3	-504.9
2012	38	-1534.2	-89.9	-68.6	-71.8	-43.9	-23.7	-2.6	-491.8
2013	26	-1499.6	-90.1	-67.0	-69.2	-46.5	-22.8	-0.5	-484.7
2014	23	-1306.8	-82.4	-62.0	-60.0	-47.1	-26.9	0.1	-445.5
2015	20	-1621.8	-99.6	-73.6	-77.7	-56.5	-27.6	-5.8	-534.4
2016	14	-1402.8	-86.3	-65.2	-63.7	-47.1	-26.0	2.2	-467.6
2018	10	-904.5	-68.2	-51.5	-40.4	-50.3	-32.9	2.1	-366.5

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1995	10	100.9	105.2	101.2	103.8	101.4	95.0	86.0	102.5
1996	14	100.8	104.8	100.9	103.2	101.1	94.3	86.5	102.4

1998	16	99.9	104.9	100.7	102.8	100.6	94.2	86.5	102.2
1999	18	101.9	104.7	102.2	103.8	102.1	94.3	85.8	103.2
2000	28	101.2	105.0	101.9	103.6	101.7	94.4	86.5	103.1
2001	23	100.9	105.1	101.7	103.7	101.3	94.9	87.1	103.0
2002	16	102.4	105.1	102.7	104.3	102.9	96.4	86.2	103.7
2003	39	100.8	104.8	101.4	103.3	101.1	94.3	87.2	102.7
2004	35	101.0	104.9	101.5	103.7	101.4	94.6	86.5	102.8
2005	43	100.4	105.2	101.4	103.7	101.2	94.4	87.1	102.9
2006	47	101.3	105.0	102.0	103.9	101.8	94.4	87.0	103.2
2007	34	101.5	105.5	102.5	104.4	102.3	95.3	87.6	103.8
2008	33	101.2	105.2	101.9	103.7	101.7	94.6	86.4	103.1
2009	26	102.1	105.5	103.0	104.6	102.7	95.1	86.4	104.2
2010	52	102.2	105.0	102.5	104.1	102.6	94.6	86.2	103.6
2011	47	102.1	105.4	102.9	104.6	102.9	95.1	86.7	104.0
2012	44	102.1	105.2	102.7	104.3	102.7	94.9	86.9	103.8
2013	29	101.7	105.5	102.8	104.5	102.5	94.7	87.4	104.0
2014	25	102.8	104.7	103.1	104.2	103.2	94.8	87.5	104.0
2015	27	102.4	105.3	103.0	104.5	102.9	95.2	87.3	104.1
2016	16	102.5	105.8	103.6	105.1	103.2	95.0	87.7	104.7
2017	11	102.7	104.7	103.3	104.2	103.3	95.4	87.3	104.0
2018	13	102.2	104.8	102.9	104.2	102.7	94.2	87.8	103.8

Tabel: 232 Belgisch Blauw Mixt: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1996	14	-118.0	-516.4	246.0	104.1	102.4	0.0	0.0	0.0	0.0
1998	15	-122.7	-518.3	240.7	103.1	102.2	0.0	0.0	0.0	0.0
1999	19	-106.8	-510.9	220.1	103.8	103.2	0.0	0.0	0.0	0.0
2000	25	-91.5	-479.9	227.3	104.0	103.1	0.0	0.0	0.0	0.0
2001	23	-116.0	-535.9	172.0	103.7	103.0	0.0	0.0	0.0	0.0
2002	16	-103.6	-516.3	178.7	104.0	103.7	0.0	0.0	0.0	0.0
2003	36	-113.0	-527.4	210.9	103.7	102.7	0.0	0.0	0.0	0.0
2004	33	-106.7	-520.8	244.8	103.5	102.8	0.0	0.0	0.0	0.0
2005	43	-115.7	-523.4	243.1	102.5	102.9	0.0	0.0	0.0	0.0
2006	46	-105.5	-503.0	223.9	102.7	103.2	0.0	0.0	0.0	0.0
2007	33	-107.8	-512.4	197.8	103.3	103.8	0.0	0.0	0.0	0.0
2008	33	-119.1	-536.1	207.7	103.0	103.1	0.0	0.0	0.0	0.0
2009	25	-98.4	-521.5	226.1	103.5	104.2	0.0	0.0	0.0	0.0
2010	41	-106.1	-537.1	221.5	104.0	103.6	0.0	0.0	0.0	0.0
2011	38	-97.7	-504.9	227.7	103.3	104.0	0.0	0.0	0.0	0.0
2012	38	-91.9	-491.8	249.9	103.4	103.8	0.0	0.0	0.0	0.0
2013	26	-98.2	-484.7	236.4	102.9	104.0	0.0	0.0	0.0	0.0
2014	23	-90.0	-445.5	180.5	103.3	104.0	0.0	0.0	0.0	0.0
2015	20	-116.9	-534.4	235.0	102.8	104.1	0.0	0.0	0.0	0.0
2016	14	-95.8	-467.6	216.0	102.4	104.7	0.0	0.0	0.0	0.0
2018	10	-77.8	-366.5	153.5	102.7	103.8	0.0	0.0	0.0	0.0

Tabel: 233 Belgisch Blauw Mixt: Geboortekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1996	10	77.5	104.5	121.3	60.4	45.3	43.4

1999	17	77.5	104.8	121.3	72.1	53.5	50.1
2000	24	77.4	104.7	121.5	75.6	57.2	53.7
2001	19	78.1	104.6	120.9	89.8	67.7	63.1
2002	15	78.2	105.5	120.5	113.2	85.5	80.7
2003	25	77.3	105.0	121.7	97.7	73.6	69.0
2004	26	77.5	104.5	121.3	107.3	81.4	76.2
2005	33	78.1	104.4	120.9	104.1	78.1	73.0
2006	33	77.4	105.1	121.8	107.3	81.0	75.7
2007	28	78.5	104.8	120.4	114.2	84.9	79.2
2008	23	77.6	104.8	121.1	105.4	79.5	74.1
2009	21	78.4	103.8	120.1	98.7	73.5	68.8
2010	36	76.9	105.1	121.9	101.6	76.2	71.9
2011	32	76.7	105.1	122.4	117.5	88.9	83.3
2012	27	78.5	104.7	120.2	113.8	84.1	78.6
2013	18	76.5	107.9	122.5	113.9	87.3	83.1
2014	21	77.6	106.2	121.1	103.8	78.5	74.1
2015	18	77.1	104.7	121.5	94.2	71.3	66.9
2016	16	79.0	103.9	120.1	107.7	79.1	75.1
2017	14	77.9	105.8	120.6	95.1	71.6	68.7

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2003	13	105.6	129.6	101.2	117.5	110.3	105.4	101.2	101.9	116.5	105.6	107.2
2004	12	105.3	128.6	101.1	117.8	109.0	105.4	101.1	101.8	115.7	105.5	107.4
2005	12	105.2	126.6	101.2	115.9	108.8	105.1	100.8	102.2	114.1	105.2	105.8
2006	19	104.3	124.6	101.2	114.7	108.1	105.1	100.5	101.5	113.4	105.1	105.4
2008	15	105.0	126.5	101.2	116.5	108.7	105.6	101.0	101.5	114.5	106.0	106.1
2010	13	106.7	128.7	101.4	118.3	110.1	106.2	102.0	102.5	115.6	106.1	108.2
2011	14	104.6	128.6	101.8	118.1	108.0	105.6	100.4	100.9	115.7	105.9	107.9

Tabel: 235 Belgisch Blauw Mixt: Levensproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	21	-1420.4	-4040.9	-256.1	-201.9
2002	14	-1268.0	-3099.9	-222.8	-185.1
2003	31	-1222.6	-2889.8	-221.3	-175.3
2004	32	-1059.0	-2651.0	-186.8	-153.8
2005	37	-976.6	-2118.9	-183.2	-137.4
2006	40	-1040.8	-2321.2	-193.0	-147.4
2007	31	-1194.5	-2775.4	-223.1	-167.9
2008	26	-1260.9	-3352.7	-232.5	-177.3
2009	22	-1101.9	-2553.3	-207.2	-154.1
2010	29	-1083.2	-2433.7	-201.8	-152.8
2011	37	-1060.6	-2480.7	-201.3	-147.3
2012	34	-882.3	-1741.8	-168.5	-123.1
2013	22	-854.2	-1644.4	-167.8	-116.9
2014	21	-1013.0	-2181.7	-188.0	-143.5
2015	18	-1118.1	-2221.8	-215.7	-154.7
2016	13	-862.9	-1514.9	-160.5	-123.0

Tabel: 236 Belgisch Blauw Mixt: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1996	14	98.8	96.4	0	0.0	0.0	0	0.0
1998	15	95.9	95.3	0	0.0	0.0	0	0.0
1999	19	96.2	96.3	0	0.0	0.0	0	0.0
2000	25	96.1	95.5	0	0.0	0.0	0	0.0
2001	23	96.4	95.7	0	0.0	0.0	0	0.0
2002	16	99.2	98.1	0	0.0	0.0	0	0.0
2003	36	98.1	96.1	0	0.0	0.0	0	0.0
2004	33	96.9	96.6	0	0.0	0.0	0	0.0
2005	43	97.4	96.9	0	0.0	0.0	0	0.0
2006	46	96.8	96.3	0	0.0	0.0	0	0.0
2007	33	97.2	96.0	0	0.0	0.0	0	0.0
2008	33	96.4	97.2	0	0.0	0.0	0	0.0
2009	25	97.2	97.1	0	0.0	0.0	0	0.0
2010	41	97.0	97.0	0	0.0	0.0	0	0.0
2011	38	97.8	97.4	0	0.0	0.0	0	0.0
2012	38	96.4	97.2	0	0.0	0.0	0	0.0
2013	26	96.8	97.5	0	0.0	0.0	0	0.0
2014	23	98.3	98.2	0	0.0	0.0	0	0.0
2015	20	98.0	99.0	0	0.0	0.0	0	0.0
2016	14	98.1	97.9	0	0.0	0.0	0	0.0
2018	10	99.0	97.5	0	0.0	0.0	0	0.0

Tabel: 237 Belgisch Blauw Mixt: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1996	11	100.0	0	0.0	0	0.0	11	96.7
1998	12	99.8	0	0.0	0	0.0	12	96.3
1999	18	100.0	0	0.0	0	0.0	18	97.3
2000	24	99.9	0	0.0	0	0.0	24	96.8
2001	21	100.0	0	0.0	0	0.0	21	97.0
2002	16	99.8	0	0.0	0	0.0	16	95.7
2003	28	99.9	0	0.0	0	0.0	28	96.2
2004	29	99.9	0	0.0	0	0.0	29	96.5
2005	36	100.0	0	0.0	0	0.0	36	96.8
2006	43	100.0	0	0.0	0	0.0	43	96.7
2007	31	99.9	0	0.0	0	0.0	31	96.6
2008	28	99.9	0	0.0	0	0.0	28	97.1
2009	24	100.0	0	0.0	0	0.0	24	97.4
2010	43	99.9	0	0.0	0	0.0	43	97.7
2011	41	100.0	0	0.0	0	0.0	41	97.9
2012	40	100.0	0	0.0	0	0.0	40	97.7
2013	27	100.0	0	0.0	0	0.0	27	97.4
2014	23	100.0	0	0.0	0	0.0	23	98.1
2015	21	100.0	0	0.0	0	0.0	21	97.2
2016	12	100.0	0	0.0	0	0.0	12	96.9
2018	12	99.9	0	0.0	0	0.0	12	97.9

Tabel: 238 Witrood: Melkproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1993	13	-1119.5	-53.9	-52.2	-57.6	-7.2	-20.0	-11.5	-344.5
1995	10	-1137.5	-52.2	-53.3	-58.5	-3.1	-21.3	-11.7	-345.6
1997	12	-1046.9	-47.5	-49.0	-54.5	-0.8	-19.3	-11.8	-317.2
1999	11	-934.3	-50.8	-46.4	-49.4	-16.5	-21.5	-11.7	-311.7
2000	13	-1099.6	-56.9	-52.8	-57.0	-14.5	-22.7	-12.1	-353.0
2001	18	-797.3	-49.9	-43.7	-43.1	-23.9	-24.6	-11.3	-296.7
2002	17	-1080.4	-57.0	-51.6	-54.8	-16.2	-21.6	-9.3	-348.0
2003	14	-873.4	-48.9	-43.5	-36.4	-17.4	-20.1	6.9	-292.1
2004	22	-874.2	-48.5	-44.8	-32.6	-17.1	-21.8	13.9	-295.4
2005	34	-965.0	-55.9	-47.5	-38.7	-23.1	-21.1	10.4	-323.7
2006	29	-986.8	-51.6	-46.3	-43.9	-13.2	-17.7	2.7	-311.5
2007	21	-739.8	-45.5	-40.6	-30.6	-21.3	-22.7	6.2	-271.2
2008	20	-834.0	-47.3	-43.5	-30.9	-15.8	-21.5	13.6	-287.0
2009	24	-913.4	-51.5	-45.7	-36.7	-19.2	-21.1	10.4	-306.5
2010	26	-897.5	-56.6	-45.3	-42.3	-29.3	-21.2	-1.7	-317.1
2011	18	-815.1	-50.0	-42.0	-38.1	-24.5	-21.4	-0.8	-288.8
2012	30	-842.9	-50.9	-41.9	-35.3	-22.9	-18.6	6.6	-289.4
2013	28	-856.1	-54.1	-44.4	-37.0	-27.9	-22.6	4.6	-306.6
2014	23	-921.7	-57.0	-44.8	-40.7	-28.3	-18.9	3.3	-315.7
2015	14	-987.9	-59.6	-48.6	-42.0	-27.6	-21.8	6.6	-337.2
2016	15	-938.0	-57.9	-45.6	-42.1	-28.8	-19.5	1.9	-321.3
2017	11	-557.2	-47.8	-35.1	-22.6	-38.5	-24.6	5.2	-251.2
2018	11	-676.9	-47.2	-39.6	-24.6	-29.2	-24.9	12.2	-268.9

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

Tabel: 239 Witrood: Vruchtbaarheidkenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1993	13	103.1	102.8	102.2	102.5	102.5	100.8	92.1	102.5
1995	10	102.6	103.5	102.2	102.8	102.5	100.3	93.0	102.8
1997	12	101.8	103.3	101.3	102.2	101.6	99.3	93.2	102.0
1999	11	102.5	104.0	102.8	103.4	102.6	100.4	93.9	103.5
2000	13	103.5	105.0	104.0	104.6	103.7	101.3	93.7	104.8
2001	19	101.9	103.0	101.8	102.3	101.7	99.9	94.7	102.4
2002	19	102.2	103.5	102.4	102.7	101.9	99.6	93.8	103.1
2003	15	102.9	103.5	103.2	103.5	102.9	100.9	94.6	103.7
2004	22	101.7	103.9	102.2	102.7	101.7	98.7	93.8	103.0
2005	36	102.7	103.1	102.4	102.5	102.3	99.5	93.8	102.8
2006	32	102.5	103.6	102.7	103.2	102.5	99.6	94.2	103.3
2007	22	102.5	103.1	102.5	102.5	102.3	99.3	93.9	103.1
2008	28	102.8	102.5	102.2	102.0	102.2	99.7	92.4	102.5
2009	26	102.6	103.2	102.5	102.6	102.4	99.4	92.5	103.1
2010	35	103.3	102.1	102.5	102.0	102.8	99.9	92.8	102.7
2011	23	102.6	102.2	102.0	101.7	102.2	99.4	92.7	102.4
2012	36	102.5	102.2	101.7	101.6	102.1	99.0	92.5	102.1
2013	39	102.5	102.7	102.3	102.2	102.3	99.6	93.3	102.6
2014	29	101.9	102.3	101.3	101.5	101.4	97.9	92.3	101.9
2015	16	102.0	102.8	101.8	102.1	101.9	99.0	93.0	102.3
2016	17	102.4	102.7	102.2	102.5	102.4	98.9	92.9	102.7

2017	12	101.9	103.0	101.9	102.4	101.8	98.9	95.5	102.5
2018	11	101.7	102.5	101.7	101.9	101.6	99.6	94.1	102.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1993	13	-156.0	-344.5	-164.6	103.1	102.5	92.0	94.4	98.4	6.5
1995	10	-153.0	-345.6	-219.2	102.7	102.8	95.0	96.0	97.5	-0.2
1997	12	-156.1	-317.2	-172.3	102.1	102.0	92.5	93.5	98.6	8.4
1999	11	-144.9	-311.7	-242.8	102.1	103.5	93.8	95.0	98.8	12.5
2000	13	-135.5	-353.0	-200.1	101.9	104.8	95.0	95.5	98.2	20.4
2001	18	-140.7	-296.7	-242.1	101.4	102.4	94.5	96.0	98.3	1.1
2002	17	-196.7	-348.0	-351.1	99.6	103.1	90.0	94.0	98.6	-5.2
2003	14	-158.2	-292.1	-342.2	99.4	103.7	94.0	92.8	98.4	6.0
2004	22	-150.7	-295.4	-219.9	100.8	103.0	93.3	94.7	98.2	-0.3
2005	34	-154.7	-323.7	-204.2	100.9	102.8	93.0	97.3	97.9	5.9
2006	29	-174.5	-311.5	-305.1	98.9	103.3	93.0	95.5	98.3	1.7
2007	21	-143.6	-271.2	-196.0	100.3	103.1	0.0	0.0	98.7	-2.5
2008	20	-136.1	-287.0	-115.5	100.5	102.5	0.0	0.0	97.9	2.6
2009	24	-137.2	-306.5	-197.0	100.8	103.1	96.0	98.0	98.3	6.8
2010	26	-142.5	-317.1	-205.2	100.8	102.7	0.0	0.0	98.1	7.0
2011	18	-150.4	-288.8	-237.4	99.2	102.4	91.0	93.0	98.2	16.0
2012	30	-132.2	-289.4	-224.4	101.4	102.1	0.0	0.0	98.4	12.2
2013	28	-140.5	-306.6	-240.6	100.9	102.6	0.0	0.0	98.1	8.6
2014	23	-159.0	-315.7	-308.9	99.6	101.9	0.0	0.0	97.9	6.7
2015	14	-157.5	-337.2	-339.9	100.9	102.3	0.0	0.0	98.4	14.4
2016	15	-175.7	-321.3	-418.2	98.3	102.7	0.0	0.0	98.6	13.1
2017	11	-127.5	-251.2	-253.3	98.7	102.5	0.0	0.0	98.7	8.0
2018	11	-112.1	-268.9	-248.2	99.6	102.2	0.0	0.0	98.2	29.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2002	11	103.6	96.9	103.6	96.9	97.0	99.5
2004	18	102.8	96.6	102.8	96.6	96.4	99.4
2005	28	102.0	96.7	102.0	96.7	95.8	99.2
2006	24	103.0	96.6	103.0	96.6	96.5	99.3
2007	20	103.4	96.8	103.4	96.8	96.5	99.5
2008	23	102.9	96.6	102.9	96.6	96.2	99.0
2009	21	103.2	97.0	103.2	97.0	96.6	99.2
2010	25	102.9	96.9	102.9	96.9	96.8	99.5
2011	19	103.0	96.8	103.0	96.8	96.6	99.1
2012	31	103.1	96.7	103.1	96.7	96.8	99.2
2013	33	103.0	96.5	103.0	96.5	96.5	99.0
2014	26	102.7	96.6	102.7	96.6	96.6	99.1
2015	13	102.9	96.8	102.9	96.8	96.5	99.3
2016	15	102.9	96.9	102.9	96.9	96.5	99.4
2017	12	103.0	97.1	103.0	97.1	96.3	99.8

Tabel: 242 Witrood: Geboortekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1993	13	88.8	105.2	122.5	105.7	95.8	97.9
2002	10	87.8	104.2	124.2	105.9	96.7	100.3
2003	10	87.2	103.6	124.8	107.8	95.7	98.5
2004	11	86.5	103.9	125.5	107.5	95.9	100.0
2005	21	87.5	103.6	124.5	106.9	95.0	97.6
2006	20	87.8	103.2	124.2	107.7	95.2	99.0
2007	15	89.1	104.0	122.6	92.0	84.0	86.3
2008	10	86.3	104.5	125.5	106.8	95.8	98.8
2009	13	86.0	105.9	125.6	89.7	81.3	84.5
2010	15	87.0	105.1	125.3	98.7	89.3	93.2
2011	12	85.1	106.2	126.7	96.8	88.5	90.8
2012	14	85.9	105.6	126.2	105.6	94.3	98.8
2013	15	86.3	105.6	125.5	98.1	89.3	92.5

Tabel: 243 Witrood: Vleeskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2000	11	100.8	104.4	97.7	107.7	101.6	103.0	100.7	99.9	98.9	105.1	96.7
2001	14	101.6	105.9	97.5	110.0	101.6	103.4	101.4	100.7	99.3	105.1	98.3
2002	14	101.0	104.4	97.0	110.6	99.7	103.3	101.4	100.6	96.9	105.2	97.5
2003	11	101.0	102.5	99.1	108.8	98.9	103.5	101.0	101.0	97.1	104.9	98.1
2004	21	100.7	105.5	97.8	108.9	101.4	103.7	100.2	100.2	99.3	105.1	97.3
2005	34	100.7	105.4	97.8	108.8	101.7	103.5	100.5	99.9	99.8	104.9	97.6
2006	30	100.9	105.6	97.2	110.2	100.7	103.6	100.8	100.3	99.0	104.9	98.3
2007	20	99.4	103.1	98.3	108.5	99.1	104.5	99.3	100.0	97.5	105.4	96.4
2008	22	100.0	103.1	98.0	109.3	98.9	104.2	100.3	100.3	97.2	104.7	98.0
2009	19	99.6	103.4	97.8	108.9	99.2	103.8	99.8	100.1	96.9	104.8	96.4
2010	23	99.3	103.0	98.0	108.0	99.3	103.9	99.4	100.2	97.0	105.0	95.7
2011	17	99.6	102.1	98.6	107.5	98.9	103.7	99.7	100.4	96.7	104.8	96.2
2012	23	98.6	101.9	99.0	107.7	97.5	104.0	98.8	100.3	95.7	104.8	95.4
2013	19	98.9	103.2	99.2	108.3	98.4	104.7	98.8	100.5	96.6	105.6	96.0
2014	13	99.8	104.8	98.9	109.6	99.5	104.5	100.1	100.4	97.7	105.6	97.1

Tabel: 244 Witrood: Levensproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	18	-2579.3	-9376.6	-436.3	-374.6
2002	17	-3290.4	-12589.6	-553.9	-476.8
2003	14	-3121.6	-11908.1	-527.5	-450.1
2004	22	-2504.7	-9280.9	-414.4	-366.1
2005	34	-2456.5	-8965.3	-414.6	-355.7
2006	29	-2962.5	-11339.6	-498.9	-428.3
2007	21	-2278.8	-8182.0	-382.2	-331.9
2008	20	-1929.8	-6850.1	-316.9	-284.2
2009	24	-2401.9	-8795.8	-401.8	-349.1

2010	26	-2467.3	-8924.8	-425.8	-353.4
2011	17	-2581.5	-9548.0	-440.8	-371.4
2012	30	-2483.8	-9156.7	-424.9	-356.5
2013	28	-2647.1	-9674.9	-454.4	-379.6
2014	23	-3004.1	-11287.7	-518.7	-428.3
2015	14	-3242.9	-12128.5	-557.3	-463.6
2016	15	-3585.8	-13688.0	-619.5	-510.5
2017	11	-2531.5	-8986.9	-444.9	-358.7
2018	12	-2575.0	-9283.2	-441.6	-369.3

Tabel: 245 Witrood: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1993	13	99.2	96.1	13	-2.3	6.5	0	0.0
1995	10	97.3	96.0	10	-2.2	-0.2	0	0.0
1997	12	98.0	96.2	12	-2.1	8.4	0	0.0
1999	11	97.6	96.8	11	-2.2	12.5	0	0.0
2000	13	96.8	97.0	13	-2.6	20.4	0	0.0
2001	18	98.5	96.6	18	-1.9	1.1	2	101.5
2002	17	95.7	96.2	17	-2.1	-5.2	2	103.5
2003	14	96.4	96.6	14	-1.9	6.0	5	101.0
2004	22	98.0	97.1	22	-1.8	-0.3	3	101.3
2005	34	98.6	97.1	34	-2.1	5.9	3	101.7
2006	29	97.0	96.4	29	-2.0	1.7	2	104.5
2007	21	98.9	96.7	21	-1.6	-2.5	0	0.0
2008	20	99.9	96.3	20	-1.8	2.6	0	0.0
2009	24	99.0	96.6	24	-2.0	6.8	1	102.0
2010	26	98.0	96.4	26	-2.1	7.0	0	0.0
2011	18	98.1	95.9	18	-2.1	16.0	1	102.0
2012	30	98.4	96.5	30	-2.0	12.2	0	0.0
2013	28	97.8	96.9	28	-2.1	8.6	0	0.0
2014	23	98.4	96.3	23	-2.1	6.7	0	0.0
2015	14	97.6	96.4	14	-2.4	14.4	0	0.0
2016	15	97.0	95.4	15	-2.3	13.1	0	0.0
2017	11	99.5	96.6	11	-1.7	8.0	0	0.0
2018	11	101.3	96.2	11	-2.1	29.6	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1993	10	99.6	0	0.0	0	0.0	10	94.6
2000	10	99.7	0	0.0	0	0.0	10	94.5
2001	16	99.6	0	0.0	0	0.0	16	94.1
2002	13	99.8	0	0.0	0	0.0	13	94.5
2003	11	99.8	0	0.0	0	0.0	11	94.2
2004	19	99.5	0	0.0	0	0.0	19	93.8
2005	23	99.8	0	0.0	0	0.0	23	95.0
2006	25	99.7	0	0.0	0	0.0	25	94.7
2007	18	99.4	0	0.0	0	0.0	18	93.8
2008	18	99.7	0	0.0	0	0.0	18	94.6
2009	23	99.8	0	0.0	0	0.0	23	95.5

