

SUPPLEMENTARY MATERIAL

Table S1. The birth mass, adult mass, and lifespan of 90 breeds of male dogs

Breed	Birth Mass (gram)	reference	Adult Mass (gram)	reference	Life span (years)	reference
Affenpinscher	86	(1)	4876	(2)	11	(3)
Airedale Terrier	397	(4)	21050	(5)	11.5	(6)
Alaskan Malamute	482	(7)	39000	(8)	10.7	(9)
Australian Cattle Dog	300	(10)	20500	(11)	13.5	(12)
Basset hound	450	(13)	10886	(14)	14	(15)
Bearded Collie	298	(16)	22500	(17)	14.5	(18)
Beauceron	481	(19)	34250	(20)	12	(21)
Bernese Mountain Dog	520	(22)	44000	(23)	11.5	(24)
Black Russian Terrier	667	(25)	55000	(26)	11.5	(27)
Bloodhound	450	(28)	45345	(29)	11	(30)
Border Collie	372	(31)	17000	(32)	13.5	(33)
Border Terrier	184	(34)	7485	(35)	13.5	(36)
Borzoi	359	(37)	41000	(38)	11	(39)
Bouvier des Flandres	326	(40)	42000	(41)	11	(42)
Boxer	482	(43)	29500	(44)	12.5	(45)
Briard	348	(46)	34050	(47)	12	(48)
Brittany	283	(49)	17000	(50)	13.5	(51)
Brussels Griffon	170	(52)	4080	(53)	13	(54)
Bull Terrier	283	(55)	27690	(56)	12	(57)
Bulldog	340	(58)	24500	(59)	10	(60)
Bullmastiff	635	(61)	55000	(62)	10	(63)
Cairn Terrier	193	(64)	7000	(65)	13.5	(66)
Canaan Dog	418	(67)	20500	(68)	13.5	(69)
Cane Corso	465	(70)	47500	(71)	10.5	(72)
Cardigan Welsh Corgi	340	(73)	12500	(74)	13.5	(75)
Cavalier King Charles Spaniel	210	(76)	6345	(77)	11.5	(78)
Chihuahua	113	(79)	1405	(80)	17.5	(81)
Chinese Crested	208	(82)	4500	(83)	14	(84)
Chinook	376	(85)	32000	(86)	12.5	(87)
Cocker Spaniel	250	(88)	10500	(89)	13.5	(90)
Collie	482	(91)	30500	(92)	15	(93)

Coton de Tulear	214	(94)	6250	(95)	15	(96)
Curly-Coated Retriever	358	(97)	37421	(98)	10.5	(99)
Dachshund	227	(100)	10880	(101)	13.5	(102)
Dalmatian	404	(103)	23360	(104)	14.5	(105)
Doberman Pinscher	312	(106)	35000	(107)	11.5	(108)
English Cocker Spaniel	313	(109)	14500	(110)	13.5	(111)
English Setter	482	(112)	30500	(113)	13	(114)
English Springer Spaniel	300	(115)	22500	(116)	12	(117)
English Toy Spaniel (King Charles Spaniel)	184	(118)	4989	(119)	11	(120)
Field Spaniel	283	(121)	19250	(122)	12.5	(123)
Finnish Lapphund	363	(124)	20640	(125)	11.5	(126)
Flat-Coated Retriever	284	(127)	29500	(128)	13	(129)
French Bulldog	255	(130)	9979	(131)	12.5	(132)
German Pinscher	265	(133)	15875	(134)	13	(135)
German Shepherd Dog	567	(136)	38555	(137)	12	(138)
German Shorthaired Pointer	500	(139)	28500	(140)	13.5	(141)
Golden Retriever	411	(142)	31750	(143)	11	(144)
Gordon Setter	315	(145)	30617	(146)	11	(147)
Great Dane	625	(148)	72000	(149)	8	(150)
Great Pyrenees	624	(151)	45000	(152)	11	(153)
Greater Swiss Mountain Dog	510	(154)	60000	(155)	10.5	(156)
Greyhound	550	(157)	32500	(158)	11	(159)
Havanese	156	(160)	4530	(161)	13.5	(162)
Icelandic Sheepdog	293	(163)	11500	(164)	12	(165)
Irish Red and White Setter	410	(166)	29500	(167)	12	(168)
Irish Terrier	280	(169)	11500	(170)	13.5	(171)
Irish Wolfhound	568	(172)	54500	(173)	7	(174)
Italian Greyhound	146	(175)	4000	(176)	13.5	(177)
Keeshond	255	(178)	19275	(179)	13.5	(180)
Kuvasz	547	(181)	48500	(182)	11	(183)
Labrador retriever	450	(184)	29800	(185)	12.6	(186)
Leonberger	510	(187)	68000	(188)	11	(189)

