


# SANDY'S OFFICIAL BREED BREAKDOWN

---

 40%  
German Shepherd Dog

 24%  
Rottweiler

 13%  
English Shepherd

 12%  
Labrador Retriever

 11%  
Alaskan Malamute

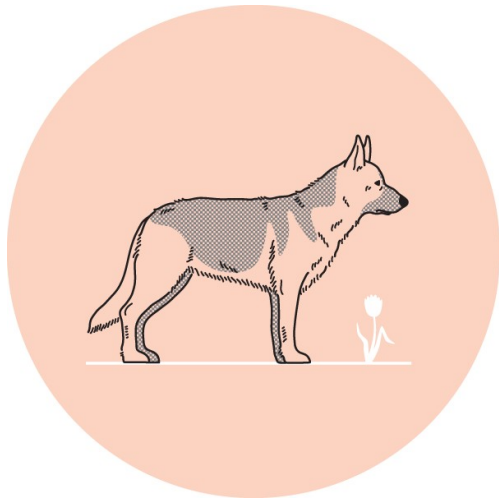


TESTING LABORATORY

LABORATORY DIRECTOR



Results validated  
by the Canine  
DNA Testing Lab.



40%

Sandy is an intelligent, protective, attentive, outgoing, and conversational dog.

## German Shepherd Dog

As loyal and protective as they come, the German Shepherd Dog makes for a wonderful companion, a dedicated family pet, and a diligent worker. One of the most popular dog breeds around the world, the German Shepherd gained its stardom during World War I when Corporal Lee Duncan brought a puppy back to Los Angeles France, trained him, and turned him into Rin Tin Tin - one of the most famous dogs in show business. In addition to celebrity, the German Shepherd holds many other jobs including guide dog,

detectors of narcotics and bombs, search and rescue dogs, and therapy dogs due to their immense intelligence and strong work ethic.

## How They Show Their Personality

Their athletic builds and extreme intelligence mean they excel in many dog activities including Schutzhund, tracking, obedience, agility, flyball, and ring sport.

They are highly intelligent, loyal, and dedicated to their people.

They make excellent guard dogs Due to their intimidating stature, powerful bark, and protective disposition.



# German Shepherd Dog

## How To Care For Them

They require plenty of exercise to keep their boredom at bay. German Shepherds are extremely loyal and protective of their families, and suspicious of strangers, especially in the company of their people.

If German Shepherds become bored or frustrated, they might take it out on your home by chewing or barking excessively. They thrive in active households that can give them at least an hour of exercise every day as well as plenty of time and attention.

These heavy shedders have thick coats that need to be brushed 2-3 times per week, and they tend to shed more heavily in the spring and autumn.

## How To Build Your Bond

Through socialization and obedience training, German Shepherds make amazing family dogs and companions.

They are tough competition in all aspects of the canine arena, whether they're participating in agility, obedience, flyball, or scenting trials.

Train alongside your German Shepherd and make them your new jogging, hiking, biking, or running partner and you'll have a loyal canine companion by your side.

## How To Keep Them Healthy

The German Shepherd Dog is a healthy, hardy breed overall but is known to experience some hereditary health conditions.

They may suffer from aortic Stenosis, an abnormal narrowing of the aortic valve which may impede the flow of blood to the arteries. As a large breed, they are prone to hip and elbow dysplasia and GDV/ bloat.

They may also have chronic eczema and flea allergies.



# German Shepherd Dog

## What Makes Them Special

German Shepherds come in a variety of colors including white, black, liver and blue. They are one of the most popular and easily recognizable dog breeds in the world.

### WEIGHT

50-90 pounds

### HEIGHT

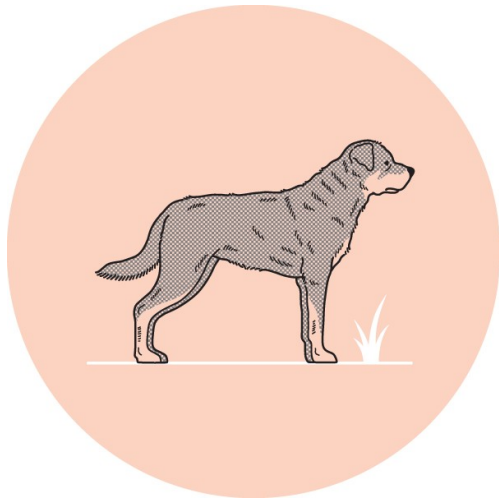
22-26 inches

### LIFESPAN

8-12 years

### BREED GROUP

Herding



## Rottweiler

Rottweilers were originally bred to drive cattle to the market and pull carts and heavy loads for butchers. Never one to back down in the face of danger, they were also one of the first breeds used as police dogs. Rottweilers make excellent family guardians, companions, and guard dogs. While they may be more bark than bite, their intimidating stature and loud, resonating bark are more than enough to scare off any would-be intruders.