2010	26	99.7	0	0.0	0	0.0	26	94.5
2011	16	99.7	0	0.0	0	0.0	16	94.8
2012	30	99.8	0	0.0	0	0.0	30	95.3
2013	28	99.6	0	0.0	0	0.0	28	94.6
2014	22	99.7	0	0.0	0	0.0	22	95.1
2015	14	99.8	0	0.0	0	0.0	14	95.3
2016	15	99.9	0	0.0	0	0.0	15	96.1
2017	11	99.8	0	0.0	0	0.0	11	95.0
2018	12	99.7	0	0.0	0	0.0	12	95.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	29	93.9	104.3	97.1	101.4	95.0	94.4	113.7	99.1
1981	33	94.9	103.8	97.5	101.5	95.6	93.8	113.6	99.4
1982	60	94.6	103.4	96.8	100.8	95.1	93.1	112.5	98.5
1983	83	94.5	103.7	97.1	101.3	95.4	94.3	113.8	98.9
1984	87	94.4	103.8	97.0	101.3	95.2	94.0	114.2	98.8
1985	106	95.0	103.7	97.7	101.4	95.9	94.7	114.5	99.4
1986	148	95.2	103.8	98.0	101.6	96.3	95.2	113.9	99.7
1987	201	95.0	103.0	97.6	100.9	95.8	95.0	113.6	99.1
1988	273	95.2	102.9	97.9	100.9	96.1	95.6	114.3	99.3
1989	416	95.4	103.1	98.3	101.1	96.4	95.8	114.1	99.7
1990	507	95.2	103.0	98.1	101.1	96.2	95.7	113.7	99.5
1991	617	95.1	102.8	97.9	100.8	96.0	95.7	113.2	99.2
1992	717	95.1	102.7	97.9	100.7	95.9	95.5	111.3	99.2
1993	765	95.1	102.4	97.7	100.5	95.7	95.4	110.7	98.9
1994	821	95.2	102.3	97.6	100.4	95.8	95.6	109.0	98.9
1995	926	95.4	102.1	97.7	100.3	95.9	95.8	108.4	98.9
1996	906	95.6	101.9	97.8	100.2	96.1	96.0	107.2	98.9
1997	1014	95.7	101.9	97.9	100.2	96.2	96.2	106.9	99.0
1998	1128	96.0	101.8	98.2	100.3	96.5	96.4	105.7	99.2
1999	1138	96.1	101.8	98.3	100.4	96.7	96.9	105.3	99.2
2000	1322	96.0	101.8	98.3	100.2	96.7	97.0	103.9	99.2
2001	1297	96.2	101.7	98.4	100.3	96.9	97.2	103.1	99.3
2002	1358	96.5	101.7	98.6	100.4	97.2	97.4	101.7	99.4
2003	1425	96.7	101.5	98.6	100.3	97.4	97.5	100.9	99.4
2004	1523	96.9	101.2	98.6	100.0	97.4	97.5	99.6	99.3
2005	1665	97.2	101.0	98.7	100.1	97.6	97.7	98.9	99.3
2006	1753	97.4	100.9	98.8	100.0	97.8	98.0	97.8	99.3
2007	1751	97.9	100.7	98.9	99.9	98.1	98.4	96.9	99.4
2008	1812	98.0	100.6	99.0	99.8	98.2	98.7	96.9	99.4
2009	1696	98.3	100.4	99.1	99.8	98.4	98.9	97.0	99.4
2010	1747	98.3	100.3	99.2	99.8	98.5	99.3	97.5	99.5
2011	1768	98.8	100.0	99.4	99.7	98.9	99.9	97.0	99.6
2012	1644	99.2	99.9	99.7	99.8	99.2	100.4	96.9	99.7
2013	1536	99.6	99.6	99.9	99.6	99.5	101.1	96.7	99.8
2014	1490	99.9	99.5	100.0	99.7	99.7	101.4	96.7	99.9
2015	1280	100.1	99.4	100.2	99.6	99.9	101.7	96.6	99.9
2016	1221	100.4	99.1	100.2	99.5	100.1	101.7	96.4	99.8
2017	978	100.4	99.2	100.2	99.5	100.1	101.8	96.5	99.9
2018	831	100.6	98.8	100.2	99.3	100.1	101.8	95.9	99.8
2019	562	100.5	98.8	100.1	99.2	100.0	101.5	96.0	99.6
2020	202	100.4	98.8	100.0	99.1	99.8	101.5	95.9	99.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	23	94.4	0.0	94.4	0.0	85.6	0.0
1988	36	94.3	2.8	94.3	2.8	84.8	2.6
1989	50	94.9	0.0	94.9	0.0	85.8	0.0
1990	47	94.9	0.0	94.9	0.0	85.9	0.0
1991	45	95.0	0.0	95.0	0.0	85.8	0.0
1992	56	95.1	1.8	95.1	1.8	86.2	1.7
1993	43	94.8	0.0	94.8	0.0	85.8	0.0
1994	61	95.2	0.0	95.2	0.0	86.3	0.0
1995	50	95.1	4.0	95.1	4.0	86.2	3.8
1996	46	94.9	2.2	94.9	2.2	86.1	2.1
1997	46	95.6	0.0	95.6	0.0	86.9	0.0
1998	50	95.6	0.0	95.6	0.0	87.2	0.0
1999	62	95.5	3.3	95.5	3.3	87.0	3.1
2000	74	95.5	0.0	95.5	0.0	86.7	0.0
2001	62	96.0	1.6	96.0	1.6	87.1	1.6
2002	51	95.8	4.0	95.8	4.0	87.2	3.8
2003	48	95.6	2.1	95.6	2.1	86.7	2.0
2004	52	95.6	2.0	95.6	2.0	87.2	1.9
2005	47	96.7	0.0	96.7	0.0	88.0	0.0
2006	42	96.5	0.0	96.5	0.0	88.0	0.0
2007	45	97.0	2.2	97.0	2.2	88.0	2.1
2008	39	96.8	2.6	96.8	2.6	88.0	2.5
2009	37	97.1	2.7	97.1	2.7	88.8	2.6
2010	44	96.9	0.0	96.9	0.0	88.5	0.0
2011	47	96.5	0.0	96.5	0.0	87.9	0.0
2012	42	96.3	0.0	96.3	0.0	87.6	0.0
2013	25	96.3	0.0	96.3	0.0	87.4	0.0
2014	15	97.0	0.0	97.0	0.0	89.1	0.0
2015	16	96.8	0.0	96.8	0.0	87.9	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	11	105.9	101.0	92.9	9.1	9.4	9.0
1981	10	105.2	101.8	93.7	39.3	41.6	40.9
1982	37	107.3	100.6	91.2	19.4	19.3	19.0
1983	40	107.5	100.3	91.0	30.4	30.6	29.9
1984	44	106.5	100.4	92.0	32.1	32.1	31.5
1985	48	108.7	99.7	89.8	31.6	31.5	30.9
1986	67	107.3	100.0	91.2	45.4	45.4	44.7
1987	104	106.1	100.4	92.3	54.3	54.4	52.6
1988	120	104.8	100.5	93.4	73.2	73.3	71.1
1989	164	106.7	100.0	91.4	74.2	75.3	73.3
1990	200	105.6	99.8	92.2	68.3	68.5	65.8
1991	175	106.6	99.4	91.4	68.1	68.4	66.3
1992	204	105.7	99.6	92.1	76.0	76.7	74.4
1993	216	105.5	99.7	92.4	63.3	63.8	62.2
1994	255	105.8	99.3	92.1	77.4	78.5	76.8
1995	278	105.6	99.3	92.2	71.8	72.2	70.6

1996	288	105.1	99.1	92.7	77.9	78.5	76.8
1997	332	105.3	99.5	92.4	73.1	73.5	71.7
1998	403	105.9	98.6	92.0	77.6	77.9	75.9
1999	438	105.9	98.8	91.9	82.1	82.8	80.7
2000	509	105.3	98.8	92.3	87.2	87.6	84.7
2001	500	105.1	98.9	92.7	88.9	89.0	86.2
2002	580	104.9	98.8	92.9	89.0	89.2	86.3
2003	694	105.4	98.6	92.4	92.6	92.4	89.8
2004	868	104.7	98.9	93.3	94.7	94.9	93.0
2005	1012	104.5	99.0	93.5	95.4	95.7	93.8
2006	1058	104.8	98.7	93.0	95.5	95.3	93.3
2007	1415	104.1	98.7	93.9	97.2	97.2	95.2
2008	1453	104.0	98.6	94.0	96.8	96.5	94.8
2009	1397	103.9	98.7	94.0	96.7	97.0	95.0
2010	1401	104.3	98.9	93.4	96.6	97.4	96.1
2011	1427	103.5	99.3	94.6	97.1	97.5	96.1
2012	1356	102.8	99.6	95.5	98.0	98.1	96.9
2013	1222	102.4	99.2	95.7	98.6	98.6	97.5
2014	1204	101.9	99.2	96.6	98.9	98.7	97.7
2015	1082	101.8	99.2	96.8	99.7	98.8	98.6
2016	1011	102.0	99.4	96.9	99.8	98.9	98.9
2017	898	101.4	99.4	97.5	100.4	99.1	99.0
2018	781	101.0	99.6	98.1	100.9	99.2	99.4
2019	627	100.9	99.7	98.4	100.7	98.9	99.1
2020	526	102.0	99.2	97.1	100.0	97.7	97.6
2021	567	101.0	99.3	98.4	98.1	96.0	95.9
2022	77	102.2	98.7	97.2	93.4	90.3	89.3

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	10	99.3	92.6	95.7	96.9	99.9	100.1	101.3	98.3	93.5	98.2	98.2
1981	10	97.5	88.5	95.2	97.1	94.4	99.8	100.0	98.9	91.3	96.9	99.7
1982	21	97.1	86.3	95.6	96.0	94.1	99.6	99.8	99.4	89.5	97.3	97.7
1983	29	96.3	83.9	96.0	91.9	94.6	99.0	99.3	98.6	89.4	97.0	95.3
1984	37	96.0	82.7	95.2	92.8	93.1	99.2	99.4	98.3	88.3	96.7	96.4
1985	30	97.0	85.7	95.6	95.1	94.0	99.3	100.0	98.7	89.4	97.0	97.8
1986	55	97.0	83.1	95.9	92.9	94.1	99.4	100.2	98.7	89.5	97.2	97.7
1987	91	97.8	87.1	96.2	95.2	96.2	100.3	100.1	99.2	91.2	98.0	97.9
1988	110	98.1	87.1	96.5	95.1	96.7	100.2	100.5	98.9	91.5	98.2	98.3
1989	178	98.0	86.7	96.4	95.5	95.3	99.7	100.7	99.5	90.4	97.9	97.7
1990	225	98.2	88.1	96.6	96.0	96.6	100.2	100.4	99.8	91.2	98.5	97.4
1991	233	97.8	87.2	96.5	95.3	95.8	99.7	100.3	99.4	90.5	98.1	96.8
1992	305	98.5	89.0	97.0	96.0	97.1	99.8	100.7	99.5	91.7	98.5	97.2
1993	364	98.4	88.1	97.2	95.1	97.3	99.8	100.7	99.3	91.9	98.6	96.9
1994	420	98.6	88.9	97.1	95.3	97.5	99.6	100.6	99.8	92.1	98.5	96.9
1995	463	98.7	89.3	97.3	95.4	98.0	99.9	100.5	99.7	92.4	98.8	97.0
1996	463	98.9	89.4	97.8	95.2	98.4	100.0	100.6	99.9	92.8	99.1	96.9
1997	502	99.3	90.6	98.0	95.5	99.2	100.0	100.8	100.0	93.6	99.2	97.2
1998	582	99.0	91.2	98.0	96.0	99.1	100.3	100.3	100.0	93.8	99.3	97.0
1999	606	99.3	91.3	98.0	95.5	99.8	99.9	100.6	100.1	94.1	99.0	96.7
2000	716	99.7	92.8	98.3	96.0	100.7	100.0	100.8	100.1	94.7	99.4	96.7
2001	699	99.9	92.3	98.5	95.8	100.9	100.0	100.9	100.4	94.7	99.6	96.6
2002	797	99.8	93.5	98.5	96.4	101.0	100.1	100.7	100.3	95.0	99.5	96.6
2003	848	99.9	93.2	98.4	96.2	101.0	99.9	100.7	100.6	94.9	99.3	96.6
2004	937	100.0	94.7	99.0	96.7	101.5	100.1	100.4	100.8	95.7	99.5	96.8

2005	993	99.9	95.2	99.4	96.7	101.7	100.1	100.4	100.6	96.0	99.5	96.8
2006	1054	99.3	94.8	99.4	96.6	100.6	100.0	99.9	100.7	95.4	99.3	96.3
2007	1040	99.6	96.3	99.6	97.4	101.1	100.1	100.1	100.6	96.1	99.4	96.6
2008	955	99.4	97.0	99.7	97.8	100.8	100.1	99.9	100.5	96.3	99.4	97.0
2009	813	99.4	98.1	99.9	98.7	100.4	100.3	99.9	100.6	96.6	99.5	97.3
2010	657	99.2	98.3	99.8	99.0	99.7	100.1	99.8	100.6	96.4	99.2	97.7
2011	465	99.2	100.3	99.9	100.4	99.5	100.5	99.7	100.6	97.1	99.4	98.7
2012	334	99.3	101.1	99.9	101.1	99.3	100.5	99.7	101.0	97.3	99.4	98.8
2013	224	99.4	102.2	100.0	101.9	99.8	100.8	99.7	100.8	97.7	99.7	99.0
2014	212	99.5	102.6	100.3	102.0	99.6	100.9	99.6	100.9	98.0	99.6	99.6
2015	121	99.3	103.6	100.7	102.3	100.0	101.0	99.3	100.8	98.4	99.8	99.5
2016	64	98.5	100.9	100.7	101.2	98.4	100.7	98.9	100.9	97.1	99.5	98.6
2017	22	98.7	102.5	101.2	100.8	99.7	100.5	98.6	101.0	98.5	99.7	98.2

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	10	100.0	0	0.0	0	0.0	10	99.4
1995	18	100.0	0	0.0	0	0.0	18	98.2
1997	15	100.0	0	0.0	0	0.0	15	98.9
1999	17	100.0	0	0.0	0	0.0	17	99.1
2000	19	100.0	0	0.0	0	0.0	19	99.1
2001	16	100.0	0	0.0	0	0.0	16	98.9
2003	11	100.0	0	0.0	0	0.0	11	98.3
2009	10	100.0	0	0.0	0	0.0	10	97.4

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
2011	10	107.8	105.4	109.8	105.9	105.3	103.6
2012	16	108.3	106.2	110.0	106.3	105.6	104.2
2013	16	108.2	106.1	109.8	106.1	105.9	104.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2004	18	-1218.7	-59.3	-53.0	-55.1	-9.8	-15.2	2.4	-358.5
2006	13	-1230.5	-59.4	-50.2	-53.1	-9.4	-8.8	7.1	-346.3
2007	19	-1261.0	-64.2	-54.4	-56.2	-15.6	-14.8	3.4	-374.7
2008	18	-1030.2	-53.2	-47.6	-46.8	-13.9	-17.5	1.6	-321.1
2009	15	-1140.9	-56.3	-46.5	-50.6	-11.1	-8.5	3.9	-324.1
2010	18	-969.1	-50.6	-44.2	-42.2	-14.1	-14.7	4.8	-299.9
2011	21	-922.0	-50.8	-43.7	-40.5	-17.4	-17.4	3.7	-298.0
2012	18	-688.7	-43.9	-37.4	-27.4	-22.9	-20.6	7.7	-253.9
2013	27	-660.8	-39.4	-35.8	-30.2	-16.9	-19.6	0.3	-238.6
2014	22	-769.4	-40.0	-37.4	-32.0	-10.4	-15.7	6.3	-246.6

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2000	16	99.7	102.4	99.2	101.2	99.7	96.2	89.2	100.1
2001	18	100.4	103.1	99.9	101.9	100.2	96.9	90.1	100.8
2002	31	100.5	103.3	100.1	102.0	100.3	96.8	90.0	101.0
2003	33	99.8	102.8	99.2	101.2	99.4	95.7	88.8	100.2
2004	64	99.8	102.7	99.5	101.3	99.9	96.1	88.2	100.4
2005	42	99.6	102.6	99.2	101.2	99.7	96.0	88.3	100.3
2006	64	99.5	102.4	98.9	101.0	99.5	96.0	88.1	100.0
2007	70	99.5	102.7	99.2	101.4	99.7	96.2	88.7	100.3
2008	90	99.9	103.0	99.7	101.7	100.1	96.4	88.7	100.8
2009	118	99.7	103.0	99.4	101.6	99.8	96.2	88.9	100.4
2010	128	99.5	102.6	99.2	101.2	99.7	96.2	88.3	100.2
2011	161	99.7	102.4	99.2	101.2	99.7	96.4	88.5	100.1
2012	154	99.8	101.9	99.0	100.9	99.7	96.5	88.7	99.9
2013	185	99.8	102.1	99.1	101.0	99.7	96.5	89.1	100.0
2014	203	100.0	102.5	99.5	101.4	100.1	96.6	89.3	100.5
2015	154	99.7	102.2	99.2	101.1	99.9	96.7	89.4	100.2
2016	181	99.7	102.4	99.2	101.3	99.9	96.6	89.2	100.2
2017	131	99.7	102.6	99.5	101.4	100.0	96.6	89.2	100.5
2018	86	99.8	102.9	99.7	101.8	100.1	96.8	89.5	100.8
2019	54	100.1	103.3	100.4	102.2	100.6	97.1	89.8	101.4
2020	26	99.9	102.6	99.8	101.5	100.2	97.1	89.7	100.7

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
2004	18	-123.4	-358.5	-153.9	100.2	100.4	0.0	0.0	99.3	56.8
2006	13	-150.7	-346.3	-236.2	99.3	100.0	0.0	0.0	99.3	47.3
2007	19	-141.8	-374.7	-224.9	100.9	100.3	95.0	94.0	99.3	56.5
2008	18	-122.3	-321.1	-221.4	99.5	100.8	0.0	0.0	99.2	40.2
2009	15	-130.5	-324.1	-246.6	99.5	100.4	0.0	0.0	99.3	27.2
2010	18	-115.6	-299.9	-243.3	99.2	100.2	0.0	0.0	99.8	29.7
2011	21	-119.8	-298.0	-171.8	99.2	100.1	0.0	0.0	99.4	34.7
2012	18	-96.4	-253.9	-137.7	99.6	99.9	0.0	0.0	99.9	26.0
2013	27	-94.6	-238.6	-107.2	97.6	100.0	0.0	0.0	99.7	29.4
2014	22	-88.5	-246.6	-145.3	99.6	100.5	0.0	0.0	99.7	27.4

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2004	21	104.0	95.7	104.0	95.7	94.3	95.7
2005	15	104.7	96.1	104.7	96.1	95.1	96.1

2006	26	104.1	95.7	104.1	95.7	94.7	95.6
2007	31	104.3	95.6	104.3	95.6	94.6	95.3
2008	45	104.3	95.8	104.3	95.8	94.7	95.5
2009	48	104.8	95.4	104.8	95.4	95.2	95.6
2010	68	105.1	95.7	105.1	95.7	95.3	95.9
2011	80	104.7	95.7	104.7	95.7	95.0	95.8
2012	95	105.4	92.7	105.4	92.7	95.7	93.1
2013	96	105.4	94.9	105.4	94.9	95.6	95.2
2014	94	105.1	89.7	105.1	89.7	95.4	89.9
2015	67	105.2	87.2	105.2	87.2	95.6	87.4
2016	79	105.4	88.5	105.4	88.5	95.7	88.8
2017	69	105.2	92.8	105.2	92.8	95.6	93.3
2018	90	105.2	85.0	105.2	85.0	95.7	85.4
2019	56	105.2	90.5	105.2	90.5	95.8	91.0
2020	53	105.0	76.0	105.0	76.0	95.6	76.3
2021	42	105.1	66.2	105.1	66.2	95.8	66.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2000	10	86.3	104.4	120.5	53.8	45.6	44.2
2003	12	92.4	102.0	113.3	73.1	60.2	57.8
2004	29	95.2	102.1	110.1	71.1	60.1	57.0
2005	14	95.3	101.4	109.6	99.9	84.1	81.8
2006	30	92.7	102.4	112.9	79.9	67.4	63.0
2007	32	93.9	101.0	111.7	78.4	65.9	61.0
2008	44	93.1	101.3	112.5	81.2	68.8	64.4
2009	53	95.0	101.3	110.3	92.2	77.2	73.4
2010	49	95.1	101.1	110.1	90.7	76.0	71.3
2011	62	93.6	101.8	112.0	91.0	75.8	71.8
2012	69	92.8	102.9	113.0	93.0	77.9	75.0
2013	72	93.2	101.8	112.3	87.5	73.0	70.1
2014	78	95.3	100.7	109.8	92.1	76.1	72.7
2015	59	94.9	100.6	110.2	85.6	72.3	68.6
2016	72	96.8	99.5	108.0	88.6	74.0	70.4
2017	72	96.3	100.2	108.7	82.7	69.2	65.5
2018	69	96.2	99.7	108.5	88.4	73.3	69.3
2019	61	96.3	99.3	108.5	77.1	63.6	60.2
2020	52	97.1	99.8	107.7	48.4	40.0	37.9
2021	46	98.2	98.7	106.5	23.9	19.7	18.6

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2003	20	99.8	111.0	95.2	104.9	106.0	100.3	97.0	97.3	111.8	94.3	105.0
2004	30	100.7	111.7	95.4	104.1	107.8	99.7	96.8	99.6	113.4	93.4	105.1
2005	21	100.5	112.4	97.1	103.5	108.6	100.9	96.3	99.0	114.7	94.8	105.0
2006	30	98.7	109.9	95.4	103.5	105.3	99.9	95.9	97.7	111.2	93.8	103.4
2007	27	97.9	110.0	95.4	102.7	105.6	100.4	95.0	96.9	111.8	94.0	102.8
2008	36	98.6	110.1	96.2	103.0	105.7	100.8	95.4	97.6	111.7	94.5	103.4
2009	22	99.2	111.7	96.7	103.0	107.5	100.6	95.6	97.5	113.5	94.7	104.0

2010	23	99.3	112.1	96.5	103.8	107.8	101.0	96.2	96.6	113.5	95.3	104.4
2011	12	100.0	111.2	95.7	103.4	107.4	99.7	96.6	98.2	112.9	93.6	104.2

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2003	12	104.8	101.2	99.9
2004	37	104.8	101.3	100.1
2005	31	104.6	101.2	100.3
2006	34	105.6	102.1	100.8
2007	43	105.4	101.9	100.9
2008	62	105.4	101.9	100.7
2009	67	105.1	101.6	100.6
2010	83	105.0	101.6	100.6
2011	90	105.5	102.0	100.6
2012	106	104.8	101.4	100.7
2013	112	104.5	101.0	100.8
2014	115	104.7	101.3	100.8
2015	73	104.2	100.9	100.4
2016	83	104.6	101.3	100.5
2017	97	104.6	101.2	100.7
2018	107	105.0	101.6	100.9
2019	71	105.1	101.8	101.1
2020	65	105.0	101.8	100.9
2021	44	105.2	101.9	101.1

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	14	-2446.7	-9238.8	-405.4	-356.9
2006	10	-3079.9	-12154.4	-521.0	-441.6
2007	12	-2776.3	-10467.9	-471.8	-398.8
2008	12	-2772.6	-10669.8	-470.9	-398.1
2009	16	-2734.3	-10767.6	-464.8	-391.8
2010	15	-2745.5	-10493.5	-469.8	-392.7
2011	16	-2327.3	-8702.1	-392.8	-336.4
2012	18	-1966.3	-7030.3	-332.2	-285.1
2013	17	-1638.3	-5834.7	-272.9	-239.8
2014	16	-2008.9	-7694.5	-335.4	-291.6
2017	10	-1732.4	-6220.9	-283.3	-256.0

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
2004	18	99.5	99.7	18	-3.2	56.8	0	0.0
2006	13	100.8	98.9	13	-3.0	47.3	0	0.0

2007	19	100.9	98.3	19	-3.3	56.5	1	94.0
2008	18	101.2	98.4	18	-2.7	40.2	0	0.0
2009	15	100.9	99.1	15	-2.6	27.2	0	0.0
2010	18	100.7	99.1	18	-2.4	29.7	0	0.0
2011	21	100.6	98.4	21	-2.4	34.7	0	0.0
2012	18	101.0	99.5	18	-2.0	26.0	0	0.0
2013	27	100.0	98.3	27	-1.9	29.4	0	0.0
2014	22	99.7	98.1	22	-2.0	27.4	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	22	-578.5	-30.4	-29.2	-33.0	-7.4	-13.3	-10.9	-193.4
1985	36	-419.7	-27.7	-24.0	-25.9	-14.3	-13.8	-10.9	-164.4
1986	34	-143.7	-16.9	-16.9	-13.2	-16.2	-18.2	-10.4	-108.8
1987	67	-309.3	-20.6	-20.8	-20.7	-10.7	-15.0	-10.7	-134.6
1988	69	-391.0	-23.3	-24.5	-24.6	-9.0	-16.3	-10.9	-156.7
1989	49	-647.5	-30.5	-34.2	-36.2	-1.1	-16.8	-11.2	-215.0
1990	60	-454.9	-24.8	-27.2	-27.4	-7.0	-17.1	-10.8	-172.0
1991	47	-552.9	-27.3	-31.7	-32.0	-3.7	-18.9	-11.1	-197.1
1992	73	-365.9	-21.5	-26.1	-23.4	-7.1	-20.0	-11.0	-159.0
1993	70	-287.8	-24.5	-26.2	-19.8	-17.9	-24.8	-10.7	-164.9
1994	84	-343.3	-20.3	-25.0	-22.3	-7.7	-20.0	-10.7	-152.0
1995	117	-330.9	-14.7	-23.1	-21.8	0.4	-17.6	-10.9	-132.4
1996	113	-390.0	-20.8	-25.3	-24.5	-5.2	-17.6	-10.9	-154.7
1997	118	-254.5	-18.7	-23.1	-18.3	-11.5	-21.9	-10.7	-139.7
1998	213	-419.7	-24.4	-26.1	-25.9	-8.9	-17.3	-10.9	-166.0
1999	283	-292.8	-20.1	-22.8	-20.1	-10.8	-19.1	-10.8	-141.6
2000	238	-281.1	-19.4	-21.8	-19.5	-10.6	-18.2	-10.8	-135.8
2001	480	-550.7	-36.1	-30.9	-31.7	-19.5	-17.6	-10.8	-211.8
2002	540	-506.8	-34.1	-29.5	-29.9	-19.4	-17.9	-11.2	-201.4
2003	560	-377.8	-26.7	-25.1	-24.4	-15.7	-18.1	-11.6	-166.5
2004	475	-208.9	-20.8	-19.6	-16.6	-17.8	-18.7	-11.3	-129.1
2005	941	-210.9	-21.1	-19.8	-17.1	-18.3	-18.9	-11.9	-130.5
2006	627	-55.6	-14.7	-14.7	-9.7	-18.6	-19.3	-11.2	-93.9
2007	537	-35.4	-14.5	-12.8	-8.5	-19.8	-17.6	-10.7	-85.6
2008	678	-9.1	-13.8	-12.4	-7.5	-20.5	-18.4	-11.1	-82.1
2009	566	110.6	-7.9	-8.3	-2.0	-19.1	-18.5	-10.8	-51.1
2010	812	190.6	-6.2	-6.6	1.5	-21.7	-20.1	-11.0	-39.5
2011	709	311.0	-1.5	-1.8	5.9	-22.3	-19.2	-12.5	-8.7
2012	840	483.3	6.4	4.4	14.6	-21.3	-18.8	-11.1	35.9
2013	869	564.2	10.6	7.7	17.9	-20.0	-18.3	-11.5	59.0
2014	976	612.5	12.4	9.0	20.0	-20.1	-18.7	-11.6	69.1
2015	916	715.5	17.3	12.8	24.1	-19.5	-18.4	-12.3	96.1
2016	873	815.0	20.9	15.5	27.8	-20.4	-19.6	-13.4	115.6
2017	899	926.9	25.7	18.7	32.4	-20.4	-20.4	-13.9	140.6
2018	742	996.3	29.2	21.8	34.9	-19.5	-19.6	-14.7	161.1
2019	763	1111.3	35.3	26.6	38.9	-18.0	-18.5	-16.2	195.0
2020	31	1187.5	42.5	30.1	40.8	-13.0	-17.6	-17.9	224.8