Maltese	142	(190)	3500	(191)	14.5	(192)
English mastiff	567	(193)	81645	(194)	11	(195)
Miniature Pinscher	184	(196)	4500	(197)	13.5	(198)
Neapolitan Mastiff	900	(199)	72574	(200)	10.5	(201)
Norwegian Buhund	345	(202)	16000	(203)	13.5	(204)
Nova Scotia Duck Tolling Retriever	470	(205)	20000	(206)	12	(207)
Old English Sheepdog	330	(208)	36275	(209)	11	(210)
Otterhound	631	(211)	41000	(212)	11	(213)
Papillon	150	(214)	4500	(215)	14	(216)
Parson Russell Terrier	190	(217)	7000	(218)	13.5	(219)
Pembroke Welsh Corgi	340	(220)	12000	(221)	13	(222)
Portuguese Water Dog	284	(223)	22000	(224)	13	(225)
Pug	227	(226)	7255	(227)	13.5	(228)
Rat Terrier	227	(229)	10750	(230)	15.5	(231)
Redbone Coonhound	439	(232)	27500	(233)	11.5	(234)
Rhodesian Ridgeback	440	(235)	36300	(236)	11	(237)
Schipperke	140	(238)	6750	(239)	12.5	(240)
Shih Tzu	170	(241)	5500	(242)	13	(243)
Siberian Husky	527	(244)	23500	(245)	13	(246)
Smooth Fox Terrier	213	(247)	8000	(248)	12.5	(249)
Soft Coated Wheaten Terrier	265	(250)	18000	(251)	13.5	(252)
Spinone Italiano	650	(253)	33112	(254)	12.5	(255)
St. Bernard	566	(256)	70500	(257)	11	(258)
Staffordshire Bull Terrier	284	(259)	14000	(260)	13	(261)
Tibetan Mastiff	510	(262)	67900	(263)	12	(264)
Tibetan Terrier	213	(265)	10900	(266)	13.5	(267)
Vizsla	482	(268)	23500	(269)	12	(270)

Table S2. The birth mass, adult mass, and lifespan of 90 breeds of female dogs

Breed	Birth Mass (gram)	reference	Adult Mass (gram)	reference	Life span (years)	reference
Airedale Terrier	397	(1)	21050	(2)	11.5	(3)
Australian Cattle Dog	267	(4)	20500	(5)	13.5	(6)
Beauceron	466	(7)	34250	(8)	12	(9)
Black Russian Terrier	579	(10)	47500	(11)	11.5	(12)
Border Collie	362	(13)	15500	(14)	13.5	(15)
Border Terrier	170	(16)	6685	(17)	13.5	(18)
Borzoi	392	(19)	41000	(20)	11	(21)
Briard	389	(22)	34050	(23)	12	(24)
Canaan Dog	408	(25)	20500	(26)	13.5	(27)
Cane Corso	400	(28)	42500	(29)	10.5	(30)
Chinook	376	(31)	25000	(32)	12.5	(33)
Coton de Tulear	212	(34)	6250	(35)	15	(36)
Finnish Lapphund	358	(37)	20640	(38)	11.5	(39)
Flat-Coated Retriever	292	(40)	29500	(41)	13	(42)
German Shepherd Dog	248	(43)	38555	(44)	12	(45)
Greyhound	345	(46)	29000	(47)	11	(48)
Icelandic Sheepdog	276	(49)	12500	(50)	12	(51)
Irish Red and White Setter	377	(52)	29500	(53)	12	(54)
Italian Greyhound	147	(55)	4000	(56)	13.5	(57)
Kuvasz	608	(58)	48500	(59)	11	(60)
Miniature Pinscher	164	(61)	4000	(62)	13.5	(63)
Papillon	120	(64)	3500	(65)	14	(66)

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