24%

### How They Show Their Personality

Rottweilers have loving hearts and are confident yet calm. They can be reserved with strangers, exhibiting a "wait-and-see" attitude when meeting new people.

They are protective by nature and don't need to be taught "protection" behaviours. Despite their junkyard dog reputation, these loving pups don't exactly make good outdoor dogs - firstly because they don't have the proper coat for it, and secondly, because they downright love being around people.

They are highly intelligent, hard-working, and always up for an adventure with their people (although they're just as happy to sit around on the couch, too!).



# Rottweiler

## How To Care For Them

Because Rottweilers have a strong instinct to protect, they do best under the guidance of an experienced owner who can cater to their big size and even bigger personalities.

If they aren't provided with firm leadership, Rottweilers may assume the role themselves and can be quite bossy and persistent. They tend to walk a fine line between aggressiveness and protectiveness when it comes to keeping their loved ones safe, so consistent training is highly encouraged.

Their coats can be short and smooth or medium length, with both varieties being easy to care for. Weekly brushings and the occasional bath are enough to keep their signature black & tan coats looking and feeling their best.

## How To Build Your Bond

Rottweilers love to be around people and when socialized from an early age they make great family dogs. They tend to do quite well with children, however, due to their large size and playful nature, early training & socialization are key. They love to lounge around on the couch with their people after a long day of play and dislike being alone for too long.

## How To Keep Them Healthy

The Rottweiler is predisposed to elbow and hip joint conditions which are compounded by excessive weight. They are also susceptible to Anterior Excruciate Ligament injuries, Osteochondrosis (OCD), and entropion.

## What Makes Them Special

While still used for their traditional herding skills, Rottweilers are now also used in search and rescue, as guide dogs for the blind, police dogs, and in many other roles. The Rottweiler is normally black with markings that are rust to mahogany in colour.



# Rottweiler

**WEIGHT**

80-135 pounds

**HEIGHT**

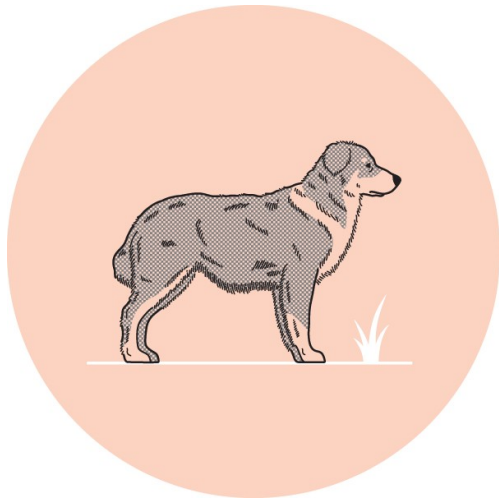
22-27 inches

**LIFESPAN**

9-10 years

**BREED GROUP**

Working



## English Shepherd

The English Shepherd is considered a true jack-of-all-trades in the canine world. Originally bred as a multi-purpose working dog, the breed is revered for its diverse skill set and trainability. They make excellent herders, watchdogs, service dogs, search & rescue workers, therapy dogs, and family pets, and are known to be good with children.

13%

### How They Show Their Personality

Their loyalty and desire to be near their owners have earned them the nickname "shadow shepherds". Combined with their inherent love for children and the English Shepherd has the makings of an excellent "nanny dog".

### How To Care For Them

Their intelligence, athleticism, and perseverance make these gentle giants tough competition in all manner of canine sports.

They are happiest when given a job to do and are better suited to country life than apartment living.

These high-energy dogs thrive in active households that can provide them with plenty of exercise and bonding time.

Their medium-length coats can be found in shades of cream, white, and black with sable, bicour, or tricolour patterns. They are considered moderate shedders with relatively low-maintenance grooming needs.





# English Shepherd

## How To Build Your Bond

These are social, affectionate, family-oriented dogs through and through, who love nothing more than being around their people.

Spending loads of time on training and providing your dog with tasks will help to both establish your bond and build their confidence.

## How To Keep Them Healthy

English Shepherds are quite a healthy breed overall but may experience conditions such as hip and elbow dysplasia, luxating patella, cataracts, and collie eye anomaly, an inherited condition that can lead to vision loss.