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1987	11	103.1	104.7	100.2	94.3	108.3	100.7	92.3
1989	13	103.3	102.2	101.2	96.1	105.3	98.9	94.0
1990	25	103.7	103.4	101.0	95.4	106.4	100.6	93.3
1991	12	103.1	104.4	100.3	94.6	107.7	100.9	92.2
1992	25	103.9	102.7	100.8	96.2	105.7	100.4	93.4
1993	30	104.1	103.8	100.8	95.6	106.6	101.6	92.8
1994	34	103.6	104.7	101.1	95.1	107.1	101.5	93.0
1995	44	103.5	105.0	101.2	95.5	107.4	99.8	92.7
1996	32	103.7	105.0	100.6	95.0	107.6	100.8	92.5
1997	41	103.6	104.3	100.9	95.5	107.0	100.2	92.9
1998	42	103.2	103.6	100.7	95.5	106.6	100.4	92.8
1999	76	103.6	103.7	100.8	95.8	106.4	100.5	92.9
2000	40	103.7	104.2	101.1	95.2	107.0	100.5	93.6
2001	70	103.2	104.6	101.3	95.5	106.9	100.0	93.2
2002	77	102.9	104.3	100.5	94.5	107.5	100.5	92.5
2003	87	103.6	104.4	101.0	95.2	107.0	100.9	92.8
2004	69	103.2	104.6	100.5	94.7	107.2	100.5	92.9
2005	116	103.5	104.4	100.5	94.8	106.8	101.6	92.8
2006	79	103.9	105.1	101.3	95.1	107.3	101.1	93.2
2007	64	104.0	105.2	101.4	95.0	107.5	101.0	93.7
2008	75	103.7	105.2	101.3	95.2	107.5	100.9	93.3
2009	50	103.4	105.0	100.9	94.6	107.4	101.2	92.7
2010	62	103.5	104.4	100.8	94.8	107.0	101.1	92.7
2011	34	103.2	104.8	100.3	94.3	107.4	101.1	92.3
2012	39	103.8	104.9	101.8	96.0	107.3	101.4	93.3
2013	50	104.9	104.5	102.2	96.3	106.9	100.7	92.8
2014	33	103.8	104.4	101.6	95.8	106.8	101.0	93.0
2015	40	104.8	104.4	102.7	97.0	106.0	101.3	93.7
2016	17	105.6	104.1	103.6	98.6	105.7	100.3	93.2
2017	36	104.2	104.2	102.5	97.4	106.0	101.6	92.6
2018	21	104.5	104.9	103.0	98.2	106.4	101.2	93.6
2019	23	104.7	104.1	102.0	97.1	106.1	101.5	92.7

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1987	11	99.6	94.6	111.4	102.3	100.2
1989	13	99.2	96.6	108.5	99.7	100.1
1990	25	99.8	95.8	110.5	101.5	100.3
1991	12	98.9	95.2	111.3	101.2	99.4
1992	25	99.9	95.7	110.2	101.2	100.3
1993	30	101.4	95.1	111.8	102.6	101.8
1994	34	101.8	95.3	111.7	103.1	102.3
1995	44	100.4	94.9	112.1	102.8	101.1
1996	32	100.7	94.9	112.2	103.1	101.3
1997	41	100.0	95.0	111.5	102.3	100.5
1998	42	101.0	94.9	111.8	102.2	101.5
1999	76	100.8	95.1	111.4	102.1	101.2
2000	40	101.2	95.2	111.9	102.8	101.8
2001	70	101.4	95.5	111.9	103.3	102.0
2002	77	101.2	95.1	112.2	102.8	101.6
2003	87	100.7	95.4	111.7	102.4	101.3
2004	69	100.5	94.6	112.2	102.5	101.3

2005	116	100.4	95.2	111.4	102.3	101.1
2006	79	100.4	95.4	111.5	102.9	101.2
2007	64	101.1	95.2	112.3	103.0	101.9
2008	75	101.7	95.4	112.3	103.6	102.3
2009	50	101.3	95.3	112.0	103.5	101.9
2010	62	101.2	95.2	112.4	102.9	101.9
2011	34	101.1	95.3	112.4	103.1	101.7
2012	39	101.0	94.9	112.4	103.7	101.3
2013	50	101.1	95.7	111.4	103.3	101.6
2014	33	101.0	95.9	111.4	103.2	101.7
2015	40	100.5	96.2	110.5	103.3	101.2
2016	17	100.8	95.8	110.2	103.4	101.7
2017	36	100.7	95.4	111.1	103.3	101.5
2018	21	101.7	95.7	111.3	104.0	102.5
2019	23	100.7	96.4	110.6	103.1	101.9

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1987	11	97.7	98.6	102.2	99.5	92.2	99.6	96.9
1989	13	99.3	100.1	101.8	100.3	94.5	99.8	97.8
1990	25	98.5	99.7	102.3	99.6	92.6	99.0	97.0
1991	12	98.8	99.2	102.6	99.4	91.8	99.5	96.8
1992	25	97.7	98.6	101.5	99.1	92.9	99.3	96.7
1993	30	97.6	98.0	101.1	98.7	92.5	99.2	96.2
1994	34	97.6	98.1	102.3	98.4	92.6	99.9	96.9
1995	44	98.4	99.2	100.7	99.2	92.6	99.3	96.7
1996	32	99.1	99.9	100.7	99.8	92.7	99.1	96.7
1997	41	98.9	100.0	100.5	99.8	92.8	99.6	97.3
1998	42	98.2	99.7	102.1	98.9	93.3	99.7	97.2
1999	76	98.2	99.5	101.2	98.9	93.2	99.4	97.2
2000	40	98.5	99.3	102.2	99.3	93.3	100.1	97.5
2001	70	98.5	99.2	102.2	98.9	93.2	99.9	97.4
2002	77	99.3	99.1	102.4	99.6	93.2	98.8	96.6
2003	87	98.8	98.8	102.2	98.9	93.0	98.9	96.5
2004	69	98.8	99.4	101.8	99.3	93.2	99.2	96.9
2005	116	98.1	98.4	101.7	99.0	92.3	98.5	96.2
2006	79	97.9	99.0	100.9	98.8	92.4	99.4	97.0
2007	64	98.2	99.5	101.3	98.6	92.5	99.6	97.5
2008	75	98.8	98.5	101.4	99.2	93.1	98.8	96.4
2009	50	98.8	99.7	102.3	99.3	92.3	99.3	97.2
2010	62	99.3	98.9	101.9	99.6	92.9	98.6	96.5
2011	34	98.5	98.7	103.0	98.6	91.8	98.9	96.7
2012	39	99.2	100.6	100.4	99.4	93.3	99.8	97.8
2013	50	99.4	100.4	101.1	99.5	93.9	99.8	97.9
2014	33	99.9	99.4	101.6	99.9	93.5	98.8	96.8
2015	40	100.1	101.3	101.0	100.2	94.2	99.7	97.9
2016	17	100.1	100.9	99.8	100.4	94.5	98.8	97.1
2017	36	99.8	100.9	100.5	100.2	94.0	99.7	97.6
2018	21	100.4	100.8	100.4	100.0	95.6	99.9	98.2
2019	23	99.8	101.0	100.4	100.0	94.7	99.7	98.0

Tabel: 266 Fleck Vieh: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel

Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1987	11	99.4	103.7	95.5	100.3	108.8	100.6
1989	13	98.9	102.5	97.6	100.2	106.8	100.7
1990	25	99.8	102.9	95.9	100.6	107.6	100.6
1991	12	99.2	103.0	95.7	99.8	107.9	100.2
1992	25	99.4	102.2	95.4	100.6	106.2	99.8
1993	30	100.0	102.8	94.8	102.5	107.3	101.0
1994	34	100.5	103.3	95.1	103.0	108.2	101.7
1995	44	99.8	103.5	95.8	101.5	108.0	101.1
1996	32	99.9	103.5	96.2	101.8	108.5	101.5
1997	41	99.6	103.1	96.5	100.7	107.7	101.0
1998	42	99.2	102.8	96.1	101.8	107.5	101.0
1999	76	99.4	102.6	95.8	101.7	107.1	100.8
2000	40	100.2	103.5	96.4	102.4	108.1	102.0
2001	70	99.7	103.2	96.1	102.8	107.9	101.7
2002	77	99.1	103.0	96.0	102.3	108.4	101.4
2003	87	100.0	103.2	95.5	101.9	108.1	101.2
2004	69	99.4	102.9	96.0	101.5	108.1	101.0
2005	116	99.9	102.6	94.8	101.5	107.8	100.5
2006	79	100.5	103.5	95.3	101.7	108.4	101.3
2007	64	100.8	103.8	95.6	102.4	108.8	101.9
2008	75	100.5	103.7	95.5	103.0	108.6	102.0
2009	50	99.9	103.0	95.8	102.5	108.6	101.7
2010	62	99.9	103.0	95.8	102.5	108.3	101.6
2011	34	99.4	102.8	94.9	102.3	108.4	100.9
2012	39	100.9	103.9	96.8	102.0	108.4	102.2
2013	50	100.5	103.5	97.0	102.2	108.1	102.2
2014	33	100.4	103.3	96.5	102.4	107.9	101.8
2015	40	101.3	103.4	97.8	101.8	107.6	102.4
2016	17	101.1	103.2	97.6	102.0	106.8	102.1
2017	36	100.6	103.0	97.6	101.8	107.1	102.0
2018	21	101.2	103.9	98.2	103.0	107.6	103.1
2019	23	100.7	103.1	97.7	102.3	107.3	102.3

Tabel: 267 Fleck Vieh: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	18	98.4	104.4	100.9	102.0	100.4	96.7	99.1	102.3
1985	36	97.2	105.9	101.3	103.1	100.4	96.2	98.9	102.9
1986	32	97.8	105.4	101.3	102.8	100.6	96.3	99.2	102.8
1987	64	97.8	105.7	101.7	103.2	100.9	96.0	99.3	103.3
1988	70	98.2	105.7	101.6	103.1	100.7	96.1	99.7	103.1
1989	46	97.7	105.3	101.2	102.8	100.4	96.3	100.4	102.7
1990	62	98.0	105.1	101.4	102.9	100.9	96.4	100.1	102.8
1991	50	98.0	105.3	101.6	102.9	101.0	96.5	100.0	103.1
1992	64	97.9	105.3	101.5	103.0	100.8	96.4	100.5	102.9
1993	67	97.9	105.3	101.5	103.0	100.8	96.7	100.1	102.8
1994	71	98.5	105.7	102.3	103.6	101.6	96.6	100.7	103.7
1995	114	98.8	105.2	102.3	103.5	101.9	96.8	99.5	103.5
1996	106	98.7	105.2	102.3	103.3	101.8	96.9	99.4	103.5
1997	111	98.5	105.6	102.4	103.7	101.9	96.7	99.7	103.7
1998	178	97.8	105.4	101.8	103.0	100.9	96.6	99.8	103.2
1999	245	98.0	105.4	101.8	103.1	101.1	96.6	100.0	103.2

2000	216	96.6	105.2	100.5	102.2	99.7	95.6	99.3	102.1
2001	383	95.4	105.1	99.3	101.5	98.5	95.6	98.0	101.1
2002	464	96.7	105.1	100.3	102.0	99.4	95.6	97.5	101.9
2003	502	96.6	105.2	100.2	102.0	99.3	95.6	97.4	101.8
2004	485	96.6	104.9	100.3	102.0	99.4	95.4	99.2	101.8
2005	984	96.7	105.0	100.3	102.0	99.4	95.4	98.7	101.8
2006	681	96.8	104.9	100.4	102.1	99.6	95.3	99.0	101.9
2007	605	96.9	104.8	100.3	102.1	99.7	95.6	99.1	101.8
2008	796	97.2	104.5	100.3	102.0	99.9	96.0	99.0	101.7
2009	659	97.0	105.2	100.9	102.8	100.1	96.2	101.4	102.4
2010	986	97.1	104.9	100.7	102.5	100.1	96.4	101.5	102.2
2011	863	97.5	104.9	101.2	102.8	100.6	96.2	101.6	102.6
2012	1060	98.0	104.8	101.6	103.1	101.2	96.7	102.4	102.8
2013	1074	98.5	104.6	101.9	103.2	101.6	96.6	102.2	103.0
2014	1244	98.7	104.4	101.9	103.1	101.7	96.8	102.7	103.0
2015	1242	98.7	104.4	102.1	103.2	101.9	96.7	103.0	103.1
2016	1260	98.7	104.1	101.9	102.9	101.7	96.5	102.8	102.9
2017	1192	98.7	104.0	101.9	102.9	101.7	96.6	102.7	102.8
2018	1007	98.8	104.1	102.2	103.1	102.0	96.8	102.9	103.1
2019	915	99.1	104.2	102.5	103.4	102.4	97.1	103.5	103.4
2020	347	98.9	104.2	102.5	103.2	102.3	97.0	103.5	103.3

Tabel: 268 Fleck Vieh: Gebruikskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	13	97.5	45.5	99.2	104.3	104.0
1992	17	98.2	52.8	98.9	104.1	103.5
1993	28	98.2	35.9	99.5	104.5	103.1
1994	31	97.5	54.9	99.3	103.9	103.2
1995	52	97.2	82.1	99.2	103.9	102.7
1996	37	97.2	69.4	98.4	103.9	103.0
1997	37	97.3	87.5	98.8	104.2	102.8
1998	32	97.1	75.8	98.0	103.4	102.4
1999	63	97.8	77.4	98.3	103.6	102.4
2000	35	96.7	61.9	98.3	103.4	102.2
2001	65	96.9	85.0	97.4	103.0	103.2
2002	61	97.0	76.8	97.3	103.0	103.3
2003	74	96.8	78.3	97.5	102.9	102.0
2004	57	97.1	88.9	98.1	103.3	103.0
2005	106	98.2	91.2	97.7	103.1	103.0
2006	70	97.8	91.9	98.3	103.4	102.4
2007	58	97.4	91.1	97.8	102.8	102.3
2008	72	97.7	84.9	98.1	102.8	102.5
2009	48	97.7	83.6	98.6	103.1	102.5
2010	54	97.9	97.6	98.8	103.3	102.6
2011	32	98.2	96.8	99.0	103.5	102.7
2012	38	98.5	97.0	99.5	103.9	102.6
2013	48	97.5	94.6	99.8	104.3	102.8
2014	29	97.8	92.2	99.7	104.1	102.3
2015	38	98.2	89.2	100.0	104.3	102.4
2016	15	98.0	100.8	100.4	104.6	102.5
2017	32	97.6	96.9	100.8	105.0	102.9
2018	19	98.5	100.3	101.0	105.3	102.8
2019	22	98.5	100.3	101.3	105.4	102.8

Tabel: 269 Fleck Vieh: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1984	22	-41.5	-193.4	37.0	104.9	102.3	97.0	102.0	99.0	0.0
1985	36	-28.9	-164.4	107.0	105.5	102.9	93.0	101.7	103.0	33.1
1986	34	7.7	-108.8	224.1	104.6	102.8	95.0	101.4	101.2	0.0
1987	67	-1.6	-134.6	243.7	104.2	103.3	95.5	100.3	100.8	12.0
1988	69	-17.8	-156.7	116.1	103.9	103.1	96.3	100.4	102.0	21.1
1989	49	-28.5	-215.0	93.8	103.8	102.7	97.6	100.2	100.0	32.2
1990	60	-5.7	-172.0	204.6	104.7	102.8	95.9	100.6	100.4	18.0
1991	47	-17.9	-197.1	116.1	104.3	103.1	95.7	99.8	100.7	30.6
1992	73	-1.6	-159.0	255.3	104.1	102.9	95.4	100.6	101.1	22.3
1993	70	2.9	-164.9	259.6	104.1	102.8	94.8	102.5	101.5	14.2
1994	84	12.8	-152.0	283.3	104.0	103.7	95.1	103.0	101.9	13.2
1995	117	19.6	-132.4	310.0	103.5	103.5	95.8	101.5	102.2	9.4
1996	113	11.0	-154.7	303.7	103.8	103.5	96.2	101.8	102.0	20.0
1997	118	19.5	-139.7	277.2	103.8	103.7	96.5	100.7	102.0	13.9
1998	213	1.8	-166.0	279.2	103.2	103.2	96.1	101.8	101.5	28.0
1999	283	15.3	-141.6	282.8	103.2	103.2	95.8	101.7	101.5	15.0
2000	238	11.5	-135.8	254.8	103.1	102.1	96.4	102.4	101.8	10.3
2001	480	-18.4	-211.8	266.3	103.5	101.1	96.1	102.8	102.4	30.4
2002	540	-11.4	-201.4	240.2	103.5	101.9	96.0	102.3	101.9	24.1
2003	560	-3.7	-166.5	158.3	102.7	101.8	95.5	101.9	101.8	11.9
2004	475	12.6	-129.1	78.9	103.5	101.8	96.0	101.5	101.6	-12.6
2005	941	9.6	-130.5	84.8	103.4	101.8	94.8	101.5	101.7	-10.8
2006	627	33.5	-93.9	125.7	103.1	101.9	95.3	101.7	101.7	-17.8
2007	537	30.3	-85.6	125.5	102.8	101.8	95.6	102.4	101.8	-24.8
2008	678	40.7	-82.1	142.9	102.9	101.7	95.5	103.0	101.9	-28.5
2009	566	56.1	-51.1	135.1	103.1	102.4	95.8	102.5	101.7	-37.8
2010	812	64.2	-39.5	148.0	103.2	102.2	95.8	102.5	101.8	-37.6
2011	709	76.1	-8.7	150.8	103.4	102.6	94.9	102.3	101.8	-50.0
2012	840	94.8	35.9	153.5	103.5	102.8	96.8	102.0	102.3	-59.5
2013	869	103.6	59.0	159.1	103.9	103.0	97.0	102.2	102.4	-64.1
2014	976	109.1	69.1	173.6	103.4	103.0	96.5	102.4	102.5	-65.1
2015	916	120.4	96.1	179.5	103.6	103.1	97.8	101.8	102.6	-69.0
2016	873	127.9	115.6	194.1	103.8	102.9	97.6	102.0	102.5	-69.6
2017	899	141.7	140.6	237.7	104.2	102.8	97.6	101.8	102.6	-72.1
2018	742	152.0	161.1	259.5	104.3	103.1	98.2	103.0	102.8	-77.3
2019	763	166.4	195.0	288.3	104.4	103.4	97.7	102.3	103.0	-88.6
2020	31	185.0	224.8	291.6	104.4	103.3	99.0	102.0	103.1	-105.3

Tabel: 270 Fleck Vieh: Klauwgezondheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	12	95.2	92.8	97.2	99.3	98.8	103.4	96.8
2001	13	94.5	89.4	98.0	100.4	96.8	104.8	95.5
2003	20	96.3	92.8	98.2	101.2	99.1	104.6	96.3
2004	31	96.9	92.9	98.6	101.4	99.3	104.5	97.0
2005	48	95.9	91.5	98.2	101.1	98.3	104.4	96.6
2006	34	96.1	90.5	99.3	101.7	97.8	105.4	95.6
2007	47	96.9	91.8	99.3	101.5	98.9	106.0	96.2
2008	55	96.1	92.2	98.0	100.6	99.4	105.3	96.7

2009	33	96.3	92.1	98.5	101.1	98.7	105.2	96.4
2010	60	95.8	92.5	97.7	100.3	99.3	104.7	96.8
2011	44	95.8	92.1	97.9	100.6	98.7	104.8	96.6
2012	60	96.3	92.4	98.2	101.2	99.5	105.2	96.2
2013	72	95.8	93.0	97.2	100.2	99.2	104.3	97.2
2014	73	96.1	92.8	97.6	100.3	99.9	104.8	96.9
2015	85	95.8	92.7	97.4	100.0	99.3	104.2	97.1
2016	75	95.6	92.9	97.1	99.8	99.3	104.1	97.3
2017	104	95.7	92.8	97.2	99.9	99.3	104.3	97.3
2018	47	95.7	92.7	97.4	100.1	99.0	104.6	97.1
2019	22	97.6	92.9	99.3	101.8	99.4	105.4	96.9

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1990	15	102.2	99.7	102.2	99.7	95.7	101.9
1992	28	101.8	100.8	101.8	100.8	95.8	102.7
1993	47	101.6	101.3	101.6	101.3	95.8	103.4
1994	46	102.2	101.5	102.2	101.5	96.2	103.3
1995	80	102.4	101.7	102.4	101.7	95.6	103.0
1996	69	102.3	101.4	102.3	101.4	95.4	103.0
1997	70	102.5	101.4	102.5	101.4	95.7	103.1
1998	86	101.9	100.9	101.9	100.9	95.3	102.4
1999	129	102.1	100.9	102.1	100.9	95.3	102.6
2000	92	102.9	101.1	102.9	101.1	96.1	103.3
2001	164	103.7	100.5	103.7	100.5	96.7	102.6
2002	174	102.8	100.9	102.8	100.9	95.9	103.0
2003	196	102.5	100.7	102.5	100.7	95.8	103.2
2004	220	102.8	100.6	102.8	100.6	95.9	103.1
2005	403	102.6	100.8	102.6	100.8	95.6	103.4
2006	347	102.5	100.9	102.5	100.9	95.5	103.3
2007	368	102.5	101.0	102.5	101.0	95.7	103.4
2008	549	102.5	101.0	102.5	101.0	95.8	103.3
2009	537	102.2	100.6	102.2	100.6	95.7	102.9
2010	748	102.5	100.7	102.5	100.7	96.1	102.9
2011	722	102.4	101.0	102.4	101.0	96.0	102.9
2012	1010	102.6	101.4	102.6	101.4	96.4	103.1
2013	1116	102.7	101.4	102.7	101.4	96.5	102.9
2014	1333	102.8	101.3	102.8	101.3	96.4	102.7
2015	1592	102.9	101.5	102.9	101.5	96.4	102.8
2016	1692	102.6	101.1	102.6	101.1	96.1	102.4
2017	1615	102.5	101.5	102.5	101.5	96.0	102.6
2018	1490	102.4	101.6	102.4	101.6	96.0	102.8
2019	1405	102.5	101.9	102.5	101.9	96.2	103.1
2020	1504	102.8	100.6	102.8	100.6	96.4	101.7
2021	1650	103.2	97.0	103.2	97.0	96.7	98.1
2022	185	103.2	91.4	103.2	91.4	97.0	92.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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1987	12	89.2	113.7	118.7	57.7	45.2	46.7
1989	14	88.4	113.1	119.1	57.5	44.9	45.9
1990	28	90.0	113.4	117.2	69.9	55.1	56.3
1991	18	90.3	113.6	116.9	25.7	20.1	20.4
1992	41	90.7	113.7	116.4	72.7	57.6	59.0
1993	50	90.5	113.6	116.8	96.8	75.8	77.6
1994	49	89.9	114.1	117.8	101.5	79.7	80.9
1995	86	90.8	113.5	116.5	103.2	80.7	82.6
1996	65	90.4	114.0	116.7	102.8	80.9	82.3
1997	79	90.4	113.4	116.9	98.1	76.0	78.0
1998	98	90.6	113.6	116.7	82.0	64.8	65.8
1999	139	90.4	113.5	117.0	89.3	69.6	71.1
2000	102	90.1	114.1	117.5	87.3	68.4	69.4
2001	169	90.6	113.1	116.8	95.1	73.7	75.3
2002	189	90.0	113.6	117.4	87.5	67.3	68.7
2003	207	90.1	114.1	117.3	90.8	69.7	70.9
2004	243	90.0	113.8	117.5	93.2	71.6	73.1
2005	415	89.8	113.6	117.7	95.7	72.6	74.7
2006	374	89.9	113.8	117.6	98.0	74.7	76.6
2007	336	89.8	113.9	117.8	102.9	77.9	80.1
2008	451	89.7	113.5	118.0	103.9	78.4	80.2
2009	456	89.2	113.5	118.4	105.0	79.6	81.5
2010	638	89.6	113.7	118.0	105.5	80.5	82.3
2011	528	89.8	113.0	117.6	109.9	83.8	86.2
2012	743	90.7	111.4	116.8	112.9	87.2	88.7
2013	832	90.9	111.8	116.4	113.9	87.8	89.8
2014	933	91.1	111.2	116.2	111.6	86.2	87.8
2015	1042	91.7	110.6	115.4	114.4	88.8	90.1
2016	1031	92.0	110.7	115.1	112.6	87.1	88.2
2017	1078	92.4	110.9	114.4	113.0	88.1	89.2
2018	821	92.7	110.5	114.1	112.4	87.2	88.1
2019	752	92.9	110.2	113.8	114.9	88.6	89.7
2020	716	93.6	109.9	112.9	111.7	86.5	87.2
2021	754	93.5	109.9	113.0	103.9	80.0	80.9
2022	104	94.0	110.2	112.5	91.6	70.4	71.6

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1986	12	104.3	113.6	101.2	107.8	106.8	102.8	102.5	98.5	110.8	100.4	111.8
1987	18	105.2	113.4	100.4	108.1	107.3	102.3	103.5	98.1	110.9	100.1	112.2
1988	10	105.0	113.0	99.9	108.1	107.0	102.4	103.5	97.9	110.7	100.1	112.3
1989	14	105.5	112.6	100.8	108.9	106.6	102.6	104.1	97.9	109.9	101.2	112.1
1990	32	105.8	113.2	100.0	109.0	107.3	101.9	104.2	98.2	110.4	100.5	112.3
1991	24	106.1	114.6	100.0	109.6	108.3	102.0	104.3	98.2	111.2	100.7	112.7
1992	45	105.3	113.2	100.4	108.7	107.1	102.5	103.4	98.8	110.6	100.5	112.1
1993	50	105.4	114.6	101.2	108.6	108.2	103.1	102.8	98.9	112.2	100.4	112.5
1994	57	105.7	114.2	100.6	109.1	107.5	102.6	103.7	98.8	111.3	100.6	112.9
1995	90	105.2	113.6	101.6	108.6	107.2	103.0	103.3	98.4	111.1	101.0	112.2
1996	69	105.3	113.9	101.1	108.4	107.6	102.7	103.0	98.8	111.6	100.5	112.1
1997	80	105.2	113.9	101.0	108.3	107.7	102.4	103.5	97.9	111.6	100.5	112.0
1998	112	104.9	114.3	101.2	108.6	107.5	102.8	102.9	98.3	111.7	100.6	111.7
1999	160	105.5	114.0	101.5	108.4	108.0	102.7	103.4	98.4	111.7	100.7	112.0
2000	126	105.2	114.5	101.3	108.3	108.0	102.7	102.7	98.7	112.2	100.2	112.1
2001	188	104.8	115.6	101.8	108.2	108.8	102.7	102.1	98.3	113.5	100.2	111.3
2002	237	104.8	116.1	102.0	108.7	108.9	102.9	102.0	98.3	113.8	100.3	111.6

