

Table 1.7.2: Number and Size of Red Blood Cells in Selected Vertebrates

The number is in millions per cubic millimeter; size is given in micrometers.

After BUDDENBROCK 1967, HALTENORTH 1977, HEIDERMANNS 1957, HESSE and DOFLEIN 1935, KOLB 1974, *Kosmos-Lexikon* 1953, PORTMANN 1959, STURKIE 1976

Species	Size (μm)	Number (1,000,000/ mm^3)
Carp	11.0 \times 8.2	1.40
Carrion crow	12.0 \times 7.0	2.49
Cat	4.5 \times 4.5	8.22
Chaffinch	12.4 \times 7.5	3.66
Chimpanzee	7.4 \times 7.4	5.10
Common frog	23.0 \times 16.0	0.49
Common toad	20.5 \times 13.3	0.38
Dog	7.0 \times 7.0	6.65
Edible frog	23.0 \times 16.0	0.60
Eel	15.0 \times 12.0	1.1
Electric rays	27.0 \times 20.0	0.14
Elephant	9.0 \times 9.0	2.02
Fire salamander	43.0 \times 25.0	0.09
Goat	3.5 \times 3.5	18.50 (!)
Golden or Syrian hamster	5.6 \times 5.6	6.90
Grass snake	18.0 \times 11.0	0.97
Guinea pig	7.4 \times 7.4	5.60
Horse ("coldblood")		6.90
Horse (thoroughbred)		8.90
Human ♀	7.5 \times 7.5	4.50
Human ♂	7.5 \times 7.5	5.00
Lamprey	15.0 \times 15.0	0.13
Llama	7.6 \times 4.4	13.19
Mouse	6.0 \times 6.0	9.50
Mudpuppy	58.0 \times 34.0 (!)	0.036
Musk deer	2.5 \times 2.5 (!)	
Natterjack toad	20.7 \times 14.4	0.65
Northern crested newt	31.0 \times 22.0	0.164
Ostrich	14.0 \times 9.0	1.62
Pig	6.0 \times 6.0	6.96
Rat	7.5 \times 7.5	9.00
Rock dove	14.0 \times 7.0	3.00
Sand lizard	16.0 \times 10.0	1.42
Slowworm	18.0 \times 9.0	1.52
Sole	12.0 \times 9.0	2.00
Walrus	9.2 \times 9.2	