## What Makes Them Special

The English Shepherd is so gentle, intelligent, and watchful by nature that it has earned a reputation as the ideal nanny dog or child's shadow. Their innate instinct to protect their family members, particularly the smaller ones, make them a wonderful addition to any household.

### WEIGHT

45-60 pounds

### HEIGHT

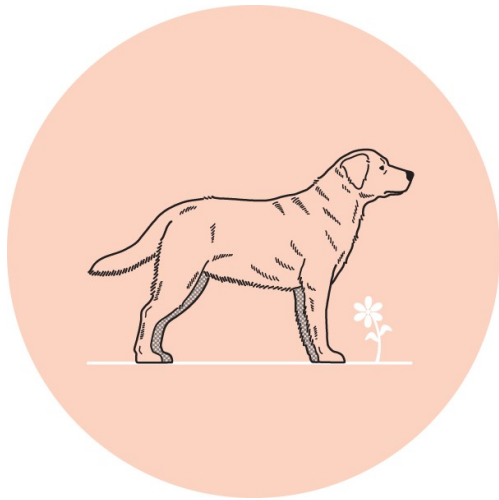
18-23 inches

### LIFESPAN

10-13 years

### BREED GROUP

Herding



## Labrador Retriever

Labrador Retrievers, usually referred to simply as "Labs", were bred to help fishermen haul nets, fetch ropes, and retrieve loose fish - which explains their love of water. Labs love having a job to do and are truly a Jack-of-all-trades. You can find them working as therapy and support animals, in search & rescue efforts, as police and military dogs, in scent detection jobs, and so much more. A loving family dog through and through, the Lab is one of the most popular breeds in North America because of their affable nature and gentle, playful ways.

12%

### How They Show Their Personality

The Labrador Retriever is kind, outgoing and always eager to please. Labs are gentle, patient, and reliable which makes them ideal pets for families and first-time owners.

They are extremely lovable and want to be part of their human family. Always up for an adventure, Labs are happy to tag along wherever their people go. They are highly people-oriented and tend to get along well with other pets in the home if given early training & socialization.

### How To Care For Them

Labs are devoted to their families and have a sweet, gentle nature. Their high energy levels mean they need lots of daily exercise as well as mental stimulation in the form of games, puzzle toys, and fun training sessions.



# Labrador Retriever

These active, playful dogs make excellent exercise partners and love nothing more than to join their owners for a walk, jog, run, hike, bike ride, and even a swim. As exceptional swimmers, Labs tend to love a good trip to the lake for a dip, especially if there are some good sticks to retrieve!

Their thick, water-resistant coats shed heavily and must be brushed on a regular basis to remove loose fur. Depending on how much time your Lab spends in the water, they may need extra bath times and ear cleaning to prevent infections and stinky fur.

## How To Build Your Bond

Labs thrive in active households that can cater to their need for plenty of exercise, time, and attention. These pups truly enjoy spending time outdoors and crave lots of daily exercise and playtime.

They tend to excel in canine sports and agility trials and love it when their owners get involved with their training. Make training sessions fun and frequent and spend plenty of time outdoors with your Lab and you'll have a happy, healthy canine companion by your side.

## How To Keep Them Healthy

The Labrador Retriever is a healthy, hardy breed overall, but is prone to hip and elbow dysplasia, Progressive Retinal Atrophy (PRA), cataracts, GDV/ bloat, heart issues, and obesity.

## What Makes Them Special

Labrador Retrievers are registered in three colours: black, yellow (anything from light cream to "fox-red"), and chocolate (medium to dark brown). Puppies of all colours can potentially occur in the same litter. Labs are the most registered breed in North America. They originated in Newfoundland, Canada and were originally called the St. John's dog.