2003	287	105.1	116.3	101.8	108.9	109.2	102.9	102.2	98.5	113.8	100.3	111.6
2004	290	105.1	116.5	101.7	109.3	109.1	103.0	102.3	98.5	113.6	100.6	111.9
2005	623	105.1	116.4	102.1	108.8	109.5	103.1	102.4	98.0	113.8	100.6	111.9
2006	443	105.2	115.7	102.2	108.5	109.3	103.0	102.6	98.1	113.4	100.7	111.8
2007	335	105.8	115.4	101.8	108.7	109.3	102.7	103.1	98.8	113.1	100.5	112.3
2008	368	105.5	115.4	101.7	108.9	109.0	102.8	103.0	98.5	112.8	100.8	112.1
2009	288	105.6	115.2	101.4	109.4	108.4	103.0	103.4	98.4	112.2	101.3	112.2
2010	300	105.3	114.1	101.7	108.5	107.9	102.9	103.2	98.2	111.7	101.1	111.8
2011	181	105.5	113.0	101.3	108.3	107.5	102.6	103.7	98.4	110.7	101.1	111.5
2012	131	105.5	111.4	101.4	108.3	106.3	102.5	104.5	98.1	109.2	101.5	111.6
2013	96	105.4	110.7	101.4	108.1	105.6	102.9	104.1	99.2	108.7	101.2	111.8
2014	59	105.4	109.9	101.0	107.9	105.4	102.4	104.4	98.7	108.2	101.1	111.4
2015	45	105.3	109.8	101.2	108.2	105.2	102.1	104.6	98.3	107.8	101.0	111.2
2016	18	104.6	107.9	101.2	106.9	103.8	101.9	104.1	98.9	106.4	100.9	109.9
2017	33	105.2	108.9	101.7	107.2	105.1	102.1	104.5	98.6	107.4	101.5	110.3
2018	19	105.4	110.4	101.5	108.1	105.6	102.1	104.5	98.7	108.4	100.8	111.5
2019	19	104.7	109.2	101.3	106.9	105.2	102.3	103.7	98.5	107.8	101.1	110.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	15	95.7	97.5	92.4
1992	28	96.0	97.4	92.8
1993	40	96.0	97.5	92.0
1994	44	95.2	97.0	92.7
1995	83	95.6	97.7	92.0
1996	66	95.9	98.0	92.2
1997	70	95.7	97.5	92.5
1998	82	96.0	97.6	93.4
1999	123	96.0	97.6	93.3
2000	91	94.9	96.6	93.9
2001	152	94.5	96.0	94.4
2002	172	94.9	96.2	95.0
2003	198	96.3	97.4	94.4
2004	215	95.9	97.2	94.4
2005	407	95.7	97.0	94.8
2006	344	96.0	97.4	94.3
2007	377	96.1	97.5	94.6
2008	576	96.0	97.5	93.8
2009	572	96.1	97.5	94.0
2010	775	96.0	97.4	93.9
2011	736	96.1	97.4	94.0
2012	1040	96.3	97.9	93.7
2013	1182	96.5	98.1	93.6
2014	1435	96.5	98.0	93.6
2015	1698	96.5	97.9	93.3
2016	1802	96.6	98.0	93.3
2017	1720	97.1	98.5	93.6
2018	1657	97.5	98.8	93.4
2019	1555	97.5	98.9	93.2
2020	1701	97.5	99.0	93.6
2021	1868	97.4	98.8	93.7
2022	208	97.4	98.8	93.7

Tabel: 275 Fleck Vieh: Levensproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	234	778.2	4269.1	142.8	102.5
2002	267	627.9	3634.2	119.3	79.9
2003	320	280.2	2175.4	64.3	28.1
2004	365	-110.4	530.6	-6.6	-25.4
2005	763	-95.8	599.0	-3.8	-23.5
2006	530	316.5	2332.7	67.1	35.1
2007	437	366.8	2446.5	71.9	44.5
2008	555	497.7	3028.1	94.6	62.9
2009	502	537.1	3186.9	104.1	67.0
2010	706	672.8	3901.2	126.3	86.4
2011	659	812.8	4446.6	147.6	107.9
2012	804	1028.9	5288.9	186.6	137.8
2013	848	1177.0	5850.0	212.8	158.6
2014	939	1317.7	6454.6	237.9	178.1
2015	902	1468.5	7043.1	265.0	199.1
2016	854	1653.4	7877.1	298.1	224.6
2017	906	2054.1	9577.0	370.2	279.8
2018	728	2308.9	10571.0	413.5	316.5
2019	751	2659.8	11912.2	475.2	366.2
2020	30	2779.0	12209.9	507.4	378.1

Tabel: 276 Fleck Vieh: Robot / AMS kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Eff	Int	Gewen
1990	18	95.6	103.6	97.1
1992	27	95.8	104.5	97.0
1993	38	95.8	104.7	96.9
1994	37	95.9	104.7	96.9
1995	64	96.8	105.2	96.8
1996	46	95.7	104.3	96.8
1997	55	96.1	105.2	97.1
1998	49	96.1	105.3	97.1
1999	85	96.3	104.7	97.3
2000	63	96.5	105.2	97.0
2001	101	96.8	105.3	96.6
2002	94	95.3	105.6	97.2
2003	101	95.5	105.3	97.1
2004	105	95.8	104.6	96.7
2005	172	96.0	103.9	97.3
2006	151	96.3	105.1	96.5
2007	155	96.0	104.4	96.8
2008	220	95.8	104.3	96.8
2009	177	95.4	103.9	97.4
2010	308	95.4	103.7	97.3
2011	294	95.2	104.0	97.4
2012	358	96.4	104.6	96.7
2013	306	96.5	104.9	96.5
2014	338	97.0	106.0	96.4
2015	348	97.5	106.7	96.2
2016	375	97.8	107.9	96.3

2017	363	98.0	109.1	96.1
2018	357	98.8	110.0	96.0
2019	366	100.1	110.8	96.3
2020	22	102.1	111.0	95.8

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

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1984	22	99.2	99.4	0	0.0	0.0	0	0.0
1985	36	99.6	99.7	36	-1.6	33.1	0	0.0
1986	34	99.6	98.8	34	-0.6	0.0	0	0.0
1987	67	99.8	98.7	68	-1.0	12.0	0	0.0
1988	69	99.7	98.6	70	-1.3	21.1	0	0.0
1989	49	99.1	99.5	49	-1.8	32.2	0	0.0
1990	60	98.9	99.7	60	-1.3	18.0	0	0.0
1991	47	99.2	100.0	47	-1.7	30.6	0	0.0
1992	73	99.0	99.8	73	-1.3	22.3	0	0.0
1993	70	98.9	99.7	70	-1.2	14.2	0	0.0
1994	84	99.0	99.0	84	-1.1	13.2	0	0.0
1995	117	98.7	98.4	117	-0.9	9.4	0	0.0
1996	113	98.1	99.1	113	-1.2	20.0	0	0.0
1997	118	98.9	99.3	118	-1.0	13.9	0	0.0
1998	213	98.1	99.5	213	-1.5	28.0	0	0.0
1999	283	98.2	99.3	283	-1.1	15.0	0	0.0
2000	238	98.1	99.6	239	-1.0	10.3	0	0.0
2001	480	96.7	99.8	480	-1.9	30.4	54	106.8
2002	540	96.4	99.8	540	-1.7	24.1	56	106.4
2003	560	98.0	99.7	561	-1.2	11.9	74	106.3
2004	475	97.4	99.3	475	-0.6	-12.6	62	106.0
2005	941	97.3	99.1	942	-0.6	-10.8	105	105.6
2006	627	98.5	99.6	628	-0.2	-17.8	76	107.1
2007	537	98.4	99.7	539	-0.1	-24.8	60	107.3
2008	678	98.4	100.1	680	-0.0	-28.5	67	107.3
2009	566	98.4	99.3	566	0.4	-37.8	47	106.4
2010	812	98.8	99.5	812	0.4	-37.6	57	105.9
2011	709	98.4	99.0	710	0.8	-50.0	31	105.8
2012	840	99.0	98.7	840	1.3	-59.5	38	106.9
2013	869	99.1	98.7	869	1.5	-64.1	49	106.5
2014	976	99.5	98.8	977	1.6	-65.1	29	106.1
2015	916	99.4	98.6	921	1.8	-69.0	39	106.2
2016	873	99.8	98.6	874	2.0	-69.6	17	106.1
2017	899	100.3	98.4	907	2.2	-72.1	35	105.7
2018	742	100.6	98.1	743	2.4	-77.3	20	106.7
2019	763	100.8	98.2	767	2.8	-88.6	22	105.8
2020	31	100.5	98.2	32	3.3	-105.3	1	107.0

Tabel: 278 Fleck Vieh: Stofwisselingsaandoeningen

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	14	99.9	0	0.0	0	0.0	14	96.1
1987	14	99.8	0	0.0	0	0.0	14	95.9

1988	15	99.8	0	0.0	0	0.0	15	96.0
1989	17	99.6	0	0.0	0	0.0	17	94.4
1990	33	99.9	1	104.0	1	101.0	33	95.8
1991	25	100.0	1	108.0	1	105.0	25	95.4
1992	45	99.8	0	0.0	0	0.0	45	95.3
1993	56	99.9	1	104.0	1	103.0	56	94.6
1994	53	99.8	0	0.0	1	103.0	53	95.0
1995	85	99.7	1	98.0	4	102.8	85	95.5
1996	66	99.9	1	104.0	2	104.0	66	95.6
1997	80	99.9	3	104.3	4	103.0	80	95.6
1998	99	99.9	3	104.3	4	104.0	99	95.2
1999	138	99.8	3	102.3	3	103.0	138	94.9
2000	128	99.8	0	0.0	0	0.0	128	95.1
2001	160	99.8	2	100.5	7	101.9	160	94.5
2002	200	100.0	4	103.5	5	101.6	200	95.4
2003	224	100.1	7	102.7	10	102.6	224	95.0
2004	207	99.9	6	104.3	9	102.3	207	94.5
2005	356	100.0	8	101.9	15	103.3	356	94.2
2006	359	99.8	6	101.5	17	102.5	359	94.5
2007	324	100.1	12	102.8	17	103.4	324	94.2
2008	475	100.1	13	103.1	20	102.2	475	94.2
2009	428	100.1	13	102.0	16	102.9	428	94.7
2010	596	100.2	21	103.2	24	103.3	596	94.8
2011	527	100.1	4	101.8	6	103.2	527	95.1
2012	597	100.4	16	102.7	20	102.3	597	95.5
2013	638	100.5	22	102.4	35	102.3	638	95.5
2014	705	100.4	36	101.8	44	101.5	705	95.5
2015	673	100.3	12	102.0	16	101.8	673	95.6
2016	636	100.1	8	100.4	18	101.6	636	95.6
2017	665	100.0	8	100.4	25	100.4	665	95.7
2018	575	100.0	0	0.0	26	101.6	575	96.3
2019	584	100.0	1	104.0	20	102.7	584	96.3
2020	28	100.0	0	0.0	0	0.0	28	96.4

Tabel: 279 Fleck Vieh: Reproductiestoornissen

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	11	103.9	100.5	108.3	100.4	106.4	103.6
1995	37	103.7	100.4	108.1	100.3	106.0	103.1
1996	22	103.9	100.5	108.2	100.5	105.9	103.3
1997	28	103.3	99.9	107.9	100.1	105.7	102.9
1998	14	102.9	99.6	107.0	99.7	105.4	102.8
1999	30	103.9	100.5	107.9	100.4	106.1	103.3
2000	17	103.9	100.4	107.9	100.5	105.9	103.9
2001	50	103.7	100.1	107.9	100.5	105.8	103.6
2002	41	103.0	99.7	107.3	99.7	105.7	103.0
2003	43	103.5	100.1	107.7	100.1	105.7	103.3
2004	36	103.4	99.8	107.5	100.2	105.8	103.6
2005	59	103.9	100.4	108.1	100.4	106.2	103.5
2006	48	103.2	99.6	107.5	99.9	105.9	103.0
2007	43	104.1	100.7	108.1	100.7	106.7	104.2
2008	62	103.8	100.3	107.5	100.6	105.9	103.5
2009	52	103.6	100.1	107.6	100.5	105.6	103.2
2010	83	103.3	99.8	107.4	100.1	105.7	103.2
2011	64	102.9	99.5	106.9	100.0	105.1	102.7
2012	74	102.1	98.7	106.4	99.2	105.0	102.0

2013	103	102.3	99.0	106.2	99.3	104.8	102.2
2014	133	101.9	98.6	106.1	98.9	104.8	101.8
2015	83	101.7	98.3	105.7	98.7	104.7	101.5
2016	78	101.1	97.7	105.4	98.0	104.9	101.1
2017	103	102.2	99.0	106.1	99.1	105.1	101.9
2018	81	102.4	99.1	106.4	99.2	105.3	102.1
2019	56	102.5	99.3	106.2	99.5	105.3	102.3

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1983	12	-1516.8	-63.2	-53.9	-68.9	7.4	0.9	0.4	-374.5
1985	17	-1641.1	-70.2	-55.7	-74.6	5.0	4.9	0.2	-398.2
1986	15	-1809.5	-71.3	-61.1	-82.3	15.8	6.3	0.4	-424.7
1987	19	-1658.8	-69.7	-57.8	-75.4	7.8	3.0	0.2	-406.1
1988	17	-1897.2	-73.7	-63.9	-86.3	18.5	6.9	0.3	-442.7
1989	38	-1739.5	-68.1	-57.2	-79.2	15.0	8.1	0.1	-401.4
1990	48	-1776.4	-69.4	-60.6	-80.8	16.6	5.3	0.2	-418.6
1991	57	-1857.0	-72.9	-63.3	-84.4	16.7	5.6	0.3	-438.2
1992	71	-1776.7	-69.5	-59.8	-80.8	16.1	6.6	0.2	-415.7
1993	86	-1844.6	-69.6	-61.9	-83.9	20.9	7.3	0.2	-425.1
1994	98	-1755.3	-68.5	-58.5	-79.8	16.0	7.4	0.2	-407.8
1995	113	-1683.3	-65.6	-55.8	-76.5	15.3	7.4	0.2	-389.6
1996	83	-1631.7	-62.5	-54.5	-74.2	16.5	6.6	0.2	-377.1
1997	103	-1619.3	-62.2	-54.6	-73.6	16.0	5.8	0.3	-376.7
1998	119	-1635.8	-62.2	-54.8	-74.4	17.1	6.3	0.1	-377.7
1999	164	-1575.7	-61.5	-53.0	-71.6	13.9	5.8	0.3	-367.8
2000	129	-1557.3	-61.8	-52.4	-70.1	12.3	5.6	1.3	-365.7
2001	216	-1536.3	-59.9	-50.6	-67.5	13.9	7.3	3.7	-353.6
2002	153	-1550.2	-59.4	-50.7	-67.5	15.5	7.9	4.7	-353.1
2003	158	-1392.3	-54.1	-45.7	-62.2	12.6	6.7	1.9	-319.6
2004	156	-1338.2	-53.0	-44.9	-59.5	10.5	5.0	2.1	-313.3
2005	137	-1295.7	-49.5	-42.7	-58.0	12.8	6.1	1.6	-296.5
2006	149	-1315.4	-50.9	-42.6	-59.1	12.0	7.1	1.2	-299.3
2007	144	-1279.4	-49.1	-41.2	-58.3	12.4	7.3	-0.0	-289.6
2008	116	-1070.7	-43.0	-35.5	-48.8	7.6	4.6	-0.1	-250.7
2009	133	-924.2	-36.2	-30.7	-42.2	7.9	4.0	-0.1	-214.5
2010	144	-973.5	-38.3	-30.9	-45.0	8.1	6.2	-0.9	-220.8
2011	151	-972.3	-36.6	-30.7	-45.1	10.0	6.3	-1.2	-216.4
2012	133	-884.3	-34.4	-27.1	-41.4	7.8	6.8	-1.7	-195.7
2013	172	-690.9	-30.3	-22.4	-33.5	1.8	3.8	-2.7	-165.7
2014	141	-798.7	-33.3	-24.1	-38.0	4.2	6.8	-2.2	-180.0
2015	129	-707.5	-29.8	-22.5	-34.2	2.9	4.2	-2.7	-165.2
2016	85	-596.0	-29.0	-19.4	-30.7	-2.2	3.3	-4.6	-149.7
2017	147	-404.4	-22.5	-14.2	-21.6	-4.8	1.0	-4.1	-111.9
2018	102	-346.3	-20.2	-11.0	-19.7	-5.1	2.5	-5.0	-93.5
2019	82	-319.4	-17.3	-10.8	-18.9	-3.1	1.4	-5.5	-86.3

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
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1985	14	93.3	99.4	92.9	91.7	106.6	100.2	89.2
1987	11	95.0	100.1	93.8	92.2	107.3	99.5	87.7
1988	11	93.5	100.0	92.5	90.8	107.3	98.5	90.3
1989	20	93.8	100.0	93.7	91.8	107.2	99.2	89.1
1990	30	94.7	99.8	93.4	91.7	107.3	99.9	88.6
1991	37	94.8	99.6	93.4	91.8	106.7	100.5	88.6
1992	46	94.5	99.6	93.5	92.2	106.3	100.2	89.2
1993	47	95.2	100.3	94.0	92.0	107.5	100.1	88.1
1994	52	94.9	100.4	94.3	92.5	106.4	100.2	89.4
1995	46	95.1	100.8	95.2	93.1	106.5	99.3	88.5
1996	47	95.5	100.7	95.1	92.6	106.9	99.9	89.0
1997	42	96.9	100.2	95.9	93.6	106.0	100.8	89.0
1998	54	95.5	99.8	94.7	92.8	106.2	100.8	88.5
1999	82	95.8	100.3	95.2	93.5	105.9	100.7	89.4
2000	43	96.2	101.0	95.6	93.2	107.0	100.6	89.2
2001	69	95.4	100.1	94.8	92.8	106.1	100.1	88.9
2002	30	96.1	100.9	96.2	93.9	106.2	100.0	89.3
2003	60	95.9	100.5	95.0	93.1	106.5	101.3	89.1
2004	54	96.4	100.8	95.1	93.2	106.7	100.6	89.1
2005	49	97.1	100.9	95.7	93.5	106.6	100.1	89.3
2006	61	96.3	101.1	95.5	93.2	106.9	99.8	88.5
2007	45	97.0	101.4	96.1	93.6	106.6	99.2	89.6
2008	50	97.8	101.2	96.4	94.2	106.1	100.1	89.8
2009	46	97.8	99.7	95.5	94.0	105.3	100.4	89.5
2010	60	98.1	100.8	96.0	94.1	105.6	100.3	90.0
2011	52	97.8	101.0	96.1	94.4	105.4	100.3	90.4
2012	52	98.6	101.1	96.6	94.4	105.5	100.5	90.2
2013	65	98.4	100.6	96.0	94.6	105.2	100.7	89.9
2014	48	98.3	100.6	96.2	94.8	105.2	99.8	89.1
2015	53	98.5	99.9	95.3	94.2	104.8	100.5	90.0
2016	38	98.8	100.9	96.2	94.6	105.7	99.7	89.3
2017	72	98.2	100.2	95.6	94.6	105.2	100.7	89.3
2018	28	99.3	101.4	97.0	96.0	105.4	101.1	89.9
2019	12	99.2	101.6	98.5	97.4	104.2	99.8	90.3

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	14	107.7	96.7	111.1	102.8	107.2
1987	11	108.6	95.6	112.5	103.5	108.4
1988	11	108.1	95.7	111.2	102.9	108.0
1989	20	107.0	95.8	111.5	102.5	106.7
1990	30	107.1	95.1	112.0	102.6	106.4
1991	37	107.3	96.3	111.4	102.9	106.7
1992	46	107.3	96.1	111.7	103.2	106.5
1993	47	107.4	95.9	112.0	103.3	106.8
1994	52	106.9	96.1	111.8	102.8	106.2
1995	46	107.3	96.3	111.9	102.9	106.7
1996	47	107.6	96.4	112.3	103.5	106.9
1997	42	107.9	95.6	113.0	103.2	106.8
1998	54	107.3	95.7	112.6	103.3	106.2
1999	82	107.2	96.4	111.7	102.8	106.3
2000	43	107.9	95.6	112.4	103.5	106.9
2001	69	107.6	95.1	112.9	103.0	106.8
2002	30	107.8	96.1	112.4	103.5	107.0

2003	60	107.8	94.7	113.2	103.8	107.4
2004	54	107.6	95.0	112.7	103.7	107.0
2005	49	107.1	95.4	112.9	103.3	106.2
2006	61	107.7	96.4	112.3	103.7	107.0
2007	45	107.6	96.2	112.3	103.8	106.6
2008	50	107.5	95.7	112.4	104.0	107.0
2009	46	107.6	95.4	112.2	103.0	107.1
2010	60	107.9	95.5	112.5	103.5	107.2
2011	52	107.5	95.9	112.1	103.6	106.8
2012	52	107.0	95.3	112.8	103.7	106.3
2013	65	107.8	94.7	113.0	103.4	107.0
2014	48	108.4	94.5	113.5	103.7	107.5
2015	53	107.1	94.6	113.3	102.6	106.3
2016	38	108.5	94.3	113.5	103.8	107.8
2017	72	108.7	94.9	113.0	103.9	108.0
2018	28	108.5	94.9	112.7	104.3	107.9
2019	12	107.2	94.2	113.5	103.6	106.6

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	14	93.3	96.6	105.7	93.5	88.1	92.7	93.1
1987	11	94.1	98.2	105.3	94.9	88.3	93.6	94.1
1988	11	94.9	99.4	105.4	95.6	89.0	94.3	94.9
1989	20	93.8	97.5	106.0	94.2	88.4	93.3	94.0
1990	30	93.1	97.1	106.2	94.7	87.1	92.6	92.9
1991	37	94.2	97.4	105.9	95.3	88.8	92.8	93.4
1992	46	94.3	97.4	105.9	94.9	89.0	93.0	93.3
1993	47	94.0	97.6	105.7	94.9	88.3	92.5	93.3
1994	52	93.8	97.5	105.8	94.2	89.4	93.2	93.7
1995	46	94.1	98.3	104.8	94.1	88.8	93.4	94.3
1996	47	94.0	97.7	105.5	94.7	88.6	93.1	94.0
1997	42	94.9	97.9	105.5	95.4	89.4	93.8	94.6
1998	54	93.7	97.3	105.6	94.4	88.9	93.2	93.9
1999	82	95.0	98.0	105.7	94.9	89.4	93.7	94.5
2000	43	94.6	97.5	105.3	94.6	88.4	93.3	94.0
2001	69	94.7	97.9	106.0	95.0	89.7	94.4	94.6
2002	30	95.2	98.6	104.1	95.2	89.6	94.5	95.1
2003	60	95.8	98.8	105.1	95.5	89.9	94.4	95.0
2004	54	95.9	98.1	104.9	95.9	90.2	95.1	95.2
2005	49	95.4	98.5	104.0	95.5	89.4	94.3	95.0
2006	61	96.0	98.7	104.4	96.0	89.8	94.4	95.2
2007	45	96.2	98.2	103.9	96.1	89.8	94.6	94.9
2008	50	96.0	99.2	104.7	96.1	90.2	95.1	95.6
2009	46	95.9	100.2	104.1	95.9	90.3	94.9	96.0
2010	60	96.7	99.4	104.8	96.5	91.0	95.5	96.0
2011	52	96.5	100.2	103.9	96.0	90.4	95.8	96.3
2012	52	97.5	100.4	103.5	97.0	89.8	95.5	96.2
2013	65	96.7	100.5	104.1	96.3	90.7	95.6	96.2
2014	48	97.6	101.9	102.9	97.2	91.4	95.7	97.0
2015	53	96.9	100.7	102.3	96.9	91.2	95.4	96.6
2016	38	97.5	101.3	102.9	97.1	91.8	95.7	96.9
2017	72	96.8	101.3	103.1	96.5	91.6	95.8	97.0
2018	28	96.7	102.1	103.6	96.4	91.9	96.5	97.2
2019	12	96.8	102.2	103.5	95.7	91.8	96.0	97.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	14	91.6	96.1	89.5	108.3	0.0	95.6
1987	11	92.5	96.9	90.4	109.1	0.0	97.0
1988	11	91.0	95.8	91.2	108.5	0.0	96.5
1989	20	91.8	96.6	90.0	107.4	0.0	95.8
1990	30	92.3	96.6	89.0	107.0	0.0	95.1
1991	37	92.6	96.3	90.5	107.6	0.0	96.2
1992	46	92.7	96.4	90.4	107.4	0.0	96.1
1993	47	92.5	97.1	90.1	107.5	0.0	96.1
1994	52	93.2	97.0	90.4	107.0	0.0	96.2
1995	46	93.3	97.5	90.5	107.7	0.0	96.7
1996	47	93.8	97.6	90.2	107.9	0.0	96.8
1997	42	95.5	97.7	91.2	107.8	0.0	97.8
1998	54	93.7	96.9	90.2	107.1	0.0	96.2
1999	82	94.5	97.4	91.1	107.2	0.0	97.0
2000	43	94.8	98.0	90.5	107.8	0.0	97.3
2001	69	93.8	97.1	91.3	107.4	0.0	97.0
2002	30	94.9	98.1	91.6	107.7	0.0	97.8
2003	60	94.2	97.5	92.0	107.7	0.0	97.8
2004	54	94.5	97.7	92.3	107.5	0.0	97.9
2005	49	95.3	98.1	91.6	106.8	0.0	97.6
2006	61	94.0	97.8	92.2	107.9	0.0	98.0
2007	45	95.1	98.3	92.4	107.4	0.0	98.2
2008	50	95.7	98.5	92.6	107.6	0.0	98.6
2009	46	95.4	97.4	92.5	107.7	0.0	98.3
2010	60	95.7	98.0	93.3	107.8	0.0	99.0
2011	52	96.1	98.1	92.9	107.3	0.0	98.7
2012	52	96.4	98.2	93.2	106.9	0.0	98.6
2013	65	95.8	98.0	93.2	107.5	0.0	98.7
2014	48	95.4	98.1	94.1	107.9	0.0	99.5
2015	53	95.5	97.5	93.6	106.6	0.0	98.4
2016	38	95.5	98.0	94.2	108.0	0.0	99.5
2017	72	95.4	97.8	93.6	108.4	0.0	99.4
2018	28	97.0	99.0	93.9	108.5	0.0	100.2
2019	12	98.0	99.7	93.6	106.9	0.0	99.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1983	12	103.2	103.2	103.5	103.0	102.6	96.2	86.8	104.0
1985	15	103.3	102.1	102.6	101.9	101.9	95.5	85.6	102.7
1986	12	102.3	103.2	102.6	102.6	101.3	94.4	86.2	103.1
1987	18	102.6	103.0	102.8	102.3	101.6	95.2	85.4	103.3
1988	14	102.3	104.4	103.6	103.5	101.9	95.1	84.9	104.2
1989	26	103.0	102.4	103.0	102.2	102.0	95.3	85.8	103.1
1990	44	103.6	103.9	104.2	103.7	103.0	96.3	85.3	104.5
1991	52	103.2	103.6	103.4	103.2	102.4	96.4	86.4	103.8
1992	70	103.0	103.8	103.5	103.3	102.3	95.8	86.1	104.0
1993	92	103.4	103.3	103.6	103.2	102.5	96.4	86.4	103.9

1994	75	103.2	102.7	102.9	102.5	102.1	96.0	86.5	103.2
1995	95	103.0	102.0	102.4	101.7	101.7	95.6	86.2	102.5
1996	69	102.4	102.9	102.5	102.2	101.4	96.0	87.0	102.9
1997	84	102.3	102.8	102.5	102.3	101.5	95.8	87.3	102.9
1998	101	102.0	102.8	102.2	102.0	101.1	95.4	86.5	102.6
1999	150	102.6	101.9	102.2	101.6	101.5	95.8	86.7	102.3
2000	130	103.1	102.0	102.4	101.8	101.7	95.8	86.5	102.5
2001	217	102.7	102.2	102.4	101.9	101.7	95.5	86.7	102.6
2002	165	102.8	102.0	102.4	101.7	101.6	95.7	86.8	102.5
2003	167	102.4	102.4	102.5	102.0	101.6	95.9	87.8	102.8
2004	181	102.1	102.7	102.4	102.1	101.5	96.2	88.3	102.8
2005	154	101.9	102.6	102.4	102.0	101.3	96.1	88.8	102.8
2006	176	102.1	102.8	102.6	102.3	101.5	96.0	89.0	103.0
2007	170	102.4	102.7	102.8	102.4	101.8	96.0	89.1	103.1
2008	133	102.0	103.4	103.2	102.9	101.8	96.1	89.8	103.6
2009	155	102.4	103.2	103.4	102.9	102.3	96.5	90.1	103.7
2010	162	102.2	103.4	103.4	103.0	102.1	96.0	90.2	103.8
2011	179	102.7	103.0	103.6	103.0	102.4	96.0	90.0	103.8
2012	157	102.4	103.5	103.8	103.5	102.5	96.1	90.5	104.1
2013	198	102.7	103.1	103.6	103.2	102.5	96.2	90.7	103.8
2014	184	103.2	103.1	104.2	103.5	103.1	96.7	91.0	104.3
2015	158	102.6	102.8	103.7	103.1	102.6	96.5	91.2	103.8
2016	112	102.6	103.7	104.2	103.9	103.1	96.9	92.1	104.5
2017	165	102.5	102.9	103.6	103.2	102.7	96.5	91.7	103.8
2018	129	102.5	102.9	103.7	103.2	102.8	96.3	92.1	103.8
2019	114	102.7	102.6	103.9	103.2	103.0	96.7	92.5	103.9
2020	52	103.1	102.5	104.2	103.3	103.5	96.9	92.8	104.2

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	10	95.1	89.4	95.9	98.2	101.5
1987	10	94.3	86.5	95.7	98.9	101.3
1988	10	94.4	97.6	96.9	99.5	101.5
1989	10	96.7	90.0	96.2	97.8	101.4
1990	22	92.4	96.3	97.0	99.6	101.7
1991	26	93.7	96.2	95.9	98.3	101.2
1992	40	94.1	89.9	96.6	99.0	101.7
1993	40	93.5	95.8	96.4	98.5	101.7
1994	33	94.2	95.4	96.6	98.9	101.9
1995	33	95.8	87.0	97.2	99.0	102.2
1996	41	95.1	86.0	97.1	99.2	102.0
1997	42	95.8	96.0	97.0	99.0	102.1
1998	38	94.0	89.4	96.7	98.6	102.0
1999	42	95.9	85.4	97.4	99.1	102.2
2000	41	96.1	92.0	97.0	98.7	101.9
2001	63	96.4	82.7	96.5	98.3	101.7
2002	28	96.5	99.7	97.2	98.7	102.4
2003	55	97.5	96.5	97.6	99.1	102.3
2004	54	97.3	97.8	98.0	99.8	102.3
2005	47	96.4	94.3	98.2	99.7	102.4
2006	55	96.5	93.2	98.1	99.8	102.3
2007	41	97.0	98.4	97.9	99.6	102.2
2008	49	97.3	91.6	98.5	100.3	102.2
2009	44	97.1	97.8	98.8	100.0	102.3
2010	58	96.7	94.8	99.2	100.4	102.3

2011	45	97.8	88.1	99.2	100.4	102.5
2012	52	97.9	97.3	99.3	100.6	102.2
2013	60	97.5	97.3	99.8	100.7	102.2
2014	45	97.4	89.9	100.2	101.2	102.4
2015	39	97.8	92.7	99.5	100.5	102.3
2016	37	97.6	96.6	100.5	101.6	102.5
2017	53	96.9	100.2	100.1	100.8	102.0
2018	21	96.8	99.5	100.5	101.5	102.1
2019	11	98.6	99.6	100.2	100.7	101.8

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1983	12	-109.9	-374.5	-175.0	100.3	104.0	90.2	108.2	100.8	0.0
1985	17	-87.2	-398.2	-88.0	100.1	102.7	89.5	108.3	101.1	111.9
1986	15	-97.6	-424.7	-185.0	100.0	103.1	90.0	108.1	101.1	119.1
1987	19	-90.4	-406.1	-176.7	100.4	103.3	90.4	109.1	100.8	110.8
1988	17	-102.3	-442.7	-265.4	100.8	104.2	91.2	108.5	101.3	96.6
1989	38	-96.0	-401.4	-248.6	99.9	103.1	90.0	107.4	101.1	116.0
1990	48	-107.4	-418.6	-301.9	100.9	104.5	89.0	107.0	101.2	86.0
1991	57	-120.6	-438.2	-297.9	100.0	103.8	90.5	107.6	100.7	98.3
1992	71	-105.9	-415.7	-222.8	100.5	104.0	90.4	107.4	100.7	91.9
1993	86	-119.3	-425.1	-287.8	100.4	103.9	90.1	107.5	100.5	83.8
1994	98	-101.9	-407.8	-207.2	100.7	103.2	90.4	107.0	100.2	108.2
1995	113	-96.8	-389.6	-203.3	100.9	102.5	90.5	107.7	100.3	98.0
1996	83	-93.9	-377.1	-181.4	100.9	102.9	90.2	107.9	100.0	87.6
1997	103	-87.7	-376.7	-113.4	100.9	102.9	91.2	107.8	100.7	95.9
1998	119	-98.1	-377.7	-176.0	100.7	102.6	90.2	107.1	100.1	87.5
1999	164	-95.3	-367.8	-155.1	101.0	102.3	91.1	107.2	101.4	78.4
2000	129	-102.6	-365.7	-234.2	100.6	102.5	90.5	107.8	101.5	65.7
2001	216	-99.7	-353.6	-176.8	100.2	102.6	91.3	107.4	102.2	59.4
2002	153	-103.3	-353.1	-215.7	100.9	102.5	91.6	107.7	101.2	51.8
2003	158	-80.9	-319.6	-165.9	101.0	102.8	92.0	107.7	101.8	44.5
2004	156	-71.8	-313.3	-99.6	101.4	102.8	92.3	107.5	101.8	42.8
2005	137	-64.8	-296.5	-91.5	101.4	102.8	91.6	106.8	101.8	46.4
2006	149	-62.5	-299.3	-98.4	101.4	103.0	92.2	107.9	102.0	46.5
2007	144	-61.3	-289.6	-95.4	101.2	103.1	92.4	107.4	101.9	36.8
2008	116	-36.3	-250.7	-17.8	101.5	103.6	92.6	107.6	102.1	32.0
2009	133	-21.9	-214.5	-13.4	101.5	103.7	92.5	107.7	102.0	30.9
2010	144	-26.0	-220.8	-35.6	101.7	103.8	93.3	107.8	102.1	27.2
2011	151	-20.0	-216.4	-2.4	101.8	103.8	92.9	107.3	102.3	30.9
2012	133	-10.4	-195.7	44.3	101.7	104.1	93.2	106.9	102.3	18.7
2013	172	-0.2	-165.7	60.0	101.8	103.8	93.2	107.5	102.3	18.7
2014	141	7.6	-180.0	103.4	102.1	104.3	94.1	107.9	102.7	22.6
2015	129	8.9	-165.2	124.8	101.7	103.8	93.6	106.6	102.7	29.3
2016	85	24.1	-149.7	156.7	102.4	104.5	94.2	108.0	102.9	13.3
2017	147	28.9	-111.9	161.1	101.7	103.8	93.6	108.4	103.1	13.6
2018	102	34.7	-93.5	157.5	102.1	103.8	93.9	108.5	103.3	1.2
2019	82	33.3	-86.3	165.8	101.5	103.9	93.6	106.9	103.4	3.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1996	11	102.1	103.5	101.0	103.5	100.4	106.5	97.3
1997	10	100.7	101.5	100.8	103.3	97.9	105.7	97.0
1998	16	101.2	101.1	101.6	104.4	97.9	107.5	96.1
1999	14	101.7	103.6	100.0	103.6	99.9	106.8	98.4
2000	15	102.3	103.3	101.3	104.3	98.9	106.6	97.8
2001	21	102.1	102.9	101.1	103.5	100.2	107.3	97.5
2002	13	102.0	103.0	101.0	103.9	99.7	106.8	98.0
2003	25	103.1	103.3	102.0	104.0	100.3	107.0	98.6
2004	28	103.2	103.6	102.3	104.2	100.3	106.7	98.1
2005	16	102.1	102.6	102.3	104.2	99.1	106.1	96.2
2006	26	102.2	103.5	101.5	104.1	99.9	106.1	96.8
2007	22	102.7	103.7	101.9	104.1	100.4	106.5	97.2
2008	22	103.4	103.0	102.5	104.3	100.7	107.2	98.1
2009	36	103.3	104.8	101.3	103.7	101.7	106.1	99.3
2010	36	103.7	104.4	102.2	104.1	101.1	106.8	98.3
2011	31	103.2	103.1	103.2	104.6	99.9	107.0	96.5
2012	42	103.5	103.7	103.2	104.3	100.5	106.8	97.0
2013	43	103.2	104.0	102.2	103.9	101.1	106.6	97.8
2014	39	103.6	103.9	102.2	104.0	101.7	106.9	98.5
2015	33	103.6	105.3	101.0	103.2	103.1	106.2	100.1
2016	31	102.8	104.3	100.8	103.1	101.7	106.4	99.3
2017	41	103.0	104.1	101.4	103.2	101.2	106.5	99.3
2018	19	103.1	104.2	102.2	102.7	100.5	105.9	98.8

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	10	96.9	104.5	96.9	104.5	94.1	103.9
1988	12	97.8	104.1	97.8	104.1	95.3	103.5
1989	12	97.6	104.1	97.6	104.1	94.3	103.2
1990	32	97.3	104.4	97.3	104.4	94.5	103.8
1991	37	96.9	103.8	96.9	103.8	95.0	103.2
1992	54	97.3	104.0	97.3	104.0	95.1	103.4
1993	78	96.9	103.9	96.9	103.9	94.5	103.1
1994	75	96.4	104.0	96.4	104.0	93.8	103.3
1995	78	96.7	103.9	96.7	103.9	93.8	103.2
1996	66	95.9	104.3	95.9	104.3	93.1	103.7
1997	70	97.1	104.2	97.1	104.2	94.6	103.6
1998	62	96.1	103.9	96.1	103.9	93.6	103.8
1999	102	98.3	103.9	98.3	103.9	95.3	103.3
2000	102	98.0	104.3	98.0	104.3	95.0	103.4
2001	110	98.2	104.5	98.2	104.5	95.5	103.4
2002	127	97.7	104.1	97.7	104.1	95.0	103.3
2003	149	98.3	104.2	98.3	104.2	95.5	103.0
2004	178	98.2	103.8	98.2	103.8	95.3	102.7
2005	142	98.2	104.4	98.2	104.4	95.1	103.4
2006	181	98.2	104.5	98.2	104.5	95.3	103.8
2007	166	97.9	104.7	97.9	104.7	95.0	103.6
2008	128	97.9	104.9	97.9	104.9	95.1	103.7
2009	179	97.9	103.6	97.9	103.6	95.4	102.2
2010	170	98.0	104.8	98.0	104.8	95.6	103.4
2011	185	98.2	104.4	98.2	104.4	95.8	103.3
2012	174	97.8	105.2	97.8	105.2	96.0	103.7
2013	192	98.0	105.0	98.0	105.0	96.2	103.7

2014	194	98.0	105.4	98.0	105.4	95.9	103.6
2015	152	97.8	105.4	97.8	105.4	96.2	103.9
2016	149	98.0	105.4	98.0	105.4	96.3	103.6
2017	164	98.6	104.6	98.6	104.6	96.7	103.0
2018	124	98.7	105.4	98.7	105.4	96.6	103.8
2019	139	98.6	105.6	98.6	105.6	96.6	104.1
2020	169	98.5	105.7	98.5	105.7	96.8	104.2
2021	158	98.7	100.3	98.7	100.3	96.8	98.8
2022	20	98.9	100.0	98.9	100.0	96.8	98.7

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1987	10	94.6	113.2	106.2	90.0	80.9	75.3
1989	15	93.7	113.0	107.1	82.9	73.5	67.6
1990	23	95.6	112.8	105.3	104.3	91.3	84.0
1991	29	94.2	113.0	106.5	109.3	96.2	89.6
1992	46	94.8	112.0	105.7	111.3	97.9	90.3
1993	49	94.0	112.4	106.7	108.8	96.8	89.7
1994	41	93.8	112.1	106.9	113.6	100.5	93.0
1995	37	94.0	111.7	106.9	103.5	92.5	85.6
1996	40	93.5	112.9	107.5	110.0	98.6	91.1
1997	47	94.1	112.6	106.8	113.3	101.0	93.4
1998	40	93.1	113.2	107.7	110.4	98.6	90.6
1999	47	94.1	112.5	106.9	112.3	100.9	93.3
2000	52	94.8	112.1	106.2	112.9	100.5	92.2
2001	55	94.5	112.5	106.3	111.0	98.5	90.5
2002	36	93.0	113.6	107.9	112.3	100.9	93.1
2003	85	94.3	112.2	106.4	110.8	99.3	92.3
2004	85	94.4	113.3	106.3	109.8	99.5	94.0
2005	73	94.4	112.6	106.5	108.5	98.6	91.8
2006	91	94.4	112.3	106.4	111.7	100.9	94.5
2007	104	94.2	113.2	106.7	111.9	101.3	94.9
2008	95	94.0	113.3	106.8	110.5	100.3	94.2
2009	117	94.8	113.6	105.9	110.7	99.7	92.4
2010	123	94.3	113.4	106.6	111.4	100.3	93.8
2011	129	94.1	112.7	106.7	111.2	100.5	93.8
2012	125	94.1	112.6	106.7	111.8	99.4	93.0
2013	132	94.3	112.5	106.4	112.1	99.2	92.5
2014	126	93.9	112.9	106.9	112.1	99.5	92.5
2015	112	94.1	113.5	106.4	112.2	98.8	92.9
2016	101	94.9	112.3	105.6	112.0	98.9	92.6
2017	148	94.5	112.2	106.0	108.0	95.3	89.6
2018	98	94.9	111.1	105.9	111.7	98.2	92.1
2019	113	94.8	111.6	105.9	110.9	97.5	91.2
2020	122	94.5	112.0	106.2	111.9	98.2	92.0
2021	113	94.3	110.8	106.6	106.7	94.4	88.2
2022	19	92.8	112.6	107.8	105.6	93.5	87.7

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
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1983	10	101.0	109.9	97.4	102.0	109.0	102.0	99.7	93.2	110.5	98.2	108.6
1985	13	101.2	110.3	97.8	100.8	110.3	101.5	99.5	93.8	111.8	97.9	108.1
1986	10	101.0	111.1	98.4	101.2	109.0	102.7	98.7	94.2	111.8	99.0	107.8
1987	13	100.4	110.7	97.5	101.4	108.8	102.3	98.2	94.0	111.6	97.8	108.2
1988	13	100.9	110.2	98.5	101.0	108.3	102.6	99.0	94.2	111.4	98.2	109.0
1989	16	101.1	110.6	97.9	101.2	109.7	101.8	99.6	93.0	111.8	97.9	108.7
1990	32	100.5	110.3	98.6	101.1	108.7	102.6	99.0	93.1	111.2	98.8	108.3
1991	41	101.0	110.4	98.2	101.1	109.6	102.3	99.4	93.2	111.5	98.6	108.2
1992	54	101.1	110.2	98.9	100.7	109.8	102.1	99.6	93.3	111.6	98.6	108.0
1993	71	100.9	111.1	98.5	101.8	109.6	102.9	99.3	92.8	112.0	98.8	108.9
1994	53	100.9	110.4	98.3	101.2	109.8	102.8	99.3	93.3	111.7	98.6	108.3
1995	64	100.8	109.9	99.0	101.1	109.3	103.0	99.1	93.3	111.3	99.0	108.3
1996	59	101.3	110.3	98.7	101.6	109.7	102.7	99.8	93.4	111.5	98.9	108.9
1997	63	101.1	109.7	99.0	101.2	109.4	102.8	99.6	93.7	110.9	99.4	108.1
1998	72	100.4	110.3	99.0	101.1	109.4	103.1	99.0	92.6	111.4	99.2	108.1
1999	123	100.9	109.8	98.8	101.2	109.1	102.9	99.4	93.6	111.1	99.1	108.2
2000	93	101.2	110.0	98.2	101.7	109.1	102.7	99.8	93.4	111.1	98.7	108.8
2001	157	100.9	110.1	98.8	101.3	109.2	103.1	99.3	93.5	111.3	99.4	108.0
2002	130	101.0	110.0	99.0	101.8	108.8	103.5	99.6	93.5	111.0	99.5	108.6
2003	145	101.3	110.2	98.6	102.2	109.2	103.2	99.9	93.4	111.1	99.6	108.5
2004	143	101.1	109.4	98.9	101.5	108.8	103.2	99.7	93.7	110.6	99.9	107.7
2005	128	100.7	108.9	99.0	101.2	108.3	103.1	99.4	93.6	109.9	99.9	107.1
2006	137	100.6	108.8	98.7	101.3	108.1	103.3	99.5	93.6	109.9	99.8	107.4
2007	129	101.3	109.3	98.0	102.1	108.4	102.5	100.2	93.5	109.9	99.2	107.9
2008	89	101.4	108.7	98.2	102.0	108.3	102.8	100.3	93.6	109.7	99.4	108.1
2009	98	101.0	108.4	98.2	101.2	108.2	102.5	100.0	93.4	109.6	99.3	107.3
2010	100	101.6	108.2	98.3	101.6	108.4	102.5	100.8	93.7	109.3	99.6	107.8
2011	70	102.5	108.0	98.7	101.8	109.0	102.3	101.7	93.8	109.2	100.0	108.0
2012	58	102.6	107.6	98.7	102.1	108.5	102.4	102.1	93.5	108.7	100.1	108.3
2013	63	102.4	107.1	98.7	101.6	108.2	102.3	101.8	94.2	108.5	100.0	107.9
2014	47	102.6	106.8	98.7	101.8	108.0	102.9	102.1	94.2	108.2	100.6	108.0
2015	43	102.5	106.4	98.5	101.4	107.8	102.4	101.9	94.5	108.1	100.3	107.7
2016	38	102.4	107.1	99.2	101.7	107.9	102.7	101.7	94.6	108.6	100.6	108.0
2017	64	102.4	106.8	98.6	101.3	108.2	102.5	101.5	94.7	108.6	100.1	107.7
2018	26	103.1	106.5	98.8	102.1	107.9	102.1	102.3	95.3	108.2	99.9	108.6
2019	11	102.4	105.8	98.9	101.5	107.3	102.0	102.0	94.6	107.5	99.6	107.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	10	90.5	97.8	84.8
1988	12	92.6	99.6	84.8
1989	12	91.1	98.2	84.6
1990	33	91.0	98.2	84.5
1991	34	90.7	97.9	84.6
1992	54	90.8	97.9	84.8
1993	89	89.7	97.0	84.4
1994	81	89.6	96.8	84.8
1995	85	90.0	97.3	83.9
1996	75	89.7	97.0	83.9
1997	68	90.3	97.8	83.3
1998	63	89.5	97.0	84.0
1999	101	91.9	98.9	83.3
2000	104	91.4	98.3	83.9
2001	115	91.9	98.7	83.6

2002	133	91.8	98.7	83.7
2003	151	92.1	99.1	83.7
2004	170	92.4	99.4	83.8
2005	147	92.2	99.3	83.2
2006	182	92.9	99.9	83.1
2007	168	92.6	99.5	83.0
2008	129	93.1	99.8	83.7
2009	193	93.6	100.0	84.0
2010	176	93.6	100.1	84.0
2011	192	93.3	99.9	83.6
2012	181	93.4	100.0	83.6
2013	199	93.6	99.9	83.8
2014	206	94.4	100.5	83.8
2015	170	94.9	100.7	84.6
2016	160	95.2	100.9	84.8
2017	168	95.8	101.5	85.0
2018	137	96.3	101.8	86.0
2019	147	96.3	101.8	85.9
2020	191	96.1	101.5	85.6
2021	162	96.2	101.4	86.1
2022	19	95.8	101.4	85.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	209	-2552.4	-10615.1	-434.8	-364.1
2002	151	-2749.7	-11445.4	-467.8	-392.4
2003	156	-2357.8	-9789.0	-401.1	-336.8
2004	148	-1971.4	-8166.8	-334.0	-282.3
2005	132	-1885.4	-7913.7	-316.2	-271.3
2006	141	-1916.9	-8046.7	-326.0	-273.6
2007	139	-1884.7	-7964.0	-319.3	-269.6
2008	112	-1296.7	-5419.6	-220.0	-185.5
2009	131	-1141.5	-4800.0	-191.1	-164.5
2010	145	-1285.5	-5446.8	-219.8	-182.8
2011	145	-1079.9	-4710.8	-180.5	-155.3
2012	129	-728.2	-3311.2	-124.7	-102.7
2013	170	-518.0	-2178.1	-92.9	-71.5
2014	142	-309.6	-1525.0	-59.9	-39.8
2015	125	-116.5	-701.7	-21.7	-15.0
2016	89	162.0	752.0	17.0	28.3
2017	159	313.6	1460.3	43.7	49.3
2018	104	342.5	1478.0	45.0	55.6
2019	85	440.1	1854.7	69.3	65.7

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

Jaar	Aantal	Eff	Int	Gewen
1990	12	97.1	95.6	107.5
1992	15	99.2	97.2	107.5
1993	19	98.0	95.8	106.7

1994	20	98.0	96.7	106.5
1995	19	98.4	96.1	106.5
1996	24	97.7	96.8	107.6
1997	31	97.6	96.8	107.2
1998	17	97.9	96.8	107.2
1999	23	97.0	97.0	107.0
2000	31	97.5	96.5	106.6
2001	29	97.4	96.8	107.0
2002	17	98.0	97.9	106.6
2003	39	97.7	97.3	106.4
2004	36	97.9	98.5	106.4
2005	29	98.1	97.8	106.4
2006	37	97.2	97.6	107.0
2007	32	97.4	96.9	106.9
2008	40	97.0	96.1	107.2
2009	37	97.6	99.2	106.4
2010	55	96.9	97.9	106.8
2011	59	98.6	97.2	106.3
2012	43	97.8	97.7	106.9
2013	59	98.2	98.7	106.3
2014	48	98.3	98.9	106.2
2015	51	98.9	98.9	106.3
2016	35	98.7	101.7	106.4
2017	76	100.1	102.0	106.0
2018	51	100.0	103.9	106.0
2019	46	99.7	103.0	106.4

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1983	12	99.8	99.8	0	0.0	0.0	0	0.0
1985	17	98.8	98.8	18	-4.5	111.9	0	0.0
1986	15	98.8	99.4	15	-4.8	119.1	0	0.0
1987	19	100.4	100.2	19	-4.6	110.8	0	0.0
1988	17	100.2	101.0	17	-4.6	96.6	0	0.0
1989	38	99.6	99.3	38	-4.6	116.0	0	0.0
1990	48	100.8	101.1	48	-4.2	86.0	0	0.0
1991	57	99.8	100.7	57	-4.6	98.3	0	0.0
1992	71	100.4	100.8	71	-4.3	91.9	0	0.0
1993	86	99.5	100.2	86	-4.2	83.8	0	0.0
1994	98	100.1	99.5	98	-4.5	108.2	0	0.0
1995	113	99.6	99.7	115	-4.2	98.0	0	0.0
1996	83	100.1	100.3	83	-4.0	87.6	0	0.0
1997	103	99.8	99.7	103	-4.1	95.9	0	0.0
1998	119	100.1	100.1	120	-4.0	87.5	0	0.0
1999	164	100.0	99.7	165	-3.8	78.4	0	0.0
2000	129	99.8	99.9	129	-3.5	65.7	0	0.0
2001	216	99.6	99.8	216	-3.4	59.4	67	96.7
2002	153	99.6	99.9	153	-3.2	51.8	30	98.1
2003	158	100.0	100.2	158	-2.9	44.5	60	97.7
2004	156	100.7	100.6	156	-2.8	42.8	54	98.4
2005	137	100.4	100.8	137	-2.8	46.4	49	98.7
2006	149	100.5	100.4	150	-2.8	46.5	61	98.5
2007	144	99.7	100.6	144	-2.6	36.8	44	99.2
2008	116	101.1	100.5	116	-2.2	32.0	50	99.3
2009	133	101.2	101.0	133	-2.0	30.9	46	97.9

2010	144	101.2	101.0	145	-2.0	27.2	60	98.8
2011	151	101.1	100.6	151	-2.0	30.9	52	98.8
2012	133	101.0	101.3	133	-1.7	18.7	52	99.5
2013	172	102.5	100.8	172	-1.5	18.7	65	98.8
2014	141	102.1	101.0	141	-1.7	22.6	47	98.6
2015	129	101.7	100.6	130	-1.6	29.3	53	97.8
2016	85	102.5	101.0	85	-1.3	13.3	38	99.5
2017	147	103.0	100.0	147	-1.0	13.6	72	98.4
2018	102	102.9	100.0	102	-0.7	1.2	28	100.1
2019	82	103.1	99.8	82	-0.7	3.0	12	99.8