# Labrador Retriever

**WEIGHT**

55-80 pounds

**HEIGHT**

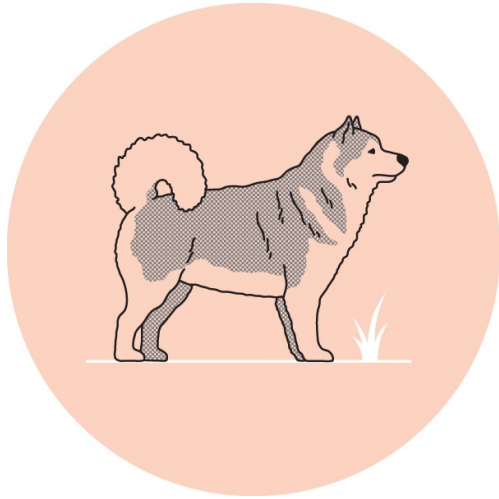
21.2-24.5 inches

**LIFESPAN**

10-12 years

**BREED GROUP**

Sporting



## Alaskan Malamute

The Alaskan Malamute was originally bred for use as a utilitarian dog, and then later as a sled dog. An independent, resourceful breed by nature, they are known to be both intelligent and loyal. A friendly dog overall, Alaskan Malamutes think of everyone as their friend. This trait makes them particularly sought-after as family dogs but makes them unreliable watchdogs. Though their large size may intimidate an intruder, that's just about the only protection they'll offer.

11%

### How They Show Their Personality

One of the oldest dog breeds, the Alaskan Malamute thrives when given a job and the opportunity to put its impeccable work ethic to good use.

They are extremely intelligent and have incredible energy and endurance. They excel in many different dog sports such as obedience competitions, weight pulling, and backpacking.

Give the Alaskan Malamute plenty of exercise and attention and you'll have a loving, loyal companion by your side.

### How To Care For Them

Alaskan Malamutes are notorious diggers and have been known to escape a yard or two by tunnelling underneath it.

They may also challenge for the top position in the household so early training & socialization are encouraged.

Their thick, well-insulated coats need several brushings per week to remove loose fur, and they shed more heavily with the change of seasons.



# Alaskan Malamute

## How To Build Your Bond

Not particularly vocal dogs, Alaskan Malamutes rarely bark but they do like to have conversations with their owners via "woo woo" sounds or howls.

Getting to know your dog's unique vocalizations will help you establish clearer communication and a solid bond.

## How To Keep Them Healthy

The Alaskan Malamute is a healthy, hardy breed overall but may be prone to bloat, hip dysplasia, and chondrodysplasia (dwarfism). They have also been known to experience Zinc Responsive Dermatitis.

## What Makes Them Special

In 2010 the Alaskan Malamute was named the official breed of Alaska. It reigns as one of the oldest canine breeds whose original appearance has not been changed to much over time.

### WEIGHT

75-100 pounds

### HEIGHT

23-24 inches

### LIFESPAN

10-15 years

### BREED GROUP

Working

# Sandy's Genetic Age Report

The DNA My Dog Genetic Age test is designed to determine your dog's biological age. This is different from their chronological or actual age because it looks at how your dog is aging on a cellular level.

How do we do that? Every DNA strand has telomeres and we measure their length to find out your dog's genetic age.

What are telomeres? They're little protective caps on the end of DNA strands (think the little plastic tips on shoelaces) that stop chromosomes from fraying or sticking together. As your dog ages, these telomeres shorten.

Using our Canine Genetic Age database, we've measured Sandy's telomere length against thousands of dogs matching their breed and size to determine their genetic age.

Let's walk through the results. So, you already know your dog's chronological age. Ideally, your dog's genetic age bar will be the same or shorter than their known chronological age.

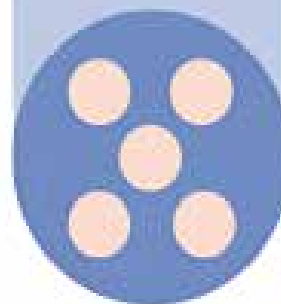
If their genetic age bar exceeds their chronological age, it may indicate a health issue. Please note we haven't determined a health issue, it just means your dog is aging faster on a cellular level. We know it can feel scary but there are many reasons your dog's genetic age is higher than their chronological age. Dogs that have had stressful lives or medical issues can fall into this category. It could be an indicator of an undiagnosed illness or condition, so this is a perfect time for a vet visit and screening. Early intervention can slow down telomere activity and prevent potential health issues.

So, you don't know your dog's chronological age. Congratulations! You've discovered their genetic age. We explained what telomeres were and how we use that to determine your dog's genetic age. So, this age tells you how they're progressing on a cellular level. If your dog's genetic age seems to be on the senior side, you may want to keep a closer eye on them in case any issues pop up.

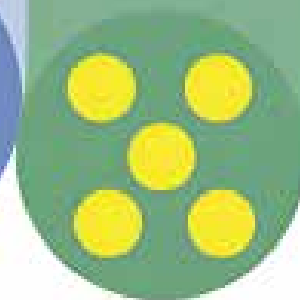


**Actual  
Age**

**Genetic  
Age**



**7  
Years**



**8.2  
Years**