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	10	100.0	0	0.0	0	0.0	10	100.5
1990	17	100.0	0	0.0	0	0.0	17	100.8
1991	20	100.0	0	0.0	0	0.0	20	99.6
1992	35	100.0	0	0.0	1	99.0	35	99.9
1993	34	100.0	0	0.0	1	99.0	34	100.2
1994	32	100.0	0	0.0	0	0.0	32	99.8
1995	36	100.0	1	99.0	2	99.5	36	100.4
1996	34	99.9	2	98.5	4	98.5	34	100.2
1997	44	100.0	0	0.0	0	0.0	44	99.5
1998	39	100.0	0	0.0	1	100.0	39	100.0
1999	57	99.9	0	0.0	2	96.5	57	99.9
2000	55	100.0	0	0.0	2	99.0	55	99.8
2001	65	100.0	1	99.0	3	100.3	65	100.6
2002	45	100.0	0	0.0	0	0.0	45	100.6
2003	76	100.0	1	99.0	3	98.7	76	100.8
2004	74	99.9	3	98.3	4	95.8	74	100.7
2005	71	100.0	0	0.0	2	98.5	71	100.0
2006	85	100.0	2	100.0	8	98.2	85	100.5
2007	97	99.9	2	99.5	13	98.5	97	100.3
2008	91	99.9	3	98.7	12	97.3	91	100.1
2009	97	99.9	4	98.2	4	98.0	97	100.2
2010	115	100.0	0	0.0	2	98.5	115	100.3
2011	125	99.9	2	99.0	5	97.2	125	100.4
2012	115	99.9	2	95.5	4	98.0	115	100.4
2013	137	99.9	3	98.0	5	98.8	137	100.4
2014	109	99.9	1	99.0	4	99.5	109	101.0
2015	108	99.9	0	0.0	0	0.0	108	100.4
2016	75	100.0	0	0.0	0	0.0	75	101.3
2017	126	100.0	0	0.0	0	0.0	126	101.5
2018	87	100.0	0	0.0	0	0.0	87	102.0
2019	60	99.9	0	0.0	0	0.0	60	101.5

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1993	10	102.0	99.2	104.6	100.0	104.9	102.8
1995	12	101.4	98.5	104.0	99.2	104.8	102.2

1996	13	101.0	97.8	103.8	99.1	104.5	102.2
1997	14	100.7	97.6	103.8	98.9	104.4	101.7
1999	11	101.3	98.2	104.7	99.4	104.4	102.4
2000	13	102.1	98.8	104.9	99.7	105.1	103.3
2001	13	102.4	99.0	105.0	99.9	105.2	104.0
2003	20	101.5	98.2	104.2	99.5	104.3	102.8
2004	18	100.9	97.7	103.9	99.2	104.0	102.4
2005	12	100.6	97.4	103.3	98.8	103.7	100.9
2006	18	101.8	98.8	104.3	99.8	104.6	102.8
2007	20	101.6	98.7	104.2	99.7	104.4	102.2
2008	25	101.8	99.0	104.6	99.9	104.4	102.6
2009	27	102.6	99.9	105.1	100.4	104.8	103.5
2010	30	101.6	98.8	104.6	99.7	104.2	102.5
2011	19	101.7	98.5	104.3	99.7	104.6	102.6
2012	16	101.1	97.8	104.1	99.2	104.1	102.1
2013	19	101.4	98.1	104.5	99.4	104.4	102.5
2014	19	100.9	97.8	104.0	99.2	103.8	101.8
2015	22	101.1	98.5	103.6	99.1	103.9	102.3
2016	18	101.3	98.6	103.9	98.9	104.3	102.2
2017	41	101.3	98.4	104.2	99.2	104.3	102.4
2018	28	101.5	98.5	104.4	99.4	104.4	102.6
2019	10	100.9	98.2	103.9	99.1	104.1	102.0

Tabel: 298 Zweeds Roodbont: Melkproductiekenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	17	-1443.2	-51.2	-56.1	-65.7	20.6	-5.8	0.1	-357.0
2005	12	-679.7	-29.1	-28.8	-24.8	2.8	-5.6	9.2	-186.9
2006	12	-597.1	-29.2	-29.3	-23.9	-3.2	-10.4	4.4	-188.7
2008	12	-509.8	-21.0	-21.0	-22.2	2.8	-3.3	1.3	-137.0
2012	18	-538.8	-24.7	-19.4	-28.7	-0.1	0.1	-5.6	-140.3
2013	13	-705.7	-23.7	-25.9	-36.9	11.6	-0.3	-6.5	-167.1
2014	13	-688.1	-33.4	-26.9	-38.5	-1.4	-1.8	-9.2	-192.2

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

Tabel: 299 Zweeds Roodbont: Vruchtbaarheidskenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	18	99.7	104.2	103.9	104.7	101.0	97.2	89.4	104.3
1987	11	98.6	103.6	102.4	103.5	99.5	96.0	89.0	103.0
2005	10	98.2	102.2	101.8	102.5	99.2	96.3	91.5	102.0
2006	12	99.7	103.6	104.2	104.8	101.6	96.2	92.1	104.4
2008	12	99.0	104.8	104.3	105.5	101.5	96.2	93.1	104.9
2012	16	100.8	103.4	104.3	105.1	102.7	97.9	93.8	104.6
2013	13	100.8	103.3	104.3	104.9	102.4	96.9	93.3	104.5
2014	14	101.4	103.5	104.6	105.4	102.9	97.7	93.4	104.7

Tabel: 300 Zweeds Roodbont: NVI met onderliggende kenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1985	17	-90.6	-357.0	-288.8	100.2	104.3	89.5	96.1	102.0	105.9
2005	12	-51.2	-186.9	-38.8	100.2	102.0	91.7	96.0	99.5	119.8
2006	12	-29.0	-188.7	-6.3	99.7	104.4	91.6	93.6	101.7	123.2
2008	12	-3.2	-137.0	15.2	99.8	104.9	92.0	92.9	102.8	107.4
2012	18	0.8	-140.3	14.3	99.4	104.6	92.0	99.3	104.3	97.2
2013	13	-38.4	-167.1	-65.1	98.8	104.5	93.5	94.0	103.7	82.8
2014	13	-21.5	-192.2	21.6	99.0	104.7	0.0	0.0	102.9	119.2

Tabel: 301 Zweeds Roodbont: Levensvatbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2008	10	99.2	104.1	99.2	104.1	98.2	103.9
2012	19	100.7	104.8	100.7	104.8	100.4	104.3
2013	14	99.4	105.0	99.4	105.0	99.4	104.4
2014	14	99.9	103.7	99.9	103.7	100.1	103.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2006	10	100.0	103.2	97.9	82.0	76.7	76.4
2008	12	100.2	102.6	98.1	87.5	79.0	78.5
2012	17	101.3	101.8	97.2	100.2	85.7	86.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2008	10	97.7	100.3	95.1
2012	17	98.2	100.5	95.4
2013	14	98.0	100.6	95.4
2014	16	97.8	100.4	96.9
2016	10	98.8	100.5	97.7

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2005	10	-1221.2	-4641.7	-193.6	-182.2
2006	12	-975.2	-3258.8	-152.2	-148.7

2008	12	-638.3	-2277.1	-97.0	-98.4
2012	16	-687.1	-2534.9	-121.0	-97.4
2013	13	-1221.4	-5029.8	-190.3	-183.9
2014	13	-789.8	-2619.8	-138.1	-113.2

Tabel: 305 Zweeds Roodbont: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1985	17	97.9	93.6	19	-3.9	105.9	0	0.0
2005	12	98.5	93.9	12	-3.1	119.8	3	88.0
2006	12	98.4	92.7	12	-3.2	123.2	7	86.9
2008	12	99.7	92.8	12	-2.6	107.4	7	88.9
2012	18	98.6	93.1	18	-2.6	97.2	3	86.3
2013	13	97.2	92.2	13	-2.5	82.8	4	90.8
2014	13	98.8	93.3	13	-3.3	119.2	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2008	11	100.4	0	0.0	0	0.0	11	95.6
2012	15	100.8	0	0.0	0	0.0	15	96.6
2013	13	100.6	0	0.0	0	0.0	13	94.9
2014	11	100.8	0	0.0	0	0.0	11	93.6

Tabel: 307 Angler: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	19	-3000.5	-82.9	-96.5	-136.8	99.1	21.8	-0.2	-610.9
1981	20	-3040.2	-84.9	-98.5	-138.6	99.0	20.8	-0.3	-623.8
1982	22	-2969.3	-87.0	-97.1	-135.2	88.2	18.3	0.1	-621.5
1984	12	-3067.3	-85.2	-96.8	-139.8	104.1	27.3	-0.3	-617.6
1985	14	-3200.6	-87.0	-101.4	-145.9	112.6	27.5	-0.3	-642.0
1986	21	-3029.2	-84.0	-96.7	-138.0	100.4	23.7	-0.2	-614.5
1987	13	-3104.5	-87.1	-100.2	-141.5	101.5	22.2	-0.4	-636.2
1988	16	-3323.1	-99.9	-107.4	-151.4	102.5	25.9	-0.1	-696.1
1989	10	-2627.6	-68.4	-85.7	-119.7	88.1	15.6	-0.1	-530.9
2012	15	-1435.5	-40.1	-52.3	-65.3	36.7	-0.9	0.1	-318.5
2013	12	-1582.6	-43.4	-57.8	-71.9	41.4	-1.2	0.4	-349.5
2014	10	-1014.6	-27.0	-41.2	-46.0	27.0	-6.2	0.3	-239.5
2015	10	-1033.4	-19.7	-40.0	-46.8	37.5	-4.0	0.5	-219.4
2016	14	-743.2	-20.2	-33.6	-31.2	17.6	-9.1	3.7	-189.5
2017	10	-893.4	-24.0	-39.2	-26.0	22.4	-9.0	20.6	-218.9

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

Tabel: 308 Angler: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	39	102.4	105.4	104.0	105.4	102.8	95.7	78.7	105.0
1981	57	102.3	105.4	104.1	105.4	102.8	95.8	79.0	104.9
1982	48	102.7	105.4	104.4	105.7	103.2	96.1	79.6	105.2
1983	21	103.1	104.9	104.2	105.2	103.3	95.8	78.0	104.9
1984	26	102.8	104.8	104.0	105.1	103.0	95.5	78.5	104.7
1985	29	102.4	105.3	103.9	105.3	102.8	95.4	78.1	104.7
1986	29	102.0	105.2	103.6	105.0	102.4	95.0	78.1	104.5
1987	16	102.4	106.4	104.9	106.4	103.4	96.2	78.6	106.1
1988	18	102.3	106.0	104.6	105.9	103.1	96.4	78.6	105.7
1989	18	103.1	103.4	103.4	104.1	102.6	95.9	78.5	103.7
2015	10	100.9	101.2	101.5	101.8	100.8	97.5	87.8	101.6
2016	11	100.6	102.1	102.5	102.5	101.1	98.5	89.5	102.6

Tabel: 309 Angler: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	19	-215.7	-610.9	-401.6	101.0	105.0	82.7	101.5	0.0	0.0
1981	20	-208.6	-623.8	-407.3	101.6	104.9	83.4	101.1	0.0	0.0
1982	22	-219.0	-621.5	-400.0	102.2	105.2	84.2	101.1	0.0	0.0
1984	12	-225.7	-617.6	-602.9	100.5	104.7	82.2	100.0	0.0	0.0
1985	14	-174.5	-642.0	-603.7	101.3	104.7	82.9	101.8	0.0	238.4
1986	21	-174.8	-614.5	-715.0	101.4	104.5	80.5	102.0	0.0	177.0
1987	13	-183.2	-636.2	-592.9	101.2	106.1	78.3	99.3	0.0	179.3
1988	16	-195.1	-696.1	-762.6	102.0	105.7	88.0	102.0	0.0	197.3
1989	10	-152.6	-530.9	-521.4	101.5	103.7	83.0	103.0	0.0	115.7
2012	15	-61.7	-318.5	40.3	100.7	104.5	0.0	0.0	103.5	119.3
2013	12	-72.8	-349.5	36.5	100.3	103.3	0.0	0.0	103.0	129.7
2014	10	-59.0	-239.5	-117.2	99.4	100.6	0.0	0.0	0.0	89.7
2015	10	-47.4	-219.4	-23.4	101.0	101.6	0.0	0.0	99.0	65.2
2016	14	-20.3	-189.5	11.8	100.9	102.6	89.0	100.0	102.0	80.8
2017	10	-41.2	-218.9	-35.2	99.1	102.8	0.0	0.0	0.0	62.9

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2016	12	-942.4	-3795.5	-109.2	-161.1

Tabel: 311 Angler: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
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1980	19	99.6	98.2	0	0.0	0.0	0	0.0
1981	20	99.2	98.3	0	0.0	0.0	0	0.0
1982	22	99.0	98.5	0	0.0	0.0	0	0.0
1984	12	99.3	97.9	0	0.0	0.0	0	0.0
1985	14	97.9	97.8	16	-8.1	238.4	0	0.0
1986	21	99.4	98.0	22	-6.9	177.0	0	0.0
1987	13	101.1	97.6	13	-7.1	179.3	0	0.0
1988	16	98.7	97.3	16	-7.8	197.3	0	0.0
1989	10	100.7	97.4	9	-5.3	115.7	0	0.0
2012	15	100.5	97.8	15	-3.9	119.3	0	0.0
2013	12	100.7	98.2	12	-4.3	129.7	0	0.0
2014	10	99.2	97.2	10	-2.9	89.7	0	0.0
2015	10	99.1	98.3	10	-2.3	65.2	0	0.0
2016	14	100.8	97.9	14	-2.4	80.8	1	83.0
2017	10	100.3	96.5	10	-2.2	62.9	0	0.0

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2014	10	100.0	0	0.0	0	0.0	10	95.5
2016	13	99.8	0	0.0	0	0.0	13	95.9

Tabel: 313 Montbéliard: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	18	-1869.7	-90.5	-69.3	-85.2	-10.5	-3.2	0.0	-500.0
1981	31	-1836.4	-91.1	-67.8	-83.5	-13.6	-2.6	0.3	-494.3
1982	22	-1842.4	-93.0	-70.0	-83.8	-16.5	-5.9	0.2	-507.3
1983	17	-1851.8	-93.1	-68.4	-84.4	-15.9	-2.8	0.0	-501.4
1984	27	-1748.8	-88.8	-66.3	-79.5	-16.3	-5.3	0.4	-482.1
1985	46	-1835.8	-89.1	-68.2	-83.5	-10.5	-3.3	0.2	-491.7
1986	38	-1773.7	-87.7	-67.3	-80.7	-12.8	-5.7	0.2	-484.6
1987	74	-1860.1	-89.3	-68.7	-84.6	-8.9	-2.7	0.2	-494.6
1988	62	-1852.6	-88.0	-68.8	-84.3	-7.7	-3.4	0.2	-492.0
1989	81	-1879.1	-88.1	-69.8	-85.4	-6.1	-3.3	0.3	-496.8
1990	92	-1890.9	-87.6	-70.0	-86.0	-4.3	-2.9	0.1	-496.8
1991	65	-1793.1	-84.5	-67.3	-81.6	-6.2	-4.3	0.2	-477.8
1992	96	-1742.9	-80.7	-65.7	-79.3	-3.3	-4.4	0.1	-462.7
1993	110	-1507.2	-73.6	-58.7	-68.5	-8.7	-6.4	0.1	-415.9
1994	166	-1520.3	-74.4	-59.1	-69.1	-9.1	-6.2	0.4	-419.2
1995	113	-1608.7	-78.8	-61.6	-73.1	-9.9	-5.4	0.3	-440.0
1996	186	-1614.6	-79.8	-61.5	-73.4	-11.1	-5.1	0.3	-441.8
1997	159	-1454.9	-74.1	-55.6	-66.1	-13.2	-4.8	0.2	-403.5
1998	193	-1476.3	-72.1	-55.4	-67.0	-8.8	-3.4	0.3	-398.8
1999	219	-1513.7	-76.6	-58.4	-68.7	-13.0	-5.7	0.4	-421.1
2000	215	-1463.6	-75.7	-56.5	-66.3	-14.9	-5.6	0.5	-410.5
2001	236	-1408.8	-71.7	-54.4	-61.9	-12.2	-5.3	3.4	-392.3
2002	184	-1213.1	-63.4	-46.9	-51.4	-12.7	-4.5	5.7	-341.0
2003	235	-1075.0	-60.1	-43.0	-45.9	-16.3	-5.8	4.5	-316.5
2004	266	-1014.1	-58.0	-41.3	-43.8	-17.1	-6.3	3.4	-304.2
2005	352	-974.3	-56.7	-39.5	-41.8	-17.8	-5.8	3.5	-293.4

2006	355	-928.9	-53.9	-38.3	-40.4	-16.5	-6.5	2.7	-282.4
2007	409	-835.5	-50.7	-35.1	-36.4	-17.7	-6.5	2.2	-261.4
2008	412	-754.3	-48.2	-32.3	-32.9	-19.0	-6.7	2.0	-243.5
2009	469	-713.4	-46.1	-30.5	-31.5	-18.6	-6.2	1.4	-231.3
2010	454	-553.6	-38.9	-24.7	-25.1	-18.0	-5.9	0.2	-190.4
2011	512	-518.8	-36.7	-23.3	-24.3	-17.1	-5.7	-0.8	-180.1
2012	522	-417.5	-33.0	-19.2	-20.6	-17.9	-5.0	-2.0	-154.3
2013	566	-396.2	-30.0	-18.1	-19.8	-15.1	-4.6	-2.2	-143.4
2014	530	-292.8	-26.5	-14.9	-15.8	-16.3	-5.1	-3.1	-121.7
2015	437	-220.8	-24.5	-13.0	-12.8	-17.6	-6.0	-3.4	-108.6
2016	360	-223.0	-23.6	-11.1	-12.8	-16.5	-3.5	-3.3	-99.1
2017	276	-154.2	-21.6	-8.8	-9.7	-17.6	-3.6	-3.3	-84.2
2018	217	-142.4	-18.3	-7.6	-9.8	-14.2	-2.7	-4.1	-72.8
2019	187	-72.6	-14.5	-4.0	-7.6	-13.3	-1.4	-5.2	-49.1

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

Tabel: 314 Montbéliard: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	16	94.1	106.4	92.8	85.9	111.8	106.6	92.0
1982	11	94.2	106.1	92.7	86.5	111.6	105.7	92.3
1985	18	93.8	106.6	92.7	86.2	111.8	106.3	91.1
1986	17	94.2	106.5	92.8	86.6	111.7	105.7	91.6
1987	31	94.8	107.4	93.8	87.2	111.6	105.9	92.7
1988	19	94.6	107.1	93.3	86.6	111.8	105.7	92.0
1989	43	93.3	107.3	93.3	86.3	112.8	106.8	92.4
1990	37	94.2	107.4	93.7	86.8	112.5	107.0	92.5
1991	28	93.8	107.2	92.9	86.2	112.5	106.6	92.4
1992	35	93.6	107.6	92.8	86.0	113.2	107.9	91.1
1993	38	94.5	109.2	94.7	86.8	113.3	106.2	92.8
1994	75	94.7	109.0	94.5	86.8	113.0	107.1	92.7
1995	25	94.7	108.8	93.8	86.4	113.4	107.8	92.2
1996	32	94.5	109.2	94.4	86.5	113.6	107.3	92.3
1997	41	95.3	109.4	95.2	87.0	113.8	108.9	92.7
1998	52	94.5	109.1	94.2	86.2	113.8	107.9	92.2
1999	52	95.0	109.0	94.2	86.7	113.3	108.1	93.0
2000	42	94.6	108.6	93.3	86.2	113.0	108.2	93.1
2001	33	95.0	109.1	94.5	86.7	113.2	106.6	93.8
2002	43	94.5	109.0	93.8	86.1	114.0	108.1	92.9
2003	44	95.5	109.7	94.5	87.1	113.5	107.4	93.8
2004	38	95.7	108.8	93.9	86.6	113.2	107.6	92.6
2005	62	94.8	109.3	94.0	86.2	114.3	107.0	93.0
2006	40	95.0	109.7	94.2	86.2	114.2	107.4	93.4
2007	50	95.8	109.9	94.7	86.6	114.2	107.0	93.2
2008	50	96.1	109.7	94.6	86.9	113.9	106.6	93.8
2009	50	96.5	109.8	95.4	87.7	113.4	107.3	93.6
2010	39	96.4	110.6	96.1	88.1	113.7	106.2	93.7
2011	58	97.4	109.3	95.9	88.1	112.7	105.7	93.4
2012	56	96.8	109.6	96.1	88.8	112.4	106.1	93.3
2013	61	97.2	108.8	95.7	88.8	111.9	106.3	94.1
2014	68	98.0	108.2	96.7	89.9	110.8	105.6	94.5
2015	38	97.4	109.6	96.6	89.4	111.7	103.8	94.6
2016	57	97.6	109.3	96.6	89.9	111.1	104.9	93.7
2017	38	96.6	109.6	97.1	90.9	110.8	104.4	93.1
2018	38	97.9	110.2	97.0	90.1	111.4	104.4	93.7
2019	24	97.0	110.9	96.9	90.0	111.6	103.3	93.8

Tabel: 315 Montbéliard: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	VB	BG
1981	16	101.0	96.1	107.6	102.4	97.6
1982	11	101.1	95.9	106.4	102.0	97.6
1985	18	101.4	95.6	108.1	102.4	97.6
1986	17	101.8	95.3	107.9	102.9	98.4
1987	31	101.5	95.8	107.7	102.9	98.0
1988	19	101.7	95.3	107.6	102.7	98.2
1989	43	100.8	96.7	107.2	102.3	97.0
1990	37	101.7	96.0	108.2	102.9	98.0
1991	28	101.3	96.0	107.6	102.6	97.7
1992	35	101.0	95.4	108.7	102.8	97.1
1993	38	102.3	95.1	106.9	103.1	99.0
1994	75	101.9	95.4	107.1	103.1	98.5
1995	25	102.1	95.4	107.5	103.3	98.6
1996	32	101.8	95.3	107.8	103.2	98.4
1997	41	102.0	95.3	107.0	103.2	99.0
1998	52	102.0	95.3	107.5	103.2	98.7
1999	52	101.9	95.7	107.7	103.3	98.3
2000	42	101.6	96.4	106.9	103.1	98.2
2001	33	101.3	95.4	108.0	103.7	98.2
2002	43	102.3	95.2	108.2	104.0	99.1
2003	44	102.6	95.0	109.0	104.5	99.2
2004	38	102.2	94.1	108.9	103.9	99.0
2005	62	102.4	95.0	107.7	104.3	99.8
2006	40	102.4	94.5	108.2	104.0	99.4
2007	50	102.6	94.5	108.6	104.3	99.5
2008	50	102.3	94.3	108.8	104.1	99.0
2009	50	102.8	93.8	109.0	104.1	99.5
2010	39	102.8	95.4	107.8	104.1	99.1
2011	58	102.6	95.0	108.2	103.8	99.0
2012	56	103.5	95.9	107.8	104.7	99.8
2013	61	103.1	95.4	108.0	104.3	99.9
2014	68	103.3	95.1	108.2	104.1	100.0
2015	38	103.7	95.9	107.9	105.2	100.5
2016	57	104.3	96.2	107.6	104.9	100.8
2017	38	103.5	95.7	108.7	105.7	100.3
2018	38	104.4	95.2	109.1	105.0	100.6
2019	24	103.7	95.8	109.1	105.9	100.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1981	16	88.8	91.2	105.1	91.4	82.2	92.3	91.3
1982	11	89.5	92.0	105.8	91.9	84.0	91.9	91.3
1985	18	89.3	91.1	103.9	92.1	82.7	92.0	90.9
1986	17	89.6	91.6	104.4	92.0	83.3	92.6	91.2
1987	31	89.7	91.3	104.6	92.2	83.6	92.3	90.7
1988	19	90.1	91.7	104.8	92.1	83.5	92.3	91.1

1989	43	90.0	90.9	105.3	92.2	82.3	90.7	90.6
1990	37	89.7	91.1	105.2	91.8	82.5	90.8	90.6
1991	28	89.6	91.1	104.6	91.8	82.6	91.4	90.7
1992	35	88.2	90.3	104.5	90.5	81.8	90.9	90.1
1993	38	88.8	91.1	107.0	90.3	83.9	89.5	88.5
1994	75	89.3	91.5	106.0	90.8	83.5	90.5	89.2
1995	25	89.2	91.2	105.7	90.8	83.1	90.3	89.2
1996	32	88.7	91.1	104.7	91.0	82.2	91.6	90.3
1997	41	88.9	90.4	105.2	91.2	82.4	90.7	89.4
1998	52	89.6	91.4	104.6	91.9	82.8	91.4	90.4
1999	52	88.8	90.8	105.3	91.0	82.1	90.5	89.1
2000	42	89.1	91.5	104.2	91.5	82.4	90.8	89.6
2001	33	89.2	90.8	104.2	91.0	82.7	90.5	89.0
2002	43	88.9	91.2	103.7	90.8	82.4	90.9	89.7
2003	44	89.5	90.5	104.9	91.2	83.2	90.9	89.4
2004	38	89.5	90.8	104.4	91.2	83.0	90.7	89.4
2005	62	89.5	91.4	102.9	91.0	82.9	91.3	89.8
2006	40	89.3	91.1	103.0	91.2	82.2	91.4	90.3
2007	50	89.5	92.4	103.7	91.6	82.9	91.6	90.3
2008	50	89.4	91.6	103.2	91.5	83.1	91.3	89.9
2009	50	89.7	92.8	103.4	91.8	83.5	92.9	91.8
2010	39	89.5	92.2	103.8	90.5	82.9	90.8	89.5
2011	58	90.6	93.6	103.1	92.5	84.2	92.2	91.5
2012	56	91.1	94.0	102.4	92.3	84.9	93.0	92.5
2013	61	92.1	94.3	102.8	93.7	85.9	93.6	93.0
2014	68	92.3	94.5	103.0	93.7	86.9	93.3	92.7
2015	38	92.4	93.8	102.8	93.7	86.8	93.2	92.5
2016	57	92.1	94.1	103.6	93.4	87.2	93.2	92.6
2017	38	91.5	93.8	103.1	92.3	87.2	92.6	92.0
2018	38	90.8	93.0	103.3	92.4	86.6	93.7	92.8
2019	24	91.6	94.4	103.8	92.4	87.5	94.7	94.8

Tabel: 317 Montbéliard: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	16	90.6	95.4	84.1	98.3	0.0	87.2
1982	11	91.2	95.6	85.4	98.2	0.0	87.8
1985	18	90.2	95.1	84.7	98.4	0.0	87.3
1986	17	91.1	95.6	85.4	98.9	0.0	88.2
1987	31	92.0	96.1	85.4	98.6	0.0	88.5
1988	19	91.4	95.7	85.4	98.6	0.0	88.3
1989	43	90.8	96.1	84.3	98.1	0.0	87.3
1990	37	91.2	96.4	84.2	98.8	0.0	87.8
1991	28	90.6	95.7	84.4	98.3	0.0	87.5
1992	35	90.1	95.6	83.0	97.9	0.0	86.3
1993	38	92.0	96.3	83.8	99.2	0.0	88.1
1994	75	91.9	96.1	84.3	98.9	0.0	88.1
1995	25	91.4	95.8	83.9	99.2	0.0	87.8
1996	32	91.4	96.2	83.8	98.8	0.0	87.7
1997	41	91.9	96.9	83.7	99.1	0.0	88.0
1998	52	91.4	96.0	84.5	99.0	0.0	88.1
1999	52	91.7	96.2	83.4	98.9	0.0	87.6
2000	42	91.0	95.8	83.9	98.9	0.0	87.6
2001	33	92.4	96.6	83.9	98.5	0.0	87.9
2002	43	91.1	96.3	83.9	99.4	0.0	88.0
2003	44	91.9	96.7	84.4	99.7	0.0	88.7

2004	38	91.3	96.2	84.3	99.1	0.0	88.0
2005	62	91.7	96.5	84.3	99.6	0.0	88.5
2006	40	91.7	96.4	84.1	99.3	0.0	88.1
2007	50	92.1	96.7	84.6	99.5	0.0	88.8
2008	50	92.6	96.8	84.6	99.0	0.0	88.6
2009	50	92.8	97.2	85.3	99.4	0.0	89.3
2010	39	93.1	97.6	84.3	99.5	0.0	89.1
2011	58	93.5	97.2	86.1	99.2	0.0	89.8
2012	56	93.5	97.4	86.9	100.4	0.0	90.9
2013	61	93.7	97.5	88.1	100.3	0.0	91.5
2014	68	94.9	98.0	88.5	100.3	0.0	92.3
2015	38	94.6	97.7	88.6	101.1	0.0	92.6
2016	57	94.5	97.5	88.6	101.5	0.0	92.7
2017	38	93.8	97.7	88.1	100.9	0.0	91.9
2018	38	94.1	97.7	87.5	101.1	0.0	91.9
2019	24	94.2	97.4	88.3	100.8	0.0	92.1

Tabel: 318 Montbéliard: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	16	103.5	104.2	103.8	104.6	102.8	97.3	87.2	104.5
1981	28	103.2	104.4	103.7	104.6	102.4	97.5	88.1	104.3
1982	20	102.6	104.6	103.5	104.5	102.1	97.1	87.5	104.3
1983	12	103.0	104.7	103.8	104.8	102.7	97.3	89.0	104.5
1984	19	102.7	105.4	104.2	105.4	102.6	97.6	89.3	105.2
1985	35	102.8	104.5	103.7	104.6	102.3	97.1	88.2	104.4
1986	29	102.5	104.9	103.6	104.7	102.1	97.4	88.6	104.4
1987	44	102.4	105.2	103.9	105.0	102.4	97.1	88.6	104.9
1988	45	102.3	104.5	103.3	104.4	101.9	97.2	88.5	104.0
1989	82	103.6	105.8	105.0	106.2	103.5	97.9	88.9	105.8
1990	90	103.5	105.2	104.4	105.6	103.1	97.6	88.7	105.2
1991	61	103.3	105.1	104.2	105.4	103.0	97.6	88.5	104.9
1992	93	103.6	104.5	104.0	105.0	103.0	97.8	88.6	104.7
1993	110	103.7	105.0	104.8	105.5	103.6	97.8	88.5	105.4
1994	158	103.6	104.8	104.6	105.3	103.4	97.7	88.2	105.2
1995	112	103.2	104.9	104.3	105.2	103.0	97.6	88.2	105.0
1996	165	103.2	104.9	104.2	105.3	103.0	97.9	88.8	104.9
1997	160	102.8	105.5	104.2	105.8	102.9	97.6	89.4	105.1
1998	191	102.9	105.1	104.1	105.2	102.9	97.2	88.3	104.9
1999	216	103.2	104.9	104.3	105.2	103.0	97.5	88.5	105.0
2000	222	103.4	104.6	104.1	105.1	103.0	97.5	88.2	104.8
2001	249	103.1	104.7	104.3	105.1	103.0	97.4	88.6	104.9
2002	204	102.8	105.1	104.4	105.4	103.0	97.3	89.4	105.2
2003	270	102.6	104.7	104.1	105.1	102.7	97.1	89.5	104.8
2004	308	102.7	104.7	104.2	105.1	102.8	97.3	89.7	104.9
2005	393	103.1	104.6	104.5	105.1	103.2	97.5	89.0	105.0
2006	405	103.7	104.1	104.6	105.0	103.4	97.7	89.3	104.9
2007	470	103.2	104.6	104.6	105.3	103.3	97.7	89.6	105.1
2008	484	103.1	105.0	104.8	105.6	103.5	97.6	90.1	105.4
2009	580	102.9	105.1	104.9	105.8	103.5	97.2	90.6	105.5
2010	530	103.0	104.7	104.8	105.5	103.4	96.9	91.1	105.3
2011	592	103.4	104.3	104.8	105.3	103.7	97.5	91.2	105.2
2012	615	103.9	104.0	105.1	105.4	104.2	98.0	91.5	105.3
2013	679	104.6	103.5	105.3	105.2	104.7	98.4	91.4	105.3
2014	642	104.3	103.7	105.4	105.4	104.6	98.3	92.2	105.4
2015	524	104.1	103.6	105.2	105.1	104.4	98.2	92.6	105.3

2016	426	103.0	104.0	104.7	105.1	103.6	97.6	93.2	105.0
2017	336	102.7	103.6	104.3	104.6	103.3	97.5	93.1	104.5
2018	305	103.4	103.5	104.8	104.9	104.0	98.2	92.7	104.9
2019	224	103.1	103.6	104.7	104.9	103.9	98.0	92.6	104.9
2020	76	102.6	104.3	104.9	105.4	103.7	98.0	93.8	105.2

Tabel: 319 Montbéliard: Gebruikskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	13	97.8	79.5	98.6	100.6	104.1
1985	15	98.4	87.2	98.3	100.0	103.4
1986	12	98.5	85.2	98.0	100.4	103.7
1987	24	98.5	92.6	98.3	100.4	103.5
1988	21	98.7	81.0	98.1	99.9	103.2
1989	44	99.0	72.3	98.0	99.6	103.4
1990	41	98.7	88.9	97.6	99.7	103.2
1991	28	98.6	73.6	98.2	99.7	103.5
1992	37	98.8	75.3	98.8	100.2	103.3
1993	48	96.0	90.6	98.0	99.3	102.4
1994	70	96.8	76.4	97.9	99.3	102.3
1995	37	96.6	79.2	97.8	99.3	102.5
1996	34	97.3	86.7	97.8	99.7	102.5
1997	50	97.6	86.1	97.9	99.8	102.0
1998	58	98.5	90.8	98.2	99.8	102.7
1999	55	98.5	89.2	97.7	99.6	102.7
2000	40	99.0	85.2	97.7	99.6	102.6
2001	31	98.6	83.9	98.3	100.1	102.5
2002	42	98.7	85.3	98.5	100.1	102.2
2003	45	99.2	87.9	99.1	100.5	102.7
2004	41	98.7	88.1	98.9	100.6	102.5
2005	63	97.9	92.2	99.4	100.7	102.4
2006	39	98.3	87.3	99.7	101.0	102.5
2007	50	98.4	90.6	100.0	101.3	102.8
2008	43	98.4	92.2	99.7	101.0	102.8
2009	47	98.6	90.6	99.2	100.5	102.5
2010	28	99.1	93.9	99.3	100.4	102.4
2011	50	98.5	92.5	99.3	100.1	102.3
2012	47	99.4	92.6	99.8	100.6	102.7
2013	48	98.3	90.9	100.0	100.7	102.6
2014	51	98.6	92.5	99.6	100.1	102.4
2015	30	98.7	93.2	99.8	100.4	102.6
2016	38	98.9	93.4	99.4	99.9	102.3
2017	25	102.1	92.4	99.1	99.4	101.8
2018	28	99.5	91.6	99.6	99.9	102.3
2019	12	99.1	91.5	99.6	99.8	102.4

Tabel: 320 Montbéliard: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin	BVK
1980	18	-179.7	-500.0	-146.0	101.8	104.5	84.6	97.7	98.7	0.0
1981	31	-173.2	-494.3	0.0	103.0	104.3	84.1	98.3	98.8	0.0

1982	22	-181.2	-507.3	-117.0	101.7	104.3	85.4	98.2	98.8	0.0
1983	17	-175.5	-501.4	0.0	104.1	104.5	83.0	97.4	98.8	0.0
1984	27	-166.6	-482.1	-186.5	102.7	105.2	83.4	98.2	99.3	0.0
1985	46	-135.4	-491.7	-174.0	102.1	104.4	84.7	98.4	99.3	105.7
1986	38	-133.4	-484.6	-254.8	102.5	104.4	85.4	98.9	99.2	99.8
1987	74	-133.3	-494.6	-148.0	102.4	104.9	85.4	98.6	99.3	114.7
1988	62	-136.5	-492.0	-252.7	102.1	104.0	85.4	98.6	99.2	107.0
1989	81	-174.8	-496.8	-386.8	102.0	105.8	84.3	98.1	100.2	36.2
1990	92	-177.2	-496.8	-373.1	101.9	105.2	84.2	98.8	100.1	39.2
1991	65	-156.9	-477.8	-244.7	102.0	104.9	84.4	98.3	99.8	58.4
1992	96	-159.6	-462.7	-298.8	102.2	104.7	83.0	97.9	100.0	57.5
1993	110	-148.5	-415.9	-282.0	101.2	105.4	83.8	99.2	99.3	26.5
1994	166	-152.1	-419.2	-260.1	101.1	105.2	84.3	98.9	99.0	30.1
1995	113	-165.7	-440.0	-370.1	101.3	105.0	83.9	99.2	99.2	26.7
1996	186	-148.8	-441.8	-283.3	101.5	104.9	83.8	98.8	99.9	50.7
1997	159	-154.1	-403.5	-323.6	101.1	105.1	83.7	99.1	100.2	9.9
1998	193	-158.2	-398.8	-332.4	101.6	104.9	84.5	99.0	100.3	1.8
1999	219	-165.0	-421.1	-373.8	101.6	105.0	83.4	98.9	99.8	13.5
2000	215	-172.7	-410.5	-386.9	101.4	104.8	83.9	98.9	99.8	-3.1
2001	236	-156.3	-392.3	-356.2	101.7	104.9	83.9	98.5	99.6	1.2
2002	184	-149.5	-341.0	-329.9	101.4	105.2	83.9	99.4	99.7	-22.5
2003	235	-140.2	-316.5	-302.9	102.0	104.8	84.4	99.7	99.1	-24.3
2004	266	-135.5	-304.2	-298.8	101.9	104.9	84.3	99.1	99.1	-26.7
2005	352	-132.5	-293.4	-299.5	101.9	105.0	84.3	99.6	99.8	-38.4
2006	355	-127.4	-282.4	-290.7	102.1	104.9	84.1	99.3	99.8	-44.3
2007	409	-118.0	-261.4	-282.7	102.4	105.1	84.6	99.5	100.1	-50.7
2008	412	-112.5	-243.5	-264.3	102.3	105.4	84.6	99.0	99.8	-52.5
2009	469	-108.0	-231.3	-259.6	101.9	105.5	85.3	99.4	99.8	-56.4
2010	454	-95.5	-190.4	-229.6	101.7	105.3	84.3	99.5	99.5	-61.5
2011	512	-93.6	-180.1	-223.0	101.6	105.2	86.1	99.2	99.8	-64.9
2012	522	-74.3	-154.3	-173.1	102.0	105.3	86.9	100.4	99.8	-65.1
2013	566	-67.6	-143.4	-166.3	102.0	105.3	88.1	100.3	99.8	-63.9
2014	530	-60.8	-121.7	-157.0	101.6	105.4	88.5	100.3	99.9	-63.7
2015	437	-52.2	-108.6	-132.9	101.9	105.3	88.6	101.1	100.1	-70.7
2016	360	-51.2	-99.1	-135.4	101.5	105.0	88.6	101.5	100.0	-67.7
2017	276	-55.8	-84.2	-141.4	100.9	104.5	88.1	100.9	99.5	-69.6
2018	217	-42.4	-72.8	-108.2	101.4	104.9	87.5	101.1	100.0	-68.0
2019	187	-33.1	-49.1	-96.6	101.4	104.9	88.3	100.8	100.1	-71.1

Tabel: 321 Montbéliard: Klauwgezondheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1993	10	100.3	92.4	106.9	105.4	97.7	102.0	92.3
1994	17	99.7	92.1	106.4	105.2	96.4	101.9	92.4
1997	12	100.6	93.8	106.2	104.8	97.2	101.7	93.6
1998	10	99.4	95.0	104.4	103.2	97.5	100.8	93.8
2000	14	96.9	93.6	102.6	101.9	95.8	99.4	93.1
2001	33	97.9	93.3	103.8	102.9	96.3	100.3	92.8
2002	19	98.4	93.2	104.3	103.4	96.0	101.4	93.1
2003	29	97.6	92.0	103.9	103.1	95.3	102.3	92.3
2004	34	98.8	92.6	105.1	104.3	95.7	102.3	92.2
2005	66	99.3	93.0	105.5	104.6	96.2	101.7	92.2
2006	48	99.1	93.2	105.1	104.2	96.4	101.9	92.5
2007	63	99.0	94.0	104.4	103.8	96.8	101.9	93.1
2008	62	99.0	93.6	104.8	104.0	96.6	101.9	92.6
2009	52	99.5	94.7	104.4	103.5	97.2	101.4	94.1

2010	43	98.3	93.5	104.2	103.2	96.1	101.0	93.0
2011	80	98.5	94.2	103.9	103.0	96.5	101.3	93.2
2012	77	98.6	94.8	103.5	102.8	96.9	101.4	93.7
2013	68	99.2	95.4	103.7	103.1	97.1	101.5	94.1
2014	66	98.9	94.7	104.0	103.2	96.4	101.8	93.6
2015	42	99.2	94.6	104.3	103.2	96.5	102.4	93.7
2016	48	99.1	95.1	104.0	102.5	97.0	101.9	94.4
2017	32	98.8	94.5	103.8	102.5	96.4	102.4	94.1
2018	29	99.3	94.8	104.4	103.1	96.8	103.0	93.6
2019	19	98.8	95.1	103.6	102.1	96.9	102.5	93.5

Tabel: 322 Montbéliard: Levensvatbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	10	96.5	102.3	96.5	102.3	95.2	102.3
1981	13	96.9	101.9	96.9	101.9	95.5	101.9
1984	10	96.8	102.8	96.8	102.8	95.3	102.2
1985	19	95.9	103.1	95.9	103.1	94.8	102.6
1986	18	96.3	102.8	96.3	102.8	95.1	102.6
1987	27	95.7	103.4	95.7	103.4	94.5	103.1
1988	22	95.9	103.1	95.9	103.1	94.5	102.5
1989	53	96.7	103.4	96.7	103.4	95.6	103.3
1990	60	96.5	103.3	96.5	103.3	95.3	103.0
1991	37	96.5	103.1	96.5	103.1	95.3	102.8
1992	57	96.2	103.1	96.2	103.1	95.0	102.7
1993	93	96.0	102.6	96.0	102.6	94.2	103.6
1994	134	95.9	102.6	95.9	102.6	94.4	103.4
1995	88	96.2	102.5	96.2	102.5	94.6	103.4
1996	123	96.9	102.7	96.9	102.7	95.6	103.1
1997	143	96.7	103.4	96.7	103.4	95.7	104.1
1998	153	96.5	103.7	96.5	103.7	95.6	104.1
1999	169	96.2	103.4	96.2	103.4	95.3	103.3
2000	180	96.0	103.5	96.0	103.5	95.0	103.6
2001	210	96.2	103.1	96.2	103.1	94.7	103.3
2002	212	96.2	103.3	96.2	103.3	94.7	103.4
2003	283	95.7	102.8	95.7	102.8	94.3	103.1
2004	328	95.6	102.9	95.6	102.9	94.4	103.1
2005	421	96.1	103.5	96.1	103.5	95.0	103.6
2006	475	96.1	103.4	96.1	103.4	95.0	103.5
2007	544	96.1	103.9	96.1	103.9	94.9	103.8
2008	593	95.9	103.8	95.9	103.8	94.6	103.9
2009	725	95.8	103.8	95.8	103.8	94.3	103.9
2010	693	95.4	103.7	95.4	103.7	94.2	103.8
2011	727	95.6	103.7	95.6	103.7	94.5	104.0
2012	765	95.6	103.8	95.6	103.8	94.8	104.3
2013	828	95.6	103.6	95.6	103.6	94.8	104.4
2014	812	95.6	103.4	95.6	103.4	95.0	104.1
2015	724	95.9	103.9	95.9	103.9	95.1	104.4
2016	628	96.0	103.5	96.0	103.5	95.0	103.9
2017	529	95.5	103.1	95.5	103.1	94.6	103.8
2018	483	95.9	103.4	95.9	103.4	95.0	104.2
2019	362	96.0	103.2	96.0	103.2	95.2	103.9
2020	337	96.3	102.1	96.3	102.1	95.7	102.8
2021	287	96.4	98.4	96.4	98.4	95.7	99.2
2022	33	96.8	94.2	96.8	94.2	96.1	95.0

Tabel: 323 Montbéliard: Geboortekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1985	16	91.2	111.8	113.2	74.9	64.2	63.1
1986	16	91.6	111.9	112.9	67.9	59.4	57.3
1987	24	91.5	111.5	112.9	81.7	71.0	68.8
1988	20	90.8	111.9	113.3	65.0	56.2	55.5
1989	43	88.7	112.4	115.9	93.0	78.7	77.4
1990	43	89.8	112.6	114.4	98.0	83.8	83.3
1991	28	88.6	112.6	116.1	88.9	75.4	73.9
1992	31	90.4	112.4	114.1	87.7	75.8	74.5
1993	62	89.0	112.1	116.0	94.6	79.3	75.7
1994	76	89.4	112.0	115.5	97.4	82.2	78.8
1995	42	89.4	111.8	115.6	89.1	75.4	72.6
1996	58	90.1	110.9	114.7	89.4	73.8	72.0
1997	79	89.8	111.7	115.1	105.2	86.7	84.3
1998	80	89.9	112.0	114.7	103.0	86.2	84.5
1999	72	89.7	112.0	114.9	85.2	72.2	70.8
2000	83	90.1	112.7	114.5	77.4	66.3	65.1
2001	61	90.1	112.1	114.3	93.8	81.2	80.0
2002	75	91.0	111.8	113.5	98.5	85.2	83.8
2003	124	90.7	111.3	113.9	100.4	86.1	84.2
2004	154	90.9	112.0	113.5	101.1	87.0	85.7
2005	228	91.2	111.8	113.2	106.5	91.0	89.4
2006	230	91.2	112.1	113.2	105.8	90.4	88.9
2007	318	90.6	111.6	113.9	109.4	93.0	91.4
2008	375	90.6	111.2	113.8	107.6	92.3	90.8
2009	478	90.3	111.1	114.0	108.2	93.1	91.7
2010	468	90.2	111.3	114.1	108.7	92.8	91.7
2011	515	90.7	111.3	113.4	108.2	92.3	90.9
2012	539	90.6	111.2	113.5	108.8	93.3	91.5
2013	581	90.5	111.6	113.5	108.1	92.6	91.1
2014	625	91.0	110.8	112.9	108.3	93.0	91.4
2015	515	90.9	111.1	113.1	108.1	93.1	91.3
2016	437	91.5	110.3	112.3	107.9	93.1	91.9
2017	349	91.4	110.2	112.3	108.1	93.0	91.8
2018	289	91.9	110.1	111.7	108.8	93.1	91.8
2019	252	92.0	110.1	111.7	107.3	92.3	91.0
2020	222	91.6	110.3	112.1	102.9	88.0	86.8
2021	146	92.5	110.2	111.2	101.8	87.3	86.3
2022	22	92.2	110.2	111.7	94.2	80.2	79.0

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	11	104.8	120.0	99.3	105.5	113.5	103.9	101.5	96.2	116.6	103.0	106.4
1981	19	105.1	120.5	99.4	104.3	115.0	103.8	101.3	96.2	117.8	102.8	106.6
1982	10	105.3	121.0	100.4	104.6	115.4	103.9	101.7	96.4	118.4	103.9	106.0
1984	14	105.8	120.1	99.1	105.2	114.8	103.1	102.6	96.1	117.1	102.7	107.2
1985	23	105.5	121.3	99.4	105.7	115.2	103.6	102.1	96.5	118.0	103.2	106.6
1986	22	105.1	121.0	99.4	105.5	114.7	103.6	101.6	96.3	117.8	103.3	106.5

1987	28	105.2	120.8	99.9	106.2	113.8	104.1	101.6	97.5	116.9	103.9	106.8
1988	25	105.8	119.5	100.2	105.2	114.2	103.2	102.7	96.7	116.2	103.8	106.3
1989	68	105.7	121.2	100.2	104.9	115.8	103.7	102.4	95.3	118.6	103.0	107.6
1990	70	105.6	121.4	100.1	105.0	115.6	104.0	102.0	95.7	118.7	102.9	107.9
1991	46	106.0	121.7	99.8	105.8	115.4	103.8	102.5	96.4	118.5	103.2	107.8
1992	74	105.0	120.7	100.5	105.2	114.3	104.5	101.2	96.8	117.6	103.6	107.0
1993	89	104.3	121.4	100.1	106.1	114.0	105.0	100.7	95.8	118.3	103.5	107.9
1994	143	104.7	121.2	99.6	106.1	114.1	104.6	101.2	95.8	118.0	103.2	107.9
1995	95	104.0	120.9	100.0	106.1	113.4	105.0	100.6	95.9	117.5	103.4	107.6
1996	135	104.7	120.9	99.2	106.1	113.8	104.3	101.4	96.2	117.3	103.2	107.4
1997	132	104.7	121.4	99.5	106.5	113.6	104.8	101.2	96.4	117.6	103.1	108.2
1998	162	105.2	121.1	99.7	105.6	114.7	104.1	101.7	96.1	118.0	102.9	107.9
1999	187	105.7	121.1	99.4	106.0	114.9	104.1	102.2	96.4	117.9	103.1	108.0
2000	184	105.6	121.4	99.5	106.0	115.1	104.3	101.8	96.6	118.4	103.1	108.2
2001	215	105.6	121.5	99.3	106.4	114.7	104.4	101.7	97.0	118.3	103.3	108.2
2002	177	104.8	121.0	99.3	106.0	114.1	104.6	101.0	96.6	118.1	102.7	108.2
2003	248	105.1	120.7	99.9	106.2	114.3	104.4	101.6	96.2	117.7	102.9	108.2
2004	284	105.5	120.8	99.7	106.4	114.3	104.1	101.9	96.8	117.7	103.0	108.2
2005	358	105.8	121.0	99.2	106.5	114.4	103.9	102.0	97.3	117.7	102.8	108.4
2006	364	105.8	120.6	99.8	106.4	114.3	104.0	102.0	97.6	117.4	102.9	108.4
2007	401	105.3	120.2	99.7	106.5	113.4	104.3	101.5	97.8	116.9	103.1	108.1
2008	399	105.6	120.3	99.6	107.0	113.6	104.1	102.2	97.0	116.8	103.2	108.2
2009	421	105.9	120.2	99.5	107.3	113.5	104.0	102.7	96.9	116.5	103.2	108.5
2010	338	106.0	119.1	100.0	106.9	113.0	103.8	103.0	97.3	115.6	103.2	108.2
2011	265	106.2	118.6	100.1	106.6	112.9	103.7	103.2	97.6	115.2	103.3	108.2
2012	137	106.4	118.6	100.1	106.8	113.0	103.7	103.4	97.8	115.2	103.4	108.2
2013	94	105.2	117.7	99.8	106.3	111.8	104.1	102.2	97.6	114.4	103.5	107.2
2014	86	104.4	116.0	100.5	105.8	110.4	104.6	101.7	97.8	113.0	103.9	106.5
2015	38	105.3	116.7	100.5	106.4	111.0	104.1	102.6	97.9	113.4	103.6	107.3
2016	60	105.3	116.4	100.4	106.5	111.1	104.1	102.9	97.6	113.2	103.8	107.1
2017	38	105.4	116.7	100.7	106.1	111.5	103.8	102.9	97.8	113.6	103.8	106.7
2018	37	105.9	117.1	100.8	106.8	111.9	103.8	103.5	97.4	113.5	104.1	107.2
2019	23	105.6	117.1	100.4	107.0	111.2	103.6	103.1	97.8	113.3	103.4	107.0

Tabel: 325 Montbéliard: Kalvervitaliteit
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	10	96.0	100.1	84.9
1981	13	94.7	99.5	82.7
1984	10	95.1	99.4	85.1
1985	19	95.2	99.5	84.5
1986	19	94.1	98.6	85.3
1987	26	94.1	98.7	85.4
1988	22	94.3	98.4	86.4
1989	53	95.3	100.1	85.0
1990	63	95.3	100.0	84.9
1991	34	95.2	100.0	84.9
1992	57	94.5	99.4	84.0
1993	97	94.1	99.4	84.9
1994	136	94.0	99.1	84.8
1995	100	94.1	99.0	84.8
1996	127	94.4	99.1	84.8
1997	158	94.7	99.3	84.7
1998	163	95.1	99.8	84.4
1999	183	94.5	99.2	84.4
2000	189	94.4	99.2	84.3

2001	221	94.3	98.9	85.5
2002	230	94.3	99.0	85.8
2003	306	94.4	99.0	86.3
2004	349	94.2	98.7	86.6
2005	444	93.9	98.5	86.0
2006	514	94.2	98.8	86.5
2007	577	94.0	98.8	86.3
2008	647	93.8	98.6	85.9
2009	787	93.8	98.7	86.0
2010	745	94.4	99.1	86.4
2011	786	94.6	99.3	86.6
2012	807	95.1	99.7	86.5
2013	893	95.2	99.7	86.2
2014	880	95.9	100.3	86.5
2015	784	95.8	100.3	86.2
2016	684	96.0	100.5	86.5
2017	553	96.4	100.8	86.9
2018	529	96.8	101.1	87.2
2019	403	97.0	101.5	86.9
2020	390	97.1	101.5	86.9
2021	345	97.2	101.5	86.9
2022	42	96.7	101.1	86.6

Tabel: 326 Montbéliard: Levensproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	228	-3517.0	-13550.4	-617.4	-495.9
2002	182	-3238.3	-12448.1	-570.2	-455.6
2003	235	-3036.0	-11506.1	-538.7	-425.7
2004	265	-2985.4	-11265.9	-530.2	-418.6
2005	354	-2950.6	-11153.4	-525.7	-412.8
2006	357	-2861.7	-10787.8	-508.1	-401.5
2007	414	-2754.3	-10329.0	-490.8	-385.7
2008	418	-2604.1	-9674.6	-467.3	-363.3
2009	475	-2529.9	-9409.1	-454.0	-352.9
2010	464	-2235.3	-8219.4	-403.5	-311.1
2011	530	-2168.8	-7984.1	-391.0	-302.0
2012	545	-1793.0	-6466.0	-328.5	-247.5
2013	595	-1717.1	-6208.5	-313.0	-237.8
2014	535	-1588.9	-5649.5	-290.8	-219.8
2015	447	-1390.9	-4767.0	-258.6	-190.9
2016	364	-1377.0	-4861.6	-258.8	-187.1
2017	276	-1368.0	-4809.4	-259.0	-185.0
2018	217	-1138.0	-4002.9	-215.0	-154.2
2019	187	-983.2	-3467.1	-189.5	-131.3

Tabel: 327 Montbéliard: Robot / AMS kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Eff	Int	Gewen
1985	10	94.8	98.2	99.8
1987	14	93.6	97.5	99.9

1989	25	95.9	98.2	100.2
1990	25	95.7	98.0	100.0
1991	20	95.5	98.0	100.2
1992	22	95.2	98.4	99.4
1993	36	94.3	98.0	99.9
1994	34	94.4	97.9	99.9
1995	25	94.2	98.1	99.9
1996	26	95.3	98.2	99.8
1997	52	94.2	98.1	99.6
1998	40	95.0	97.8	99.0
1999	24	95.9	98.7	98.8
2000	28	95.6	97.8	99.4
2001	22	95.2	96.8	100.4
2002	31	94.5	98.1	99.5
2003	43	94.8	97.9	99.6
2004	46	94.7	97.5	99.9
2005	60	93.6	96.5	99.5
2006	55	93.7	97.4	99.7
2007	77	93.5	97.4	99.7
2008	86	93.1	97.3	98.8
2009	132	93.5	96.8	99.6
2010	143	93.8	97.0	99.4
2011	176	94.0	98.2	99.5
2012	160	94.4	99.2	99.2
2013	187	94.2	100.2	98.5
2014	156	94.1	100.8	99.3
2015	150	94.2	102.1	98.8
2016	109	95.6	103.0	98.3
2017	64	97.0	104.5	97.6
2018	55	96.0	106.1	98.6
2019	33	97.4	105.6	98.6

Tabel: 328 Montbéliard: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	18	100.5	97.7	0	0.0	0.0	0	0.0
1981	31	101.4	98.0	0	0.0	0.0	0	0.0
1982	22	101.9	98.0	0	0.0	0.0	0	0.0
1983	17	102.3	98.5	0	0.0	0.0	0	0.0
1984	27	100.6	98.4	0	0.0	0.0	0	0.0
1985	46	100.1	97.7	46	-5.1	105.7	0	0.0
1986	38	100.4	98.1	38	-4.9	99.8	0	0.0
1987	74	99.5	97.8	74	-5.2	114.7	0	0.0
1988	62	100.1	98.4	62	-5.1	107.0	0	0.0
1989	81	99.4	98.1	81	-3.9	36.2	0	0.0
1990	92	99.5	97.7	92	-4.0	39.2	0	0.0
1991	65	99.9	97.7	65	-4.1	58.4	0	0.0
1992	96	100.9	97.9	96	-4.0	57.5	0	0.0
1993	110	100.6	97.4	110	-3.2	26.5	0	0.0
1994	166	100.2	97.5	166	-3.3	30.1	0	0.0
1995	113	100.6	97.6	113	-3.4	26.7	0	0.0
1996	186	100.7	97.9	186	-3.8	50.7	0	0.0
1997	159	100.8	97.9	159	-2.9	9.9	0	0.0
1998	193	100.7	98.0	193	-2.7	1.8	0	0.0
1999	219	100.2	97.7	219	-3.0	13.5	0	0.0
2000	215	100.1	97.8	215	-2.7	-3.1	0	0.0

2001	236	100.1	97.4	236	-2.6	1.2	33	106.5
2002	184	100.5	97.1	184	-1.9	-22.5	42	106.6
2003	235	101.1	97.5	235	-1.7	-24.3	44	107.3
2004	266	101.0	97.3	266	-1.6	-26.7	38	106.4
2005	352	101.1	97.3	352	-1.3	-38.4	62	106.9
2006	355	101.5	97.0	355	-1.1	-44.3	40	107.5
2007	409	101.3	97.3	409	-0.9	-50.7	50	107.8
2008	412	101.1	96.8	412	-0.8	-52.5	50	107.8
2009	469	100.9	96.8	469	-0.6	-56.4	50	108.0
2010	454	101.1	97.1	455	-0.3	-61.5	39	108.7
2011	512	101.2	97.3	512	-0.1	-64.9	58	107.6
2012	522	101.8	97.8	522	0.0	-65.1	56	107.2
2013	566	101.7	97.5	566	0.1	-63.9	61	106.8
2014	530	101.5	97.1	531	0.2	-63.7	68	106.5
2015	437	102.0	97.1	437	0.4	-70.7	38	107.4
2016	360	101.8	96.2	360	0.4	-67.7	57	106.9
2017	276	101.6	95.2	276	0.5	-69.6	38	106.5
2018	217	101.9	95.4	217	0.6	-68.0	38	107.8
2019	187	102.1	95.0	187	0.8	-71.1	24	107.8

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

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	10	100.0	0	0.0	0	0.0	10	102.2
1985	17	100.0	0	0.0	0	0.0	17	102.0
1986	15	100.0	0	0.0	0	0.0	15	101.4
1987	23	100.0	0	0.0	0	0.0	23	101.4
1988	20	100.0	0	0.0	0	0.0	20	101.7
1989	35	100.0	0	0.0	0	0.0	35	101.4
1990	36	100.0	0	0.0	0	0.0	36	101.7
1991	26	100.0	0	0.0	0	0.0	26	101.8
1992	33	100.0	0	0.0	0	0.0	33	102.2
1993	54	100.0	0	0.0	0	0.0	54	101.0
1994	64	100.0	0	0.0	1	98.0	64	101.0
1995	36	100.0	0	0.0	0	0.0	36	101.2
1996	58	100.0	0	0.0	0	0.0	58	101.7
1997	81	100.0	1	102.0	1	97.0	81	101.8
1998	82	100.0	0	0.0	1	100.0	82	101.7
1999	70	100.0	0	0.0	0	0.0	70	101.5
2000	88	100.0	0	0.0	3	99.3	88	101.8
2001	71	100.0	0	0.0	0	0.0	71	101.4
2002	74	100.0	0	0.0	3	101.3	74	101.6
2003	99	100.0	0	0.0	0	0.0	99	101.1
2004	129	100.0	0	0.0	0	0.0	129	101.4
2005	155	100.0	0	0.0	0	0.0	155	101.5
2006	177	100.0	0	0.0	2	99.0	177	101.5
2007	219	100.0	2	102.0	3	97.7	219	101.7
2008	268	100.0	0	0.0	0	0.0	268	101.8
2009	332	100.0	0	0.0	0	0.0	332	101.7
2010	396	100.0	0	0.0	1	99.0	396	101.8
2011	455	100.0	0	0.0	0	0.0	455	101.8
2012	460	100.1	0	0.0	1	100.0	460	101.7
2013	509	100.1	0	0.0	1	100.0	509	102.0
2014	460	100.1	0	0.0	1	99.0	460	102.1
2015	379	100.1	0	0.0	0	0.0	379	102.0
2016	328	100.0	0	0.0	1	99.0	328	102.4

2017	242	99.9	0	0.0	0	0.0	242	102.4
2018	184	100.0	0	0.0	0	0.0	184	102.5
2019	149	100.1	0	0.0	0	0.0	149	102.5

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

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1993	18	105.0	102.1	107.3	102.3	105.8	105.2
1994	27	104.7	101.9	107.0	102.0	105.7	105.2
1995	11	105.5	102.6	107.6	102.5	106.1	105.4
1997	21	103.0	100.6	105.6	100.3	104.7	104.1
1998	20	103.1	100.2	106.1	100.5	104.8	104.3
1999	12	103.2	100.2	106.2	100.8	105.0	104.6
2001	11	103.4	101.0	106.2	100.9	105.4	104.2
2002	12	103.2	100.7	106.2	100.7	104.9	104.5
2003	18	102.9	100.1	105.8	100.3	104.9	104.1
2004	19	102.9	100.2	105.9	100.6	104.7	104.4
2005	29	103.2	100.8	106.0	100.7	104.6	104.0
2006	26	102.9	100.6	105.5	100.3	104.5	104.2
2007	40	103.0	100.5	105.6	100.5	104.5	103.8
2008	47	102.7	99.9	105.6	100.6	104.4	103.6
2009	59	102.7	100.1	105.5	100.3	104.5	104.2
2010	58	102.8	100.1	105.3	100.5	104.4	104.1
2011	68	102.7	99.9	105.4	100.3	104.5	104.1
2012	73	102.4	99.5	105.3	100.0	104.4	103.9
2013	56	102.3	99.5	105.3	99.8	104.2	103.8
2014	67	102.1	99.1	105.3	100.0	104.1	103.7
2015	57	102.6	99.6	105.6	100.3	104.2	103.9
2016	38	102.4	99.6	105.5	100.1	104.3	103.6
2017	22	102.3	99.4	105.5	100.0	104.1	103.1

Tabel: 331 Piemontese: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	21	94.0	101.7	93.7	95.5	91.8	87.4	74.0	95.6
1986	18	94.7	101.1	93.6	95.4	92.2	87.7	72.4	95.3
1987	28	95.1	101.4	94.2	95.8	92.5	88.0	76.3	95.8
1988	28	95.7	101.6	94.9	96.2	93.2	88.8	80.8	96.5
1989	63	93.7	101.6	93.1	95.2	91.2	87.1	78.7	95.0
1990	96	94.4	101.4	94.0	95.6	92.2	88.9	77.7	95.7
1991	180	94.7	101.5	94.1	95.7	92.4	88.9	76.8	95.8
1992	311	95.0	101.5	94.3	95.8	92.5	88.8	76.8	96.0
1993	396	95.2	102.0	94.8	96.3	92.8	88.7	75.8	96.5
1994	367	95.3	101.8	94.9	96.1	93.0	88.8	75.3	96.5
1995	365	95.2	102.0	95.1	96.4	93.1	88.7	75.7	96.8
1996	402	95.2	101.9	95.1	96.3	93.1	88.6	75.7	96.7
1997	394	95.2	102.0	95.0	96.3	93.0	88.5	75.5	96.7
1998	389	95.3	102.0	95.2	96.5	93.4	89.3	75.3	96.9
1999	399	95.2	102.1	95.3	96.5	93.4	89.6	75.8	96.9
2000	395	95.1	102.0	95.1	96.5	93.3	89.5	75.7	96.8
2001	372	95.2	102.0	95.1	96.5	93.4	89.2	75.8	96.8

2002	362	95.1	102.5	95.4	96.9	93.5	89.2	76.3	97.2
2003	321	95.0	102.1	95.1	96.6	93.3	89.0	76.5	96.8
2004	370	94.8	102.2	95.0	96.6	93.2	89.0	76.6	96.7
2005	356	94.4	102.2	94.7	96.5	92.9	89.0	77.2	96.5
2006	321	94.7	102.2	94.9	96.7	93.1	89.2	77.1	96.7
2007	344	94.7	102.6	95.3	97.1	93.5	89.3	77.0	97.1
2008	290	95.0	102.3	95.3	97.0	93.6	89.4	77.1	97.0
2009	316	94.8	102.2	95.2	96.8	93.4	89.3	77.5	96.9
2010	293	94.4	102.5	95.2	97.0	93.2	89.2	78.5	97.0
2011	265	94.8	102.3	95.2	96.9	93.5	89.3	77.7	96.9
2012	228	94.8	102.3	95.2	96.8	93.4	89.2	77.6	96.9
2013	261	94.7	102.3	95.1	96.8	93.3	89.2	78.2	96.8
2014	290	94.8	102.3	95.2	96.9	93.4	89.3	77.9	96.9
2015	220	94.8	102.4	95.2	97.0	93.4	89.2	78.3	97.0
2016	196	94.9	102.5	95.4	97.1	93.5	89.1	78.2	97.1
2017	149	94.7	102.7	95.3	97.2	93.3	89.0	78.2	97.1
2018	87	94.2	102.6	95.1	97.0	93.0	88.5	78.6	96.9
2019	75	94.2	102.7	94.9	97.0	92.8	88.6	79.1	96.8
2020	27	94.3	102.8	95.2	97.2	93.1	89.2	79.2	97.1

Tabel: 332 Piemontese: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	13	74.7	115.6	122.5	41.8	35.5	35.8
1990	22	74.0	116.5	123.1	55.6	45.8	45.5
1991	42	75.4	116.1	121.7	53.0	44.3	44.2
1992	40	74.9	117.9	122.9	56.0	45.9	46.6
1993	37	76.4	117.5	121.1	68.3	57.3	58.8
1994	54	74.7	118.1	123.3	73.5	61.9	63.3
1995	66	75.8	117.3	121.7	76.8	65.1	66.8
1996	75	76.0	118.2	121.9	75.0	63.3	65.2
1997	80	76.1	117.6	121.3	60.6	51.6	52.5
1998	93	75.3	119.0	122.5	74.6	63.1	64.8
1999	110	76.3	118.4	121.5	76.5	64.6	66.2
2000	122	77.1	117.3	120.5	77.4	65.9	67.8
2001	136	77.0	118.1	120.6	97.8	83.4	85.6
2002	141	76.9	117.7	120.7	88.1	74.7	76.8
2003	120	77.1	117.7	120.5	89.2	77.1	79.0
2004	167	76.7	118.1	121.1	93.1	79.8	82.2
2005	207	77.0	118.5	120.8	98.5	84.4	86.6
2006	176	76.9	118.8	120.8	100.7	86.9	89.0
2007	325	78.2	118.9	119.6	98.1	83.9	86.2
2008	326	78.1	119.2	119.6	96.4	81.7	83.7
2009	300	77.7	119.0	120.3	104.1	87.7	89.5
2010	297	78.1	118.1	119.9	102.4	86.3	87.5
2011	275	78.9	118.5	118.8	101.0	84.5	85.5
2012	241	78.7	118.2	119.0	99.8	83.1	84.2
2013	227	79.0	118.0	118.6	98.0	82.0	83.1
2014	244	78.2	118.2	119.6	100.3	83.3	84.6
2015	215	78.8	116.5	118.5	79.9	66.2	66.9
2016	204	80.5	116.7	116.7	82.8	69.4	69.8
2017	189	79.3	116.0	118.0	69.6	58.4	58.6
2018	165	80.8	116.2	116.2	67.9	57.7	57.8
2019	150	81.3	115.4	115.8	61.9	52.7	53.1
2020	127	81.1	115.0	115.9	41.7	35.8	36.0
2021	140	78.9	116.0	118.2	27.4	23.8	24.1

2022 27 78.1 115.3 118.9 28.8 24.5 24.4

Tabel: 333 Piemontese: Vleeskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1988	12	111.2	145.3	103.0	117.6	125.1	113.8	103.5	98.5	128.8	118.1	113.7
1989	22	110.9	146.5	104.9	117.7	125.8	114.6	102.6	98.2	130.6	119.9	114.0
1990	40	109.5	146.1	103.3	117.5	124.7	113.5	102.0	96.6	129.7	118.6	113.0
1991	82	109.8	146.2	104.1	117.5	125.0	113.7	102.1	97.3	130.2	118.9	113.3
1992	138	110.4	147.1	103.7	118.0	126.0	112.9	103.0	96.8	130.4	118.4	113.6
1993	170	109.8	146.4	104.0	116.8	125.5	113.0	102.5	96.6	129.8	118.2	112.4
1994	170	109.5	146.1	104.0	116.7	125.2	113.0	102.2	96.5	129.8	118.0	112.7
1995	179	109.7	146.7	104.3	117.1	125.4	113.4	102.2	96.7	130.3	118.4	113.1
1996	176	109.7	146.8	104.3	117.1	125.6	113.5	102.1	96.7	130.3	118.5	112.9
1997	185	109.7	147.0	104.4	117.2	125.6	113.6	102.0	96.8	130.3	118.7	112.9
1998	152	110.4	147.7	104.5	117.8	126.6	113.4	102.6	96.7	130.8	118.5	113.9
1999	191	110.5	148.1	104.5	118.1	126.7	113.6	102.7	96.8	131.2	118.7	114.3
2000	188	110.1	147.7	104.6	118.0	126.4	114.0	102.0	97.0	131.3	119.0	114.1
2001	186	110.3	148.4	104.7	118.7	126.7	114.8	101.9	97.2	131.9	119.5	114.8
2002	177	110.7	148.4	104.7	118.7	127.3	115.0	102.1	97.5	132.5	119.5	115.3
2003	158	110.7	148.6	104.8	119.0	127.1	114.9	102.2	97.3	132.5	119.6	115.6
2004	169	110.9	148.4	105.0	119.2	126.9	115.4	102.3	97.7	132.5	120.1	115.8
2005	162	111.0	149.4	105.4	119.9	127.2	115.6	102.4	97.5	133.2	120.2	116.6
2006	134	111.3	149.4	105.6	119.4	127.8	115.6	102.4	97.6	133.9	120.2	116.8
2007	124	111.0	149.8	105.0	119.8	127.6	115.5	102.2	97.3	133.8	119.9	116.7
2008	79	110.7	148.1	104.6	119.5	126.4	115.5	102.1	97.5	132.9	119.3	116.7
2009	66	111.0	148.8	104.6	120.4	126.7	115.7	102.5	97.5	132.9	119.7	117.3
2010	26	111.2	148.8	103.7	121.8	125.7	116.3	102.8	97.4	133.3	119.3	119.1

Tabel: 334 Blonde d'Aquitaine: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	42	97.6	97.3	93.6	93.1	94.2	82.4	51.8	94.1
1981	15	96.5	97.1	92.5	92.5	93.3	81.3	52.1	93.1
1982	22	97.8	97.0	93.5	93.1	94.5	82.4	51.2	94.0
1983	15	96.1	97.1	92.2	92.5	93.0	81.7	52.8	92.9
1984	29	97.1	97.3	92.9	92.9	93.8	81.7	51.7	93.5
1985	64	96.9	97.5	92.8	92.9	93.7	82.0	52.7	93.6
1986	83	96.5	98.3	93.4	93.7	94.0	82.3	53.1	94.3
1987	134	96.9	97.2	92.7	92.7	93.6	82.4	52.7	93.4
1988	214	96.3	97.7	92.6	92.9	93.3	83.0	55.3	93.4
1989	411	97.0	97.4	93.0	92.9	93.7	83.1	55.6	93.6
1990	554	96.3	97.8	92.8	93.1	93.3	82.7	58.8	93.6
1991	807	96.8	97.4	93.0	93.1	93.7	82.6	57.6	93.7
1992	1158	96.6	97.4	92.8	93.1	93.5	82.3	57.6	93.5
1993	1150	96.4	97.9	93.0	93.4	93.5	82.2	58.0	93.8
1994	973	96.5	97.8	93.0	93.3	93.4	82.2	58.0	93.8
1995	1111	96.5	97.8	93.1	93.4	93.5	82.1	58.0	93.8
1996	1038	96.3	97.8	93.0	93.4	93.4	81.7	56.9	93.8
1997	1089	96.4	97.8	93.0	93.3	93.4	81.6	56.6	93.8
1998	985	96.2	97.9	93.0	93.5	93.3	81.6	56.8	93.8

1999	943	96.5	97.7	93.1	93.3	93.5	81.8	56.3	93.8
2000	986	96.4	98.1	93.3	93.7	93.7	82.0	56.7	94.1
2001	938	96.3	98.2	93.2	93.7	93.5	81.9	56.5	94.1
2002	876	96.4	98.3	93.3	93.8	93.7	81.9	56.5	94.2
2003	926	96.4	98.1	93.1	93.7	93.6	81.9	56.3	93.9
2004	961	96.3	97.9	92.9	93.5	93.5	82.0	56.4	93.7
2005	1001	96.0	98.0	92.7	93.5	93.2	81.7	56.3	93.6
2006	1036	96.1	98.0	92.7	93.5	93.3	81.9	56.5	93.6
2007	996	96.0	97.9	92.6	93.4	93.2	81.8	56.4	93.5
2008	1055	96.1	97.9	92.6	93.4	93.3	82.0	56.7	93.5
2009	1010	96.1	97.8	92.5	93.4	93.2	81.9	56.8	93.4
2010	967	96.0	97.8	92.4	93.3	93.1	81.9	56.9	93.3
2011	932	96.1	97.8	92.6	93.4	93.4	82.3	57.2	93.5
2012	878	96.1	97.7	92.6	93.4	93.4	82.2	57.1	93.5
2013	869	96.3	97.7	92.7	93.4	93.5	82.2	57.0	93.6
2014	832	96.2	97.7	92.6	93.4	93.4	82.3	57.6	93.5
2015	797	96.2	97.7	92.6	93.4	93.5	82.4	57.8	93.5
2016	682	96.3	97.4	92.6	93.2	93.5	82.4	57.8	93.4
2017	509	96.4	97.5	92.6	93.3	93.6	82.3	57.5	93.4
2018	184	96.4	97.6	92.8	93.5	93.7	82.3	57.7	93.6
2019	81	96.9	97.1	92.8	93.3	93.9	82.7	58.1	93.4
2020	10	96.6	98.2	93.0	94.1	94.1	82.7	58.0	93.9

Tabel: 335 Blonde d'Aquitaine: Geboortekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	12	72.3	123.8	134.8	10.5	7.3	7.2
1985	10	71.3	124.6	136.3	13.0	9.0	8.9
1987	22	69.9	125.2	137.7	5.9	4.0	4.0
1988	27	69.7	124.6	137.9	4.6	3.3	3.2
1989	46	69.7	125.2	138.0	13.8	9.7	9.3
1990	49	69.2	124.7	138.7	18.5	12.7	12.5
1991	62	69.2	124.9	138.5	12.5	8.5	8.2
1992	103	70.0	125.3	137.7	24.9	17.0	16.2
1993	120	70.5	125.3	137.0	29.1	19.7	19.1
1994	95	70.6	125.1	137.1	41.8	28.5	27.3
1995	96	71.2	124.3	136.3	32.1	21.8	21.1
1996	87	71.5	124.9	136.1	34.1	23.2	22.1
1997	122	72.0	124.5	135.3	32.7	22.3	21.7
1998	131	71.6	124.5	135.9	53.0	36.5	35.3
1999	141	71.3	124.7	136.1	48.0	33.2	32.0
2000	143	71.7	124.4	135.8	62.8	43.3	41.6
2001	183	72.5	124.6	135.0	72.0	50.0	48.1
2002	153	73.2	124.0	134.0	75.4	52.1	49.8
2003	196	72.5	124.7	134.8	71.6	49.8	47.7
2004	242	72.3	124.9	135.0	88.0	60.8	58.5
2005	304	72.1	125.3	135.2	100.0	69.0	67.3
2006	269	72.3	125.2	134.9	87.2	60.3	58.7
2007	443	73.6	125.7	133.4	95.2	65.9	63.9
2008	498	74.0	125.8	133.0	103.2	72.0	69.7
2009	438	73.8	125.7	133.1	93.7	65.1	63.2
2010	440	73.2	125.3	133.8	97.4	67.6	65.3
2011	441	72.8	124.8	134.3	99.8	68.3	65.7
2012	431	72.5	124.6	134.7	95.7	65.2	62.7
2013	399	71.9	124.5	135.5	96.2	65.8	63.2
2014	437	72.0	123.9	135.4	100.1	69.2	66.5

2015	380	71.6	123.6	135.8	102.8	70.8	67.5
2016	361	70.8	123.9	136.8	90.4	62.3	59.3
2017	356	71.4	123.8	136.1	83.4	57.4	54.8
2018	337	71.8	123.7	135.6	81.5	56.2	53.4
2019	266	71.2	123.6	136.2	59.3	41.1	39.1
2020	224	70.7	123.9	136.8	43.8	30.8	29.0
2021	246	70.5	123.7	137.1	32.3	22.5	21.4
2022	32	70.9	122.4	136.7	32.4	22.1	21.0

Tabel: 336 Blonde d'Aquitaine: Vleeskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	11	117.3	149.6	106.7	131.6	131.5	115.5	107.3	102.5	131.5	119.2	122.8
1985	11	116.2	149.3	106.9	133.6	127.4	117.1	106.9	102.0	130.6	120.0	125.1
1986	12	114.3	147.5	105.2	132.3	125.8	116.0	105.9	100.4	130.4	117.4	124.2
1987	27	115.7	148.9	106.4	133.8	127.0	117.1	106.6	101.4	130.5	119.4	125.5
1988	40	116.2	148.3	106.7	133.2	127.7	116.8	106.8	102.0	129.8	119.3	124.6
1989	85	116.1	149.4	106.8	133.6	128.0	116.8	106.9	101.7	130.6	119.6	124.6
1990	97	115.7	149.0	106.7	133.1	127.6	116.6	106.6	101.6	130.3	119.4	124.2
1991	230	115.1	148.6	106.5	132.6	127.6	116.2	106.1	101.1	129.6	119.2	123.2
1992	340	115.4	149.1	106.9	132.8	128.3	116.5	106.2	101.2	130.2	119.6	123.4
1993	349	115.8	149.3	106.9	133.2	128.4	116.4	106.6	101.4	130.1	119.7	123.8
1994	245	116.2	149.0	107.0	133.4	128.2	116.5	107.0	101.9	129.7	119.9	124.1
1995	228	116.3	149.8	106.7	133.8	128.6	116.4	107.0	101.8	130.2	119.5	124.0
1996	226	115.7	148.9	106.7	132.5	128.2	116.0	106.4	101.9	129.7	119.3	122.6
1997	251	116.3	149.7	106.9	132.9	129.0	115.9	106.8	102.2	130.3	119.1	123.0
1998	236	116.7	150.1	107.3	133.4	129.5	116.2	107.0	102.4	130.7	119.7	123.3
1999	257	117.1	150.2	106.9	133.8	129.5	116.1	107.4	102.6	130.6	119.4	123.9
2000	270	116.6	149.9	106.4	133.6	129.0	116.0	107.1	102.3	130.4	119.2	123.6
2001	264	116.4	149.9	106.3	133.4	129.2	116.0	106.9	102.2	130.5	119.0	123.5
2002	216	116.5	149.5	106.8	132.9	129.4	116.2	106.9	102.3	130.6	119.2	123.5
2003	210	116.9	149.1	107.1	132.5	129.4	115.5	107.3	102.8	130.2	119.0	123.3
2004	244	117.1	148.7	107.1	132.2	129.2	115.2	107.6	102.7	130.1	118.5	123.8
2005	229	116.6	148.2	107.5	132.3	128.5	115.7	107.3	102.4	129.7	118.7	123.9
2006	172	116.6	147.6	107.7	131.4	128.7	115.4	107.4	102.4	129.6	118.6	123.5
2007	173	116.6	147.6	107.4	131.7	128.5	115.3	107.5	101.9	129.5	118.6	123.8
2008	127	116.6	147.7	107.3	131.4	128.9	115.1	107.5	101.8	129.7	118.5	123.3
2009	100	116.6	147.6	107.2	131.8	128.1	114.9	107.7	102.0	129.3	118.4	123.6
2010	39	116.5	148.1	107.2	131.8	128.7	115.1	107.4	101.7	130.0	118.4	123.7
2011	23	117.6	149.3	106.8	134.7	127.7	115.4	108.8	102.1	130.0	118.2	126.4

Tabel: 337 Blonde d'Aquitaine: Reproductiestoornissen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
2014	11	101.2	98.4	103.1	99.9	100.9	101.6

Tabel: 338 KRB: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Sain	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2010	10	100.0	0	0.0	0	0.0	10	96.1